Wickham, Jerry, Env. Health

From: Goloubow, Ron [Ron.Goloubow@arcadis-us.com]
Sent: Wednesday, June 25, 2014 10:38 AM
To: Wickham, Jerry, Env. Health
Cc: Tim Simon
Subject: RE: Aspire Schools Oakland - Construction Project/Cap Modification
Attachments: IMG00063-20100507-1533.jpg; IMG00062-20100507-1530.jpg; 09-05-0519_s1.pdf

Hi Jerry the bottom samples were not collected because the excavation was extended to shallow groundwater. The attached photos show EXC4 while the excavation was being dewatered.
The soil that was imported to the Aspire site was from the Memorial Stadium construction project at UC Berkeley. The analytical data for that imported soil is attached.

Ron Goloubow, P.G. | Principal Geologist | ron.goloubow@arcadis-us.com
ARCADIS U.S., Inc. | 100 Montgomery Street, Suite 300 | San Francisco, CA 94104
T: 415 432 6942 | M: 510 501 1789
Connect with us! www.arcadis-us.com | LinkedIn | Twitter | Facebook

---

From: Wickham, Jerry, Env. Health [mailto:jerry.wickham@acgov.org]
Sent: Wednesday, June 25, 2014 9:48 AM
To: Goloubow, Ron
Cc: Tim Simon
Subject: RE: Aspire Schools Oakland - Construction Project/Cap Modification

Ron,

It does not appear that any bottom samples were collected from EXC4. Since TPH contamination at the site is documented to typically be 4.5 to 10 feet bgs, soil samples collected at 1 foot bgs do not provide confirmation of the extent of contamination.

For the fuel leak case discussion, it would be preferable to start with the agenda items that I requested rather than starting with a discussion of closure which are:

Potential vapor intrusion concerns for Proposed Gymnasium

Verification sampling for existing buildings

Cap construction and imported fill

Public notifications

Talk to you this afternoon.

Regards,
Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

phone: 510-567-6791
jerry.wickham@acgov.org

From: Goloubow, Ron [mailto:Ron.Goloubow@arcadis-us.com]
Sent: Tuesday, June 24, 2014 11:49 AM
To: Wickham, Jerry, Env. Health
Cc: Tim Simon
Subject: RE: Aspire Schools Oakland - Construction Project/Cap Modification

Hi Jerry here is some follow up information in response to our conversation this AM:

Soil vapor samples SV-1 and SV-2 were collected near the northeastern and northwestern boundaries of Building 200 in 2005 and 2008, respectively. I scaled in the location of these two samples on the attached maps.

Soil was excavated (soil excavation identified as EXC-4) at each of those soil vapor sample locations to a depth of approximately 2 to 4 feet bgs in 2009. The blue line on the attached Figure 3 represents the lateral extent of excavation EXC4 that was conducted near these vapor points.

Confirmation soil samples collected approximately 1-foot below grade in this part of the excavation did NOT contain TPH as gasoline or BTEX compounds above laboratory reporting limits. These samples did contain TPHmo & TPHd above reporting limits (see the attached Figure 5 from the "Soil Removal Action Completion Report" dated, September 15, 2010).

Because soil samples collected in this area did not contain TPHg (<240 micrograms per kilogram), or BTEX above laboratory reporting limits benzene (<4.7 to <4.9 micrograms per kilogram), the area is paved therefore does not appear to be threat to human health or the environment in this portion of the Site. Potential human health risks associated with the concentrations of TPHmo and or TPHd in soil in this part of the site is mitigated with the surface cap and soil management plan for the Site.

Please let me know if you have any questions or need any more information in advance of our telephone call tomorrow.

Ron.

Ron Goloubow, P.G. | Principal Geologist | ron.goloubow@arcadis-us.com
ARCADIS U.S., Inc. | 100 Montgomery Street, Suite 300 | San Francisco, CA 94104
T: 415 432 6942 | M: 510 501 1789
Connect with us! www.arcadis-us.com | LinkedIn | Twitter | Facebook

-----Original Message-----
From: Wickham, Jerry, Env. Health [mailto:jerry.wickham@acgov.org]
Sent: Monday, June 23, 2014 9:06 AM
To: Goloubow, Ron
Cc: Tim Simon
Subject: RE: Aspire Schools Oakland - Construction Project/Cap Modification

Ron,

There were benzene detections in two soil gas samples (SV-1 in 2008 and 2A-2 in 2005) that appear to be within the outline of Building 200. I would like to discuss what verification sampling was done in this area after these detections.

Jerry

From: Goloubow, Ron [Ron.Goloubow@arcadis-us.com]
Sent: Friday, June 20, 2014 8:29 AM
To: Wickham, Jerry, Env. Health
Cc: Tim Simon
Subject: RE: Aspire Schools Oakland - Construction Project/Cap Modification

Jerry Thanks for the items to be added to the agenda.

I do need a bit more clarification regarding "verification sampling for existing buildings"?

Is this soil, soil vapor, indoor air sampling?

As the site is configured now, the former UST was located outside the northern corner of Building B (see attached figure).

Please let me know if you would like to discuss this prior sometime today.

Ron.

Ron Goloubow, P.G. | Principal Geologist | ron.goloubow@arcadis-us.com<mailto:ron.goloubow@arcadis-us.com>
ARCADIS U.S., Inc. | 100 Montgomery Street, Suite 300 | San Francisco, CA 94104
T: 415 432 6942 | M: 510 501 1789
Connect with us! www.arcadis-us.com<http://www.arcadis-us.com/> |
LinkedIn<http://www.linkedin.com/company/2906179?trk=tyah> |
Twitter<http://www.twitter.com/arcadis_us> | Facebook<http://www.facebook.com/ArcadisUS>

From: Wickham, Jerry, Env. Health [mailto:jerry.wickham@acgov.org]
Sent: Thursday, June 19, 2014 6:37 PM
To: Goloubow, Ron
Subject: RE: Aspire Schools Oakland - Construction Project/Cap Modification

Ron,

Here are my agenda items:

Potential vapor intrusion concerns for Proposed Gymnasium

Verification sampling for existing buildings

Cap construction and imported fill

Public notifications

Thanks,

Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
phone: 510-567-6791
jerry.wickham@acgov.org<mailto:jerry.wickham@acgov.org>

From: Goloubow, Ron [mailto:Ron.Goloubow@arcadis-us.com]
Sent: Thursday, June 19, 2014 7:57 AM
To: Santos, Carmen; Tim Simon; Wickham, Jerry, Env. Health; Tyson Schwarten; Charles Robitaille; Oberbauer, Paul
Subject: RE: Aspire Schools Oakland - Construction Project/Cap Modification

Team – Per Carmen's email below we would like to have a conference call next week to discuss the construction project that is proposed for the Aspire school site in Oakland, CA .

How does Wednesday, June 25, 2014 at 1:00 PM Pacific time work for everybody?

Please let me know and then I will send out a call in number a brief agenda.

Thanks Ron.

Ron Goloubow, P.G. | Principal Geologist | ron.goloubow@arcadis-us.com<mailto:ron.goloubow@arcadis-us.com>
ARCADIS U.S., Inc. | 100 Montgomery Street, Suite 300 | San Francisco, CA 94104
T: 415 432 6942 | M: 510 501 1789
Connect with us! www.arcadis-us.com<http://www.arcadis-us.com/> | LinkedIn<http://www.linkedin.com/company/2906179?trk=tyah> | Twitter<http://www.twitter.com/arcadis_us> | Facebook<http://www.facebook.com/ArcadisUS>

ARCADIS, Imagine the result

Please consider the environment before printing this email.

From: Santos, Carmen [mailto:Santos.Carmen@epa.gov]
Sent: Wednesday, June 18, 2014 6:32 PM
To: Goloubow, Ron; Tim Simon; Wickham, Jerry, Env. Health
Subject: RE: Aspire Schools Oakland - Construction Project/Cap Modification

Hello Tim, Ron, and Jerry:

I suggest we have a conference call with Jerry and Tim included to discuss the status of the review and approval of final documents and the preliminary design and Aspire's foreseen modifications to the actual cap at the school site.

We may consider a proposal from Aspire to modify the EPA's existing approvals for the cap. I like to discuss that option with all parties and hear from Aspire and the County on any concerns, issues, or ideas they may have regarding this idea. When does Aspire want to start construction of the GYM? What is your schedule for construction?

I am not able to accommodate a conference call this week. Please propose dates and times when you are available the week of June 23rd for a conference call.

Thank you for your courtesies and patience.

Sincerely,

Carmen

Carmen D. Santos
PCB Coordinator
USEPA Region 9 (LND-4-1)
Land Division
75 Hawthorne Street
San Francisco, CA 94105
Voice: 415.972.3360
santos.carmen@epa.gov<mailto:santos.carmen@epa.gov>

"Think left and think right and think low and think high. Oh, the thinks you can think up if only you try!" Dr. Seuss

---

From: Goloubow, Ron [mailto:Ron.Goloubow@arcadis-us.com]
Sent: Thursday, June 12, 2014 1:40 PM
To: Santos, Carmen; Wickham, Jerry, Env. Health
Cc: Tim Simon
Subject: Aspire Schools Oakland - Construction Project/Cap Modification

As we have been discussing, Aspire is preparing to construct a gymnasium at the site in Oakland. ARCADIS will be providing “formal” notification of this cap modification project in the next two to three weeks. The project will be conducted in accordance with soil management plan and the operation and maintenance plan.

As such we would like to know the status of the following:

- The EPA & ACEH’s review of the draft Land Use covenant

- The Case Closure Request for the UST Case (ACEH). Please note we would like to abandon the groundwater monitoring wells as part of the construction project.

Thanks Ron.

Ron Goloubow, P.G. | Principal Geologist | ron.goloubow@arcadis-us.com<mailto:ron.goloubow@arcadis-us.com>
ARCADIS U.S., Inc. | 100 Montgomery Street, Suite 300 | San Francisco, CA 94104
T: 415 432 6942 | M: 510 501 1789

Calscience
Environmental
Laboratories, Inc.

Supplemental Report 1

May 12, 2009

Additional requested analyses are reported as a stand-alone report.

Bryan Evans
Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Subject: **Calscience Work Order No.: 09-05-0519**
Client Reference: SAC Site / 608123

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/7/2009 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Virendra Patel
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3050B / EPA 7471A Total
	Method:	EPA 6020 / EPA 7471A
	Units:	mg/kg
Project: SAC Site / 608123		Page 1 of 4

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-1	**09-05-0519-1-A**	**05/06/09 09:15**	**Solid**	**ICP/MS 03**	**05/07/09**	**05/07/09 23:31**	**090507L10**

Comment(s): -Mercury was analyzed on 5/7/2009 6:45:54 PM with batch 090507L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.500	1		Mercury	ND	0.0835	1	
Arsenic	6.42	1.00	1		Molybdenum	0.499	0.200	1	
Barium	256	0.100	1		Nickel	39.0	0.100	1	
Beryllium	0.527	0.100	1		Selenium	ND	1.00	1	
Cadmium	0.288	0.100	1		Silver	ND	0.100	1	
Chromium	36.2	2.00	1		Thallium	ND	0.100	1	
Cobalt	12.2	0.100	1		Vanadium	46.3	2.00	1	
Copper	29.0	1.00	1		Zinc	98.1	1.00	1	
Lead	8.47	0.100	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-2	**09-05-0519-2-A**	**05/06/09 09:30**	**Solid**	**ICP/MS 03**	**05/07/09**	**05/08/09 16:07**	**090507L10**

Comment(s): -Mercury was analyzed on 5/7/2009 6:48:08 PM with batch 090507L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.500	1		Mercury	ND	0.0835	1	
Arsenic	5.04	1.00	1		Molybdenum	0.391	0.200	1	
Barium	96.7	0.100	1		Nickel	26.0	0.100	1	
Beryllium	0.521	0.100	1		Selenium	ND	1.00	1	
Cadmium	ND	0.100	1		Silver	ND	0.100	1	
Chromium	46.1	2.00	1		Thallium	ND	0.100	1	
Cobalt	25.3	0.100	1		Vanadium	75.4	2.00	1	
Copper	26.6	1.00	1		Zinc	43.5	1.00	1	
Lead	7.98	0.100	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-3	**09-05-0519-3-A**	**05/06/09 09:40**	**Solid**	**ICP/MS 03**	**05/07/09**	**05/07/09 23:51**	**090507L10**

Comment(s): -Mercury was analyzed on 5/7/2009 6:50:22 PM with batch 090507L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.500	1		Mercury	ND	0.0835	1	
Arsenic	4.79	1.00	1		Molybdenum	0.302	0.200	1	
Barium	158	0.100	1		Nickel	43.3	0.100	1	
Beryllium	0.594	0.100	1		Selenium	ND	1.00	1	
Cadmium	0.267	0.100	1		Silver	ND	0.100	1	
Chromium	34.5	2.00	1		Thallium	ND	0.100	1	
Cobalt	8.56	0.100	1		Vanadium	39.4	2.00	1	
Copper	26.8	1.00	1		Zinc	105	1.00	1	
Lead	6.56	0.100	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3050B / EPA 7471A Total
	Method:	EPA 6020 / EPA 7471A
	Units:	mg/kg
Project: SAC Site / 608123		Page 2 of 4

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-4	**09-05-0519-4-A**	**05/06/09 10:00**	**Solid**	**ICP/MS 03**	**05/07/09**	**05/07/09 23:55**	**090507L10**

Comment(s): -Mercury was analyzed on 5/7/2009 6:52:37 PM with batch 090507L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.500	1		Mercury	ND	0.0835	1	
Arsenic	4.01	1.00	1		Molybdenum	0.639	0.200	1	
Barium	146	0.100	1		Nickel	21.1	0.100	1	
Beryllium	0.331	0.100	1		Selenium	ND	1.00	1	
Cadmium	0.240	0.100	1		Silver	ND	0.100	1	
Chromium	36.0	2.00	1		Thallium	ND	0.100	1	
Cobalt	6.63	0.100	1		Vanadium	53.4	2.00	1	
Copper	22.3	1.00	1		Zinc	82.8	1.00	1	
Lead	7.54	0.100	1						

UCB-5	**09-05-0519-5-A**	**05/06/09 10:20**	**Solid**	**ICP/MS 03**	**05/07/09**	**05/08/09 12:45**	**090507L10**

Comment(s): -Mercury was analyzed on 5/7/2009 6:54:52 PM with batch 090507L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.500	1		Mercury	0.112	0.0835	1	
Arsenic	5.58	1.00	1		Molybdenum	0.274	0.200	1	
Barium	148	0.100	1		Nickel	46.3	0.100	1	
Beryllium	0.459	0.100	1		Selenium	ND	1.00	1	
Cadmium	ND	0.100	1		Silver	ND	0.100	1	
Chromium	36.9	2.00	1		Thallium	0.101	0.100	1	
Cobalt	10.0	0.100	1		Vanadium	34.6	2.00	1	
Copper	28.6	1.00	1		Zinc	60.5	1.00	1	
Lead	8.63	0.100	1						

UCB-6	**09-05-0519-6-A**	**05/06/09 10:35**	**Solid**	**ICP/MS 03**	**05/07/09**	**05/08/09 00:03**	**090507L10**

Comment(s): -Mercury was analyzed on 5/7/2009 7:01:43 PM with batch 090507L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.500	1		Mercury	0.121	0.0835	1	
Arsenic	5.74	1.00	1		Molybdenum	0.384	0.200	1	
Barium	216	0.100	1		Nickel	41.7	0.100	1	
Beryllium	0.580	0.100	1		Selenium	ND	1.00	1	
Cadmium	0.310	0.100	1		Silver	ND	0.100	1	
Chromium	39.0	2.00	1		Thallium	ND	0.100	1	
Cobalt	18.4	0.100	1		Vanadium	45.9	2.00	1	
Copper	31.4	1.00	1		Zinc	103	1.00	1	
Lead	8.95	0.100	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Date Received: 05/07/09
Work Order No: 09-05-0519
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6020 / EPA 7471A
Units: mg/kg

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-7	**09-05-0519-7-A**	**05/06/09 10:45**	**Solid**	**ICP/MS 03**	**05/07/09**	**05/08/09 00:07**	**090507L10**

Comment(s): -Mercury was analyzed on 5/7/2009 7:03:59 PM with batch 090507L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.500	1		Mercury	0.292	0.0835	1	
Arsenic	6.12	1.00	1		Molybdenum	0.425	0.200	1	
Barium	245	0.100	1		Nickel	41.3	0.100	1	
Beryllium	0.559	0.100	1		Selenium	ND	1.00	1	
Cadmium	0.332	0.100	1		Silver	ND	0.100	1	
Chromium	38.0	2.00	1		Thallium	ND	0.100	1	
Cobalt	18.8	0.100	1		Vanadium	51.5	2.00	1	
Copper	30.9	1.00	1		Zinc	95.5	1.00	1	
Lead	10.1	0.100	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-8	**09-05-0519-8-A**	**05/06/09 10:50**	**Solid**	**ICP/MS 03**	**05/07/09**	**05/08/09 00:11**	**090507L10**

Comment(s): -Mercury was analyzed on 5/7/2009 7:06:16 PM with batch 090507L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.500	1		Mercury	ND	0.0835	1	
Arsenic	6.26	1.00	1		Molybdenum	0.369	0.200	1	
Barium	173	0.100	1		Nickel	32.1	0.100	1	
Beryllium	0.498	0.100	1		Selenium	ND	1.00	1	
Cadmium	0.324	0.100	1		Silver	ND	0.100	1	
Chromium	40.2	2.00	1		Thallium	ND	0.100	1	
Cobalt	9.13	0.100	1		Vanadium	55.8	2.00	1	
Copper	29.4	1.00	1		Zinc	93.0	1.00	1	
Lead	8.61	0.100	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-9	**09-05-0519-9-A**	**05/06/09 11:15**	**Solid**	**ICP/MS 03**	**05/07/09**	**05/08/09 00:15**	**090507L10**

Comment(s): -Mercury was analyzed on 5/7/2009 7:08:34 PM with batch 090507L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.500	1		Mercury	ND	0.0835	1	
Arsenic	5.51	1.00	1		Molybdenum	0.330	0.200	1	
Barium	143	0.100	1		Nickel	32.7	0.100	1	
Beryllium	0.359	0.100	1		Selenium	ND	1.00	1	
Cadmium	0.281	0.100	1		Silver	ND	0.100	1	
Chromium	26.7	2.00	1		Thallium	ND	0.100	1	
Cobalt	11.9	0.100	1		Vanadium	32.8	2.00	1	
Copper	22.2	1.00	1		Zinc	78.8	1.00	1	
Lead	6.29	0.100	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Date Received: 05/07/09
Work Order No: 09-05-0519
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6020 / EPA 7471A
Units: mg/kg

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-10	**09-05-0519-10-A**	**05/06/09 11:30**	**Solid**	**ICP/MS 03**	**05/07/09**	**05/08/09 00:19**	**090507L10**

Comment(s): -Mercury was analyzed on 5/7/2009 7:10:47 PM with batch 090507L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.500	1		Mercury	ND	0.0835	1	
Arsenic	4.38	1.00	1		Molybdenum	0.238	0.200	1	
Barium	166	0.100	1		Nickel	34.0	0.100	1	
Beryllium	0.415	0.100	1		Selenium	ND	1.00	1	
Cadmium	0.274	0.100	1		Silver	ND	0.100	1	
Chromium	47.3	2.00	1		Thallium	ND	0.100	1	
Cobalt	4.97	0.100	1		Vanadium	53.4	2.00	1	
Copper	27.9	1.00	1		Zinc	96.6	1.00	1	
Lead	6.70	0.100	1						

Method Blank	**096-10-002-1,492**	**N/A**	**Solid**	**ICP/MS 03**	**05/07/09**	**05/08/09 16:03**	**090507L10**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.500	1		Lead	ND	0.100	1	
Arsenic	ND	1.00	1		Molybdenum	ND	0.200	1	
Barium	ND	0.100	1		Nickel	ND	0.100	1	
Beryllium	ND	0.100	1		Selenium	ND	1.00	1	
Cadmium	ND	0.100	1		Silver	ND	0.100	1	
Chromium	ND	2.00	1		Thallium	ND	0.100	1	
Cobalt	ND	0.100	1		Vanadium	ND	2.00	1	
Copper	ND	1.00	1		Zinc	ND	1.00	1	

Method Blank	**099-04-007-6,277**	**N/A**	**Solid**	**Mercury**	**05/07/09**	**05/07/09 13:05**	**090507L01**

Parameter	Result	RL	DF	Qual
Mercury	ND	0.0835	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received: 05/07/09
11555 Dublin Blvd.	Work Order No: 09-05-0519
Dublin, CA 94568-2854	Preparation: N/A
	Method: ASTM D-2216

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-1	**09-05-0519-1-B**	**05/06/09 09:15**	**Solid**	**N/A**	**05/08/09**	**05/08/09 13:00**	**90508MOIB1**

Parameter	Result	RL	DF	Qual	Units
Moisture	20.3	0.100	1		%

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-2	**09-05-0519-2-B**	**05/06/09 09:30**	**Solid**	**N/A**	**05/08/09**	**05/08/09 13:00**	**90508MOIB1**

Parameter	Result	RL	DF	Qual	Units
Moisture	12.0	0.100	1		%

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-3	**09-05-0519-3-B**	**05/06/09 09:40**	**Solid**	**N/A**	**05/08/09**	**05/08/09 13:00**	**90508MOIB1**

Parameter	Result	RL	DF	Qual	Units
Moisture	13.4	0.100	1		%

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-4	**09-05-0519-4-B**	**05/06/09 10:00**	**Solid**	**N/A**	**05/08/09**	**05/08/09 13:00**	**90508MOIB1**

Parameter	Result	RL	DF	Qual	Units
Moisture	16.6	0.100	1		%

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-5	**09-05-0519-5-B**	**05/06/09 10:20**	**Solid**	**N/A**	**05/08/09**	**05/08/09 13:00**	**90508MOIB1**

Parameter	Result	RL	DF	Qual	Units
Moisture	10.5	0.100	1		%

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-6	**09-05-0519-6-B**	**05/06/09 10:35**	**Solid**	**N/A**	**05/08/09**	**05/08/09 13:00**	**90508MOIB1**

Parameter	Result	RL	DF	Qual	Units
Moisture	10.7	0.100	1		%

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received: 05/07/09
11555 Dublin Blvd.	Work Order No: 09-05-0519
Dublin, CA 94568-2854	Preparation: N/A
	Method: ASTM D-2216

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-7	**09-05-0519-7-B**	**05/06/09 10:45**	**Solid**	**N/A**	**05/08/09**	**05/08/09 13:00**	**90508MOIB1**

Parameter	Result	RL	DF	Qual	Units
Moisture	9.40	0.100	1		%

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-8	**09-05-0519-8-B**	**05/06/09 10:50**	**Solid**	**N/A**	**05/08/09**	**05/08/09 13:00**	**90508MOIB1**

Parameter	Result	RL	DF	Qual	Units
Moisture	13.6	0.100	1		%

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-9	**09-05-0519-9-B**	**05/06/09 11:15**	**Solid**	**N/A**	**05/08/09**	**05/08/09 13:00**	**90508MOIB1**

Parameter	Result	RL	DF	Qual	Units
Moisture	13.1	0.100	1		%

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-10	**09-05-0519-10-B**	**05/06/09 11:30**	**Solid**	**N/A**	**05/08/09**	**05/08/09 13:00**	**90508MOIB1**

Parameter	Result	RL	DF	Qual	Units
Moisture	11.4	0.100	1		%

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-05-014-1,423**	**N/A**	**Solid**	**N/A**	**05/08/09**	**05/08/09 13:00**	**90508MOIB1**

Parameter	Result	RL	DF	Qual	Units
Moisture	ND	0.100	1		%

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received: 05/07/09
11555 Dublin Blvd.	Work Order No: 09-05-0519
Dublin, CA 94568-2854	Preparation: EPA 5035
	Method: EPA 8015B (M)

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-1	**09-05-0519-1-D**	**05/06/09 09:15**	**Solid**	**GC 11**	**05/06/09**	**05/09/09 19:44**	**090509B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.28	1.1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	74	60-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-2	**09-05-0519-2-D**	**05/06/09 09:30**	**Solid**	**GC 11**	**05/06/09**	**05/09/09 09:23**	**090508B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.22	0.898		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	78	60-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-3	**09-05-0519-3-D**	**05/06/09 09:40**	**Solid**	**GC 11**	**05/06/09**	**05/09/09 10:00**	**090508B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.21	0.832		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	77	60-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-4	**09-05-0519-4-D**	**05/06/09 10:00**	**Solid**	**GC 11**	**05/06/09**	**05/09/09 10:33**	**090508B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.22	0.879		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	79	60-126	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received: 05/07/09
11555 Dublin Blvd.	Work Order No: 09-05-0519
Dublin, CA 94568-2854	Preparation: EPA 5035
	Method: EPA 8015B (M)

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-5	**09-05-0519-5-E**	**05/06/09 10:20**	**Solid**	**GC 11**	**05/06/09**	**05/11/09 15:03**	**090511B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.21	0.843		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	82	60-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-6	**09-05-0519-6-D**	**05/06/09 10:35**	**Solid**	**GC 11**	**05/06/09**	**05/09/09 11:39**	**090508B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.24	0.971		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	76	60-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-7	**09-05-0519-7-D**	**05/06/09 10:45**	**Solid**	**GC 11**	**05/06/09**	**05/09/09 12:12**	**090508B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.20	0.82		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	76	60-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-8	**09-05-0519-8-D**	**05/06/09 10:50**	**Solid**	**GC 11**	**05/06/09**	**05/09/09 12:45**	**090508B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.19	0.774		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	76	60-126	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received: 05/07/09
11555 Dublin Blvd.	Work Order No: 09-05-0519
Dublin, CA 94568-2854	Preparation: EPA 5035
	Method: EPA 8015B (M)

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-9	**09-05-0519-9-D**	**05/06/09 11:15**	**Solid**	**GC 11**	**05/06/09**	**05/09/09 13:18**	**090508B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.24	0.956		mg/kg
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	73	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-10	**09-05-0519-10-D**	**05/06/09 11:30**	**Solid**	**GC 11**	**05/06/09**	**05/09/09 13:51**	**090508B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.25	1.01		mg/kg
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	74	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-285-1,464**	**N/A**	**Solid**	**GC 11**	**05/08/09**	**05/09/09 00:28**	**090508B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.25	1		mg/kg
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	77	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-285-1,466**	**N/A**	**Solid**	**GC 11**	**05/09/09**	**05/09/09 16:59**	**090509B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.25	1		mg/kg
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	73	60-126			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received: 05/07/09
11555 Dublin Blvd.	Work Order No: 09-05-0519
Dublin, CA 94568-2854	Preparation: EPA 5035
	Method: EPA 8015B (M)

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-285-1,469**	**N/A**	**Solid**	**GC 11**	**05/11/09**	**05/11/09 12:51**	**090511B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.25	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	60	60-126	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.		Date Received:	05/07/09
11555 Dublin Blvd.		Work Order No:	09-05-0519
Dublin, CA 94568-2854		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-1	**09-05-0519-1-A**	**05/06/09 09:15**	**Solid**	**GC 46**	**05/07/09**	**05/07/09 19:15**	**090507B04**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C11-C12	ND		1		C23-C24	ND		1	
C13-C14	ND		1		C25-C28	ND		1	
C15-C16	ND		1		C29-C32	ND		1	
C17-C18	ND		1		C33-C36	ND		1	
C19-C20	ND		1		TPH as Diesel	ND	5.0	1	
C21-C22	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	103	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-2	**09-05-0519-2-A**	**05/06/09 09:30**	**Solid**	**GC 46**	**05/07/09**	**05/07/09 19:31**	**090507B04**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C11-C12	ND		1		C23-C24	ND		1	
C13-C14	ND		1		C25-C28	ND		1	
C15-C16	ND		1		C29-C32	ND		1	
C17-C18	ND		1		C33-C36	ND		1	
C19-C20	ND		1		TPH as Diesel	ND	5.0	1	
C21-C22	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	103	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-3	**09-05-0519-3-A**	**05/06/09 09:40**	**Solid**	**GC 46**	**05/07/09**	**05/07/09 19:47**	**090507B04**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C11-C12	ND		1		C23-C24	ND		1	
C13-C14	ND		1		C25-C28	ND		1	
C15-C16	ND		1		C29-C32	ND		1	
C17-C18	ND		1		C33-C36	ND		1	
C19-C20	ND		1		TPH as Diesel	ND	5.0	1	
C21-C22	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	106	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.		Date Received:	05/07/09
11555 Dublin Blvd.		Work Order No:	09-05-0519
Dublin, CA 94568-2854		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-4	**09-05-0519-4-A**	**05/06/09 10:00**	**Solid**	**GC 46**	**05/07/09**	**05/07/09 20:02**	**090507B04**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C11-C12	ND		1		C23-C24	ND		1	
C13-C14	ND		1		C25-C28	ND		1	
C15-C16	ND		1		C29-C32	ND		1	
C17-C18	ND		1		C33-C36	ND		1	
C19-C20	ND		1		TPH as Diesel	ND	5.0	1	
C21-C22	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	106	61-145	

UCB-5	**09-05-0519-5-A**	**05/06/09 10:20**	**Solid**	**GC 46**	**05/07/09**	**05/07/09 20:18**	**090507B04**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C11-C12	ND		1		C23-C24	ND		1	
C13-C14	ND		1		C25-C28	ND		1	
C15-C16	ND		1		C29-C32	ND		1	
C17-C18	ND		1		C33-C36	ND		1	
C19-C20	ND		1		TPH as Diesel	ND	5.0	1	
C21-C22	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	103	61-145	

UCB-6	**09-05-0519-6-A**	**05/06/09 10:35**	**Solid**	**GC 46**	**05/07/09**	**05/07/09 20:33**	**090507B04**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C11-C12	ND		1		C23-C24	ND		1	
C13-C14	ND		1		C25-C28	ND		1	
C15-C16	ND		1		C29-C32	ND		1	
C17-C18	ND		1		C33-C36	ND		1	
C19-C20	ND		1		TPH as Diesel	ND	5.0	1	
C21-C22	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	97	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.		Date Received:	05/07/09
11555 Dublin Blvd.		Work Order No:	09-05-0519
Dublin, CA 94568-2854		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-7	**09-05-0519-7-A**	**05/06/09 10:45**	**Solid**	**GC 46**	**05/07/09**	**05/07/09 20:49**	**090507B04**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C11-C12	ND		1		C23-C24	ND		1	
C13-C14	ND		1		C25-C28	ND		1	
C15-C16	ND		1		C29-C32	ND		1	
C17-C18	ND		1		C33-C36	ND		1	
C19-C20	ND		1		TPH as Diesel	ND	5.0	1	
C21-C22	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	98	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-8	**09-05-0519-8-A**	**05/06/09 10:50**	**Solid**	**GC 46**	**05/07/09**	**05/07/09 21:04**	**090507B04**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C11-C12	ND		1		C23-C24	ND		1	
C13-C14	ND		1		C25-C28	ND		1	
C15-C16	ND		1		C29-C32	ND		1	
C17-C18	ND		1		C33-C36	ND		1	
C19-C20	ND		1		TPH as Diesel	ND	5.0	1	
C21-C22	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	98	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-9	**09-05-0519-9-A**	**05/06/09 11:15**	**Solid**	**GC 46**	**05/07/09**	**05/07/09 21:20**	**090507B04**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C11-C12	ND		1		C23-C24	ND		1	
C13-C14	ND		1		C25-C28	ND		1	
C15-C16	ND		1		C29-C32	ND		1	
C17-C18	ND		1		C33-C36	ND		1	
C19-C20	ND		1		TPH as Diesel	ND	5.0	1	
C21-C22	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	104	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3550B
	Method:	EPA 8015B (M)
	Units:	mg/kg

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-10	**09-05-0519-10-A**	**05/06/09 11:30**	**Solid**	**GC 46**	**05/07/09**	**05/07/09 21:36**	**090507B04**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C11-C12	ND		1		C23-C24	ND		1	
C13-C14	ND		1		C25-C28	ND		1	
C15-C16	ND		1		C29-C32	ND		1	
C17-C18	ND		1		C33-C36	ND		1	
C19-C20	ND		1		TPH as Diesel	ND	5.0	1	
C21-C22	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	94	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-275-2,704**	**N/A**	**Solid**	**GC 46**	**05/07/09**	**05/07/09 17:49**	**090507B04**

Parameter	Result	RL	DF	Qual
TPH as Diesel	ND	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	106	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.		Date Received:	05/07/09
11555 Dublin Blvd.		Work Order No:	09-05-0519
Dublin, CA 94568-2854		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg
Project: SAC Site / 608123			Page 1 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-1	**09-05-0519-1-B**	**05/06/09 09:15**	**Solid**	**GC 44**	**05/07/09**	**05/09/09 00:29**	**090507L11**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	94	50-130			2,4,5,6-Tetrachloro-m-Xylene	90	50-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-2	**09-05-0519-2-B**	**05/06/09 09:30**	**Solid**	**GC 44**	**05/07/09**	**05/09/09 00:56**	**090507L11**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	96	50-130			2,4,5,6-Tetrachloro-m-Xylene	90	50-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3545
	Method:	EPA 8081A
	Units:	ug/kg
Project: SAC Site / 608123		Page 2 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-3	**09-05-0519-3-B**	**05/06/09 09:40**	**Solid**	**GC 44**	**05/07/09**	**05/09/09 01:23**	**090507L11**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	91	50-130			2,4,5,6-Tetrachloro-m-Xylene	86	50-130		

UCB-4	**09-05-0519-4-B**	**05/06/09 10:00**	**Solid**	**GC 44**	**05/07/09**	**05/09/09 01:51**	**090507L11**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	83	50-130			2,4,5,6-Tetrachloro-m-Xylene	73	50-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3545
	Method:	EPA 8081A
	Units:	ug/kg
Project: SAC Site / 608123		Page 3 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-5	**09-05-0519-5-B**	**05/06/09 10:20**	**Solid**	**GC 44**	**05/07/09**	**05/09/09 02:18**	**090507L11**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	82	50-130			2,4,5,6-Tetrachloro-m-Xylene	75	50-130		

UCB-6	**09-05-0519-6-B**	**05/06/09 10:35**	**Solid**	**GC 44**	**05/07/09**	**05/09/09 02:46**	**090507L11**		

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	85	50-130			2,4,5,6-Tetrachloro-m-Xylene	77	50-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3545
	Method:	EPA 8081A
	Units:	ug/kg
Project: SAC Site / 608123		Page 4 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-7	**09-05-0519-7-B**	**05/06/09 10:45**	**Solid**	**GC 44**	**05/07/09**	**05/09/09 03:13**	**090507L11**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	87	50-130			2,4,5,6-Tetrachloro-m-Xylene	72	50-130		

UCB-8	**09-05-0519-8-B**	**05/06/09 10:50**	**Solid**	**GC 44**	**05/07/09**	**05/09/09 03:40**	**090507L11**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	85	50-130			2,4,5,6-Tetrachloro-m-Xylene	70	50-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3545
	Method:	EPA 8081A
	Units:	ug/kg

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-9	**09-05-0519-9-B**	**05/06/09 11:15**	**Solid**	**GC 44**	**05/07/09**	**05/09/09 04:08**	**090507L11**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	94	50-130			2,4,5,6-Tetrachloro-m-Xylene	85	50-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-10	**09-05-0519-10-B**	**05/06/09 11:30**	**Solid**	**GC 44**	**05/07/09**	**05/09/09 04:35**	**090507L11**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	87	50-130			2,4,5,6-Tetrachloro-m-Xylene	78	50-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3545
	Method:	EPA 8081A
	Units:	ug/kg

Project: SAC Site / 608123 — Page 6 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-537-635**	**N/A**	**Solid**	**GC 44**	**05/07/09**	**05/08/09 10:53**	**090507L11**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	104	50-130			2,4,5,6-Tetrachloro-m-Xylene	105	50-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3545
	Method:	EPA 8082
	Units:	ug/kg
Project: SAC Site / 608123		Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-1	**09-05-0519-1-B**	**05/06/09 09:15**	**Solid**	**GC 31**	**05/07/09**	**05/08/09 19:58**	**090507L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	96	50-130			2,4,5,6-Tetrachloro-m-Xylene	103	50-130		

UCB-2	**09-05-0519-2-B**	**05/06/09 09:30**	**Solid**	**GC 31**	**05/07/09**	**05/08/09 20:17**	**090507L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	96	50-130			2,4,5,6-Tetrachloro-m-Xylene	100	50-130		

UCB-3	**09-05-0519-3-B**	**05/06/09 09:40**	**Solid**	**GC 31**	**05/07/09**	**05/08/09 20:36**	**090507L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	94	50-130			2,4,5,6-Tetrachloro-m-Xylene	96	50-130		

UCB-4	**09-05-0519-4-B**	**05/06/09 10:00**	**Solid**	**GC 31**	**05/07/09**	**05/08/09 20:55**	**090507L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	86	50-130			2,4,5,6-Tetrachloro-m-Xylene	84	50-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3545
	Method:	EPA 8082
	Units:	ug/kg
Project: SAC Site / 608123		Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-5	**09-05-0519-5-B**	**05/06/09 10:20**	**Solid**	**GC 31**	**05/07/09**	**05/08/09 21:14**	**090507L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	87	50-130			2,4,5,6-Tetrachloro-m-Xylene	88	50-130		

UCB-6	**09-05-0519-6-B**	**05/06/09 10:35**	**Solid**	**GC 31**	**05/07/09**	**05/08/09 21:34**	**090507L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	90	50-130			2,4,5,6-Tetrachloro-m-Xylene	90	50-130		

UCB-7	**09-05-0519-7-B**	**05/06/09 10:45**	**Solid**	**GC 31**	**05/07/09**	**05/08/09 21:53**	**090507L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	96	50-130			2,4,5,6-Tetrachloro-m-Xylene	87	50-130		

UCB-8	**09-05-0519-8-B**	**05/06/09 10:50**	**Solid**	**GC 31**	**05/07/09**	**05/08/09 22:12**	**090507L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	90	50-130			2,4,5,6-Tetrachloro-m-Xylene	79	50-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3545
	Method:	EPA 8082
	Units:	ug/kg
Project: SAC Site / 608123		Page 3 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-9	**09-05-0519-9-B**	**05/06/09 11:15**	**Solid**	**GC 31**	**05/07/09**	**05/08/09 22:31**	**090507L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	97	50-130			2,4,5,6-Tetrachloro-m-Xylene	96	50-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-10	**09-05-0519-10-B**	**05/06/09 11:30**	**Solid**	**GC 31**	**05/07/09**	**05/08/09 22:50**	**090507L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	91	50-130			2,4,5,6-Tetrachloro-m-Xylene	90	50-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-535-651**	**N/A**	**Solid**	**GC 31**	**05/07/09**	**05/08/09 19:39**	**090507L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	120	50-130			2,4,5,6-Tetrachloro-m-Xylene	107	50-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3545
	Method:	EPA 8270C
	Units:	mg/kg

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-1	**09-05-0519-1-B**	**05/06/09 09:15**	**Solid**	**GC/MS SS**	**05/07/09**	**05/08/09 20:42**	**090507L13**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	0.50	1		2,4-Dinitrophenol	ND	2.5	1	
Aniline	ND	0.50	1		4-Nitrophenol	ND	0.50	1	
Phenol	ND	0.50	1		Dibenzofuran	ND	0.50	1	
Bis(2-Chloroethyl) Ether	ND	2.5	1		2,4-Dinitrotoluene	ND	0.50	1	
2-Chlorophenol	ND	0.50	1		2,6-Dinitrotoluene	ND	0.50	1	
1,3-Dichlorobenzene	ND	0.50	1		Diethyl Phthalate	ND	0.50	1	
1,4-Dichlorobenzene	ND	0.50	1		4-Chlorophenyl-Phenyl Ether	ND	0.50	1	
Benzyl Alcohol	ND	0.50	1		Fluorene	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		4-Nitroaniline	ND	0.50	1	
2-Methylphenol	ND	0.50	1		Azobenzene	ND	0.50	1	
Bis(2-Chloroisopropyl) Ether	ND	0.50	1		4,6-Dinitro-2-Methylphenol	ND	2.5	1	
3/4-Methylphenol	ND	0.50	1		N-Nitrosodiphenylamine	ND	0.50	1	
N-Nitroso-di-n-propylamine	ND	0.50	1		2,4,6-Trichlorophenol	ND	0.50	1	
Hexachloroethane	ND	0.50	1		4-Bromophenyl-Phenyl Ether	ND	0.50	1	
Nitrobenzene	ND	2.5	1		Hexachlorobenzene	ND	0.50	1	
Isophorone	ND	0.50	1		Pentachlorophenol	ND	2.5	1	
2-Nitrophenol	ND	0.50	1		Phenanthrene	ND	0.50	1	
2,4-Dimethylphenol	ND	0.50	1		Anthracene	ND	0.50	1	
Benzoic Acid	ND	2.5	1		Di-n-Butyl Phthalate	ND	0.50	1	
Bis(2-Chloroethoxy) Methane	ND	0.50	1		Fluoranthene	ND	0.50	1	
2,4-Dichlorophenol	ND	0.50	1		Benzidine	ND	10	1	
1,2,4-Trichlorobenzene	ND	0.50	1		Pyrene	ND	0.50	1	
Naphthalene	ND	0.50	1		Pyridine	ND	0.50	1	
4-Chloroaniline	ND	0.50	1		Butyl Benzyl Phthalate	ND	0.50	1	
Hexachloro-1,3-Butadiene	ND	0.50	1		3,3'-Dichlorobenzidine	ND	10	1	
4-Chloro-3-Methylphenol	ND	0.50	1		Benzo (a) Anthracene	ND	0.50	1	
2-Methylnaphthalene	ND	0.50	1		Bis(2-Ethylhexyl) Phthalate	ND	0.50	1	
1-Methylnaphthalene	ND	0.50	1		Chrysene	ND	0.50	1	
Hexachlorocyclopentadiene	ND	2.5	1		Di-n-Octyl Phthalate	ND	0.50	1	
2,4,5-Trichlorophenol	ND	0.50	1		Benzo (k) Fluoranthene	ND	0.50	1	
2-Chloronaphthalene	ND	0.50	1		Benzo (b) Fluoranthene	ND	0.50	1	
2-Nitroaniline	ND	0.50	1		Benzo (a) Pyrene	ND	0.50	1	
Dimethyl Phthalate	ND	0.50	1		Indeno (1,2,3-c,d) Pyrene	ND	0.50	1	
Acenaphthylene	ND	0.50	1		Dibenz (a,h) Anthracene	ND	0.50	1	
3-Nitroaniline	ND	0.50	1		Benzo (g,h,i) Perylene	ND	0.50	1	
Acenaphthene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	96	42-120		Phenol-d6	101	46-118	
Nitrobenzene-d5	105	42-150		2-Fluorobiphenyl	97	38-134	
2,4,6-Tribromophenol	87	36-132		p-Terphenyl-d14	114	35-167	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3545
	Method:	EPA 8270C
	Units:	mg/kg

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-2	**09-05-0519-2-B**	**05/06/09 09:30**	**Solid**	**GC/MS SS**	**05/07/09**	**05/08/09 21:08**	**090507L13**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	0.50	1		2,4-Dinitrophenol	ND	2.5	1	
Aniline	ND	0.50	1		4-Nitrophenol	ND	0.50	1	
Phenol	ND	0.50	1		Dibenzofuran	ND	0.50	1	
Bis(2-Chloroethyl) Ether	ND	2.5	1		2,4-Dinitrotoluene	ND	0.50	1	
2-Chlorophenol	ND	0.50	1		2,6-Dinitrotoluene	ND	0.50	1	
1,3-Dichlorobenzene	ND	0.50	1		Diethyl Phthalate	ND	0.50	1	
1,4-Dichlorobenzene	ND	0.50	1		4-Chlorophenyl-Phenyl Ether	ND	0.50	1	
Benzyl Alcohol	ND	0.50	1		Fluorene	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		4-Nitroaniline	ND	0.50	1	
2-Methylphenol	ND	0.50	1		Azobenzene	ND	0.50	1	
Bis(2-Chloroisopropyl) Ether	ND	0.50	1		4,6-Dinitro-2-Methylphenol	ND	2.5	1	
3/4-Methylphenol	ND	0.50	1		N-Nitrosodiphenylamine	ND	0.50	1	
N-Nitroso-di-n-propylamine	ND	0.50	1		2,4,6-Trichlorophenol	ND	0.50	1	
Hexachloroethane	ND	0.50	1		4-Bromophenyl-Phenyl Ether	ND	0.50	1	
Nitrobenzene	ND	2.5	1		Hexachlorobenzene	ND	0.50	1	
Isophorone	ND	0.50	1		Pentachlorophenol	ND	2.5	1	
2-Nitrophenol	ND	0.50	1		Phenanthrene	ND	0.50	1	
2,4-Dimethylphenol	ND	0.50	1		Anthracene	ND	0.50	1	
Benzoic Acid	ND	2.5	1		Di-n-Butyl Phthalate	ND	0.50	1	
Bis(2-Chloroethoxy) Methane	ND	0.50	1		Fluoranthene	ND	0.50	1	
2,4-Dichlorophenol	ND	0.50	1		Benzidine	ND	10	1	
1,2,4-Trichlorobenzene	ND	0.50	1		Pyrene	ND	0.50	1	
Naphthalene	ND	0.50	1		Pyridine	ND	0.50	1	
4-Chloroaniline	ND	0.50	1		Butyl Benzyl Phthalate	ND	0.50	1	
Hexachloro-1,3-Butadiene	ND	0.50	1		3,3'-Dichlorobenzidine	ND	10	1	
4-Chloro-3-Methylphenol	ND	0.50	1		Benzo (a) Anthracene	ND	0.50	1	
2-Methylnaphthalene	ND	0.50	1		Bis(2-Ethylhexyl) Phthalate	ND	0.50	1	
1-Methylnaphthalene	ND	0.50	1		Chrysene	ND	0.50	1	
Hexachlorocyclopentadiene	ND	2.5	1		Di-n-Octyl Phthalate	ND	0.50	1	
2,4,5-Trichlorophenol	ND	0.50	1		Benzo (k) Fluoranthene	ND	0.50	1	
2-Chloronaphthalene	ND	0.50	1		Benzo (b) Fluoranthene	ND	0.50	1	
2-Nitroaniline	ND	0.50	1		Benzo (a) Pyrene	ND	0.50	1	
Dimethyl Phthalate	ND	0.50	1		Indeno (1,2,3-c,d) Pyrene	ND	0.50	1	
Acenaphthylene	ND	0.50	1		Dibenz (a,h) Anthracene	ND	0.50	1	
3-Nitroaniline	ND	0.50	1		Benzo (g,h,i) Perylene	ND	0.50	1	
Acenaphthene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	71	42-120		Phenol-d6	78	46-118	
Nitrobenzene-d5	89	42-150		2-Fluorobiphenyl	88	38-134	
2,4,6-Tribromophenol	63	36-132		p-Terphenyl-d14	100	35-167	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3545
	Method:	EPA 8270C
	Units:	mg/kg

Project: SAC Site / 608123 — Page 3 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-3	**09-05-0519-3-B**	**05/06/09 09:40**	**Solid**	**GC/MS SS**	**05/07/09**	**05/08/09 21:34**	**090507L13**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	0.50	1		2,4-Dinitrophenol	ND	2.5	1	
Aniline	ND	0.50	1		4-Nitrophenol	ND	0.50	1	
Phenol	ND	0.50	1		Dibenzofuran	ND	0.50	1	
Bis(2-Chloroethyl) Ether	ND	2.5	1		2,4-Dinitrotoluene	ND	0.50	1	
2-Chlorophenol	ND	0.50	1		2,6-Dinitrotoluene	ND	0.50	1	
1,3-Dichlorobenzene	ND	0.50	1		Diethyl Phthalate	ND	0.50	1	
1,4-Dichlorobenzene	ND	0.50	1		4-Chlorophenyl-Phenyl Ether	ND	0.50	1	
Benzyl Alcohol	ND	0.50	1		Fluorene	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		4-Nitroaniline	ND	0.50	1	
2-Methylphenol	ND	0.50	1		Azobenzene	ND	0.50	1	
Bis(2-Chloroisopropyl) Ether	ND	0.50	1		4,6-Dinitro-2-Methylphenol	ND	2.5	1	
3/4-Methylphenol	ND	0.50	1		N-Nitrosodiphenylamine	ND	0.50	1	
N-Nitroso-di-n-propylamine	ND	0.50	1		2,4,6-Trichlorophenol	ND	0.50	1	
Hexachloroethane	ND	0.50	1		4-Bromophenyl-Phenyl Ether	ND	0.50	1	
Nitrobenzene	ND	2.5	1		Hexachlorobenzene	ND	0.50	1	
Isophorone	ND	0.50	1		Pentachlorophenol	ND	2.5	1	
2-Nitrophenol	ND	0.50	1		Phenanthrene	ND	0.50	1	
2,4-Dimethylphenol	ND	0.50	1		Anthracene	ND	0.50	1	
Benzoic Acid	ND	2.5	1		Di-n-Butyl Phthalate	ND	0.50	1	
Bis(2-Chloroethoxy) Methane	ND	0.50	1		Fluoranthene	ND	0.50	1	
2,4-Dichlorophenol	ND	0.50	1		Benzidine	ND	10	1	
1,2,4-Trichlorobenzene	ND	0.50	1		Pyrene	ND	0.50	1	
Naphthalene	ND	0.50	1		Pyridine	ND	0.50	1	
4-Chloroaniline	ND	0.50	1		Butyl Benzyl Phthalate	ND	0.50	1	
Hexachloro-1,3-Butadiene	ND	0.50	1		3,3'-Dichlorobenzidine	ND	10	1	
4-Chloro-3-Methylphenol	ND	0.50	1		Benzo (a) Anthracene	ND	0.50	1	
2-Methylnaphthalene	ND	0.50	1		Bis(2-Ethylhexyl) Phthalate	ND	0.50	1	
1-Methylnaphthalene	ND	0.50	1		Chrysene	ND	0.50	1	
Hexachlorocyclopentadiene	ND	2.5	1		Di-n-Octyl Phthalate	ND	0.50	1	
2,4,5-Trichlorophenol	ND	0.50	1		Benzo (k) Fluoranthene	ND	0.50	1	
2-Chloronaphthalene	ND	0.50	1		Benzo (b) Fluoranthene	ND	0.50	1	
2-Nitroaniline	ND	0.50	1		Benzo (a) Pyrene	ND	0.50	1	
Dimethyl Phthalate	ND	0.50	1		Indeno (1,2,3-c,d) Pyrene	ND	0.50	1	
Acenaphthylene	ND	0.50	1		Dibenz (a,h) Anthracene	ND	0.50	1	
3-Nitroaniline	ND	0.50	1		Benzo (g,h,i) Perylene	ND	0.50	1	
Acenaphthene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	71	42-120		Phenol-d6	78	46-118	
Nitrobenzene-d5	88	42-150		2-Fluorobiphenyl	82	38-134	
2,4,6-Tribromophenol	64	36-132		p-Terphenyl-d14	94	35-167	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.		Date Received:	05/07/09
11555 Dublin Blvd.		Work Order No:	09-05-0519
Dublin, CA 94568-2854		Preparation:	EPA 3545
		Method:	EPA 8270C
		Units:	mg/kg
Project: SAC Site / 608123			Page 4 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-4	**09-05-0519-4-B**	**05/06/09 10:00**	**Solid**	**GC/MS SS**	**05/07/09**	**05/08/09 21:05**	**090507L13**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	0.50	1		2,4-Dinitrophenol	ND	2.5	1	
Aniline	ND	0.50	1		4-Nitrophenol	ND	0.50	1	
Phenol	ND	0.50	1		Dibenzofuran	ND	0.50	1	
Bis(2-Chloroethyl) Ether	ND	2.5	1		2,4-Dinitrotoluene	ND	0.50	1	
2-Chlorophenol	ND	0.50	1		2,6-Dinitrotoluene	ND	0.50	1	
1,3-Dichlorobenzene	ND	0.50	1		Diethyl Phthalate	ND	0.50	1	
1,4-Dichlorobenzene	ND	0.50	1		4-Chlorophenyl-Phenyl Ether	ND	0.50	1	
Benzyl Alcohol	ND	0.50	1		Fluorene	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		4-Nitroaniline	ND	0.50	1	
2-Methylphenol	ND	0.50	1		Azobenzene	ND	0.50	1	
Bis(2-Chloroisopropyl) Ether	ND	0.50	1		4,6-Dinitro-2-Methylphenol	ND	2.5	1	
3/4-Methylphenol	ND	0.50	1		N-Nitrosodiphenylamine	ND	0.50	1	
N-Nitroso-di-n-propylamine	ND	0.50	1		2,4,6-Trichlorophenol	ND	0.50	1	
Hexachloroethane	ND	0.50	1		4-Bromophenyl-Phenyl Ether	ND	0.50	1	
Nitrobenzene	ND	2.5	1		Hexachlorobenzene	ND	0.50	1	
Isophorone	ND	0.50	1		Pentachlorophenol	ND	2.5	1	
2-Nitrophenol	ND	0.50	1		Phenanthrene	ND	0.50	1	
2,4-Dimethylphenol	ND	0.50	1		Anthracene	ND	0.50	1	
Benzoic Acid	ND	2.5	1		Di-n-Butyl Phthalate	ND	0.50	1	
Bis(2-Chloroethoxy) Methane	ND	0.50	1		Fluoranthene	ND	0.50	1	
2,4-Dichlorophenol	ND	0.50	1		Benzidine	ND	10	1	
1,2,4-Trichlorobenzene	ND	0.50	1		Pyrene	ND	0.50	1	
Naphthalene	ND	0.50	1		Pyridine	ND	0.50	1	
4-Chloroaniline	ND	0.50	1		Butyl Benzyl Phthalate	ND	0.50	1	
Hexachloro-1,3-Butadiene	ND	0.50	1		3,3'-Dichlorobenzidine	ND	10	1	
4-Chloro-3-Methylphenol	ND	0.50	1		Benzo (a) Anthracene	ND	0.50	1	
2-Methylnaphthalene	ND	0.50	1		Bis(2-Ethylhexyl) Phthalate	ND	0.50	1	
1-Methylnaphthalene	ND	0.50	1		Chrysene	ND	0.50	1	
Hexachlorocyclopentadiene	ND	2.5	1		Di-n-Octyl Phthalate	ND	0.50	1	
2,4,5-Trichlorophenol	ND	0.50	1		Benzo (k) Fluoranthene	ND	0.50	1	
2-Chloronaphthalene	ND	0.50	1		Benzo (b) Fluoranthene	ND	0.50	1	
2-Nitroaniline	ND	0.50	1		Benzo (a) Pyrene	ND	0.50	1	
Dimethyl Phthalate	ND	0.50	1		Indeno (1,2,3-c,d) Pyrene	ND	0.50	1	
Acenaphthylene	ND	0.50	1		Dibenz (a,h) Anthracene	ND	0.50	1	
3-Nitroaniline	ND	0.50	1		Benzo (g,h,i) Perylene	ND	0.50	1	
Acenaphthene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	77	42-120		Phenol-d6	81	46-118	
Nitrobenzene-d5	88	42-150		2-Fluorobiphenyl	83	38-134	
2,4,6-Tribromophenol	76	36-132		p-Terphenyl-d14	179	35-167	2

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.		Date Received:	05/07/09
11555 Dublin Blvd.		Work Order No:	09-05-0519
Dublin, CA 94568-2854		Preparation:	EPA 3545
		Method:	EPA 8270C
		Units:	mg/kg
Project: SAC Site / 608123			Page 5 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-5	**09-05-0519-5-B**	**05/06/09 10:20**	**Solid**	**GC/MS SS**	**05/07/09**	**05/08/09 21:30**	**090507L13**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	0.50	1		2,4-Dinitrophenol	ND	2.5	1	
Aniline	ND	0.50	1		4-Nitrophenol	ND	0.50	1	
Phenol	ND	0.50	1		Dibenzofuran	ND	0.50	1	
Bis(2-Chloroethyl) Ether	ND	2.5	1		2,4-Dinitrotoluene	ND	0.50	1	
2-Chlorophenol	ND	0.50	1		2,6-Dinitrotoluene	ND	0.50	1	
1,3-Dichlorobenzene	ND	0.50	1		Diethyl Phthalate	ND	0.50	1	
1,4-Dichlorobenzene	ND	0.50	1		4-Chlorophenyl-Phenyl Ether	ND	0.50	1	
Benzyl Alcohol	ND	0.50	1		Fluorene	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		4-Nitroaniline	ND	0.50	1	
2-Methylphenol	ND	0.50	1		Azobenzene	ND	0.50	1	
Bis(2-Chloroisopropyl) Ether	ND	0.50	1		4,6-Dinitro-2-Methylphenol	ND	2.5	1	
3/4-Methylphenol	ND	0.50	1		N-Nitrosodiphenylamine	ND	0.50	1	
N-Nitroso-di-n-propylamine	ND	0.50	1		2,4,6-Trichlorophenol	ND	0.50	1	
Hexachloroethane	ND	0.50	1		4-Bromophenyl-Phenyl Ether	ND	0.50	1	
Nitrobenzene	ND	2.5	1		Hexachlorobenzene	ND	0.50	1	
Isophorone	ND	0.50	1		Pentachlorophenol	ND	2.5	1	
2-Nitrophenol	ND	0.50	1		Phenanthrene	ND	0.50	1	
2,4-Dimethylphenol	ND	0.50	1		Anthracene	ND	0.50	1	
Benzoic Acid	ND	2.5	1		Di-n-Butyl Phthalate	ND	0.50	1	
Bis(2-Chloroethoxy) Methane	ND	0.50	1		Fluoranthene	ND	0.50	1	
2,4-Dichlorophenol	ND	0.50	1		Benzidine	ND	10	1	
1,2,4-Trichlorobenzene	ND	0.50	1		Pyrene	ND	0.50	1	
Naphthalene	ND	0.50	1		Pyridine	ND	0.50	1	
4-Chloroaniline	ND	0.50	1		Butyl Benzyl Phthalate	ND	0.50	1	
Hexachloro-1,3-Butadiene	ND	0.50	1		3,3'-Dichlorobenzidine	ND	10	1	
4-Chloro-3-Methylphenol	ND	0.50	1		Benzo (a) Anthracene	ND	0.50	1	
2-Methylnaphthalene	ND	0.50	1		Bis(2-Ethylhexyl) Phthalate	ND	0.50	1	
1-Methylnaphthalene	ND	0.50	1		Chrysene	ND	0.50	1	
Hexachlorocyclopentadiene	ND	2.5	1		Di-n-Octyl Phthalate	ND	0.50	1	
2,4,5-Trichlorophenol	ND	0.50	1		Benzo (k) Fluoranthene	ND	0.50	1	
2-Chloronaphthalene	ND	0.50	1		Benzo (b) Fluoranthene	ND	0.50	1	
2-Nitroaniline	ND	0.50	1		Benzo (a) Pyrene	ND	0.50	1	
Dimethyl Phthalate	ND	0.50	1		Indeno (1,2,3-c,d) Pyrene	ND	0.50	1	
Acenaphthylene	ND	0.50	1		Dibenz (a,h) Anthracene	ND	0.50	1	
3-Nitroaniline	ND	0.50	1		Benzo (g,h,i) Perylene	ND	0.50	1	
Acenaphthene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	83	42-120		Phenol-d6	86	46-118	
Nitrobenzene-d5	93	42-150		2-Fluorobiphenyl	79	38-134	
2,4,6-Tribromophenol	79	36-132		p-Terphenyl-d14	175	35-167	2

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.		Date Received:	05/07/09
11555 Dublin Blvd.		Work Order No:	09-05-0519
Dublin, CA 94568-2854		Preparation:	EPA 3545
		Method:	EPA 8270C
		Units:	mg/kg
Project: SAC Site / 608123			Page 6 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-6	**09-05-0519-6-B**	**05/06/09 10:35**	**Solid**	**GC/MS SS**	**05/07/09**	**05/08/09 18:29**	**090507L13**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	0.50	1		2,4-Dinitrophenol	ND	2.5	1	
Aniline	ND	0.50	1		4-Nitrophenol	ND	0.50	1	
Phenol	ND	0.50	1		Dibenzofuran	ND	0.50	1	
Bis(2-Chloroethyl) Ether	ND	2.5	1		2,4-Dinitrotoluene	ND	0.50	1	
2-Chlorophenol	ND	0.50	1		2,6-Dinitrotoluene	ND	0.50	1	
1,3-Dichlorobenzene	ND	0.50	1		Diethyl Phthalate	ND	0.50	1	
1,4-Dichlorobenzene	ND	0.50	1		4-Chlorophenyl-Phenyl Ether	ND	0.50	1	
Benzyl Alcohol	ND	0.50	1		Fluorene	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		4-Nitroaniline	ND	0.50	1	
2-Methylphenol	ND	0.50	1		Azobenzene	ND	0.50	1	
Bis(2-Chloroisopropyl) Ether	ND	0.50	1		4,6-Dinitro-2-Methylphenol	ND	2.5	1	
3/4-Methylphenol	ND	0.50	1		N-Nitrosodiphenylamine	ND	0.50	1	
N-Nitroso-di-n-propylamine	ND	0.50	1		2,4,6-Trichlorophenol	ND	0.50	1	
Hexachloroethane	ND	0.50	1		4-Bromophenyl-Phenyl Ether	ND	0.50	1	
Nitrobenzene	ND	2.5	1		Hexachlorobenzene	ND	0.50	1	
Isophorone	ND	0.50	1		Pentachlorophenol	ND	2.5	1	
2-Nitrophenol	ND	0.50	1		Phenanthrene	ND	0.50	1	
2,4-Dimethylphenol	ND	0.50	1		Anthracene	ND	0.50	1	
Benzoic Acid	ND	2.5	1		Di-n-Butyl Phthalate	ND	0.50	1	
Bis(2-Chloroethoxy) Methane	ND	0.50	1		Fluoranthene	ND	0.50	1	
2,4-Dichlorophenol	ND	0.50	1		Benzidine	ND	10	1	
1,2,4-Trichlorobenzene	ND	0.50	1		Pyrene	ND	0.50	1	
Naphthalene	ND	0.50	1		Pyridine	ND	0.50	1	
4-Chloroaniline	ND	0.50	1		Butyl Benzyl Phthalate	ND	0.50	1	
Hexachloro-1,3-Butadiene	ND	0.50	1		3,3'-Dichlorobenzidine	ND	10	1	
4-Chloro-3-Methylphenol	ND	0.50	1		Benzo (a) Anthracene	ND	0.50	1	
2-Methylnaphthalene	ND	0.50	1		Bis(2-Ethylhexyl) Phthalate	ND	0.50	1	
1-Methylnaphthalene	ND	0.50	1		Chrysene	ND	0.50	1	
Hexachlorocyclopentadiene	ND	2.5	1		Di-n-Octyl Phthalate	ND	0.50	1	
2,4,5-Trichlorophenol	ND	0.50	1		Benzo (k) Fluoranthene	ND	0.50	1	
2-Chloronaphthalene	ND	0.50	1		Benzo (b) Fluoranthene	ND	0.50	1	
2-Nitroaniline	ND	0.50	1		Benzo (a) Pyrene	ND	0.50	1	
Dimethyl Phthalate	ND	0.50	1		Indeno (1,2,3-c,d) Pyrene	ND	0.50	1	
Acenaphthylene	ND	0.50	1		Dibenz (a,h) Anthracene	ND	0.50	1	
3-Nitroaniline	ND	0.50	1		Benzo (g,h,i) Perylene	ND	0.50	1	
Acenaphthene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	72	42-120		Phenol-d6	78	46-118	
Nitrobenzene-d5	83	42-150		2-Fluorobiphenyl	81	38-134	
2,4,6-Tribromophenol	65	36-132		p-Terphenyl-d14	94	35-167	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.		Date Received:	05/07/09
11555 Dublin Blvd.		Work Order No:	09-05-0519
Dublin, CA 94568-2854		Preparation:	EPA 3545
		Method:	EPA 8270C
		Units:	mg/kg
Project: SAC Site / 608123			Page 7 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-7	**09-05-0519-7-B**	**05/06/09 10:45**	**Solid**	**GC/MS SS**	**05/07/09**	**05/08/09 18:55**	**090507L13**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	0.50	1		2,4-Dinitrophenol	ND	2.5	1	
Aniline	ND	0.50	1		4-Nitrophenol	ND	0.50	1	
Phenol	ND	0.50	1		Dibenzofuran	ND	0.50	1	
Bis(2-Chloroethyl) Ether	ND	2.5	1		2,4-Dinitrotoluene	ND	0.50	1	
2-Chlorophenol	ND	0.50	1		2,6-Dinitrotoluene	ND	0.50	1	
1,3-Dichlorobenzene	ND	0.50	1		Diethyl Phthalate	ND	0.50	1	
1,4-Dichlorobenzene	ND	0.50	1		4-Chlorophenyl-Phenyl Ether	ND	0.50	1	
Benzyl Alcohol	ND	0.50	1		Fluorene	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		4-Nitroaniline	ND	0.50	1	
2-Methylphenol	ND	0.50	1		Azobenzene	ND	0.50	1	
Bis(2-Chloroisopropyl) Ether	ND	0.50	1		4,6-Dinitro-2-Methylphenol	ND	2.5	1	
3/4-Methylphenol	ND	0.50	1		N-Nitrosodiphenylamine	ND	0.50	1	
N-Nitroso-di-n-propylamine	ND	0.50	1		2,4,6-Trichlorophenol	ND	0.50	1	
Hexachloroethane	ND	0.50	1		4-Bromophenyl-Phenyl Ether	ND	0.50	1	
Nitrobenzene	ND	2.5	1		Hexachlorobenzene	ND	0.50	1	
Isophorone	ND	0.50	1		Pentachlorophenol	ND	2.5	1	
2-Nitrophenol	ND	0.50	1		Phenanthrene	ND	0.50	1	
2,4-Dimethylphenol	ND	0.50	1		Anthracene	ND	0.50	1	
Benzoic Acid	ND	2.5	1		Di-n-Butyl Phthalate	ND	0.50	1	
Bis(2-Chloroethoxy) Methane	ND	0.50	1		Fluoranthene	ND	0.50	1	
2,4-Dichlorophenol	ND	0.50	1		Benzidine	ND	10	1	
1,2,4-Trichlorobenzene	ND	0.50	1		Pyrene	ND	0.50	1	
Naphthalene	ND	0.50	1		Pyridine	ND	0.50	1	
4-Chloroaniline	ND	0.50	1		Butyl Benzyl Phthalate	ND	0.50	1	
Hexachloro-1,3-Butadiene	ND	0.50	1		3,3'-Dichlorobenzidine	ND	10	1	
4-Chloro-3-Methylphenol	ND	0.50	1		Benzo (a) Anthracene	ND	0.50	1	
2-Methylnaphthalene	ND	0.50	1		Bis(2-Ethylhexyl) Phthalate	ND	0.50	1	
1-Methylnaphthalene	ND	0.50	1		Chrysene	ND	0.50	1	
Hexachlorocyclopentadiene	ND	2.5	1		Di-n-Octyl Phthalate	ND	0.50	1	
2,4,5-Trichlorophenol	ND	0.50	1		Benzo (k) Fluoranthene	ND	0.50	1	
2-Chloronaphthalene	ND	0.50	1		Benzo (b) Fluoranthene	ND	0.50	1	
2-Nitroaniline	ND	0.50	1		Benzo (a) Pyrene	ND	0.50	1	
Dimethyl Phthalate	ND	0.50	1		Indeno (1,2,3-c,d) Pyrene	ND	0.50	1	
Acenaphthylene	ND	0.50	1		Dibenz (a,h) Anthracene	ND	0.50	1	
3-Nitroaniline	ND	0.50	1		Benzo (g,h,i) Perylene	ND	0.50	1	
Acenaphthene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	65	42-120		Phenol-d6	72	46-118	
Nitrobenzene-d5	82	42-150		2-Fluorobiphenyl	81	38-134	
2,4,6-Tribromophenol	59	36-132		p-Terphenyl-d14	91	35-167	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3545
	Method:	EPA 8270C
	Units:	mg/kg

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-8	**09-05-0519-8-B**	**05/06/09 10:50**	**Solid**	**GC/MS SS**	**05/07/09**	**05/08/09 19:22**	**090507L13**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	0.50	1		2,4-Dinitrophenol	ND	2.5	1	
Aniline	ND	0.50	1		4-Nitrophenol	ND	0.50	1	
Phenol	ND	0.50	1		Dibenzofuran	ND	0.50	1	
Bis(2-Chloroethyl) Ether	ND	2.5	1		2,4-Dinitrotoluene	ND	0.50	1	
2-Chlorophenol	ND	0.50	1		2,6-Dinitrotoluene	ND	0.50	1	
1,3-Dichlorobenzene	ND	0.50	1		Diethyl Phthalate	ND	0.50	1	
1,4-Dichlorobenzene	ND	0.50	1		4-Chlorophenyl-Phenyl Ether	ND	0.50	1	
Benzyl Alcohol	ND	0.50	1		Fluorene	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		4-Nitroaniline	ND	0.50	1	
2-Methylphenol	ND	0.50	1		Azobenzene	ND	0.50	1	
Bis(2-Chloroisopropyl) Ether	ND	0.50	1		4,6-Dinitro-2-Methylphenol	ND	2.5	1	
3/4-Methylphenol	ND	0.50	1		N-Nitrosodiphenylamine	ND	0.50	1	
N-Nitroso-di-n-propylamine	ND	0.50	1		2,4,6-Trichlorophenol	ND	0.50	1	
Hexachloroethane	ND	0.50	1		4-Bromophenyl-Phenyl Ether	ND	0.50	1	
Nitrobenzene	ND	2.5	1		Hexachlorobenzene	ND	0.50	1	
Isophorone	ND	0.50	1		Pentachlorophenol	ND	2.5	1	
2-Nitrophenol	ND	0.50	1		Phenanthrene	ND	0.50	1	
2,4-Dimethylphenol	ND	0.50	1		Anthracene	ND	0.50	1	
Benzoic Acid	ND	2.5	1		Di-n-Butyl Phthalate	ND	0.50	1	
Bis(2-Chloroethoxy) Methane	ND	0.50	1		Fluoranthene	ND	0.50	1	
2,4-Dichlorophenol	ND	0.50	1		Benzidine	ND	10	1	
1,2,4-Trichlorobenzene	ND	0.50	1		Pyrene	ND	0.50	1	
Naphthalene	ND	0.50	1		Pyridine	ND	0.50	1	
4-Chloroaniline	ND	0.50	1		Butyl Benzyl Phthalate	ND	0.50	1	
Hexachloro-1,3-Butadiene	ND	0.50	1		3,3'-Dichlorobenzidine	ND	10	1	
4-Chloro-3-Methylphenol	ND	0.50	1		Benzo (a) Anthracene	ND	0.50	1	
2-Methylnaphthalene	ND	0.50	1		Bis(2-Ethylhexyl) Phthalate	ND	0.50	1	
1-Methylnaphthalene	ND	0.50	1		Chrysene	ND	0.50	1	
Hexachlorocyclopentadiene	ND	2.5	1		Di-n-Octyl Phthalate	ND	0.50	1	
2,4,5-Trichlorophenol	ND	0.50	1		Benzo (k) Fluoranthene	ND	0.50	1	
2-Chloronaphthalene	ND	0.50	1		Benzo (b) Fluoranthene	ND	0.50	1	
2-Nitroaniline	ND	0.50	1		Benzo (a) Pyrene	ND	0.50	1	
Dimethyl Phthalate	ND	0.50	1		Indeno (1,2,3-c,d) Pyrene	ND	0.50	1	
Acenaphthylene	ND	0.50	1		Dibenz (a,h) Anthracene	ND	0.50	1	
3-Nitroaniline	ND	0.50	1		Benzo (g,h,i) Perylene	ND	0.50	1	
Acenaphthene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	73	42-120		Phenol-d6	80	46-118	
Nitrobenzene-d5	90	42-150		2-Fluorobiphenyl	88	38-134	
2,4,6-Tribromophenol	60	36-132		p-Terphenyl-d14	103	35-167	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3545
	Method:	EPA 8270C
	Units:	mg/kg

Project: SAC Site / 608123 — Page 9 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-9	**09-05-0519-9-B**	**05/06/09 11:15**	**Solid**	**GC/MS SS**	**05/07/09**	**05/08/09 19:48**	**090507L13**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	0.50	1		2,4-Dinitrophenol	ND	2.5	1	
Aniline	ND	0.50	1		4-Nitrophenol	ND	0.50	1	
Phenol	ND	0.50	1		Dibenzofuran	ND	0.50	1	
Bis(2-Chloroethyl) Ether	ND	2.5	1		2,4-Dinitrotoluene	ND	0.50	1	
2-Chlorophenol	ND	0.50	1		2,6-Dinitrotoluene	ND	0.50	1	
1,3-Dichlorobenzene	ND	0.50	1		Diethyl Phthalate	ND	0.50	1	
1,4-Dichlorobenzene	ND	0.50	1		4-Chlorophenyl-Phenyl Ether	ND	0.50	1	
Benzyl Alcohol	ND	0.50	1		Fluorene	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		4-Nitroaniline	ND	0.50	1	
2-Methylphenol	ND	0.50	1		Azobenzene	ND	0.50	1	
Bis(2-Chloroisopropyl) Ether	ND	0.50	1		4,6-Dinitro-2-Methylphenol	ND	2.5	1	
3/4-Methylphenol	ND	0.50	1		N-Nitrosodiphenylamine	ND	0.50	1	
N-Nitroso-di-n-propylamine	ND	0.50	1		2,4,6-Trichlorophenol	ND	0.50	1	
Hexachloroethane	ND	0.50	1		4-Bromophenyl-Phenyl Ether	ND	0.50	1	
Nitrobenzene	ND	2.5	1		Hexachlorobenzene	ND	0.50	1	
Isophorone	ND	0.50	1		Pentachlorophenol	ND	2.5	1	
2-Nitrophenol	ND	0.50	1		Phenanthrene	ND	0.50	1	
2,4-Dimethylphenol	ND	0.50	1		Anthracene	ND	0.50	1	
Benzoic Acid	ND	2.5	1		Di-n-Butyl Phthalate	ND	0.50	1	
Bis(2-Chloroethoxy) Methane	ND	0.50	1		Fluoranthene	ND	0.50	1	
2,4-Dichlorophenol	ND	0.50	1		Benzidine	ND	10	1	
1,2,4-Trichlorobenzene	ND	0.50	1		Pyrene	ND	0.50	1	
Naphthalene	ND	0.50	1		Pyridine	ND	0.50	1	
4-Chloroaniline	ND	0.50	1		Butyl Benzyl Phthalate	ND	0.50	1	
Hexachloro-1,3-Butadiene	ND	0.50	1		3,3'-Dichlorobenzidine	ND	10	1	
4-Chloro-3-Methylphenol	ND	0.50	1		Benzo (a) Anthracene	ND	0.50	1	
2-Methylnaphthalene	ND	0.50	1		Bis(2-Ethylhexyl) Phthalate	ND	0.50	1	
1-Methylnaphthalene	ND	0.50	1		Chrysene	ND	0.50	1	
Hexachlorocyclopentadiene	ND	2.5	1		Di-n-Octyl Phthalate	ND	0.50	1	
2,4,5-Trichlorophenol	ND	0.50	1		Benzo (k) Fluoranthene	ND	0.50	1	
2-Chloronaphthalene	ND	0.50	1		Benzo (b) Fluoranthene	ND	0.50	1	
2-Nitroaniline	ND	0.50	1		Benzo (a) Pyrene	ND	0.50	1	
Dimethyl Phthalate	ND	0.50	1		Indeno (1,2,3-c,d) Pyrene	ND	0.50	1	
Acenaphthylene	ND	0.50	1		Dibenz (a,h) Anthracene	ND	0.50	1	
3-Nitroaniline	ND	0.50	1		Benzo (g,h,i) Perylene	ND	0.50	1	
Acenaphthene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	73	42-120		Phenol-d6	82	46-118	
Nitrobenzene-d5	87	42-150		2-Fluorobiphenyl	72	38-134	
2,4,6-Tribromophenol	57	36-132		p-Terphenyl-d14	99	35-167	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.		Date Received:	05/07/09
11555 Dublin Blvd.		Work Order No:	09-05-0519
Dublin, CA 94568-2854		Preparation:	EPA 3545
		Method:	EPA 8270C
		Units:	mg/kg
Project: SAC Site / 608123			Page 10 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-10	**09-05-0519-10-B**	**05/06/09 11:30**	**Solid**	**GC/MS SS**	**05/07/09**	**05/08/09 20:15**	**090507L13**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	0.50	1		2,4-Dinitrophenol	ND	2.5	1	
Aniline	ND	0.50	1		4-Nitrophenol	ND	0.50	1	
Phenol	ND	0.50	1		Dibenzofuran	ND	0.50	1	
Bis(2-Chloroethyl) Ether	ND	2.5	1		2,4-Dinitrotoluene	ND	0.50	1	
2-Chlorophenol	ND	0.50	1		2,6-Dinitrotoluene	ND	0.50	1	
1,3-Dichlorobenzene	ND	0.50	1		Diethyl Phthalate	ND	0.50	1	
1,4-Dichlorobenzene	ND	0.50	1		4-Chlorophenyl-Phenyl Ether	ND	0.50	1	
Benzyl Alcohol	ND	0.50	1		Fluorene	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		4-Nitroaniline	ND	0.50	1	
2-Methylphenol	ND	0.50	1		Azobenzene	ND	0.50	1	
Bis(2-Chloroisopropyl) Ether	ND	0.50	1		4,6-Dinitro-2-Methylphenol	ND	2.5	1	
3/4-Methylphenol	ND	0.50	1		N-Nitrosodiphenylamine	ND	0.50	1	
N-Nitroso-di-n-propylamine	ND	0.50	1		2,4,6-Trichlorophenol	ND	0.50	1	
Hexachloroethane	ND	0.50	1		4-Bromophenyl-Phenyl Ether	ND	0.50	1	
Nitrobenzene	ND	2.5	1		Hexachlorobenzene	ND	0.50	1	
Isophorone	ND	0.50	1		Pentachlorophenol	ND	2.5	1	
2-Nitrophenol	ND	0.50	1		Phenanthrene	ND	0.50	1	
2,4-Dimethylphenol	ND	0.50	1		Anthracene	ND	0.50	1	
Benzoic Acid	ND	2.5	1		Di-n-Butyl Phthalate	ND	0.50	1	
Bis(2-Chloroethoxy) Methane	ND	0.50	1		Fluoranthene	ND	0.50	1	
2,4-Dichlorophenol	ND	0.50	1		Benzidine	ND	10	1	
1,2,4-Trichlorobenzene	ND	0.50	1		Pyrene	ND	0.50	1	
Naphthalene	ND	0.50	1		Pyridine	ND	0.50	1	
4-Chloroaniline	ND	0.50	1		Butyl Benzyl Phthalate	ND	0.50	1	
Hexachloro-1,3-Butadiene	ND	0.50	1		3,3'-Dichlorobenzidine	ND	10	1	
4-Chloro-3-Methylphenol	ND	0.50	1		Benzo (a) Anthracene	ND	0.50	1	
2-Methylnaphthalene	ND	0.50	1		Bis(2-Ethylhexyl) Phthalate	ND	0.50	1	
1-Methylnaphthalene	ND	0.50	1		Chrysene	ND	0.50	1	
Hexachlorocyclopentadiene	ND	2.5	1		Di-n-Octyl Phthalate	ND	0.50	1	
2,4,5-Trichlorophenol	ND	0.50	1		Benzo (k) Fluoranthene	ND	0.50	1	
2-Chloronaphthalene	ND	0.50	1		Benzo (b) Fluoranthene	ND	0.50	1	
2-Nitroaniline	ND	0.50	1		Benzo (a) Pyrene	ND	0.50	1	
Dimethyl Phthalate	ND	0.50	1		Indeno (1,2,3-c,d) Pyrene	ND	0.50	1	
Acenaphthylene	ND	0.50	1		Dibenz (a,h) Anthracene	ND	0.50	1	
3-Nitroaniline	ND	0.50	1		Benzo (g,h,i) Perylene	ND	0.50	1	
Acenaphthene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	74	42-120		Phenol-d6	80	46-118	
Nitrobenzene-d5	83	42-150		2-Fluorobiphenyl	78	38-134	
2,4,6-Tribromophenol	63	36-132		p-Terphenyl-d14	96	35-167	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.		Date Received:	05/07/09
11555 Dublin Blvd.		Work Order No:	09-05-0519
Dublin, CA 94568-2854		Preparation:	EPA 3545
		Method:	EPA 8270C
		Units:	mg/kg

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-549-848**	**N/A**	**Solid**	**GC/MS SS**	**05/07/09**	**05/08/09 12:53**	**090507L13**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	0.50	1		2,4-Dinitrophenol	ND	2.5	1	
Aniline	ND	0.50	1		4-Nitrophenol	ND	0.50	1	
Phenol	ND	0.50	1		Dibenzofuran	ND	0.50	1	
Bis(2-Chloroethyl) Ether	ND	2.5	1		2,4-Dinitrotoluene	ND	0.50	1	
2-Chlorophenol	ND	0.50	1		2,6-Dinitrotoluene	ND	0.50	1	
1,3-Dichlorobenzene	ND	0.50	1		Diethyl Phthalate	ND	0.50	1	
1,4-Dichlorobenzene	ND	0.50	1		4-Chlorophenyl-Phenyl Ether	ND	0.50	1	
Benzyl Alcohol	ND	0.50	1		Fluorene	ND	0.50	1	
1,2-Dichlorobenzene	ND	0.50	1		4-Nitroaniline	ND	0.50	1	
2-Methylphenol	ND	0.50	1		Azobenzene	ND	0.50	1	
Bis(2-Chloroisopropyl) Ether	ND	0.50	1		4,6-Dinitro-2-Methylphenol	ND	2.5	1	
3/4-Methylphenol	ND	0.50	1		N-Nitrosodiphenylamine	ND	0.50	1	
N-Nitroso-di-n-propylamine	ND	0.50	1		2,4,6-Trichlorophenol	ND	0.50	1	
Hexachloroethane	ND	0.50	1		4-Bromophenyl-Phenyl Ether	ND	0.50	1	
Nitrobenzene	ND	2.5	1		Hexachlorobenzene	ND	0.50	1	
Isophorone	ND	0.50	1		Pentachlorophenol	ND	2.5	1	
2-Nitrophenol	ND	0.50	1		Phenanthrene	ND	0.50	1	
2,4-Dimethylphenol	ND	0.50	1		Anthracene	ND	0.50	1	
Benzoic Acid	ND	2.5	1		Di-n-Butyl Phthalate	ND	0.50	1	
Bis(2-Chloroethoxy) Methane	ND	0.50	1		Fluoranthene	ND	0.50	1	
2,4-Dichlorophenol	ND	0.50	1		Benzidine	ND	10	1	
1,2,4-Trichlorobenzene	ND	0.50	1		Pyrene	ND	0.50	1	
Naphthalene	ND	0.50	1		Pyridine	ND	0.50	1	
4-Chloroaniline	ND	0.50	1		Butyl Benzyl Phthalate	ND	0.50	1	
Hexachloro-1,3-Butadiene	ND	0.50	1		3,3'-Dichlorobenzidine	ND	10	1	
4-Chloro-3-Methylphenol	ND	0.50	1		Benzo (a) Anthracene	ND	0.50	1	
2-Methylnaphthalene	ND	0.50	1		Bis(2-Ethylhexyl) Phthalate	ND	0.50	1	
1-Methylnaphthalene	ND	0.50	1		Chrysene	ND	0.50	1	
Hexachlorocyclopentadiene	ND	2.5	1		Di-n-Octyl Phthalate	ND	0.50	1	
2,4,5-Trichlorophenol	ND	0.50	1		Benzo (k) Fluoranthene	ND	0.50	1	
2-Chloronaphthalene	ND	0.50	1		Benzo (b) Fluoranthene	ND	0.50	1	
2-Nitroaniline	ND	0.50	1		Benzo (a) Pyrene	ND	0.50	1	
Dimethyl Phthalate	ND	0.50	1		Indeno (1,2,3-c,d) Pyrene	ND	0.50	1	
Acenaphthylene	ND	0.50	1		Dibenz (a,h) Anthracene	ND	0.50	1	
3-Nitroaniline	ND	0.50	1		Benzo (g,h,i) Perylene	ND	0.50	1	
Acenaphthene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	83	42-120		Phenol-d6	87	46-118	
Nitrobenzene-d5	95	42-150		2-Fluorobiphenyl	93	38-134	
2,4,6-Tribromophenol	72	36-132		p-Terphenyl-d14	93	35-167	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 5035
	Method:	EPA 8260B
	Units:	ug/kg

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-1	**09-05-0519-1-G**	**05/06/09 09:15**	**Solid**	**GC/MS Q**	**05/06/09**	**05/10/09 03:43**	**090509L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	48	0.962		c-1,3-Dichloropropene	ND	0.96	0.962	
Benzene	ND	0.96	0.962		t-1,3-Dichloropropene	ND	1.9	0.962	
Bromobenzene	ND	0.96	0.962		Ethylbenzene	ND	0.96	0.962	
Bromochloromethane	ND	1.9	0.962		2-Hexanone	ND	19	0.962	
Bromodichloromethane	ND	0.96	0.962		Isopropylbenzene	ND	0.96	0.962	
Bromoform	ND	4.8	0.962		p-Isopropyltoluene	ND	0.96	0.962	
Bromomethane	ND	19	0.962		Methylene Chloride	ND	9.6	0.962	
2-Butanone	ND	19	0.962		4-Methyl-2-Pentanone	ND	19	0.962	
n-Butylbenzene	ND	0.96	0.962		Naphthalene	ND	9.6	0.962	
sec-Butylbenzene	ND	0.96	0.962		n-Propylbenzene	ND	1.9	0.962	
tert-Butylbenzene	ND	0.96	0.962		Styrene	ND	0.96	0.962	
Carbon Disulfide	ND	9.6	0.962		1,1,1,2-Tetrachloroethane	ND	0.96	0.962	
Carbon Tetrachloride	ND	0.96	0.962		1,1,2,2-Tetrachloroethane	ND	1.9	0.962	
Chlorobenzene	ND	0.96	0.962		Tetrachloroethene	ND	0.96	0.962	
Chloroethane	ND	1.9	0.962		Toluene	ND	0.96	0.962	
Chloroform	ND	0.96	0.962		1,2,3-Trichlorobenzene	ND	1.9	0.962	
Chloromethane	ND	19	0.962		1,2,4-Trichlorobenzene	ND	1.9	0.962	
2-Chlorotoluene	ND	0.96	0.962		1,1,1-Trichloroethane	ND	0.96	0.962	
4-Chlorotoluene	ND	0.96	0.962		1,1,2-Trichloroethane	ND	0.96	0.962	
Dibromochloromethane	ND	1.9	0.962		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.6	0.962	
1,2-Dibromo-3-Chloropropane	ND	4.8	0.962		Trichloroethene	ND	1.9	0.962	
1,2-Dibromoethane	ND	0.96	0.962		Trichlorofluoromethane	ND	9.6	0.962	
Dibromomethane	ND	0.96	0.962		1,2,3-Trichloropropane	ND	1.9	0.962	
1,2-Dichlorobenzene	ND	0.96	0.962		1,2,4-Trimethylbenzene	ND	1.9	0.962	
1,3-Dichlorobenzene	ND	0.96	0.962		1,3,5-Trimethylbenzene	ND	1.9	0.962	
1,4-Dichlorobenzene	ND	0.96	0.962		Vinyl Acetate	ND	9.6	0.962	
Dichlorodifluoromethane	ND	1.9	0.962		Vinyl Chloride	ND	0.96	0.962	
1,1-Dichloroethane	ND	0.96	0.962		p/m-Xylene	ND	1.9	0.962	
1,2-Dichloroethane	ND	0.96	0.962		o-Xylene	ND	0.96	0.962	
1,1-Dichloroethene	ND	0.96	0.962		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.962	
c-1,2-Dichloroethene	ND	0.96	0.962		Tert-Butyl Alcohol (TBA)	ND	19	0.962	
t-1,2-Dichloroethene	ND	0.96	0.962		Diisopropyl Ether (DIPE)	ND	0.96	0.962	
1,2-Dichloropropane	ND	0.96	0.962		Ethyl-t-Butyl Ether (ETBE)	ND	0.96	0.962	
1,3-Dichloropropane	ND	0.96	0.962		Tert-Amyl-Methyl Ether (TAME)	ND	0.96	0.962	
2,2-Dichloropropane	ND	4.8	0.962		Ethanol	ND	480	0.962	
1,1-Dichloropropene	ND	1.9	0.962						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	109	71-137		1,2-Dichloroethane-d4	119	58-160	
1,4-Bromofluorobenzene	100	66-126		Toluene-d8	99	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 5035
	Method:	EPA 8260B
	Units:	ug/kg

Project: SAC Site / 608123 — Page 2 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-2	**09-05-0519-2-G**	**05/06/09 09:30**	**Solid**	**GC/MS Q**	**05/06/09**	**05/10/09 04:12**	**090509L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	52	1.05		c-1,3-Dichloropropene	ND	1.0	1.05	
Benzene	ND	1.0	1.05		t-1,3-Dichloropropene	ND	2.1	1.05	
Bromobenzene	ND	1.0	1.05		Ethylbenzene	ND	1.0	1.05	
Bromochloromethane	ND	2.1	1.05		2-Hexanone	ND	21	1.05	
Bromodichloromethane	ND	1.0	1.05		Isopropylbenzene	ND	1.0	1.05	
Bromoform	ND	5.2	1.05		p-Isopropyltoluene	ND	1.0	1.05	
Bromomethane	ND	21	1.05		Methylene Chloride	ND	10	1.05	
2-Butanone	ND	21	1.05		4-Methyl-2-Pentanone	ND	21	1.05	
n-Butylbenzene	ND	1.0	1.05		Naphthalene	ND	10	1.05	
sec-Butylbenzene	ND	1.0	1.05		n-Propylbenzene	ND	2.1	1.05	
tert-Butylbenzene	ND	1.0	1.05		Styrene	ND	1.0	1.05	
Carbon Disulfide	ND	10	1.05		1,1,1,2-Tetrachloroethane	ND	1.0	1.05	
Carbon Tetrachloride	ND	1.0	1.05		1,1,2,2-Tetrachloroethane	ND	2.1	1.05	
Chlorobenzene	ND	1.0	1.05		Tetrachloroethene	ND	1.0	1.05	
Chloroethane	ND	2.1	1.05		Toluene	ND	1.0	1.05	
Chloroform	ND	1.0	1.05		1,2,3-Trichlorobenzene	ND	2.1	1.05	
Chloromethane	ND	21	1.05		1,2,4-Trichlorobenzene	ND	2.1	1.05	
2-Chlorotoluene	ND	1.0	1.05		1,1,1-Trichloroethane	ND	1.0	1.05	
4-Chlorotoluene	ND	1.0	1.05		1,1,2-Trichloroethane	ND	1.0	1.05	
Dibromochloromethane	ND	2.1	1.05		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.05	
1,2-Dibromo-3-Chloropropane	ND	5.2	1.05		Trichloroethene	ND	2.1	1.05	
1,2-Dibromoethane	ND	1.0	1.05		Trichlorofluoromethane	ND	10	1.05	
Dibromomethane	ND	1.0	1.05		1,2,3-Trichloropropane	ND	2.1	1.05	
1,2-Dichlorobenzene	ND	1.0	1.05		1,2,4-Trimethylbenzene	ND	2.1	1.05	
1,3-Dichlorobenzene	ND	1.0	1.05		1,3,5-Trimethylbenzene	ND	2.1	1.05	
1,4-Dichlorobenzene	ND	1.0	1.05		Vinyl Acetate	ND	10	1.05	
Dichlorodifluoromethane	ND	2.1	1.05		Vinyl Chloride	ND	1.0	1.05	
1,1-Dichloroethane	ND	1.0	1.05		p/m-Xylene	ND	2.1	1.05	
1,2-Dichloroethane	ND	1.0	1.05		o-Xylene	ND	1.0	1.05	
1,1-Dichloroethene	ND	1.0	1.05		Methyl-t-Butyl Ether (MTBE)	ND	2.1	1.05	
c-1,2-Dichloroethene	ND	1.0	1.05		Tert-Butyl Alcohol (TBA)	ND	21	1.05	
t-1,2-Dichloroethene	ND	1.0	1.05		Diisopropyl Ether (DIPE)	ND	1.0	1.05	
1,2-Dichloropropane	ND	1.0	1.05		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1.05	
1,3-Dichloropropane	ND	1.0	1.05		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1.05	
2,2-Dichloropropane	ND	5.2	1.05		Ethanol	ND	520	1.05	
1,1-Dichloropropene	ND	2.1	1.05						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	71-137		1,2-Dichloroethane-d4	121	58-160	
1,4-Bromofluorobenzene	97	66-126		Toluene-d8	101	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.		Date Received:	05/07/09
11555 Dublin Blvd.		Work Order No:	09-05-0519
Dublin, CA 94568-2854		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: SAC Site / 608123			Page 3 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-3	**09-05-0519-3-G**	**05/06/09 09:40**	**Solid**	**GC/MS Q**	**05/06/09**	**05/10/09 04:42**	**090509L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	45	0.891		c-1,3-Dichloropropene	ND	0.89	0.891	
Benzene	ND	0.89	0.891		t-1,3-Dichloropropene	ND	1.8	0.891	
Bromobenzene	ND	0.89	0.891		Ethylbenzene	ND	0.89	0.891	
Bromochloromethane	ND	1.8	0.891		2-Hexanone	ND	18	0.891	
Bromodichloromethane	ND	0.89	0.891		Isopropylbenzene	ND	0.89	0.891	
Bromoform	ND	4.5	0.891		p-Isopropyltoluene	ND	0.89	0.891	
Bromomethane	ND	18	0.891		Methylene Chloride	ND	8.9	0.891	
2-Butanone	ND	18	0.891		4-Methyl-2-Pentanone	ND	18	0.891	
n-Butylbenzene	ND	0.89	0.891		Naphthalene	ND	8.9	0.891	
sec-Butylbenzene	ND	0.89	0.891		n-Propylbenzene	ND	1.8	0.891	
tert-Butylbenzene	ND	0.89	0.891		Styrene	ND	0.89	0.891	
Carbon Disulfide	ND	8.9	0.891		1,1,1,2-Tetrachloroethane	ND	0.89	0.891	
Carbon Tetrachloride	ND	0.89	0.891		1,1,2,2-Tetrachloroethane	ND	1.8	0.891	
Chlorobenzene	ND	0.89	0.891		Tetrachloroethene	ND	0.89	0.891	
Chloroethane	ND	1.8	0.891		Toluene	ND	0.89	0.891	
Chloroform	ND	0.89	0.891		1,2,3-Trichlorobenzene	ND	1.8	0.891	
Chloromethane	ND	18	0.891		1,2,4-Trichlorobenzene	ND	1.8	0.891	
2-Chlorotoluene	ND	0.89	0.891		1,1,1-Trichloroethane	ND	0.89	0.891	
4-Chlorotoluene	ND	0.89	0.891		1,1,2-Trichloroethane	ND	0.89	0.891	
Dibromochloromethane	ND	1.8	0.891		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.9	0.891	
1,2-Dibromo-3-Chloropropane	ND	4.5	0.891		Trichloroethene	ND	1.8	0.891	
1,2-Dibromoethane	ND	0.89	0.891		Trichlorofluoromethane	ND	8.9	0.891	
Dibromomethane	ND	0.89	0.891		1,2,3-Trichloropropane	ND	1.8	0.891	
1,2-Dichlorobenzene	ND	0.89	0.891		1,2,4-Trimethylbenzene	ND	1.8	0.891	
1,3-Dichlorobenzene	ND	0.89	0.891		1,3,5-Trimethylbenzene	ND	1.8	0.891	
1,4-Dichlorobenzene	ND	0.89	0.891		Vinyl Acetate	ND	8.9	0.891	
Dichlorodifluoromethane	ND	1.8	0.891		Vinyl Chloride	ND	0.89	0.891	
1,1-Dichloroethane	ND	0.89	0.891		p/m-Xylene	ND	1.8	0.891	
1,2-Dichloroethane	ND	0.89	0.891		o-Xylene	ND	0.89	0.891	
1,1-Dichloroethene	ND	0.89	0.891		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.891	
c-1,2-Dichloroethene	ND	0.89	0.891		Tert-Butyl Alcohol (TBA)	ND	18	0.891	
t-1,2-Dichloroethene	ND	0.89	0.891		Diisopropyl Ether (DIPE)	ND	0.89	0.891	
1,2-Dichloropropane	ND	0.89	0.891		Ethyl-t-Butyl Ether (ETBE)	ND	0.89	0.891	
1,3-Dichloropropane	ND	0.89	0.891		Tert-Amyl-Methyl Ether (TAME)	ND	0.89	0.891	
2,2-Dichloropropane	ND	4.5	0.891		Ethanol	ND	450	0.891	
1,1-Dichloropropene	ND	1.8	0.891						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	111	71-137		1,2-Dichloroethane-d4	123	58-160	
1,4-Bromofluorobenzene	98	66-126		Toluene-d8	101	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.		Date Received:	05/07/09
11555 Dublin Blvd.		Work Order No:	09-05-0519
Dublin, CA 94568-2854		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: SAC Site / 608123			Page 4 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-4	**09-05-0519-4-G**	**05/06/09 10:00**	**Solid**	**GC/MS Q**	**05/06/09**	**05/10/09 05:12**	**090509L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	46	0.924		c-1,3-Dichloropropene	ND	0.92	0.924	
Benzene	ND	0.92	0.924		t-1,3-Dichloropropene	ND	1.8	0.924	
Bromobenzene	ND	0.92	0.924		Ethylbenzene	ND	0.92	0.924	
Bromochloromethane	ND	1.8	0.924		2-Hexanone	ND	18	0.924	
Bromodichloromethane	ND	0.92	0.924		Isopropylbenzene	ND	0.92	0.924	
Bromoform	ND	4.6	0.924		p-Isopropyltoluene	ND	0.92	0.924	
Bromomethane	ND	18	0.924		Methylene Chloride	ND	9.2	0.924	
2-Butanone	ND	18	0.924		4-Methyl-2-Pentanone	ND	18	0.924	
n-Butylbenzene	ND	0.92	0.924		Naphthalene	ND	9.2	0.924	
sec-Butylbenzene	ND	0.92	0.924		n-Propylbenzene	ND	1.8	0.924	
tert-Butylbenzene	ND	0.92	0.924		Styrene	ND	0.92	0.924	
Carbon Disulfide	ND	9.2	0.924		1,1,1,2-Tetrachloroethane	ND	0.92	0.924	
Carbon Tetrachloride	ND	0.92	0.924		1,1,2,2-Tetrachloroethane	ND	1.8	0.924	
Chlorobenzene	ND	0.92	0.924		Tetrachloroethene	ND	0.92	0.924	
Chloroethane	ND	1.8	0.924		Toluene	ND	0.92	0.924	
Chloroform	ND	0.92	0.924		1,2,3-Trichlorobenzene	ND	1.8	0.924	
Chloromethane	ND	18	0.924		1,2,4-Trichlorobenzene	ND	1.8	0.924	
2-Chlorotoluene	ND	0.92	0.924		1,1,1-Trichloroethane	ND	0.92	0.924	
4-Chlorotoluene	ND	0.92	0.924		1,1,2-Trichloroethane	ND	0.92	0.924	
Dibromochloromethane	ND	1.8	0.924		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.2	0.924	
1,2-Dibromo-3-Chloropropane	ND	4.6	0.924		Trichloroethene	ND	1.8	0.924	
1,2-Dibromoethane	ND	0.92	0.924		Trichlorofluoromethane	ND	9.2	0.924	
Dibromomethane	ND	0.92	0.924		1,2,3-Trichloropropane	ND	1.8	0.924	
1,2-Dichlorobenzene	ND	0.92	0.924		1,2,4-Trimethylbenzene	ND	1.8	0.924	
1,3-Dichlorobenzene	ND	0.92	0.924		1,3,5-Trimethylbenzene	ND	1.8	0.924	
1,4-Dichlorobenzene	ND	0.92	0.924		Vinyl Acetate	ND	9.2	0.924	
Dichlorodifluoromethane	ND	1.8	0.924		Vinyl Chloride	ND	0.92	0.924	
1,1-Dichloroethane	ND	0.92	0.924		p/m-Xylene	ND	1.8	0.924	
1,2-Dichloroethane	ND	0.92	0.924		o-Xylene	ND	0.92	0.924	
1,1-Dichloroethene	ND	0.92	0.924		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.924	
c-1,2-Dichloroethene	ND	0.92	0.924		Tert-Butyl Alcohol (TBA)	ND	18	0.924	
t-1,2-Dichloroethene	ND	0.92	0.924		Diisopropyl Ether (DIPE)	ND	0.92	0.924	
1,2-Dichloropropane	ND	0.92	0.924		Ethyl-t-Butyl Ether (ETBE)	ND	0.92	0.924	
1,3-Dichloropropane	ND	0.92	0.924		Tert-Amyl-Methyl Ether (TAME)	ND	0.92	0.924	
2,2-Dichloropropane	ND	4.6	0.924		Ethanol	ND	460	0.924	
1,1-Dichloropropene	ND	1.8	0.924						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	108	71-137		1,2-Dichloroethane-d4	120	58-160	
1,4-Bromofluorobenzene	97	66-126		Toluene-d8	102	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.		Date Received:	05/07/09
11555 Dublin Blvd.		Work Order No:	09-05-0519
Dublin, CA 94568-2854		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: SAC Site / 608123			Page 5 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-5	**09-05-0519-5-G**	**05/06/09 10:20**	**Solid**	**GC/MS Q**	**05/06/09**	**05/10/09 05:42**	**090509L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	52	1.04		c-1,3-Dichloropropene	ND	1.0	1.04	
Benzene	ND	1.0	1.04		t-1,3-Dichloropropene	ND	2.1	1.04	
Bromobenzene	ND	1.0	1.04		Ethylbenzene	ND	1.0	1.04	
Bromochloromethane	ND	2.1	1.04		2-Hexanone	ND	21	1.04	
Bromodichloromethane	ND	1.0	1.04		Isopropylbenzene	ND	1.0	1.04	
Bromoform	ND	5.2	1.04		p-Isopropyltoluene	ND	1.0	1.04	
Bromomethane	ND	21	1.04		Methylene Chloride	ND	10	1.04	
2-Butanone	ND	21	1.04		4-Methyl-2-Pentanone	ND	21	1.04	
n-Butylbenzene	ND	1.0	1.04		Naphthalene	ND	10	1.04	
sec-Butylbenzene	ND	1.0	1.04		n-Propylbenzene	ND	2.1	1.04	
tert-Butylbenzene	ND	1.0	1.04		Styrene	ND	1.0	1.04	
Carbon Disulfide	ND	10	1.04		1,1,1,2-Tetrachloroethane	ND	1.0	1.04	
Carbon Tetrachloride	ND	1.0	1.04		1,1,2,2-Tetrachloroethane	ND	2.1	1.04	
Chlorobenzene	ND	1.0	1.04		Tetrachloroethene	ND	1.0	1.04	
Chloroethane	ND	2.1	1.04		Toluene	ND	1.0	1.04	
Chloroform	ND	1.0	1.04		1,2,3-Trichlorobenzene	ND	2.1	1.04	
Chloromethane	ND	21	1.04		1,2,4-Trichlorobenzene	ND	2.1	1.04	
2-Chlorotoluene	ND	1.0	1.04		1,1,1-Trichloroethane	ND	1.0	1.04	
4-Chlorotoluene	ND	1.0	1.04		1,1,2-Trichloroethane	ND	1.0	1.04	
Dibromochloromethane	ND	2.1	1.04		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.04	
1,2-Dibromo-3-Chloropropane	ND	5.2	1.04		Trichloroethene	ND	2.1	1.04	
1,2-Dibromoethane	ND	1.0	1.04		Trichlorofluoromethane	ND	10	1.04	
Dibromomethane	ND	1.0	1.04		1,2,3-Trichloropropane	ND	2.1	1.04	
1,2-Dichlorobenzene	ND	1.0	1.04		1,2,4-Trimethylbenzene	ND	2.1	1.04	
1,3-Dichlorobenzene	ND	1.0	1.04		1,3,5-Trimethylbenzene	ND	2.1	1.04	
1,4-Dichlorobenzene	ND	1.0	1.04		Vinyl Acetate	ND	10	1.04	
Dichlorodifluoromethane	ND	2.1	1.04		Vinyl Chloride	ND	1.0	1.04	
1,1-Dichloroethane	ND	1.0	1.04		p/m-Xylene	ND	2.1	1.04	
1,2-Dichloroethane	ND	1.0	1.04		o-Xylene	ND	1.0	1.04	
1,1-Dichloroethene	ND	1.0	1.04		Methyl-t-Butyl Ether (MTBE)	ND	2.1	1.04	
c-1,2-Dichloroethene	ND	1.0	1.04		Tert-Butyl Alcohol (TBA)	ND	21	1.04	
t-1,2-Dichloroethene	ND	1.0	1.04		Diisopropyl Ether (DIPE)	ND	1.0	1.04	
1,2-Dichloropropane	ND	1.0	1.04		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1.04	
1,3-Dichloropropane	ND	1.0	1.04		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1.04	
2,2-Dichloropropane	ND	5.2	1.04		Ethanol	ND	520	1.04	
1,1-Dichloropropene	ND	2.1	1.04						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	71-137		1,2-Dichloroethane-d4	122	58-160	
1,4-Bromofluorobenzene	98	66-126		Toluene-d8	99	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.		Date Received:	05/07/09
11555 Dublin Blvd.		Work Order No:	09-05-0519
Dublin, CA 94568-2854		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: SAC Site / 608123			Page 6 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-6	**09-05-0519-6-G**	**05/06/09 10:35**	**Solid**	**GC/MS Q**	**05/06/09**	**05/10/09 06:12**	**090509L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	45	0.904		c-1,3-Dichloropropene	ND	0.90	0.904	
Benzene	ND	0.90	0.904		t-1,3-Dichloropropene	ND	1.8	0.904	
Bromobenzene	ND	0.90	0.904		Ethylbenzene	ND	0.90	0.904	
Bromochloromethane	ND	1.8	0.904		2-Hexanone	ND	18	0.904	
Bromodichloromethane	ND	0.90	0.904		Isopropylbenzene	ND	0.90	0.904	
Bromoform	ND	4.5	0.904		p-Isopropyltoluene	ND	0.90	0.904	
Bromomethane	ND	18	0.904		Methylene Chloride	ND	9.0	0.904	
2-Butanone	ND	18	0.904		4-Methyl-2-Pentanone	ND	18	0.904	
n-Butylbenzene	ND	0.90	0.904		Naphthalene	ND	9.0	0.904	
sec-Butylbenzene	ND	0.90	0.904		n-Propylbenzene	ND	1.8	0.904	
tert-Butylbenzene	ND	0.90	0.904		Styrene	ND	0.90	0.904	
Carbon Disulfide	ND	9.0	0.904		1,1,1,2-Tetrachloroethane	ND	0.90	0.904	
Carbon Tetrachloride	ND	0.90	0.904		1,1,2,2-Tetrachloroethane	ND	1.8	0.904	
Chlorobenzene	ND	0.90	0.904		Tetrachloroethene	ND	0.90	0.904	
Chloroethane	ND	1.8	0.904		Toluene	ND	0.90	0.904	
Chloroform	ND	0.90	0.904		1,2,3-Trichlorobenzene	ND	1.8	0.904	
Chloromethane	ND	18	0.904		1,2,4-Trichlorobenzene	ND	1.8	0.904	
2-Chlorotoluene	ND	0.90	0.904		1,1,1-Trichloroethane	ND	0.90	0.904	
4-Chlorotoluene	ND	0.90	0.904		1,1,2-Trichloroethane	ND	0.90	0.904	
Dibromochloromethane	ND	1.8	0.904		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.0	0.904	
1,2-Dibromo-3-Chloropropane	ND	4.5	0.904		Trichloroethene	ND	1.8	0.904	
1,2-Dibromoethane	ND	0.90	0.904		Trichlorofluoromethane	ND	9.0	0.904	
Dibromomethane	ND	0.90	0.904		1,2,3-Trichloropropane	ND	1.8	0.904	
1,2-Dichlorobenzene	ND	0.90	0.904		1,2,4-Trimethylbenzene	ND	1.8	0.904	
1,3-Dichlorobenzene	ND	0.90	0.904		1,3,5-Trimethylbenzene	ND	1.8	0.904	
1,4-Dichlorobenzene	ND	0.90	0.904		Vinyl Acetate	ND	9.0	0.904	
Dichlorodifluoromethane	ND	1.8	0.904		Vinyl Chloride	ND	0.90	0.904	
1,1-Dichloroethane	ND	0.90	0.904		p/m-Xylene	ND	1.8	0.904	
1,2-Dichloroethane	ND	0.90	0.904		o-Xylene	ND	0.90	0.904	
1,1-Dichloroethene	ND	0.90	0.904		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.904	
c-1,2-Dichloroethene	ND	0.90	0.904		Tert-Butyl Alcohol (TBA)	ND	18	0.904	
t-1,2-Dichloroethene	ND	0.90	0.904		Diisopropyl Ether (DIPE)	ND	0.90	0.904	
1,2-Dichloropropane	ND	0.90	0.904		Ethyl-t-Butyl Ether (ETBE)	ND	0.90	0.904	
1,3-Dichloropropane	ND	0.90	0.904		Tert-Amyl-Methyl Ether (TAME)	ND	0.90	0.904	
2,2-Dichloropropane	ND	4.5	0.904		Ethanol	ND	450	0.904	
1,1-Dichloropropene	ND	1.8	0.904						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	71-137		1,2-Dichloroethane-d4	123	58-160	
1,4-Bromofluorobenzene	98	66-126		Toluene-d8	100	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 5035
	Method:	EPA 8260B
	Units:	ug/kg
Project: SAC Site / 608123		Page 7 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-7	**09-05-0519-7-G**	**05/06/09 10:45**	**Solid**	**GC/MS Q**	**05/06/09**	**05/10/09 06:42**	**090509L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	45	0.909		c-1,3-Dichloropropene	ND	0.91	0.909	
Benzene	ND	0.91	0.909		t-1,3-Dichloropropene	ND	1.8	0.909	
Bromobenzene	ND	0.91	0.909		Ethylbenzene	ND	0.91	0.909	
Bromochloromethane	ND	1.8	0.909		2-Hexanone	ND	18	0.909	
Bromodichloromethane	ND	0.91	0.909		Isopropylbenzene	ND	0.91	0.909	
Bromoform	ND	4.5	0.909		p-Isopropyltoluene	ND	0.91	0.909	
Bromomethane	ND	18	0.909		Methylene Chloride	ND	9.1	0.909	
2-Butanone	ND	18	0.909		4-Methyl-2-Pentanone	ND	18	0.909	
n-Butylbenzene	ND	0.91	0.909		Naphthalene	ND	9.1	0.909	
sec-Butylbenzene	ND	0.91	0.909		n-Propylbenzene	ND	1.8	0.909	
tert-Butylbenzene	ND	0.91	0.909		Styrene	ND	0.91	0.909	
Carbon Disulfide	ND	9.1	0.909		1,1,1,2-Tetrachloroethane	ND	0.91	0.909	
Carbon Tetrachloride	ND	0.91	0.909		1,1,2,2-Tetrachloroethane	ND	1.8	0.909	
Chlorobenzene	ND	0.91	0.909		Tetrachloroethene	ND	0.91	0.909	
Chloroethane	ND	1.8	0.909		Toluene	ND	0.91	0.909	
Chloroform	ND	0.91	0.909		1,2,3-Trichlorobenzene	ND	1.8	0.909	
Chloromethane	ND	18	0.909		1,2,4-Trichlorobenzene	ND	1.8	0.909	
2-Chlorotoluene	ND	0.91	0.909		1,1,1-Trichloroethane	ND	0.91	0.909	
4-Chlorotoluene	ND	0.91	0.909		1,1,2-Trichloroethane	ND	0.91	0.909	
Dibromochloromethane	ND	1.8	0.909		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.1	0.909	
1,2-Dibromo-3-Chloropropane	ND	4.5	0.909		Trichloroethene	ND	1.8	0.909	
1,2-Dibromoethane	ND	0.91	0.909		Trichlorofluoromethane	ND	9.1	0.909	
Dibromomethane	ND	0.91	0.909		1,2,3-Trichloropropane	ND	1.8	0.909	
1,2-Dichlorobenzene	ND	0.91	0.909		1,2,4-Trimethylbenzene	ND	1.8	0.909	
1,3-Dichlorobenzene	ND	0.91	0.909		1,3,5-Trimethylbenzene	ND	1.8	0.909	
1,4-Dichlorobenzene	ND	0.91	0.909		Vinyl Acetate	ND	9.1	0.909	
Dichlorodifluoromethane	ND	1.8	0.909		Vinyl Chloride	ND	0.91	0.909	
1,1-Dichloroethane	ND	0.91	0.909		p/m-Xylene	ND	1.8	0.909	
1,2-Dichloroethane	ND	0.91	0.909		o-Xylene	ND	0.91	0.909	
1,1-Dichloroethene	ND	0.91	0.909		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.909	
c-1,2-Dichloroethene	ND	0.91	0.909		Tert-Butyl Alcohol (TBA)	ND	18	0.909	
t-1,2-Dichloroethene	ND	0.91	0.909		Diisopropyl Ether (DIPE)	ND	0.91	0.909	
1,2-Dichloropropane	ND	0.91	0.909		Ethyl-t-Butyl Ether (ETBE)	ND	0.91	0.909	
1,3-Dichloropropane	ND	0.91	0.909		Tert-Amyl-Methyl Ether (TAME)	ND	0.91	0.909	
2,2-Dichloropropane	ND	4.5	0.909		Ethanol	ND	450	0.909	
1,1-Dichloropropene	ND	1.8	0.909						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	111	71-137		1,2-Dichloroethane-d4	126	58-160	
1,4-Bromofluorobenzene	98	66-126		Toluene-d8	100	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 5035
	Method:	EPA 8260B
	Units:	ug/kg
Project: SAC Site / 608123		Page 8 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-8	**09-05-0519-8-G**	**05/06/09 10:50**	**Solid**	**GC/MS Q**	**05/06/09**	**05/10/09 07:12**	**090509L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	41	0.822		c-1,3-Dichloropropene	ND	0.82	0.822	
Benzene	ND	0.82	0.822		t-1,3-Dichloropropene	ND	1.6	0.822	
Bromobenzene	ND	0.82	0.822		Ethylbenzene	ND	0.82	0.822	
Bromochloromethane	ND	1.6	0.822		2-Hexanone	ND	16	0.822	
Bromodichloromethane	ND	0.82	0.822		Isopropylbenzene	ND	0.82	0.822	
Bromoform	ND	4.1	0.822		p-Isopropyltoluene	ND	0.82	0.822	
Bromomethane	ND	16	0.822		Methylene Chloride	ND	8.2	0.822	
2-Butanone	ND	16	0.822		4-Methyl-2-Pentanone	ND	16	0.822	
n-Butylbenzene	ND	0.82	0.822		Naphthalene	ND	8.2	0.822	
sec-Butylbenzene	ND	0.82	0.822		n-Propylbenzene	ND	1.6	0.822	
tert-Butylbenzene	ND	0.82	0.822		Styrene	ND	0.82	0.822	
Carbon Disulfide	ND	8.2	0.822		1,1,1,2-Tetrachloroethane	ND	0.82	0.822	
Carbon Tetrachloride	ND	0.82	0.822		1,1,2,2-Tetrachloroethane	ND	1.6	0.822	
Chlorobenzene	ND	0.82	0.822		Tetrachloroethene	ND	0.82	0.822	
Chloroethane	ND	1.6	0.822		Toluene	ND	0.82	0.822	
Chloroform	ND	0.82	0.822		1,2,3-Trichlorobenzene	ND	1.6	0.822	
Chloromethane	ND	16	0.822		1,2,4-Trichlorobenzene	ND	1.6	0.822	
2-Chlorotoluene	ND	0.82	0.822		1,1,1-Trichloroethane	ND	0.82	0.822	
4-Chlorotoluene	ND	0.82	0.822		1,1,2-Trichloroethane	ND	0.82	0.822	
Dibromochloromethane	ND	1.6	0.822		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.2	0.822	
1,2-Dibromo-3-Chloropropane	ND	4.1	0.822		Trichloroethene	ND	1.6	0.822	
1,2-Dibromoethane	ND	0.82	0.822		Trichlorofluoromethane	ND	8.2	0.822	
Dibromomethane	ND	0.82	0.822		1,2,3-Trichloropropane	ND	1.6	0.822	
1,2-Dichlorobenzene	ND	0.82	0.822		1,2,4-Trimethylbenzene	ND	1.6	0.822	
1,3-Dichlorobenzene	ND	0.82	0.822		1,3,5-Trimethylbenzene	ND	1.6	0.822	
1,4-Dichlorobenzene	ND	0.82	0.822		Vinyl Acetate	ND	8.2	0.822	
Dichlorodifluoromethane	ND	1.6	0.822		Vinyl Chloride	ND	0.82	0.822	
1,1-Dichloroethane	ND	0.82	0.822		p/m-Xylene	ND	1.6	0.822	
1,2-Dichloroethane	ND	0.82	0.822		o-Xylene	ND	0.82	0.822	
1,1-Dichloroethene	ND	0.82	0.822		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.822	
c-1,2-Dichloroethene	ND	0.82	0.822		Tert-Butyl Alcohol (TBA)	ND	16	0.822	
t-1,2-Dichloroethene	ND	0.82	0.822		Diisopropyl Ether (DIPE)	ND	0.82	0.822	
1,2-Dichloropropane	ND	0.82	0.822		Ethyl-t-Butyl Ether (ETBE)	ND	0.82	0.822	
1,3-Dichloropropane	ND	0.82	0.822		Tert-Amyl-Methyl Ether (TAME)	ND	0.82	0.822	
2,2-Dichloropropane	ND	4.1	0.822		Ethanol	ND	410	0.822	
1,1-Dichloropropene	ND	1.6	0.822						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	108	71-137		1,2-Dichloroethane-d4	125	58-160	
1,4-Bromofluorobenzene	97	66-126		Toluene-d8	101	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 5035
	Method:	EPA 8260B
	Units:	ug/kg
Project: SAC Site / 608123		Page 9 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-9	**09-05-0519-9-G**	**05/06/09 11:15**	**Solid**	**GC/MS Q**	**05/06/09**	**05/10/09 07:42**	**090509L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	44	0.873		c-1,3-Dichloropropene	ND	0.87	0.873	
Benzene	ND	0.87	0.873		t-1,3-Dichloropropene	ND	1.7	0.873	
Bromobenzene	ND	0.87	0.873		Ethylbenzene	ND	0.87	0.873	
Bromochloromethane	ND	1.7	0.873		2-Hexanone	ND	17	0.873	
Bromodichloromethane	ND	0.87	0.873		Isopropylbenzene	ND	0.87	0.873	
Bromoform	ND	4.4	0.873		p-Isopropyltoluene	ND	0.87	0.873	
Bromomethane	ND	17	0.873		Methylene Chloride	ND	8.7	0.873	
2-Butanone	ND	17	0.873		4-Methyl-2-Pentanone	ND	17	0.873	
n-Butylbenzene	ND	0.87	0.873		Naphthalene	ND	8.7	0.873	
sec-Butylbenzene	ND	0.87	0.873		n-Propylbenzene	ND	1.7	0.873	
tert-Butylbenzene	ND	0.87	0.873		Styrene	ND	0.87	0.873	
Carbon Disulfide	ND	8.7	0.873		1,1,1,2-Tetrachloroethane	ND	0.87	0.873	
Carbon Tetrachloride	ND	0.87	0.873		1,1,2,2-Tetrachloroethane	ND	1.7	0.873	
Chlorobenzene	ND	0.87	0.873		Tetrachloroethene	ND	0.87	0.873	
Chloroethane	ND	1.7	0.873		Toluene	ND	0.87	0.873	
Chloroform	ND	0.87	0.873		1,2,3-Trichlorobenzene	ND	1.7	0.873	
Chloromethane	ND	17	0.873		1,2,4-Trichlorobenzene	ND	1.7	0.873	
2-Chlorotoluene	ND	0.87	0.873		1,1,1-Trichloroethane	ND	0.87	0.873	
4-Chlorotoluene	ND	0.87	0.873		1,1,2-Trichloroethane	ND	0.87	0.873	
Dibromochloromethane	ND	1.7	0.873		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.7	0.873	
1,2-Dibromo-3-Chloropropane	ND	4.4	0.873		Trichloroethene	ND	1.7	0.873	
1,2-Dibromoethane	ND	0.87	0.873		Trichlorofluoromethane	ND	8.7	0.873	
Dibromomethane	ND	0.87	0.873		1,2,3-Trichloropropane	ND	1.7	0.873	
1,2-Dichlorobenzene	ND	0.87	0.873		1,2,4-Trimethylbenzene	ND	1.7	0.873	
1,3-Dichlorobenzene	ND	0.87	0.873		1,3,5-Trimethylbenzene	ND	1.7	0.873	
1,4-Dichlorobenzene	ND	0.87	0.873		Vinyl Acetate	ND	8.7	0.873	
Dichlorodifluoromethane	ND	1.7	0.873		Vinyl Chloride	ND	0.87	0.873	
1,1-Dichloroethane	ND	0.87	0.873		p/m-Xylene	ND	1.7	0.873	
1,2-Dichloroethane	ND	0.87	0.873		o-Xylene	ND	0.87	0.873	
1,1-Dichloroethene	ND	0.87	0.873		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.873	
c-1,2-Dichloroethene	ND	0.87	0.873		Tert-Butyl Alcohol (TBA)	ND	17	0.873	
t-1,2-Dichloroethene	ND	0.87	0.873		Diisopropyl Ether (DIPE)	ND	0.87	0.873	
1,2-Dichloropropane	ND	0.87	0.873		Ethyl-t-Butyl Ether (ETBE)	ND	0.87	0.873	
1,3-Dichloropropane	ND	0.87	0.873		Tert-Amyl-Methyl Ether (TAME)	ND	0.87	0.873	
2,2-Dichloropropane	ND	4.4	0.873		Ethanol	ND	440	0.873	
1,1-Dichloropropene	ND	1.7	0.873						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	71-137		1,2-Dichloroethane-d4	121	58-160	
1,4-Bromofluorobenzene	100	66-126		Toluene-d8	99	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.		Date Received:	05/07/09
11555 Dublin Blvd.		Work Order No:	09-05-0519
Dublin, CA 94568-2854		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: SAC Site / 608123			Page 10 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
UCB-10	**09-05-0519-10-G**	**05/06/09 11:30**	**Solid**	**GC/MS Q**	**05/06/09**	**05/10/09 08:12**	**090509L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	52	1.03		c-1,3-Dichloropropene	ND	1.0	1.03	
Benzene	ND	1.0	1.03		t-1,3-Dichloropropene	ND	2.1	1.03	
Bromobenzene	ND	1.0	1.03		Ethylbenzene	ND	1.0	1.03	
Bromochloromethane	ND	2.1	1.03		2-Hexanone	ND	21	1.03	
Bromodichloromethane	ND	1.0	1.03		Isopropylbenzene	ND	1.0	1.03	
Bromoform	ND	5.2	1.03		p-Isopropyltoluene	ND	1.0	1.03	
Bromomethane	ND	21	1.03		Methylene Chloride	ND	10	1.03	
2-Butanone	ND	21	1.03		4-Methyl-2-Pentanone	ND	21	1.03	
n-Butylbenzene	ND	1.0	1.03		Naphthalene	ND	10	1.03	
sec-Butylbenzene	ND	1.0	1.03		n-Propylbenzene	ND	2.1	1.03	
tert-Butylbenzene	ND	1.0	1.03		Styrene	ND	1.0	1.03	
Carbon Disulfide	ND	10	1.03		1,1,1,2-Tetrachloroethane	ND	1.0	1.03	
Carbon Tetrachloride	ND	1.0	1.03		1,1,2,2-Tetrachloroethane	ND	2.1	1.03	
Chlorobenzene	ND	1.0	1.03		Tetrachloroethene	ND	1.0	1.03	
Chloroethane	ND	2.1	1.03		Toluene	ND	1.0	1.03	
Chloroform	ND	1.0	1.03		1,2,3-Trichlorobenzene	ND	2.1	1.03	
Chloromethane	ND	21	1.03		1,2,4-Trichlorobenzene	ND	2.1	1.03	
2-Chlorotoluene	ND	1.0	1.03		1,1,1-Trichloroethane	ND	1.0	1.03	
4-Chlorotoluene	ND	1.0	1.03		1,1,2-Trichloroethane	ND	1.0	1.03	
Dibromochloromethane	ND	2.1	1.03		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.03	
1,2-Dibromo-3-Chloropropane	ND	5.2	1.03		Trichloroethene	ND	2.1	1.03	
1,2-Dibromoethane	ND	1.0	1.03		Trichlorofluoromethane	ND	10	1.03	
Dibromomethane	ND	1.0	1.03		1,2,3-Trichloropropane	ND	2.1	1.03	
1,2-Dichlorobenzene	ND	1.0	1.03		1,2,4-Trimethylbenzene	ND	2.1	1.03	
1,3-Dichlorobenzene	ND	1.0	1.03		1,3,5-Trimethylbenzene	ND	2.1	1.03	
1,4-Dichlorobenzene	ND	1.0	1.03		Vinyl Acetate	ND	10	1.03	
Dichlorodifluoromethane	ND	2.1	1.03		Vinyl Chloride	ND	1.0	1.03	
1,1-Dichloroethane	ND	1.0	1.03		p/m-Xylene	ND	2.1	1.03	
1,2-Dichloroethane	ND	1.0	1.03		o-Xylene	ND	1.0	1.03	
1,1-Dichloroethene	ND	1.0	1.03		Methyl-t-Butyl Ether (MTBE)	ND	2.1	1.03	
c-1,2-Dichloroethene	ND	1.0	1.03		Tert-Butyl Alcohol (TBA)	ND	21	1.03	
t-1,2-Dichloroethene	ND	1.0	1.03		Diisopropyl Ether (DIPE)	ND	1.0	1.03	
1,2-Dichloropropane	ND	1.0	1.03		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1.03	
1,3-Dichloropropane	ND	1.0	1.03		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1.03	
2,2-Dichloropropane	ND	5.2	1.03		Ethanol	ND	520	1.03	
1,1-Dichloropropene	ND	2.1	1.03						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	111	71-137		1,2-Dichloroethane-d4	125	58-160	
1,4-Bromofluorobenzene	98	66-126		Toluene-d8	100	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 5035
	Method:	EPA 8260B
	Units:	ug/kg

Project: SAC Site / 608123

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-025-17,743**	**N/A**	**Solid**	**GC/MS Q**	**05/09/09**	**05/10/09 00:42**	**090509L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	2.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	71-137		1,2-Dichloroethane-d4	101	58-160	
1,4-Bromofluorobenzene	99	66-126		Toluene-d8	98	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Date Received: 05/07/09
Work Order No: 09-05-0519
Preparation: EPA 3050B
Method: EPA 6020

Project SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
UCB-2	**Solid**	**ICP/MS 03**	**05/07/09**	**05/08/09**	**090507S10**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	37	31	1-97	18	0-39	
Arsenic	87	89	72-132	2	0-13	
Barium	90	50	50-152	9	0-41	
Beryllium	108	115	61-121	6	0-13	
Cadmium	102	104	85-121	3	0-12	
Chromium	47	81	20-182	14	0-15	
Cobalt	66	81	40-166	9	0-14	
Copper	86	95	25-157	5	0-22	
Lead	107	110	62-134	2	0-23	
Molybdenum	76	76	69-123	0	0-13	
Nickel	96	92	46-154	2	0-15	
Selenium	78	76	54-132	3	0-14	
Silver	105	107	78-126	2	0-15	
Thallium	99	106	79-115	7	0-11	
Vanadium	42	87	28-178	12	0-28	
Zinc	89	97	23-173	3	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Pacific States Environmental Contractors, Inc.	Date Received:	05/07/09
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	N/A
	Method:	ASTM D-2216

Project: SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
09-05-0570-1	**Solid**	**N/A**	**05/08/09**	**05/08/09**	**90508MOID1**

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Moisture	16.8	18.2	8	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Date Received: 05/07/09
Work Order No: 09-05-0519
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-05-0306-10	**Solid**	**GC 46**	**05/07/09**	**05/07/09**	**090507S04**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	123	118	64-130	5	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Date Received: 05/07/09
Work Order No: 09-05-0519
Preparation: EPA 7471A Total
Method: EPA 7471A

Project SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-05-0570-4	**Solid**	**Mercury**	**05/07/09**	**05/07/09**	**090507S01A**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	115	114	71-137	1	0-14	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Date Received: 05/07/09
Work Order No: 09-05-0519
Preparation: EPA 3545
Method: EPA 8081A

Project SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-05-0645-20	**Solid**	**GC 44**	**05/07/09**	**05/08/09**	**090507S11**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Gamma-BHC	77	68	50-135	12	0-25	
Heptachlor	74	61	50-135	19	0-25	
Endosulfan I	74	66	50-135	12	0-25	
Dieldrin	72	63	50-135	13	0-25	
Endrin	95	78	50-135	19	0-25	
4,4'-DDT	73	28	50-135	63	0-25	4,3

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Date Received: 05/07/09
Work Order No: 09-05-0519
Preparation: EPA 3545
Method: EPA 8082

Project SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
UCB-5	**Solid**	**GC 31**	**05/07/09**	**05/08/09**	**090507S12**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Aroclor-1016	91	107	50-135	16	0-20	
Aroclor-1260	102	101	50-135	0	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Date Received: 05/07/09
Work Order No: 09-05-0519
Preparation: EPA 3545
Method: EPA 8270C

Project SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
UCB-5	**Solid**	**GC/MS SS**	**05/07/09**	**05/08/09**	**090507S13**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	83	87	57-123	5	0-16	
2-Chlorophenol	88	92	57-111	4	0-17	
1,4-Dichlorobenzene	80	82	49-127	2	0-20	
N-Nitroso-di-n-propylamine	95	100	54-144	5	0-17	
1,2,4-Trichlorobenzene	94	97	42-132	3	0-20	
Naphthalene	93	95	50-150	2	0-20	
4-Chloro-3-Methylphenol	91	94	50-128	3	0-17	
Dimethyl Phthalate	91	94	50-150	3	0-20	
Acenaphthylene	94	96	50-150	2	0-20	
Acenaphthene	94	96	49-133	2	0-18	
4-Nitrophenol	87	90	30-144	4	0-21	
2,4-Dinitrotoluene	79	80	50-128	2	0-18	
Fluorene	94	96	50-150	2	0-20	
Pentachlorophenol	56	56	29-113	1	0-22	
Pyrene	180	180	47-149	0	0-20	3
Butyl Benzyl Phthalate	175	175	50-150	0	0-20	3

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Date Received: N/A
Work Order No: 09-05-0519
Preparation: EPA 3050B
Method: EPA 6020

Project: SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
096-10-002-1,492	**Solid**	**ICP/MS 03**	**05/07/09**	**05/07/09**	**090507L10**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Antimony	97	94	80-120	73-127	3	0-20	
Arsenic	98	97	80-120	73-127	1	0-20	
Barium	96	93	80-120	73-127	4	0-20	
Beryllium	100	97	80-120	73-127	3	0-20	
Cadmium	101	98	80-120	73-127	3	0-20	
Chromium	97	95	80-120	73-127	2	0-20	
Cobalt	99	97	80-120	73-127	2	0-20	
Copper	103	101	80-120	73-127	3	0-20	
Lead	96	94	80-120	73-127	2	0-20	
Molybdenum	98	95	80-120	73-127	3	0-20	
Nickel	99	96	80-120	73-127	3	0-20	
Selenium	97	96	80-120	73-127	0	0-20	
Silver	102	100	80-120	73-127	2	0-20	
Thallium	93	91	80-120	73-127	2	0-20	
Vanadium	98	96	80-120	73-127	2	0-20	
Zinc	100	99	80-120	73-127	0	0-20	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Date Received: N/A
Work Order No: 09-05-0519
Preparation: EPA 5035
Method: EPA 8015B (M)

Project: SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,464	**Solid**	**GC 11**	**05/08/09**	**05/08/09**	**090508B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	84	82	55-139	3	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Date Received: N/A
Work Order No: 09-05-0519
Preparation: EPA 5035
Method: EPA 8015B (M)

Project: SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,466	**Solid**	**GC 11**	**05/09/09**	**05/09/09**	**090509B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	79	84	55-139	5	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Pacific States Environmental Contractors, Inc.	Date Received:	N/A
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 5035
	Method:	EPA 8015B (M)

Project: SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,469	**Solid**	**GC 11**	**05/11/09**	**05/11/09**	**090511B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	93	95	55-139	2	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Date Received: N/A
Work Order No: 09-05-0519
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-275-2,704	**Solid**	**GC 46**	**05/07/09**	**05/07/09**	**090507B04**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	110	116	75-123	6	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Date Received: N/A
Work Order No: 09-05-0519
Preparation: EPA 7471A Total
Method: EPA 7471A

Project: SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-6,277	**Solid**	**Mercury**	**05/07/09**	**05/07/09**	**090507L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	105	106	85-121	1	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Date Received: N/A
Work Order No: 09-05-0519
Preparation: EPA 3545
Method: EPA 8081A

Project: SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-537-635	**Solid**	**GC 44**	**05/07/09**	**05/08/09**	**090507L11**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Gamma-BHC	110	111	50-135	1	0-25	
Heptachlor	113	112	50-135	1	0-25	
Endosulfan I	105	106	50-135	1	0-25	
Dieldrin	106	107	50-135	1	0-25	
Endrin	118	115	50-135	2	0-25	
4,4'-DDT	109	112	50-135	2	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Pacific States Environmental Contractors, Inc.	Date Received:	N/A
11555 Dublin Blvd.	Work Order No:	09-05-0519
Dublin, CA 94568-2854	Preparation:	EPA 3545
	Method:	EPA 8082

Project: SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-535-651	**Solid**	**GC 31**	**05/07/09**	**05/08/09**	**090507L12**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Aroclor-1016	104	104	50-135	0	0-20	X
Aroclor-1260	114	116	50-135	2	0-25	X

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Date Received: N/A
Work Order No: 09-05-0519
Preparation: EPA 3545
Method: EPA 8270C

Project: SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-549-848	**Solid**	**GC/MS SS**	**05/07/09**	**05/08/09**	**090507L13**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Phenol	85	86	59-125	48-136	1	0-15	
2-Chlorophenol	91	91	60-114	51-123	0	0-15	
1,4-Dichlorobenzene	92	92	61-121	51-131	0	0-21	
N-Nitroso-di-n-propylamine	97	99	64-136	52-148	2	0-15	
1,2,4-Trichlorobenzene	96	95	58-118	48-128	1	0-18	
Naphthalene	96	95	21-133	2-152	1	0-20	
4-Chloro-3-Methylphenol	93	93	61-121	51-131	0	0-14	
Dimethyl Phthalate	92	93	0-112	0-131	1	0-20	
Acenaphthylene	95	95	33-145	14-164	0	0-20	
Acenaphthene	95	96	59-125	48-136	0	0-15	
4-Nitrophenol	94	94	38-152	19-171	1	0-31	
2,4-Dinitrotoluene	91	91	51-141	36-156	0	0-16	
Fluorene	97	98	59-121	49-131	0	0-20	
Pentachlorophenol	77	76	38-116	25-129	1	0-20	
Pyrene	98	98	51-141	36-156	0	0-14	
Butyl Benzyl Phthalate	96	95	0-152	0-177	1	0-20	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Pacific States Environmental Contractors, Inc.
11555 Dublin Blvd.
Dublin, CA 94568-2854

Date Received: N/A
Work Order No: 09-05-0519
Preparation: EPA 5035
Method: EPA 8260B

Project: SAC Site / 608123

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-17,743	**Solid**	**GC/MS Q**	**05/09/09**	**05/09/09**	**090509L04**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	102	104	85-115	80-120	2	0-11	
Carbon Tetrachloride	96	97	68-134	57-145	2	0-14	
Chlorobenzene	97	97	83-119	77-125	0	0-9	
1,2-Dibromoethane	102	101	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	92	95	57-135	44-148	4	0-10	
1,1-Dichloroethene	101	102	72-120	64-128	1	0-10	
Ethylbenzene	108	108	80-120	73-127	1	0-20	
Toluene	104	106	67-127	57-137	2	0-10	
Trichloroethene	105	110	88-112	84-116	5	0-9	
Vinyl Chloride	98	98	57-129	45-141	0	0-16	
Methyl-t-Butyl Ether (MTBE)	103	101	76-124	68-132	2	0-12	
Tert-Butyl Alcohol (TBA)	100	93	31-145	12-164	7	0-23	
Diisopropyl Ether (DIPE)	95	101	74-128	65-137	6	0-10	
Ethyl-t-Butyl Ether (ETBE)	101	102	77-125	69-133	1	0-9	
Tert-Amyl-Methyl Ether (TAME)	106	103	81-123	74-130	3	0-10	
Ethanol	97	100	44-152	26-170	3	0-24	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 09-05-0519

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

CHAIN OF CUSTODY RECORD

Pacific States Environmental 11555 Dublin Blvd., Dublin, California 94568 (925-803-4333) FAX: 925-803-4334

Project Name: SAC Site

Project No.: 608123

Location: UC Berkeley, Berkeley, CA

Sampled By: Bryan Evans

Reporting:
Electronic Format: EDD
Hard Copy Format: PDF
Provide Chromatograms: Yes
EPA Data Report Level: II
Report results to: Bevans@pacificstates.net
kwayne@pacificstates.net; cdivers@pacificstates.net

Laboratory:
Calscience Environmental Laboratories, Inc.
7440 Lincoln Way, Garden Grove, CA 92841
Phone: (714) 895-5494 FAX: (714) 894-7501
Attn: Virendra Patel

COC No.: 0519

Revision: ____ (A, B, C, D, etc.)

ANALYSES REQUESTED

Field Sample Identification	Lab Sample No.	Date	Time	Matrix	No./Type of Containers	TPH as Carbon (C11 to C36) w/ silica gel cleanup (EPA 8015(B)M)	TPH as Diesel (C11 to C36) w/ silica gel cleanup (EPA 8015(B)M)	VOCs and fuel oxygenates(1) - Terra Core (EPA 8260(B))	Title 22 Metals (EPA 6020/7471)	TPH as gasoline - Terra Core (EPA 8015(B)M)	SVOCs (EPA 8270)	Organochlorine Pesticides (EPA 8081A)	PCBs (EPA 8082)	Moisture (ASTM - D216)				EXTRACT AND HOLD	PLACE ON HOLD	EXPECTED TURNAROUND TIME	Remarks
UCB-1	1	5/6/09	9:15	Soil	6-Terra Core and 2- 6-inch liners	X	X	X	X	X	X	X	X	X							
UCB-2	2	5/6/09	9:30	Soil	6-Terra Core and 2- 6-inch liners	X	X	X	X	X	X	X	X	X							
UCB-3	3	5/6/09	9:40	Soil	6-Terra Core and 2- 6-inch liners	X	X	X	X	X	X	X	X	X							
UCB-4	4	5/6/09	10:00	Soil	6-Terra Core and 2- 6-inch liners	X	X	X	X	X	X	X	X	X							
UCB-5	5	5/6/09	10:20	Soil	6-Terra Core and 2- 6-inch liners	X	X	X	X	X	X	X	X	X							
UCB-6	6	5/6/09	10:35	Soil	6-Terra Core and 2- 6-inch liners	X	X	X	X	X	X	X	X	X							
UCB-7	7	5/6/09	10:45	Soil	6-Terra Core and 2- 6-inch liners	X	X	X	X	X	X	X	X	X							
UCB-8	8	5/6/09	10:50	Soil	6-Terra Core and 2- 6-inch liners	X	X	X	X	X	X	X	X	X							
UCB-9	9	5/6/09	11:15	Soil	6-Terra Core and 2- 6-inch liners	X	X	X	X	X	X	X	X	X							
UCB-10	10	5/6/09	11:30	Soil	6-Terra Core and 2- 6-inch liners	X	X	X	X	X	X	X	X	X							

Special Instructions/Notes:
(1) Fuel oxygenates should include: TBA; MTBE; DIPE; ETBE; TAME; 1,2-DCA; and EDB.
(2) Report all results on both a dry and wet weight basis. Provide both dry and wet weight results in EDD and wet weight results only in Geotracker EDF.
(3) Sample number designation is as follows: hole location.
(4) PLEASE PERFORM ON 3 DAY TAT

PLEASE INCLUDE TPH CHROMATOGRAPHS WITH FINAL REPORT PACKAGE.

Relinquished by: (Signature/Affiliation)	Date	Time	Received by:
BE	5/6/09	3pm	
FEDEX 796584820841	5/7/09	1000	[signature] CEL

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-05- 0 5 1 7

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: PSE

DATE: 5 / 7 / 09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.5 °C - 0.2 °C (CF) = 2.3 °C ☐ **Blank** ☑ **Sample**

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** WB

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** WB

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** RN

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ COC not relinquished. ☐ No date relinquished. ☐ No time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑2 Sleeve ☐EnCores® ☑6 (2 Meth.+4 NaBi) TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na** ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PB ☐100PB**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____ **Other:** ☐_____ **Checked/Labeled by:** RN

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar (Wide-mouth) **B:** Bottle (Narrow-mouth) **Reviewed by:** YL

Preservative: **h:** HCL **n:** HNO3 **na$_2$:**$Na_2S_2O_3$ **Na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **znna:** $ZnAc_2$+NaOH **f:** Field-filtered **Scanned by:** RN

Work Order#: 09-05-0519

Client: Erler & Kalinowski, Inc

EPA 8015B (M) - Gasoline

Batch #090509B01

Chromatographs

Area Percent Report

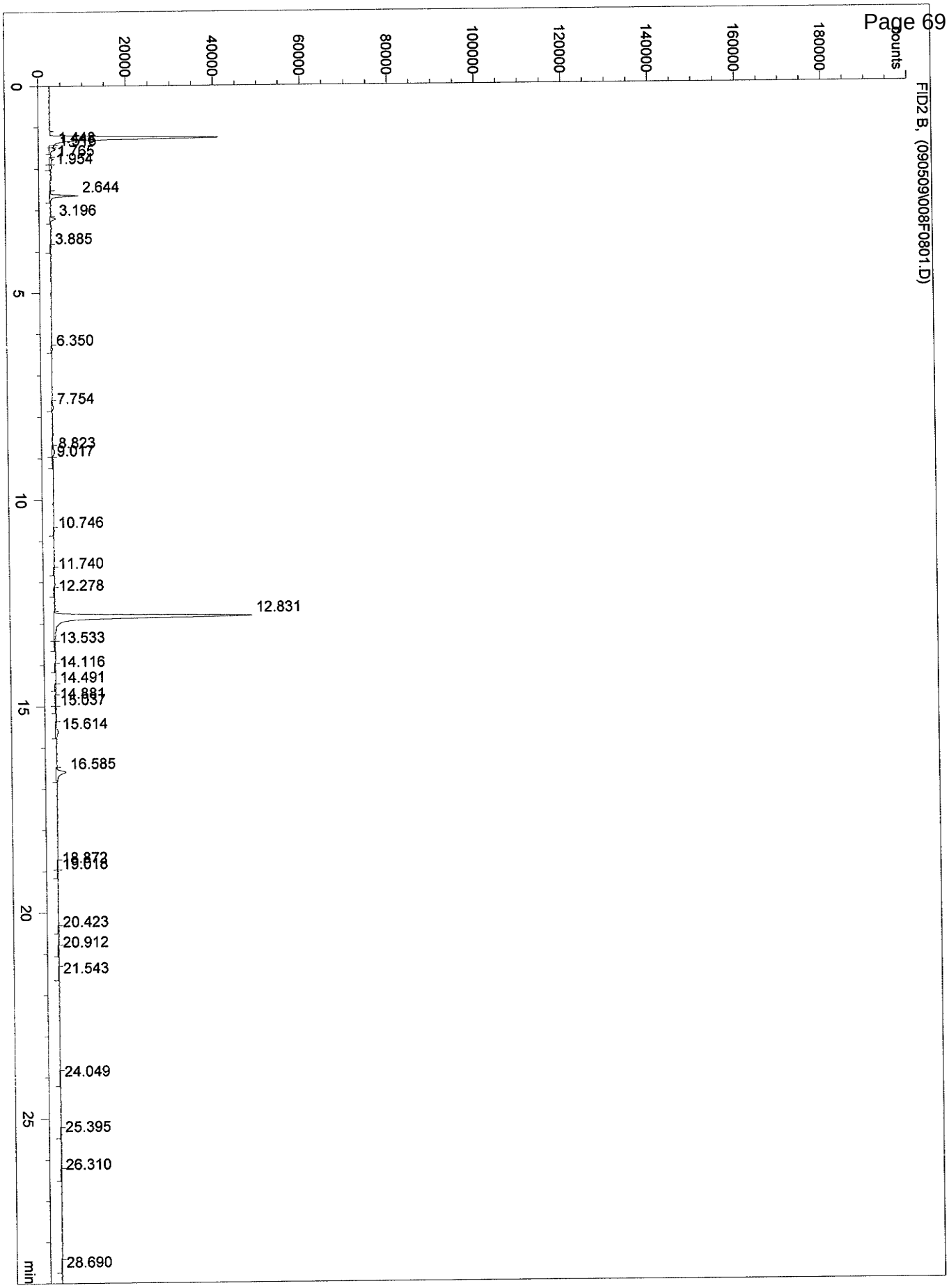
Data File Name : C:\HPCHEM\1\DATA\090509\008F0801.D
Operator :
Instrument : GC 11
Sample Name : 05-0519-1D 4.55
Run Time Bar Code:
Acquired on : 09 May 09 07:44 pm
Report Created on: 12 May 09 10:43 am

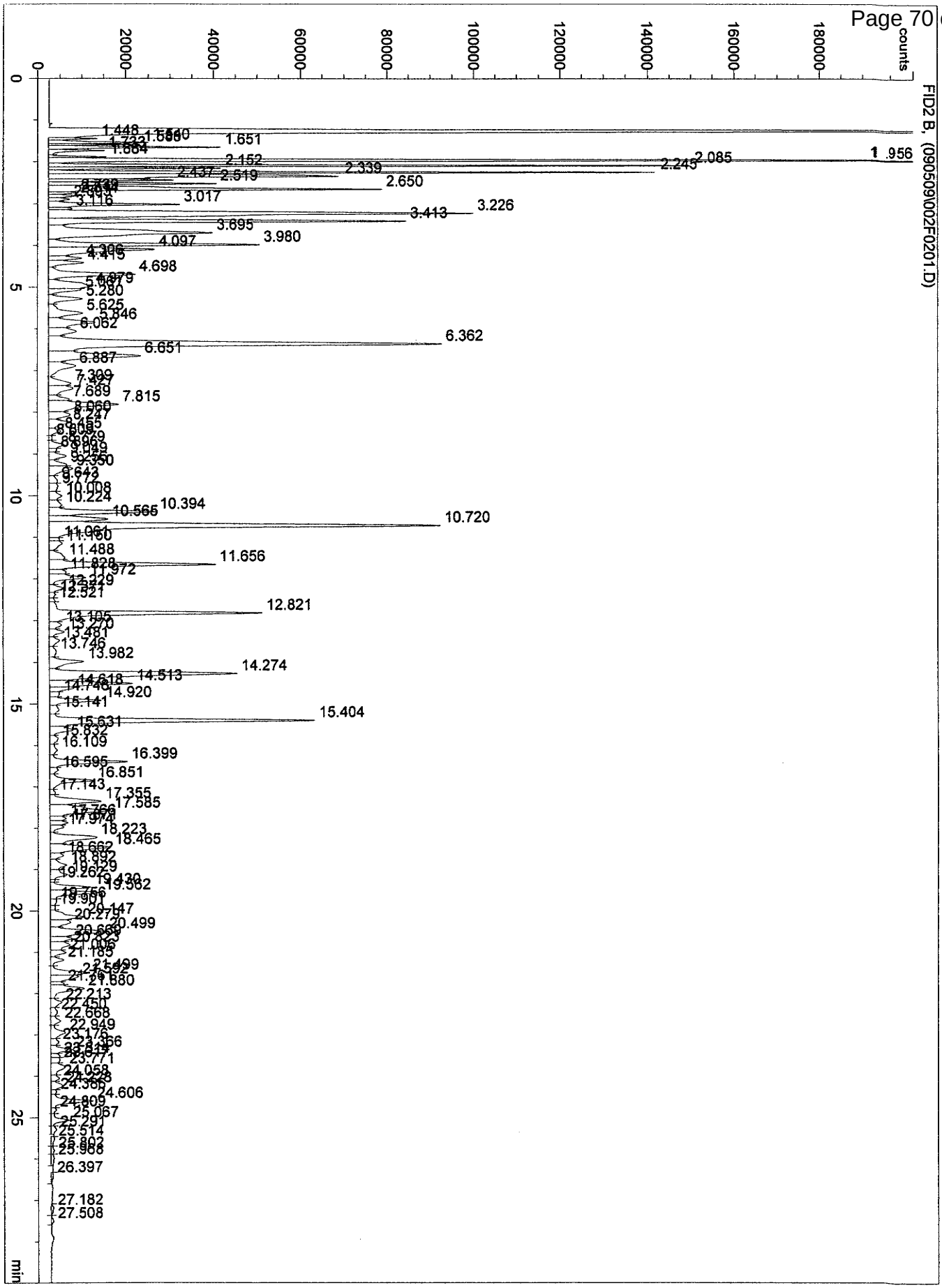
Page Number :
Vial Number : Vial 8
Injection Number : 1
Sequence Line : 8
Instrument Method: 80158021.M
Analysis Method : FID.MTH

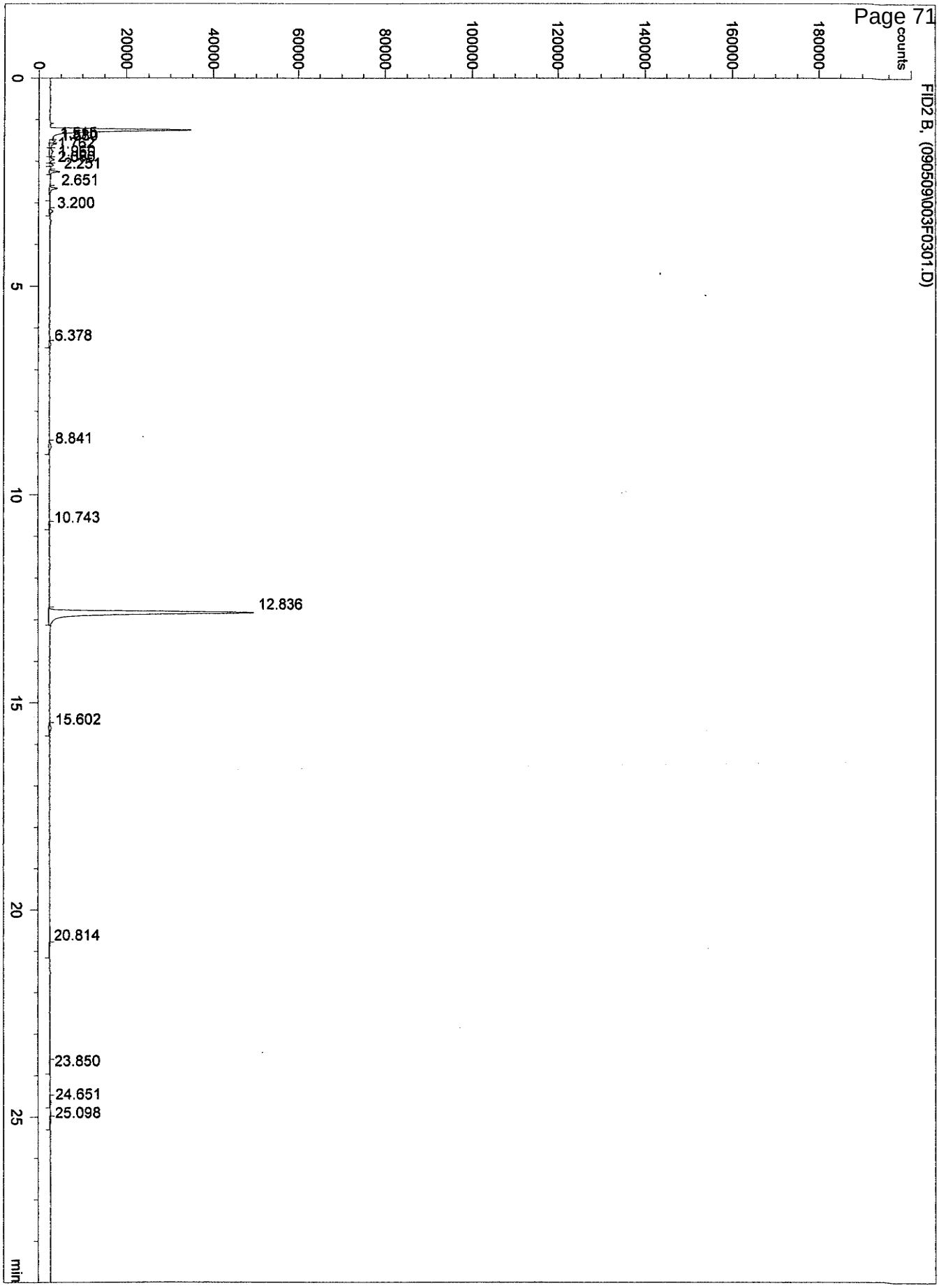
Sig. 1 in C:\HPCHEM\1\DATA\090509\008F0801.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	1.448	2886	1192	VV	0.040	0.740
2	1.515	6866	1448	VV	0.066	1.760
3	1.765	5134	918	VV	0.077	1.316
4	1.954	3308	630	VV	0.072	0.848
5	2.644	21423	6602	VV	0.048	5.493
6	3.196	6200	1283	VV	0.074	1.590
7	3.885	2577	278	VV	0.154	0.661
8	6.350	2748	389	VV	0.093	0.704
9	7.754	4039	434	VV	0.129	1.036
10	8.823	5698	571	VV	0.135	1.461
11	9.017	2736	235	VV	0.155	0.702
12	10.746	2898	351	VV	0.113	0.743
13	11.740	2547	245	VV	0.146	0.653
14	12.278	2809	243	VV	0.168	0.720
15	12.831	247432	45553	VV	0.084	63.437
16	13.533	3491	285	VV	0.179	0.895
17	14.116	3340	316	VV	0.176	0.856
18	14.491	2766	329	VV	0.119	0.709
19	14.881	3259	277	PV	0.149	0.836
20	15.037	2673	313	VV	0.124	0.685
21	15.614	9246	714	VV	0.165	2.370
22	16.585	18456	2354	VV	0.111	4.732
23	18.872	2957	259	VV	0.152	0.758
24	19.018	3066	322	VV	0.140	0.786
25	20.423	2913	308	VV	0.140	0.747
26	20.912	2900	234	VV	0.156	0.744
27	21.543	3315	234	VV	0.191	0.850
28	24.049	3748	243	VV	0.195	0.961
29	25.395	2783	272	VV	0.131	0.714
30	26.310	2773	226	VV	0.163	0.711
31	28.690	3053	250	PV	0.156	0.783

Total area = 390042


Counts
20000
40000
60000
80000
100000
120000
140000
160000
180000
FID2 B, (090509\008F0801.D)
0
5
10
15
20
25
min
1.954
2.644
3.196
3.885
6.350
7.754
9.017
10.746
11.740
12.278
12.831
13.533
14.116
14.491
15.037
15.614
16.585
20.423
20.912
21.543
24.049
25.395
26.310
28.690


counts
FID2 B, (090509\002F0201.D)
min
1.448
1.651
1.956
2.085
2.152
2.245
2.339
2.437
2.519
2.650
3.017
3.116
3.226
3.413
3.695
3.980
4.097
4.306
4.415
4.698
5.280
5.625
5.846
6.062
6.362
6.651
6.887
7.309
7.689
7.815
8.060
8.247
8.455
8.643
9.173
10.008
10.224
10.394
10.565
10.720
11.061
11.160
11.488
11.656
11.828
11.972
12.229
12.521
12.821
13.105
13.270
13.481
13.746
13.982
14.274
14.513
14.618
14.746
14.920
15.141
15.404
15.631
15.832
16.109
16.399
16.595
16.851
17.143
17.355
17.585
17.974
18.223
18.465
18.662
18.932
19.029
19.262
19.430
19.562
19.756
19.901
20.147
20.271
20.499
20.669
21.185
21.409
21.592
21.680
22.213
22.450
22.668
22.949
23.176
23.366
23.771
24.058
24.228
24.368
24.606
24.809
25.067
25.291
25.514
25.802
25.988
26.397
27.182
27.508


counts
20000
40000
60000
80000
100000
120000
140000
160000
180000
FID2 B, (090509\003F0301.D)
2.251
2.651
3.200
6.378
8.841
10.743
12.836
15.602
20.814
23.850
24.651
25.098
min

Work Order#: 09-05-0519

Client: Erler & Kalinowski, Inc

EPA 8015B (M) - Gasoline

090508B01

Chromatographs

Area Percent Report

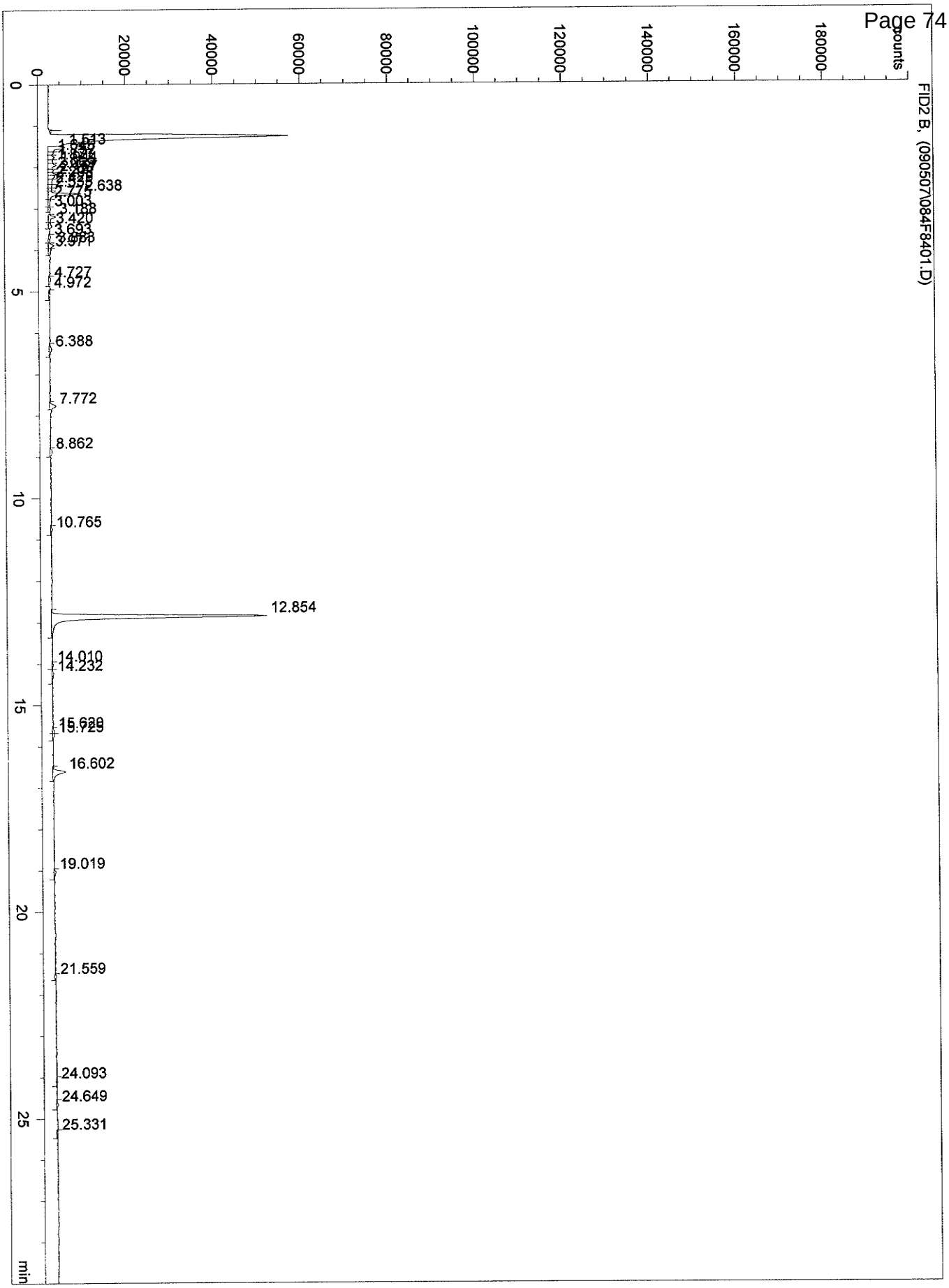
Data File Name : C:\HPCHEM\1\DATA\090507\084F8401.D
Operator :
Instrument : GC 11
Sample Name : 05-0519-2D 5.57
Run Time Bar Code:
Acquired on : 09 May 09 09:23 am
Report Created on: 09 May 09 03:01 pm

Page Number :
Vial Number : Vial 84
Injection Number : 1
Sequence Line : 84
Instrument Method: 80158021.M
Analysis Method : FID.MTH

Sig. 1 in C:\HPCHEM\1\DATA\090507\084F8401.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	1.513	19404	3865	VV	0.074	3.956
2	1.645	5144	1280	VV	0.067	1.049
3	1.752	7567	1471	VV	0.071	1.543
4	1.877	5282	1132	VV	0.078	1.077
5	1.944	10334	1843	VV	0.079	2.107
6	2.069	5324	1326	VV	0.067	1.085
7	2.157	6100	1914	VV	0.046	1.244
8	2.227	6902	1544	VV	0.061	1.407
9	2.298	6771	952	VV	0.119	1.380
10	2.429	3997	865	VV	0.065	0.815
11	2.535	3542	786	VV	0.075	0.722
12	2.638	26319	7514	VV	0.052	5.366
13	2.775	4382	523	VV	0.140	0.893
14	3.003	3175	509	VV	0.083	0.647
15	3.188	9131	1672	VV	0.078	1.861
16	3.420	5120	829	VV	0.084	1.044
17	3.693	4457	470	VV	0.122	0.909
18	3.883	5864	1245	VV	0.071	1.195
19	3.971	4767	654	VV	0.121	0.972
20	4.727	4777	433	VV	0.147	0.974
21	4.972	4078	345	VV	0.174	0.831
22	6.388	7135	628	VV	0.145	1.455
23	7.772	9390	1456	VV	0.101	1.914
24	8.862	4684	524	VV	0.126	0.955
25	10.765	3693	397	VV	0.135	0.753
26	12.854	262813	49437	VV	0.081	53.579
27	14.010	2536	345	VV	0.097	0.517
28	14.232	5240	408	VV	0.161	1.068
29	15.620	2846	480	VV	0.080	0.580
30	15.725	3247	473	VV	0.094	0.662
31	16.602	19752	2854	VV	0.101	4.027
32	19.019	4478	494	VV	0.121	0.913
33	21.559	2861	417	VV	0.099	0.583
34	24.093	3035	324	VV	0.124	0.619
35	24.649	3404	401	VV	0.109	0.694
36	25.331	2965	325	VV	0.114	0.604

Total area = 490516


Counts
FID2 B, (090507\084F8401.D)
min
12.854
16.602
19.019
21.559
24.093
24.649
25.331

Area Percent Report

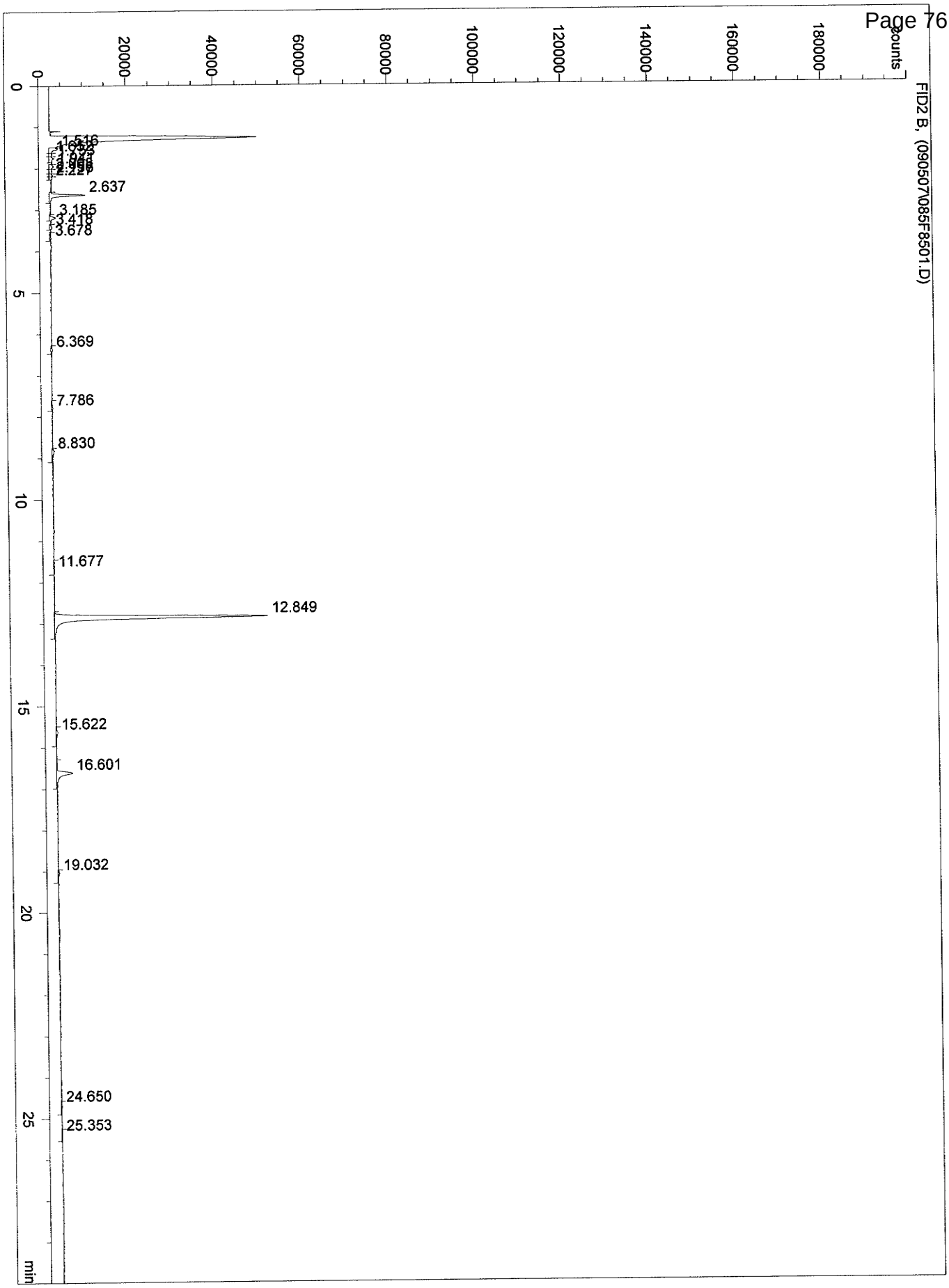
Data File Name : C:\HPCHEM\1\DATA\090507\085F8501.D
Operator :
Instrument : GC 11
Sample Name : 05-0519-3D 6.01
Run Time Bar Code:
Acquired on : 09 May 09 10:00 am
Report Created on: 09 May 09 03:02 pm

Page Number :
Vial Number : Vial 85
Injection Number : 1
Sequence Line : 85
Instrument Method: 80158021.M
Analysis Method : FID.MTH

Sig. 1 in C:\HPCHEM\1\DATA\090507\085F8501.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	1.516	9591	2040	VV	0.063	2.485
2	1.652	2947	703	VV	0.070	0.764
3	1.753	6218	1131	VV	0.083	1.611
4	1.941	5323	971	VV	0.082	1.379
5	2.068	3591	682	VV	0.088	0.931
6	2.156	2566	783	VV	0.046	0.665
7	2.227	2790	675	VV	0.057	0.723
8	2.637	27325	8212	VV	0.050	7.081
9	3.185	5736	1364	VV	0.062	1.486
10	3.418	3122	561	VV	0.079	0.809
11	3.678	2799	350	VV	0.110	0.725
12	6.369	3133	412	VV	0.110	0.812
13	7.786	3191	337	VV	0.121	0.827
14	8.830	4657	470	VV	0.134	1.207
15	11.677	2531	165	VV	0.242	0.656
16	12.849	259918	49133	PV	0.082	67.358
17	15.622	5034	370	VV	0.189	1.305
18	16.601	26186	3701	VV	0.103	6.786
19	19.032	3017	336	VV	0.121	0.782
20	24.650	3499	275	VV	0.169	0.907
21	25.353	2700	248	VV	0.150	0.700

Total area = 385874


Counts
FID2 B, (090507\085F8501.D)
min
2.637
3.185
3.418
3.678
6.369
7.786
8.830
11.677
12.849
15.622
16.601
19.032
24.650
25.353

Area Percent Report

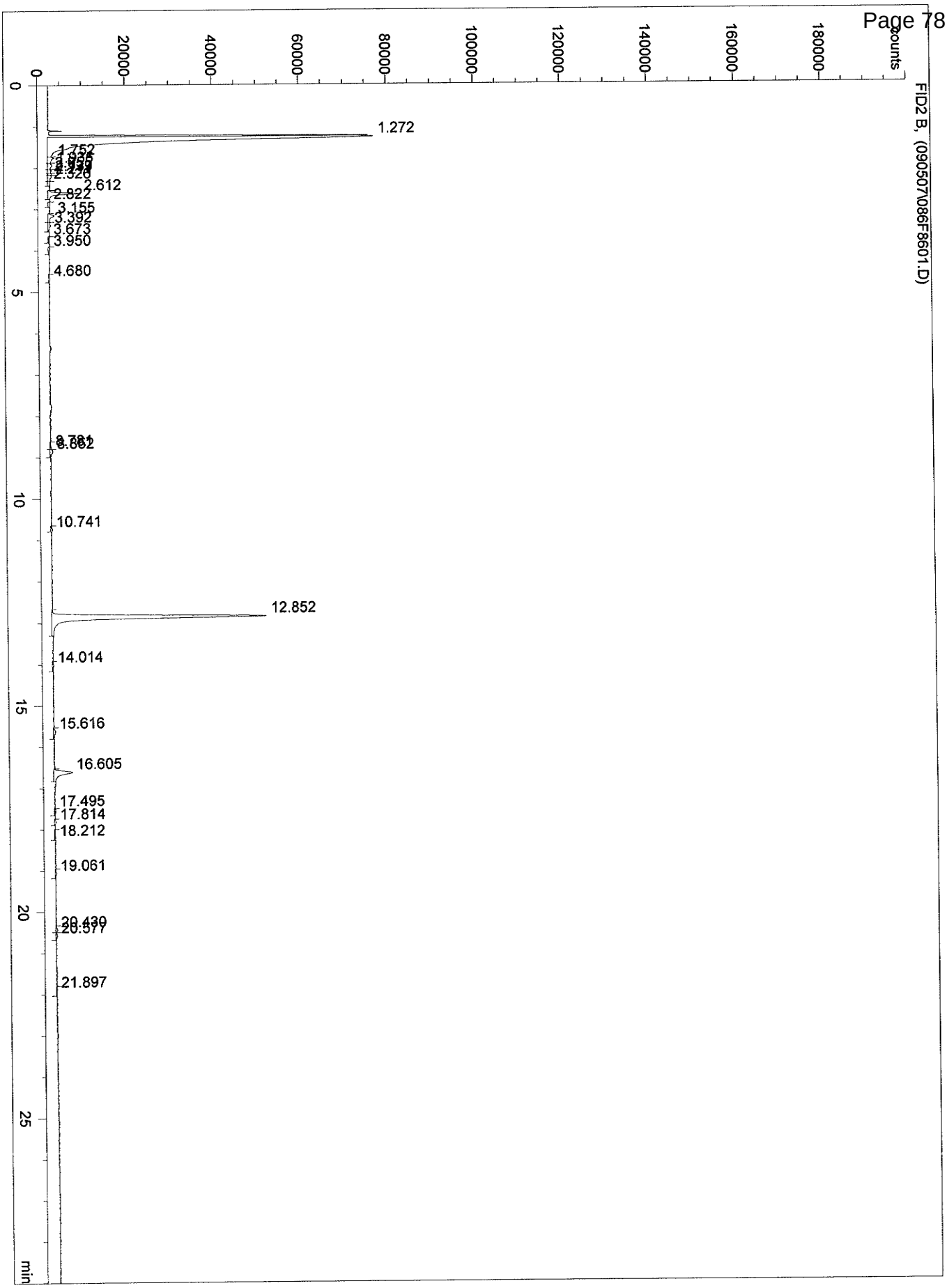
Data File Name : C:\HPCHEM\1\DATA\090507\086F8601.D
Operator :
Instrument : GC 11
Sample Name : 05-0519-4D 5.69
Run Time Bar Code:
Acquired on : 09 May 09 10:33 am
Report Created on: 12 May 09 04:22 pm

Page Number :
Vial Number : Vial 86
Injection Number : 1
Sequence Line : 86
Instrument Method: 80158021.M
Analysis Method : FID.MTH

Sig. 1 in C:\HPCHEM\1\DATA\090507\086F8601.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	1.272	493440	74922	FM	0.110	54.093
2	1.752	8674	1492	VV	0.085	0.951
3	1.935	7484	1100	VV	0.096	0.820
4	2.055	3742	862	VV	0.064	0.410
5	2.139	2615	907	VV	0.048	0.287
6	2.211	5985	932	VV	0.082	0.656
7	2.326	3488	520	VV	0.112	0.382
8	2.612	26797	7403	VV	0.054	2.938
9	2.822	3153	488	VV	0.108	0.346
10	3.155	8704	1405	VV	0.087	0.954
11	3.392	5355	643	VV	0.109	0.587
12	3.673	2510	375	VV	0.111	0.275
13	3.950	3359	361	VV	0.119	0.368
14	4.680	3225	399	VV	0.106	0.354
15	8.781	2734	406	VV	0.112	0.300
16	8.852	4544	672	VV	0.095	0.498
17	10.741	2591	393	VV	0.093	0.284
18	12.852	265379	49432	VV	0.082	29.092
19	14.014	3438	332	VV	0.137	0.377
20	15.616	5868	539	VV	0.139	0.643
21	16.605	28979	4309	VV	0.098	3.177
22	17.495	2950	346	VV	0.129	0.323
23	17.814	2638	430	VV	0.083	0.289
24	18.212	2959	281	VV	0.175	0.324
25	19.061	3442	390	VV	0.117	0.377
26	20.430	2638	415	VV	0.084	0.289
27	20.577	2965	367	VV	0.118	0.325
28	21.897	2543	260	VV	0.136	0.279

Total area = 912199


Counts
20000
40000
60000
80000
100000
120000
140000
160000
180000
FID2 B, (090507\086F8601.D)
1.272
1.752
2.612
2.822
3.155
3.392
3.673
3.950
4.680
8.662
10.741
12.852
14.014
15.616
16.605
17.495
17.814
18.212
19.061
20.577
21.897
min

Area Percent Report

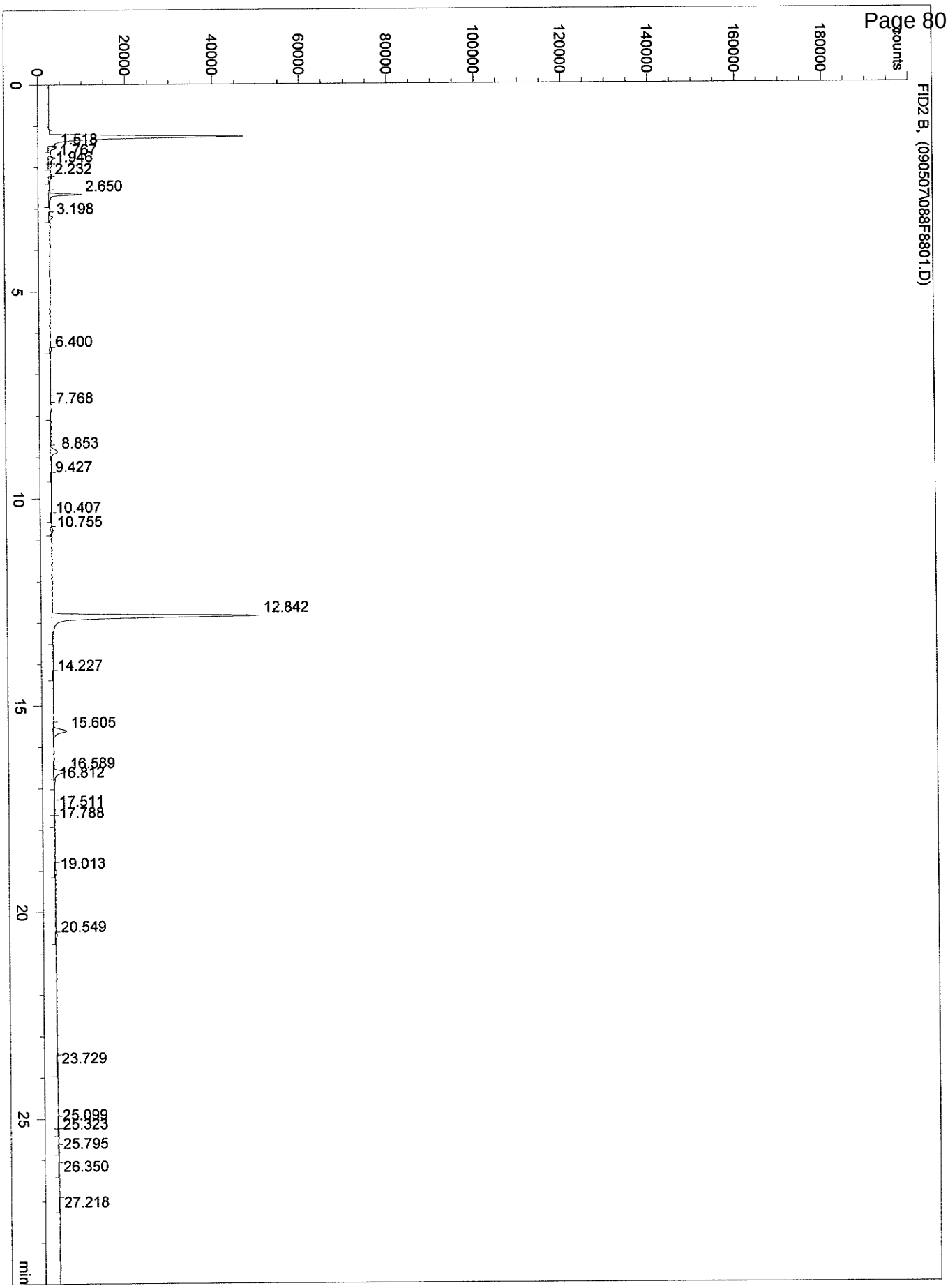
Data File Name : C:\HPCHEM\1\DATA\090507\088F8801.D
Operator :
Instrument : GC 11
Sample Name : 05-0519-6D 5.15
Run Time Bar Code:
Acquired on : 09 May 09 11:39 am
Report Created on: 09 May 09 03:02 pm

Page Number :
Vial Number : Vial 88
Injection Number : 1
Sequence Line : 88
Instrument Method: 80158021.M
Analysis Method : FID.MTH

Sig. 1 in C:\HPCHEM\1\DATA\090507\088F8801.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	1.518	8738	1883	VV	0.065	2.016
2	1.767	8794	1687	VV	0.084	2.029
3	1.946	4703	765	VV	0.088	1.085
4	2.232	4464	568	VV	0.131	1.030
5	2.650	26222	7536	VV	0.051	6.049
6	3.198	5806	921	VV	0.083	1.339
7	6.400	2697	455	VV	0.079	0.622
8	7.768	6872	503	VV	0.186	1.585
9	8.853	14115	1681	VV	0.129	3.256
10	9.427	2573	229	VV	0.152	0.594
11	10.407	2694	275	VV	0.144	0.621
12	10.755	3409	544	VV	0.090	0.786
13	12.842	254373	47737	VV	0.082	58.679
14	14.227	2745	231	VV	0.193	0.633
15	15.605	25333	3148	VV	0.119	5.844
16	16.589	20008	2855	VV	0.102	4.615
17	16.812	3948	425	VV	0.121	0.911
18	17.511	3873	267	VV	0.201	0.894
19	17.788	2955	266	VV	0.145	0.682
20	19.013	4955	407	VV	0.165	1.143
21	20.549	3945	471	VV	0.119	0.910
22	23.729	4441	182	VV	0.317	1.025
23	25.099	3090	227	VV	0.193	0.713
24	25.323	2516	299	VV	0.121	0.580
25	25.795	2510	279	VV	0.123	0.579
26	26.350	3531	256	VV	0.177	0.815
27	27.218	4189	287	VV	0.181	0.966

Total area = 433497


Counts
FID2 B, (090507\088F8801.D)
min
1.518
1.767
1.946
2.232
2.650
3.198
6.400
7.768
8.853
9.427
10.407
10.755
12.842
14.227
15.605
16.589
16.812
17.511
17.788
19.013
20.549
23.729
25.099
25.323
25.795
26.350
27.218

Area Percent Report

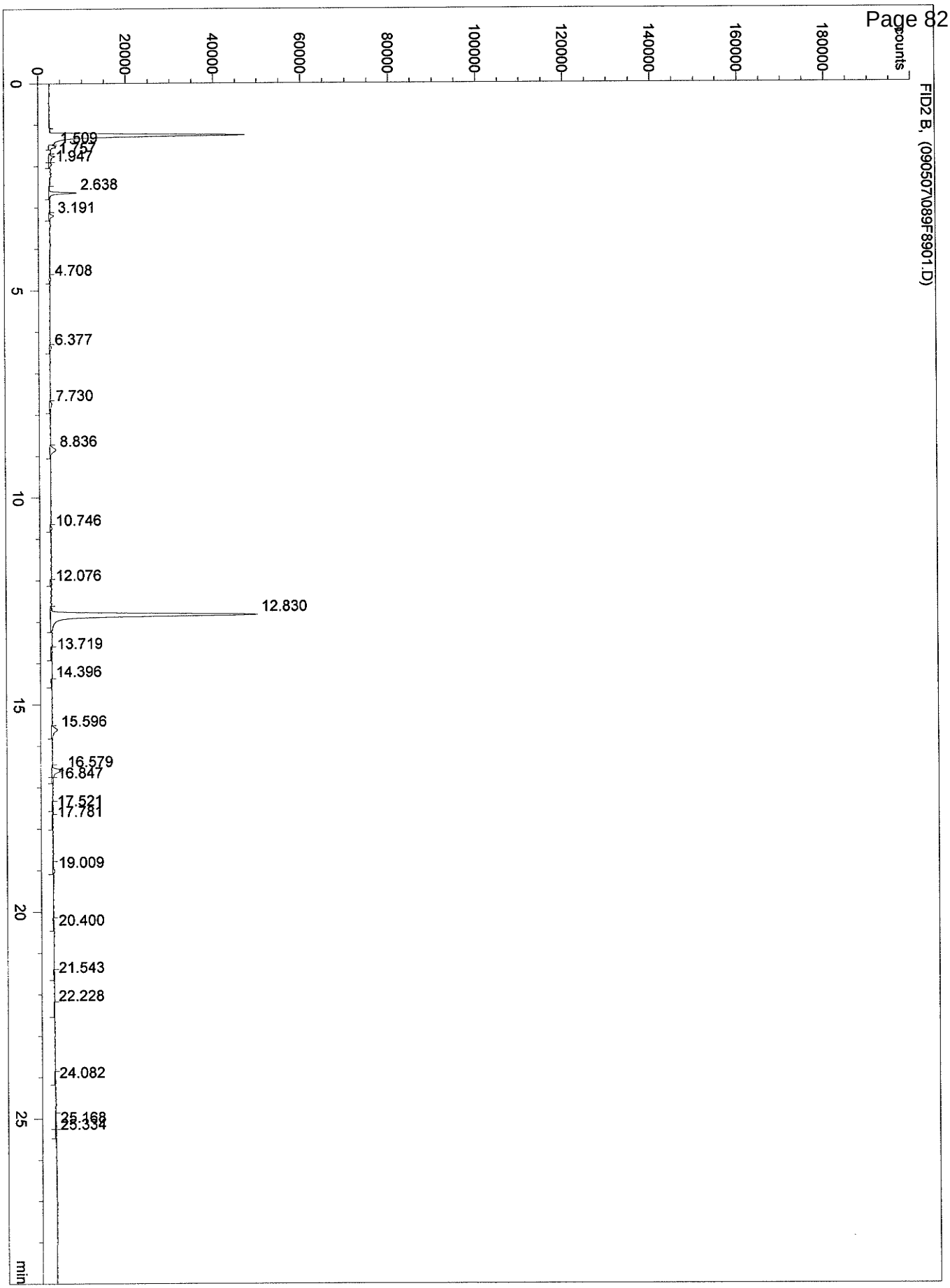
Data File Name : C:\HPCHEM\1\DATA\090507\089F8901.D
Operator :
Instrument : GC 11
Sample Name : 05-0519-7D 6.10
Run Time Bar Code:
Acquired on : 09 May 09 00:12 pm
Report Created on: 09 May 09 03:02 pm

Page Number :
Vial Number : Vial 89
Injection Number : 1
Sequence Line : 89
Instrument Method: 80158021.M
Analysis Method : FID.MTH

Sig. 1 in C:\HPCHEM\1\DATA\090507\089F8901.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	1.509	7493	1727	VV	0.067	1.869
2	1.757	7636	1389	VV	0.072	1.904
3	1.947	3375	670	VV	0.071	0.842
4	2.638	20267	6324	VV	0.048	5.055
5	3.191	5875	1121	VV	0.077	1.465
6	4.708	3573	426	VV	0.107	0.891
7	6.377	3407	409	VV	0.106	0.850
8	7.730	5759	519	VV	0.142	1.436
9	8.836	11846	1379	VV	0.119	2.955
10	10.746	2871	404	VV	0.098	0.716
11	12.076	2501	350	VV	0.119	0.624
12	12.830	254182	47454	VV	0.082	63.397
13	13.719	4990	505	VV	0.139	1.245
14	14.396	2602	243	VV	0.133	0.649
15	15.596	12375	1344	VV	0.120	3.087
16	16.579	18271	2698	VV	0.098	4.557
17	16.847	2755	359	VV	0.096	0.687
18	17.521	3031	259	VV	0.175	0.756
19	17.781	3928	250	VV	0.214	0.980
20	19.009	4746	429	VV	0.151	1.184
21	20.400	3788	389	PV	0.162	0.945
22	21.543	2548	259	VV	0.124	0.635
23	22.228	2783	173	VV	0.230	0.694
24	24.082	3178	210	VV	0.189	0.793
25	25.168	4587	290	VV	0.253	1.144
26	25.334	2568	273	VV	0.125	0.640

Total area = 400935


20000
40000
60000
80000
100000
120000
140000
160000
180000
Counts
FID2 B, (090507\089F8901.D)
0
5
10
15
20
25
min
1.509
1.757
1.947
2.638
3.191
4.708
6.377
7.730
8.836
10.746
12.076
12.830
13.719
14.396
15.596
16.579
16.847
17.521
17.781
19.009
20.400
21.543
22.228
24.082
25.168
25.334

Area Percent Report

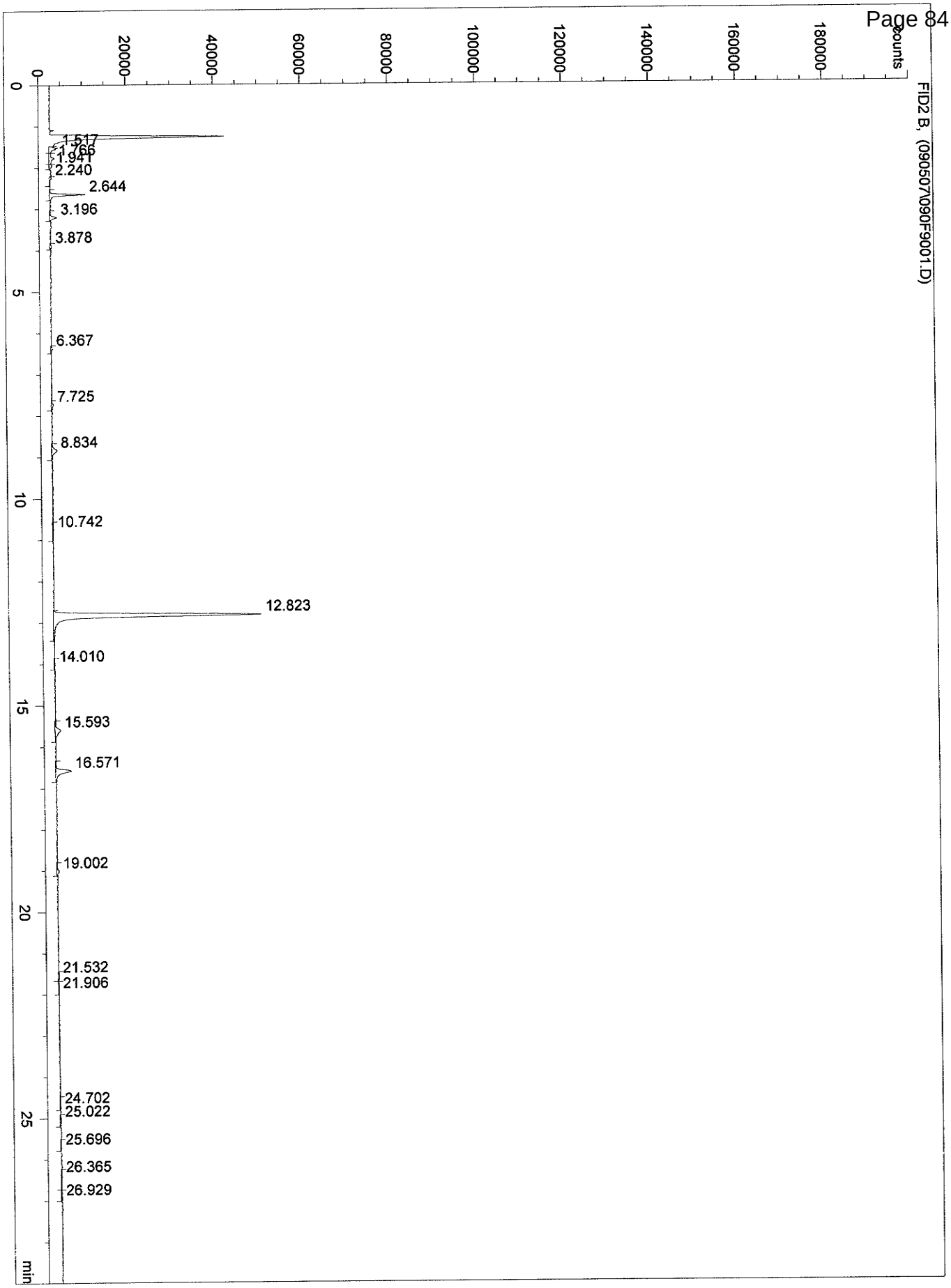
Data File Name : C:\HPCHEM\1\DATA\090507\090F9001.D
Operator :
Instrument : GC 11
Sample Name : 05-0519-8D 6.46
Run Time Bar Code:
Acquired on : 09 May 09 00:45 pm
Report Created on: 09 May 09 03:03 pm

Page Number :
Vial Number : Vial 90
Injection Number : 1
Sequence Line : 90
Instrument Method: 80158021.M
Analysis Method : FID.MTH

Sig. 1 in C:\HPCHEM\1\DATA\090507\090F9001.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	1.517	8803	2058	VV	0.061	2.150
2	1.766	8677	1269	VV	0.105	2.120
3	1.941	3406	665	VV	0.071	0.832
4	2.240	3653	482	VV	0.126	0.892
5	2.644	25600	8277	VV	0.046	6.253
6	3.196	7904	1654	VV	0.069	1.931
7	3.878	2660	390	VV	0.088	0.650
8	6.367	2788	405	VV	0.094	0.681
9	7.725	4014	518	VV	0.104	0.980
10	8.834	10835	1190	VV	0.135	2.647
11	10.742	4716	281	VV	0.211	1.152
12	12.823	255405	47832	VV	0.082	62.387
13	14.010	3164	247	VV	0.169	0.773
14	15.593	13935	1312	VV	0.144	3.404
15	16.571	25352	3628	VV	0.103	6.193
16	19.002	4516	512	VV	0.125	1.103
17	21.532	2525	250	VV	0.145	0.617
18	21.906	2593	234	VV	0.176	0.633
19	24.702	3240	237	VV	0.179	0.791
20	25.022	2835	245	VV	0.153	0.692
21	25.696	3213	271	VV	0.201	0.785
22	26.365	6350	275	VV	0.293	1.551
23	26.929	3200	275	VV	0.160	0.782

Total area = 409385


Counts
FID2 B, (090507\090F9001.D)
1.517
1.766
1.941
2.240
2.644
3.196
3.878
6.367
7.725
8.834
10.742
12.823
14.010
15.593
16.571
19.002
21.532
21.906
24.702
25.022
25.696
26.365
26.929
min

Area Percent Report

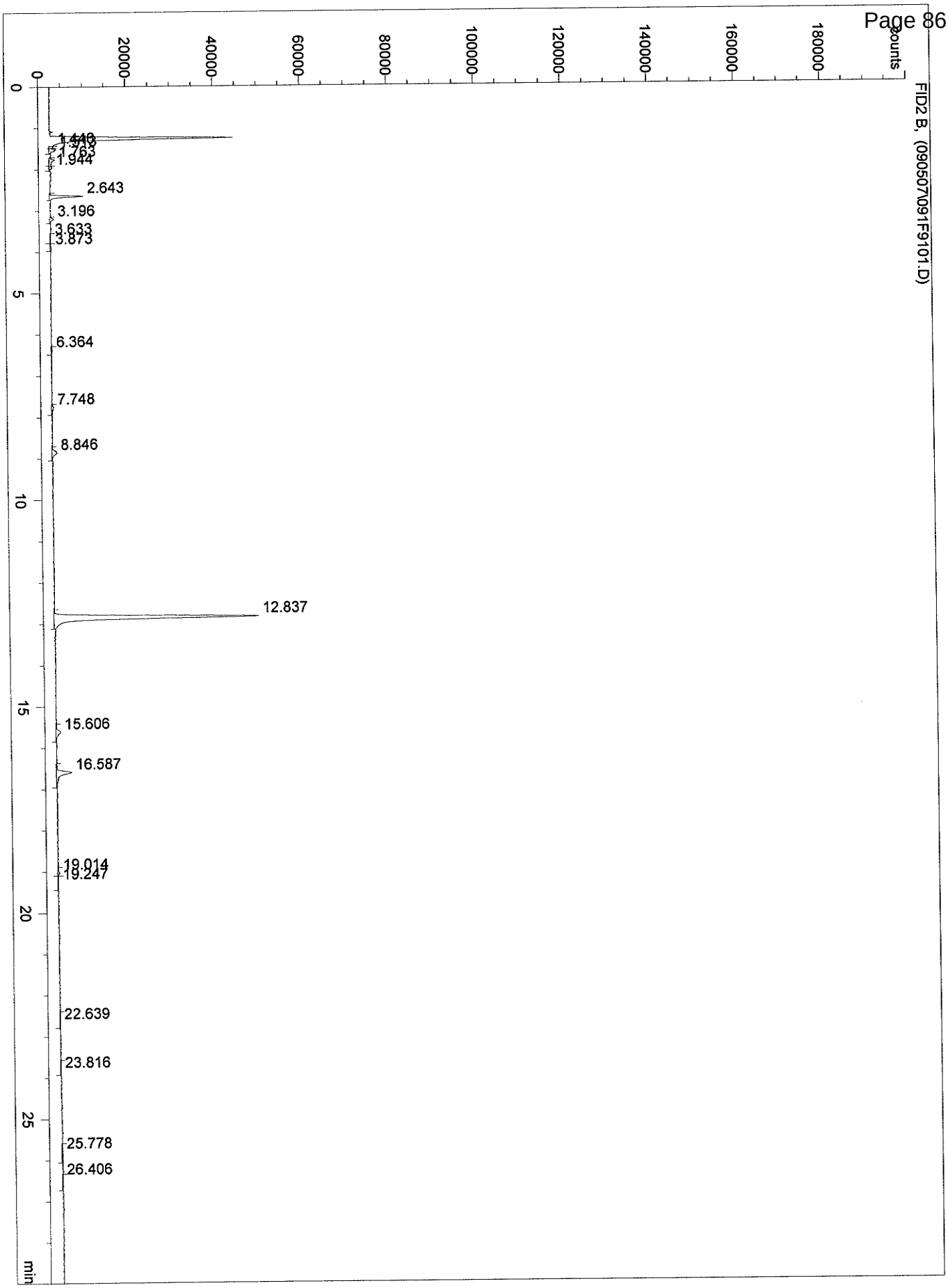
Data File Name : C:\HPCHEM\1\DATA\090507\091F9101.D
Operator :
Instrument : GC 11
Sample Name : 05-0519-9D 5.23
Run Time Bar Code:
Acquired on : 09 May 09 01:18 pm
Report Created on: 09 May 09 03:03 pm

Page Number :
Vial Number : Vial 91
Injection Number : 1
Sequence Line : 91
Instrument Method: 80158021.M
Analysis Method : FID.MTH

Sig. 1 in C:\HPCHEM\1\DATA\090507\091F9101.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	1.446	2573	1054	VV	0.041	0.703
2	1.513	6498	1559	VV	0.073	1.775
3	1.763	6755	1267	VV	0.071	1.845
4	1.944	3034	665	VV	0.067	0.829
5	2.643	22252	7742	VV	0.044	6.078
6	3.196	4372	948	VV	0.064	1.194
7	3.633	2509	248	VV	0.124	0.685
8	3.873	2573	343	VV	0.103	0.703
9	6.364	2631	343	VV	0.101	0.719
10	7.748	3903	455	VV	0.119	1.066
11	8.846	8530	1091	VV	0.113	2.330
12	12.837	245046	47024	VV	0.080	66.930
13	15.606	10842	1096	VV	0.138	2.961
14	16.587	25707	3548	VV	0.105	7.021
15	19.014	3189	390	VV	0.124	0.871
16	19.247	3313	259	VV	0.162	0.905
17	22.639	2562	194	VV	0.250	0.700
18	23.816	2569	199	VV	0.168	0.702
19	25.778	4278	224	VV	0.256	1.169
20	26.406	2984	165	VV	0.227	0.815

Total area = 366122


Counts
20000
40000
60000
80000
100000
120000
140000
160000
180000
FID2 B, (090507\091F9101.D)
0
5
10
15
20
25
min
1.440
1.763
1.944
2.643
3.196
3.633
3.873
6.364
7.748
8.846
12.837
15.606
16.587
19.014
19.247
22.639
23.816
25.778
26.406

Area Percent Report

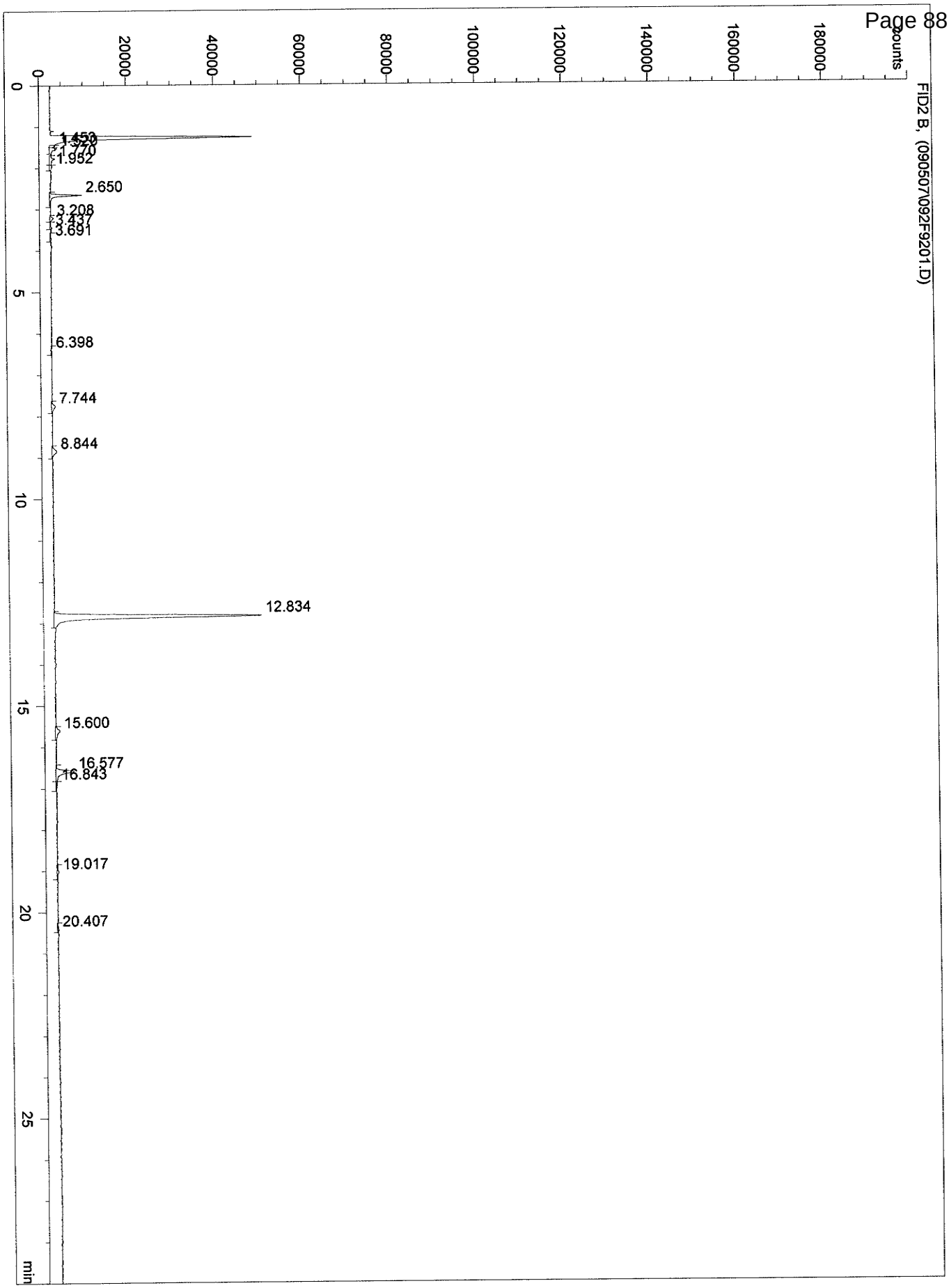
Data File Name : C:\HPCHEM\1\DATA\090507\092F9201.D
Operator :
Instrument : GC 11
Sample Name : 05-0519-10D 4.94
Run Time Bar Code:
Acquired on : 09 May 09 01:51 pm
Report Created on: 09 May 09 03:03 pm

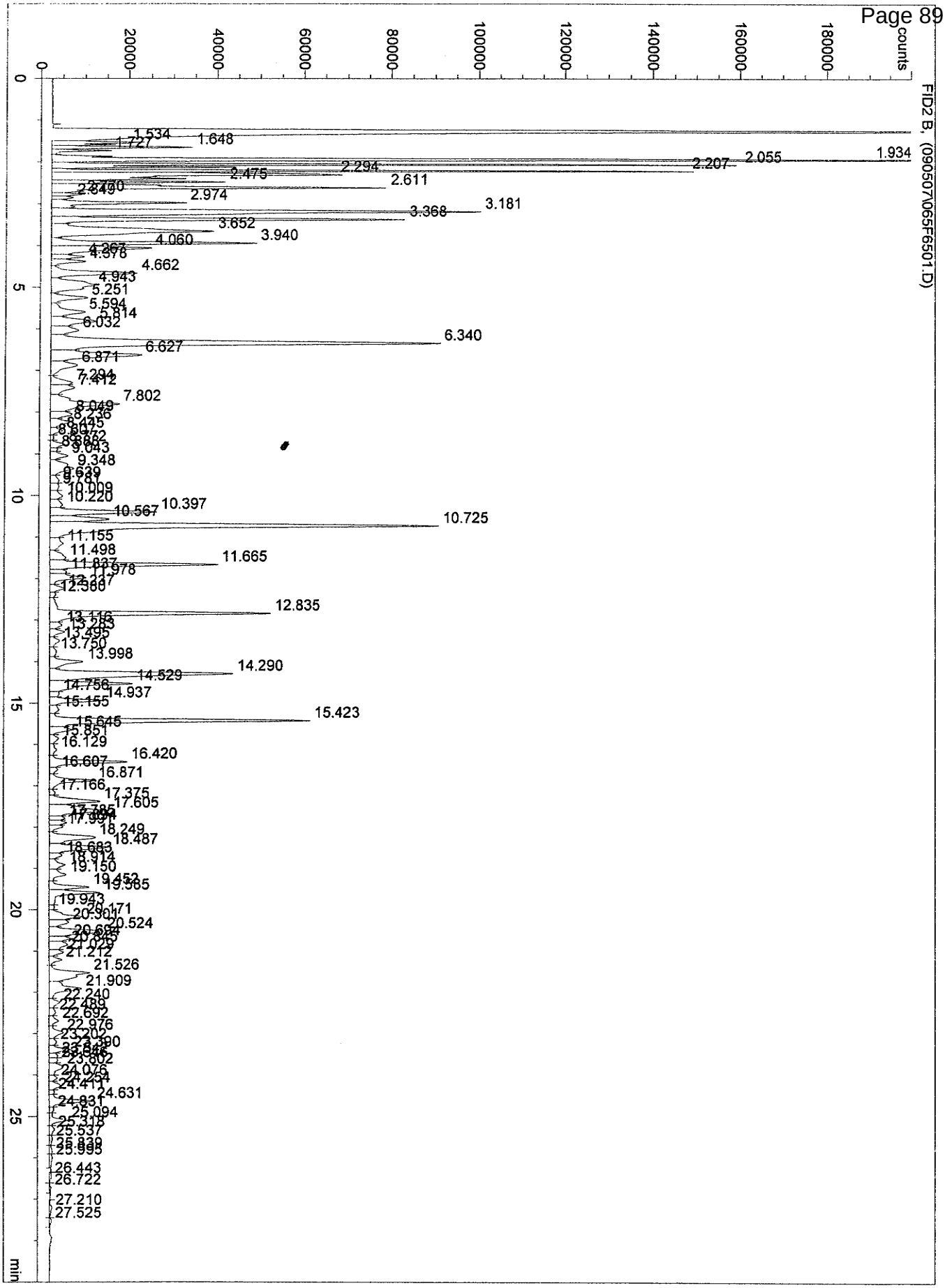
Page Number :
Vial Number : Vial 92
Injection Number : 1
Sequence Line : 92
Instrument Method: 80158021.M
Analysis Method : FID.MTH

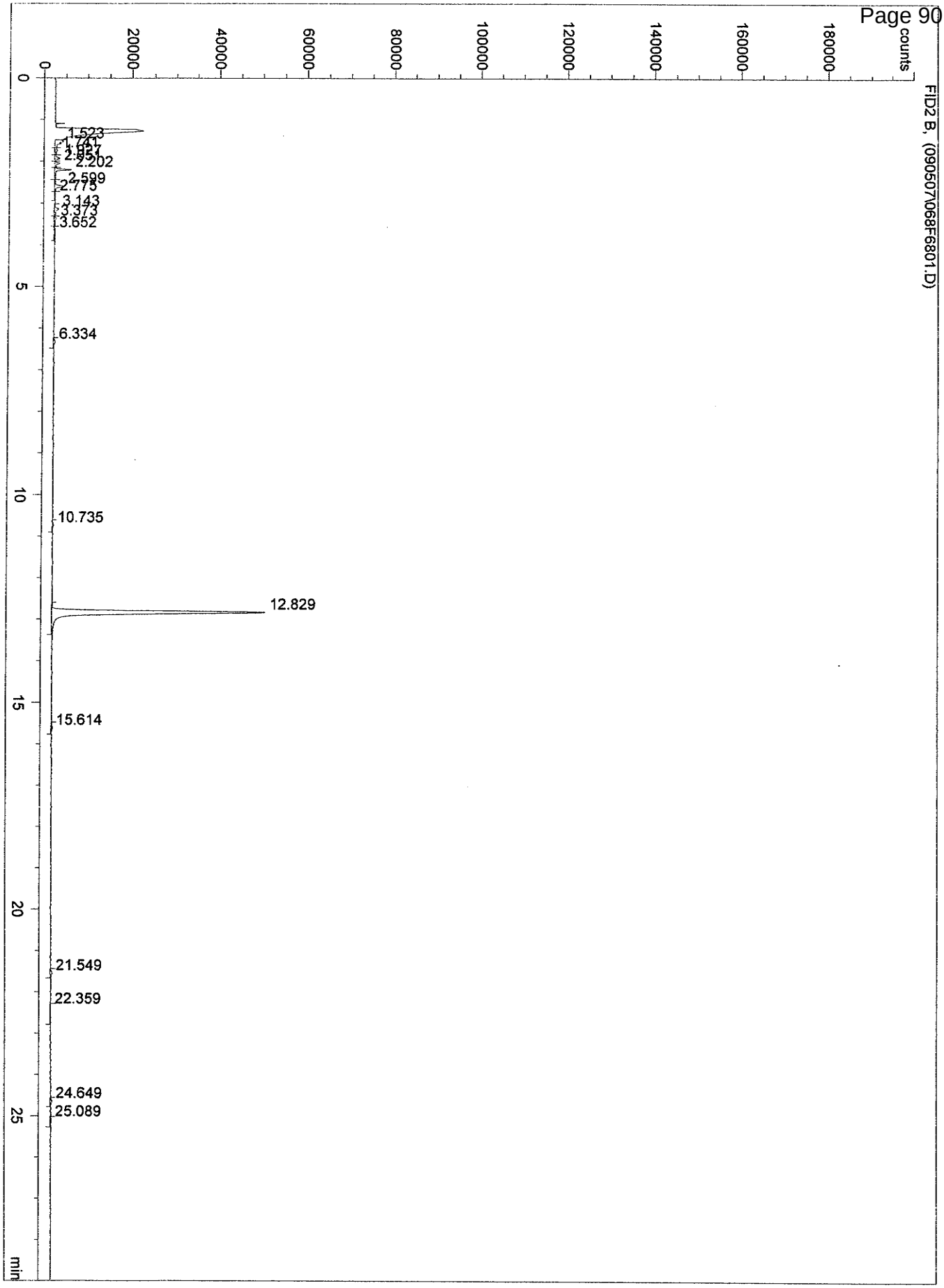
Sig. 1 in C:\HPCHEM\1\DATA\090507\092F9201.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	1.453	3303	1331	VV	0.041	0.880
2	1.520	8268	1727	VV	0.072	2.203
3	1.770	7668	1313	VV	0.076	2.043
4	1.952	3539	615	VV	0.084	0.943
5	2.650	24226	7320	VV	0.049	6.456
6	3.208	3923	758	VV	0.076	1.045
7	3.437	2809	416	VV	0.093	0.749
8	3.691	2787	309	VV	0.124	0.743
9	6.398	2843	309	VV	0.118	0.758
10	7.744	7495	886	VV	0.111	1.997
11	8.844	9480	1110	VV	0.115	2.526
12	12.834	248401	47721	VV	0.080	66.194
13	15.600	10681	1101	VV	0.131	2.846
14	16.577	28565	4273	VV	0.099	7.612
15	16.843	3320	349	VV	0.158	0.885
16	19.017	5336	469	VV	0.144	1.422
17	20.407	2617	288	VV	0.117	0.697

Total area = 375261


Counts
FID2 B, (090507\092F9201.D)
1.952
2.650
3.208
3.437
3.691
6.398
7.744
8.844
12.834
15.600
16.577
16.843
19.017
20.407
min


0
20000
40000
60000
80000
100000
120000
140000
160000
180000
counts
FID2 B, (090507\065F6501.D)
min
1.534
1.648
1.727
1.934
2.055
2.207
2.294
2.475
2.611
2.974
3.181
3.368
3.652
3.940
4.060
4.662
4.943
5.251
5.594
6.032
6.340
6.627
6.871
7.802
10.397
10.725
11.665
12.835
14.290
14.529
14.937
15.423
16.420
16.871
17.605
18.249
18.487
19.565
20.524
21.212
21.526
21.909
24.631
25.094
26.443
26.722
27.210
27.525


counts
0
20000
40000
60000
80000
100000
120000
140000
160000
180000
FID2 B, (090507\068F6801.D)
1.523
2.202
2.599
2.775
3.143
3.373
3.652
6.334
10.735
12.829
15.614
21.549
22.359
24.649
25.089
min
0
5
10
15
20
25

Work Order#: 09-05-0519

Client: Erler & Kalinowski, Inc

EPA 8015B (M) - Gasoline

090511B01

Chromatographs

Area Percent Report

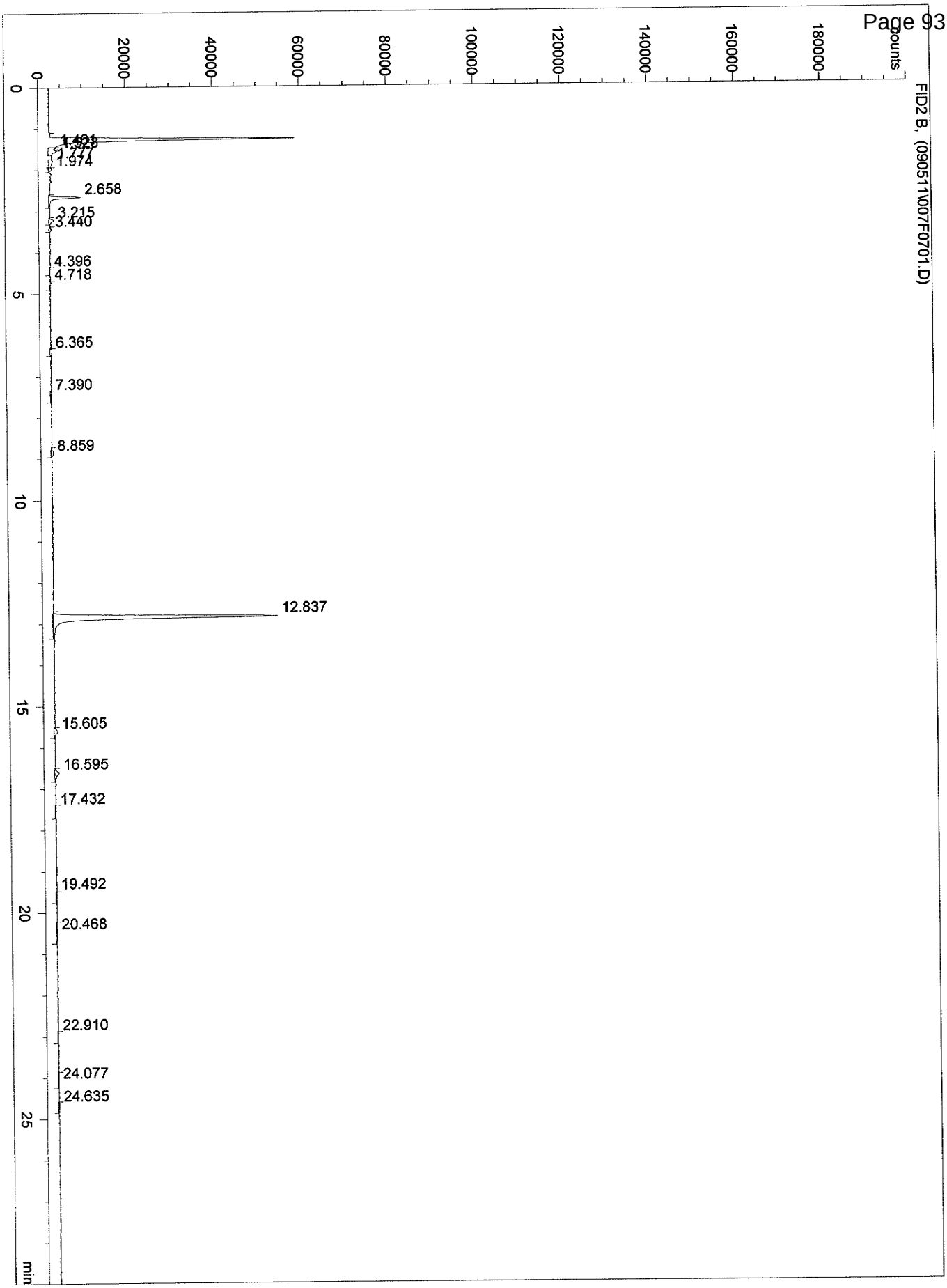
Data File Name : C:\HPCHEM\1\DATA\090511\007F0701.D
Operator :
Instrument : GC 11
Sample Name : 05-0519-5E 5.93
Run Time Bar Code:
Acquired on : 11 May 09 03:03 pm
Report Created on: 12 May 09 02:31 pm

Page Number :
Vial Number : Vial 7
Injection Number : 1
Sequence Line : 7
Instrument Method: 80158021.M
Analysis Method : FID.MTH

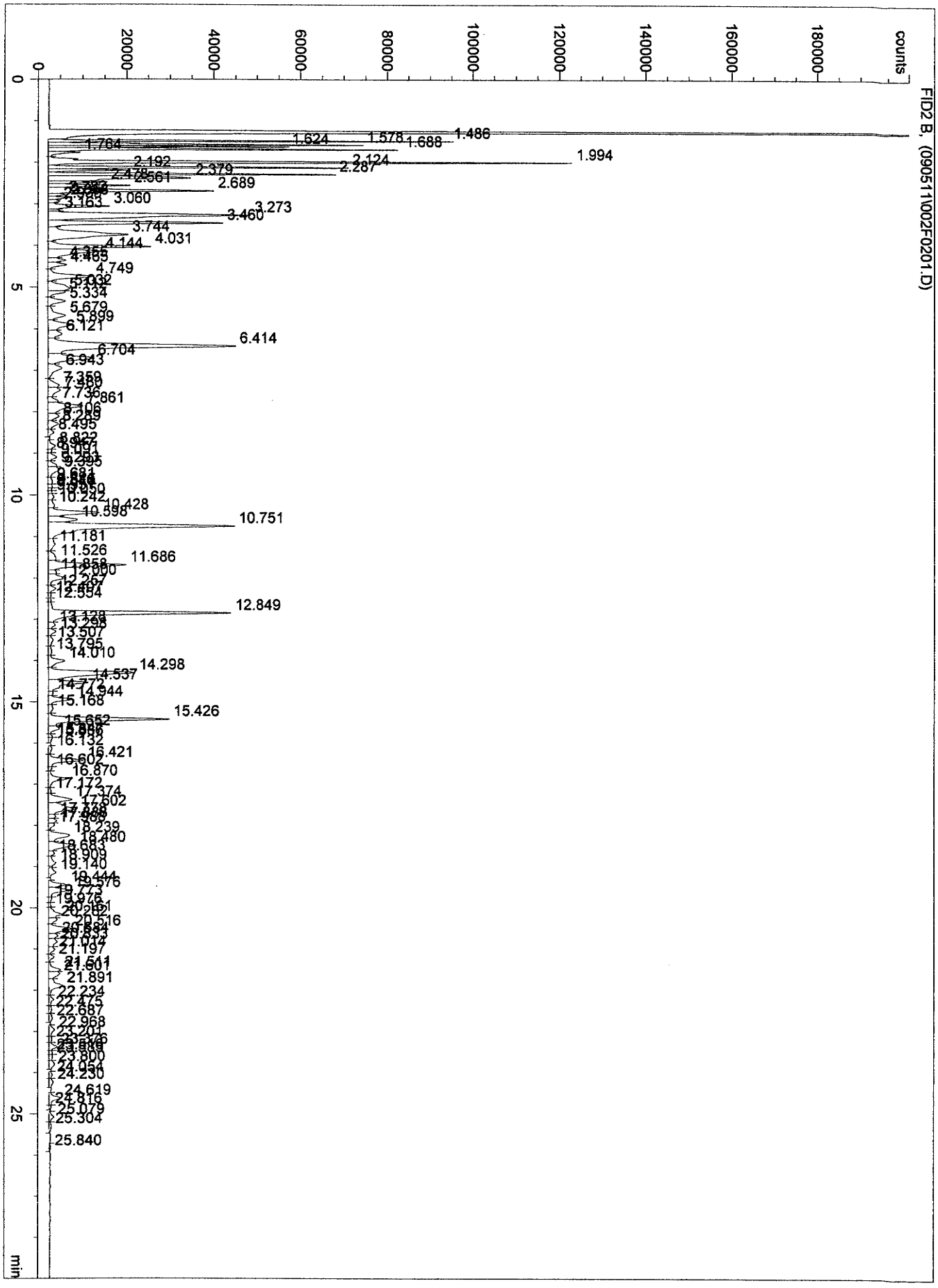
Sig. 1 in C:\HPCHEM\1\DATA\090511\007F0701.D

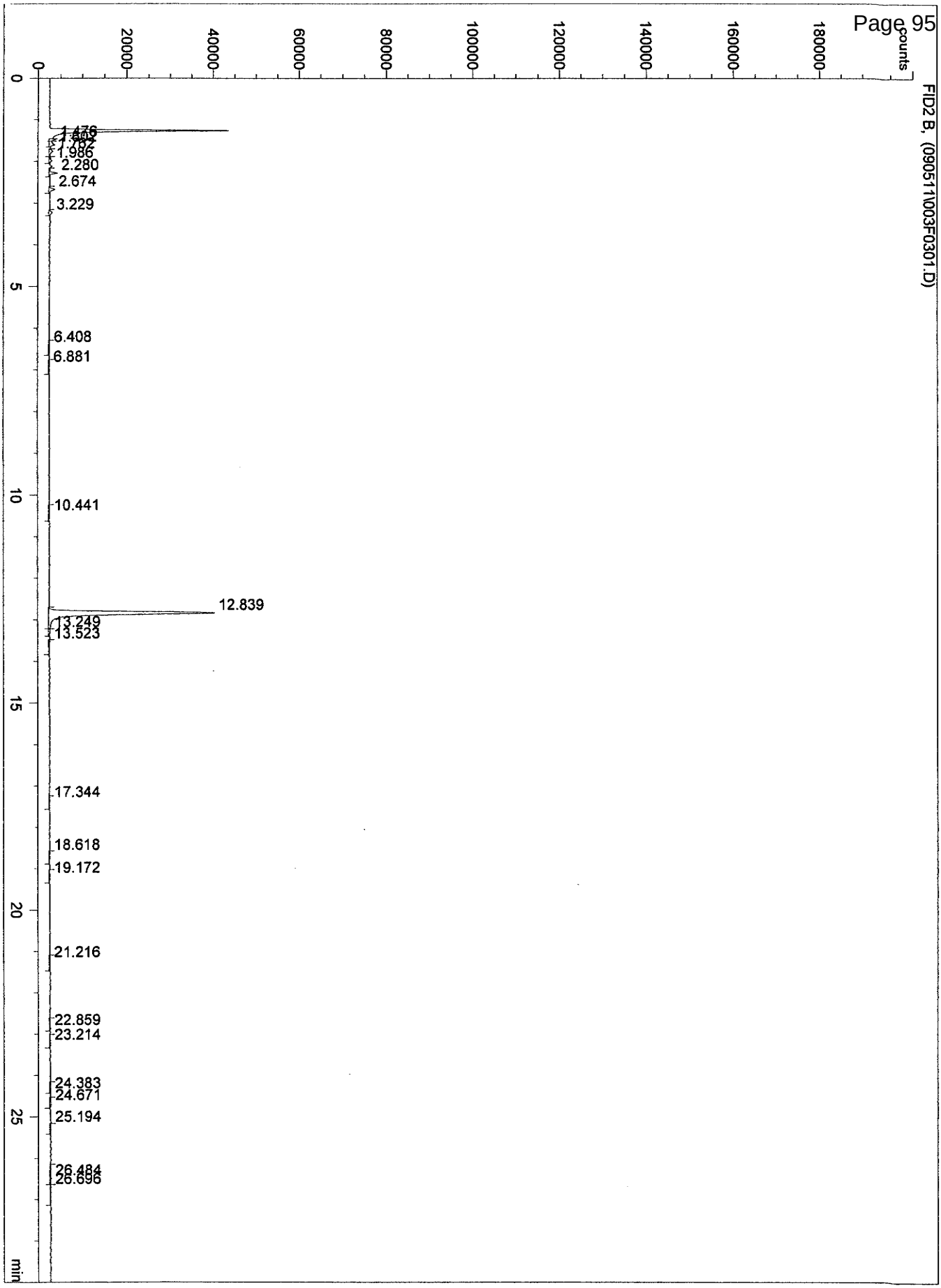
Pk	Ret Time	Area	Height	Peak	Width	Response %
1	1.461	4585	1735	VV	0.044	1.172
2	1.528	10193	2132	VV	0.067	2.607
3	1.777	8020	1051	VV	0.098	2.051
4	1.974	3522	792	VV	0.061	0.901
5	2.658	24298	7358	VV	0.049	6.214
6	3.215	5732	1190	VV	0.070	1.466
7	3.440	2814	523	VV	0.075	0.720
8	4.396	2524	261	VV	0.122	0.645
9	4.718	3210	363	VV	0.113	0.821
10	6.365	3693	468	VV	0.105	0.944
11	7.390	3942	305	VV	0.169	1.008
12	8.859	5382	553	VV	0.135	1.376
13	12.837	276079	51743	VV	0.081	70.605
14	15.605	6584	822	VV	0.114	1.684
15	16.595	9255	1035	VV	0.116	2.367
16	17.432	3981	259	VV	0.184	1.018
17	19.492	2600	204	VV	0.193	0.665
18	20.468	5706	277	VV	0.281	1.459
19	22.910	2783	272	VV	0.157	0.712
20	24.077	3266	214	VV	0.238	0.835
21	24.635	2854	299	VV	0.125	0.730

Total area = 391022


20000
40000
60000
80000
100000
120000
140000
160000
180000
Counts
FID2 B, (090511\007F0701.D)
1.974
2.658
3.215
3.440
4.396
4.718
6.365
7.390
8.859
12.837
15.605
16.595
17.432
19.492
20.468
22.910
24.077
24.635
0
5
10
15
20
25
min

Total area = 5455875




counts
20000
40000
60000
80000
100000
120000
140000
160000
180000
FID2 B, (090511\003F0301.D)
1.476
1.986
2.280
2.674
3.229
6.408
6.881
10.441
12.839
13.249
13.523
17.344
18.618
19.172
21.216
22.859
23.214
24.383
24.671
25.194
26.484
26.696
min

Work Order#: 09-05-0519

Client: Pacific States

TPH - Carbon Chain

Chromatographs

Area Percent Report

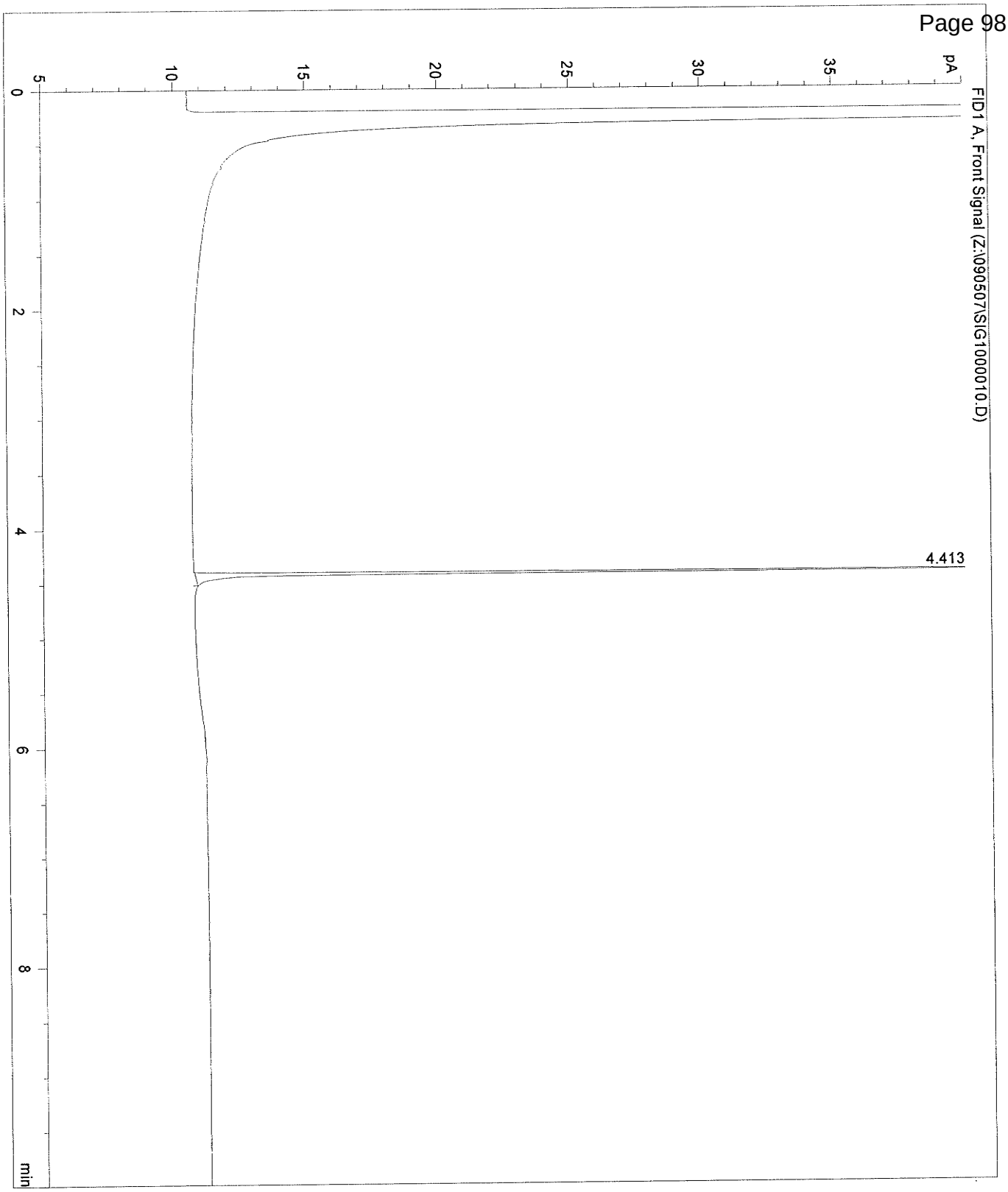
Data File Name : Z:\090507\SIG1000010.D
Operator :
Instrument : GC 46
Sample Name : 05-0519-1
Run Time Bar Code:
Acquired on : 07 May 09 07:15 pm
Report Created on: 08 May 09 10:23 am

Page Number :
Vial Number : Vial 10
Injection Number : 1
Sequence Line : 10
Instrument Method: C:\CHEM32\->
Analysis Method : GC46_FID.MTH

Sig. 1 in Z:\090507\SIG1000010.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	4.413	38.12	37	MM	0.017	100.000

Total area = 38.12


pA
5
10
15
20
25
30
35
0
2
4
6
8
min
FID1 A, Front Signal (Z:\090507\SIG1000010.D)
4.413

Area Percent Report

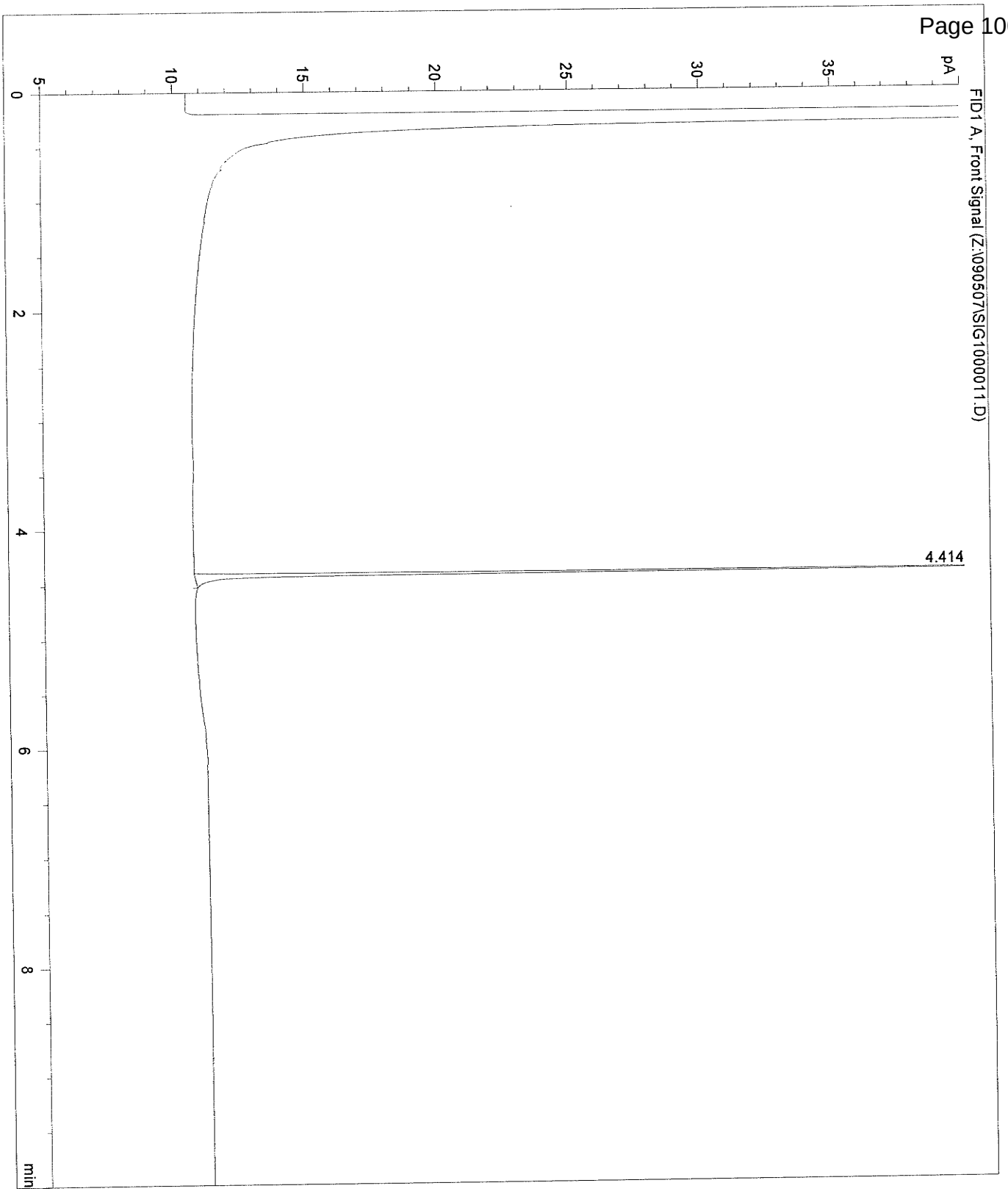
Data File Name : Z:\090507\SIG1000011.D
Operator :
Instrument : GC 46
Sample Name : 05-0519-2
Run Time Bar Code:
Acquired on : 07 May 09 07:31 pm
Report Created on: 08 May 09 10:23 am

Page Number :
Vial Number : Vial 11
Injection Number : 1
Sequence Line : 11
Instrument Method: C:\CHEM32\->
Analysis Method : GC46_FID.MTH

Sig. 1 in Z:\090507\SIG1000011.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	4.414	38.28	35	MM	0.018	100.000

Total area = 38.28


pA
5
10
15
20
25
30
35
FID1 A, Front Signal (Z:\090507\SIG1000011.D)
4.414
0
2
4
6
8
min

Area Percent Report

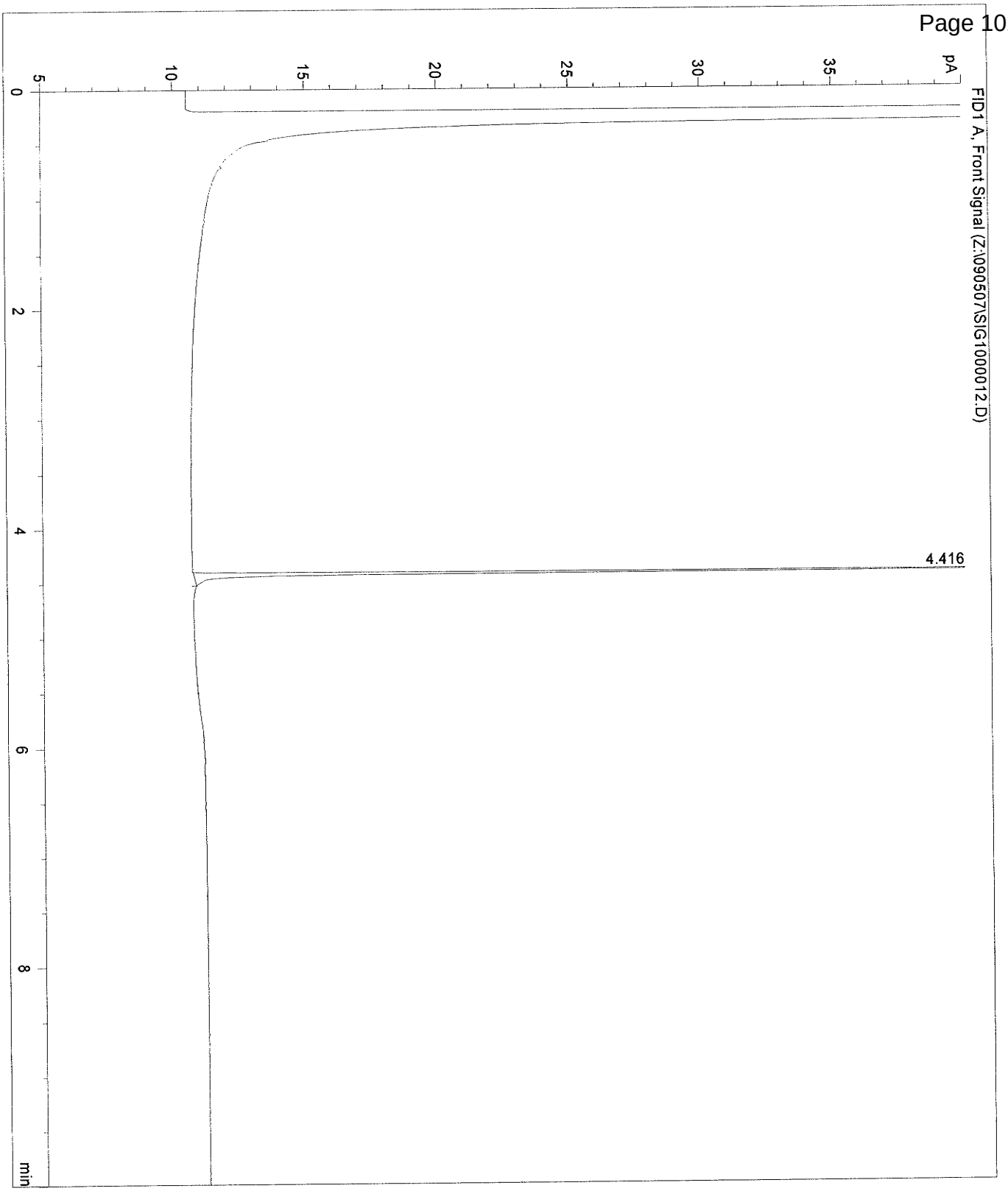
Data File Name : Z:\090507\SIG1000012.D
Operator :
Instrument : GC 46
Sample Name : 05-0519-3
Run Time Bar Code:
Acquired on : 07 May 09 07:47 pm
Report Created on: 08 May 09 10:23 am

Page Number :
Vial Number : Vial 12
Injection Number : 1
Sequence Line : 12
Instrument Method: C:\CHEM32\->
Analysis Method : GC46_FID.MTH

Sig. 1 in Z:\090507\SIG1000012.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	4.416	39.33	39	MM	0.017	100.000

Total area = 39.33


pA
5
10
15
20
25
30
35
0
2
4
6
8
min
FID1 A, Front Signal (Z:\090507\SIG1000012.D)
4.416

Area Percent Report

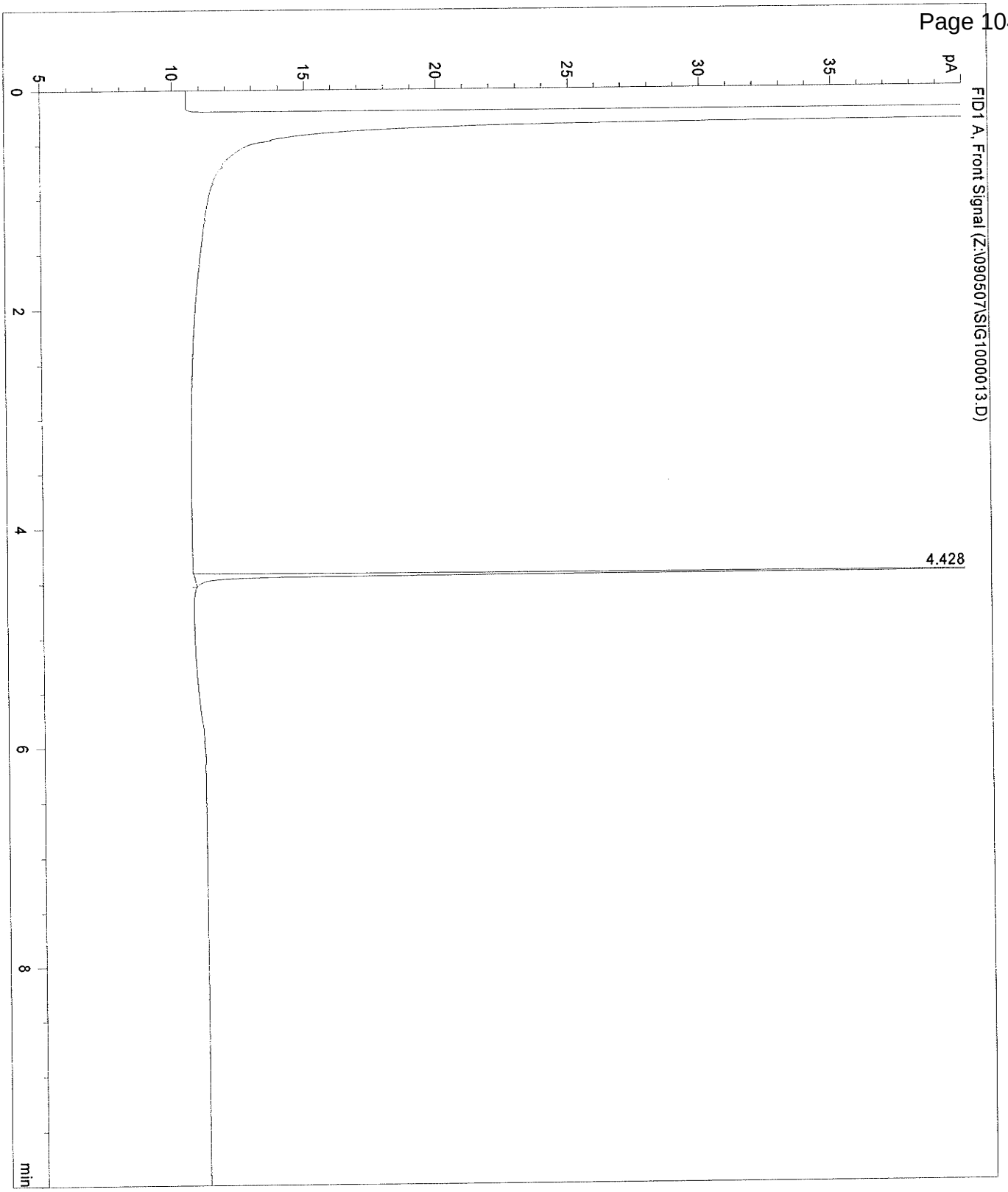
Data File Name : Z:\090507\SIG1000013.D
Operator :
Instrument : GC 46
Sample Name : 05-0519-4
Run Time Bar Code:
Acquired on : 07 May 09 08:02 pm
Report Created on: 08 May 09 10:23 am

Page Number :
Vial Number : Vial 13
Injection Number : 1
Sequence Line : 13
Instrument Method: C:\CHEM32\->
Analysis Method : GC46_FID.MTH

Sig. 1 in Z:\090507\SIG1000013.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	4.428	39.09	35	MM	0.019	100.000

Total area = 39.09


pA
5
10
15
20
25
30
35
0
2
4
6
8
min
FID1 A, Front Signal (Z:\090507\SIG1000013.D)
4.428

Area Percent Report

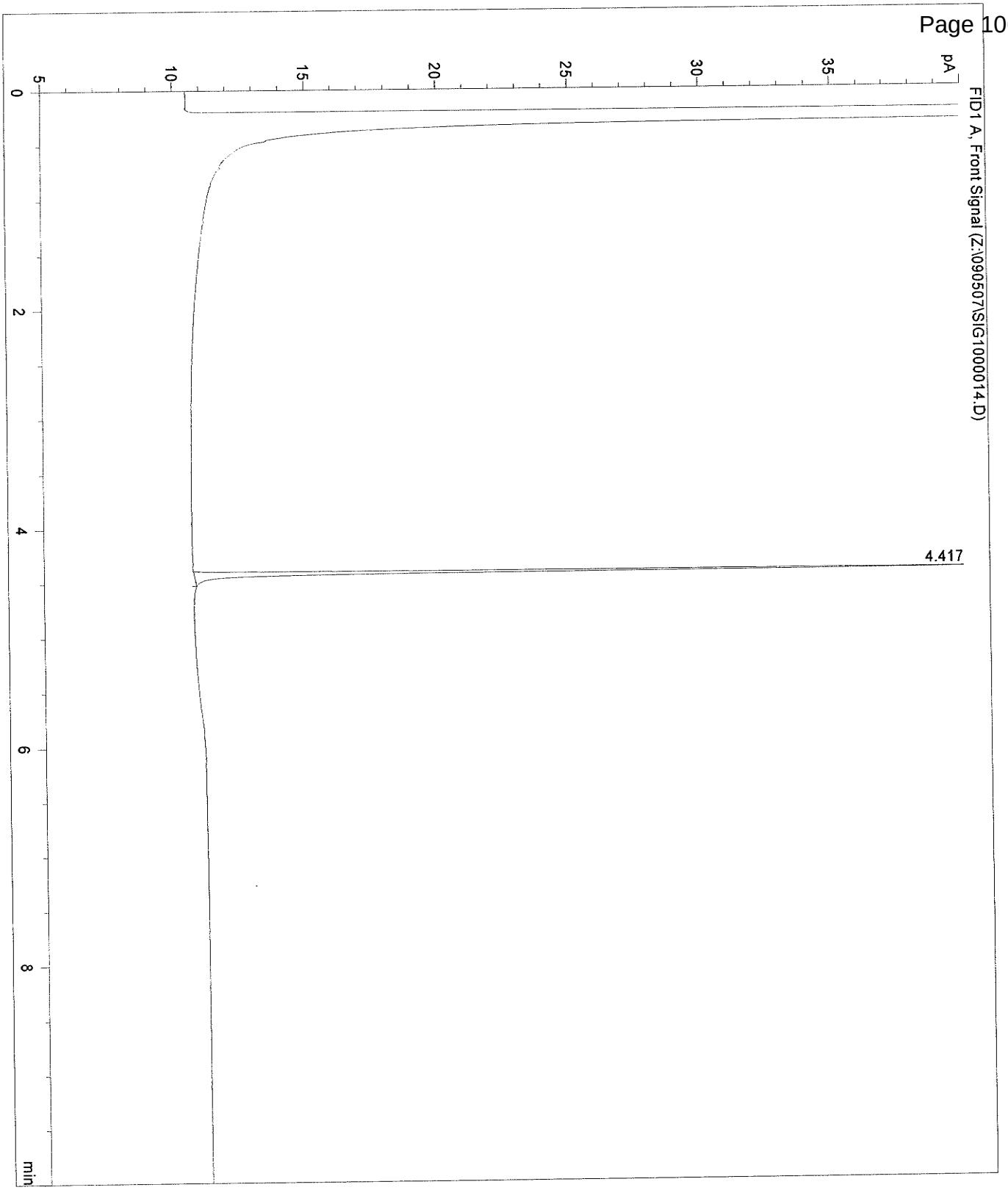
Data File Name : Z:\090507\SIG1000014.D
Operator :
Instrument : GC 46
Sample Name : 05-0519-5
Run Time Bar Code:
Acquired on : 07 May 09 08:18 pm
Report Created on: 08 May 09 10:23 am

Page Number :
Vial Number : Vial 14
Injection Number : 1
Sequence Line : 14
Instrument Method: C:\CHEM32\->
Analysis Method : GC46_FID.MTH

Sig. 1 in Z:\090507\SIG1000014.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	4.417	37.96	31	MM	0.020	100.000

Total area = 37.96


pA
5
10
15
20
25
30
35
0
2
4
6
8
min
FID1 A, Front Signal (Z:\090507\SIG1000014.D)
4.417

Area Percent Report

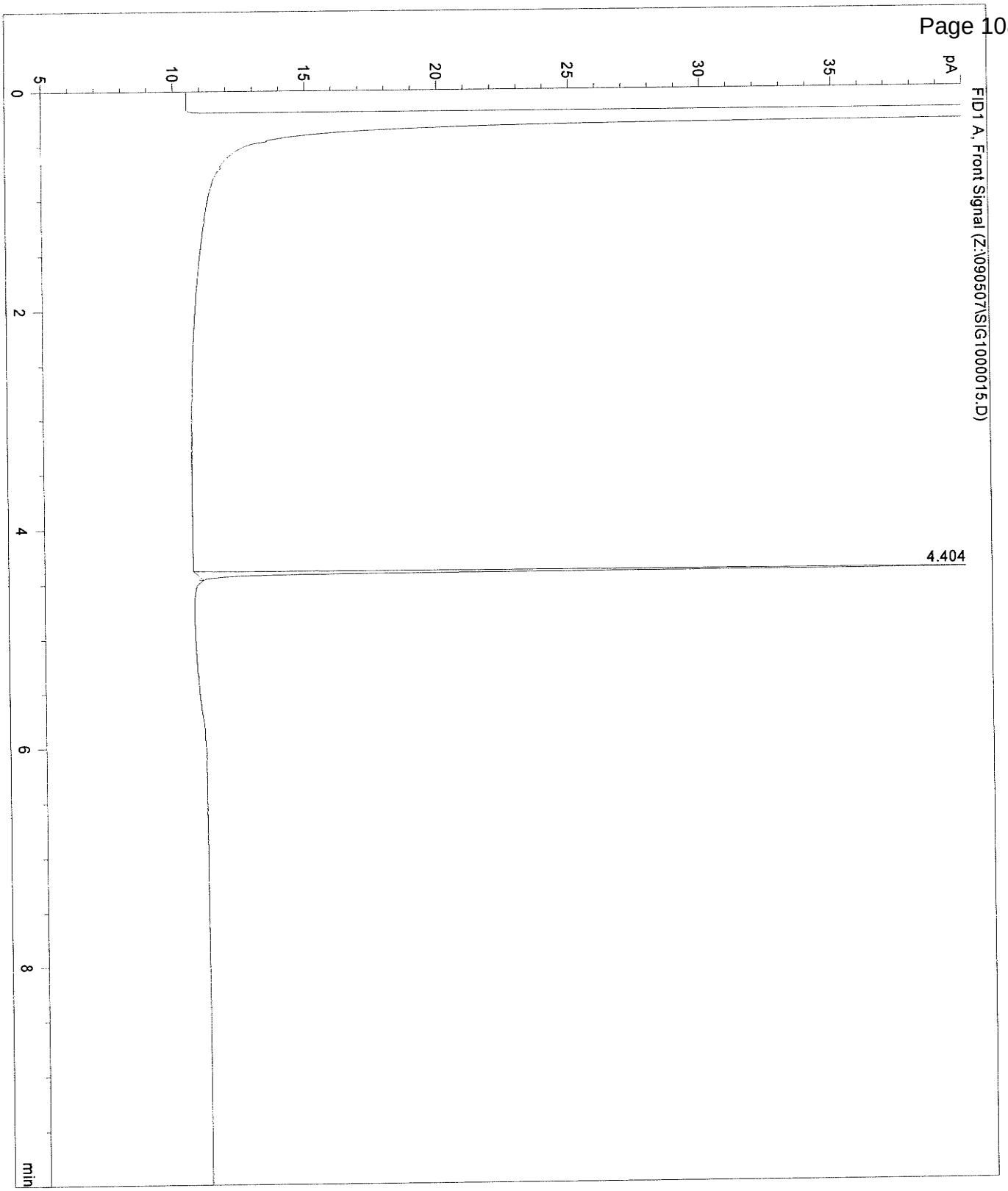
Data File Name : Z:\090507\SIG1000015.D
Operator :
Instrument : GC 46
Sample Name : 05-0519-6
Run Time Bar Code:
Acquired on : 07 May 09 08:33 pm
Report Created on: 08 May 09 10:23 am

Page Number :
Vial Number : Vial 15
Injection Number : 1
Sequence Line : 15
Instrument Method: C:\CHEM32\->
Analysis Method : GC46_FID.MTH

Sig. 1 in Z:\090507\SIG1000015.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	4.404	35.81	35	MM	0.017	100.000

Total area = 35.81


pA
5
10
15
20
25
30
35
0
2
4
6
8
min
FID1 A, Front Signal (Z:\090507\SIG1000015.D)
4.404

Area Percent Report

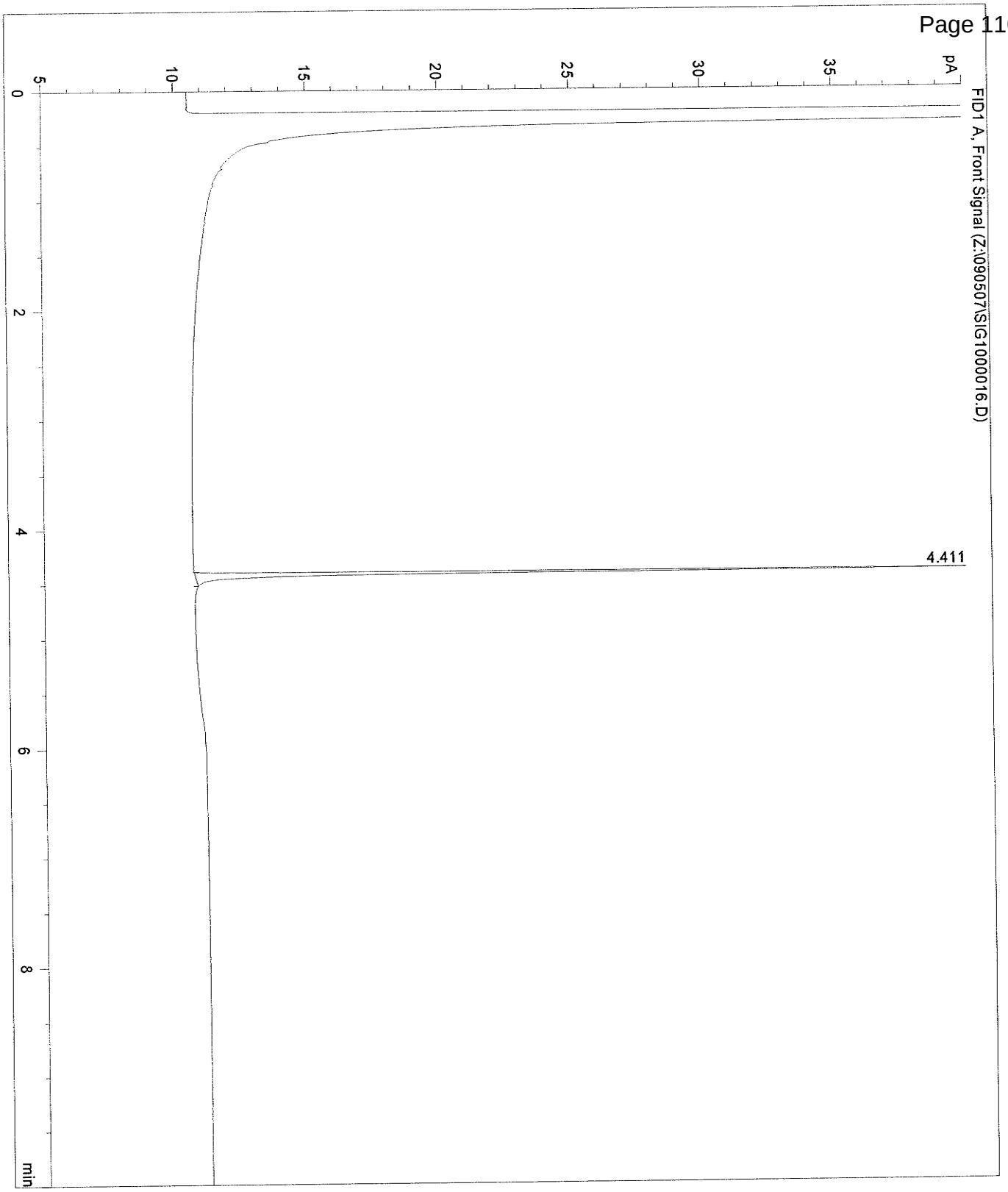
Data File Name : Z:\090507\SIG1000016.D
Operator :
Instrument : GC 46
Sample Name : 05-0519-7
Run Time Bar Code:
Acquired on : 07 May 09 08:49 pm
Report Created on: 08 May 09 10:23 am

Page Number :
Vial Number : Vial 16
Injection Number : 1
Sequence Line : 16
Instrument Method: C:\CHEM32\->
Analysis Method : GC46_FID.MTH

Sig. 1 in Z:\090507\SIG1000016.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	4.411	36.36	31	MM	0.020	100.000

Total area = 36.36


pA
5
10
15
20
25
30
35
0
2
4
6
8
min
4.411
FID1 A, Front Signal (Z:\090507\SIG1000016.D)

Area Percent Report

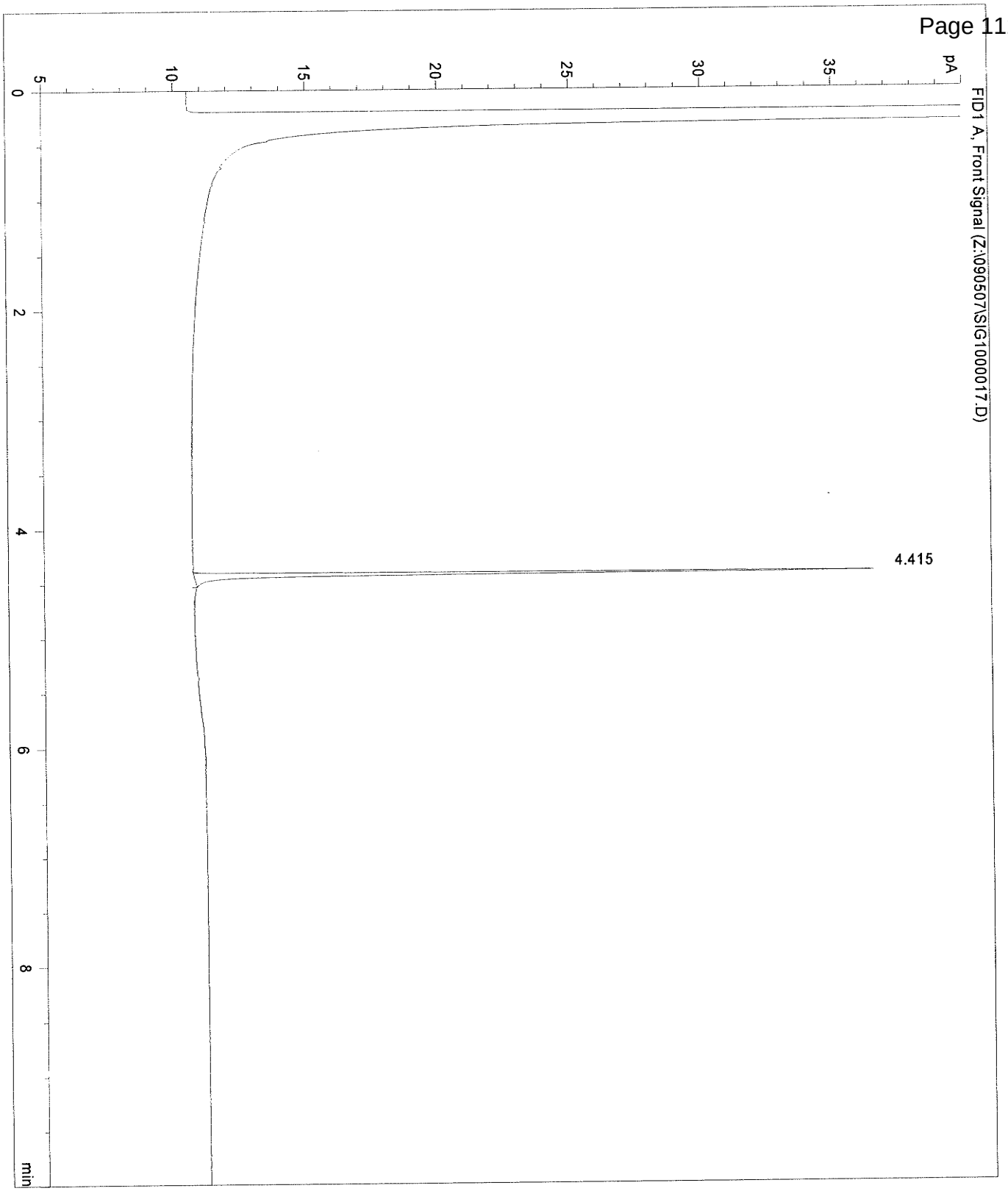
Data File Name : Z:\090507\SIG1000017.D
Operator :
Instrument : GC 46
Sample Name : 05-0519-8
Run Time Bar Code:
Acquired on : 07 May 09 09:04 pm
Report Created on: 08 May 09 10:24 am

Page Number :
Vial Number : Vial 17
Injection Number : 1
Sequence Line : 17
Instrument Method: C:\CHEM32\->
Analysis Method : GC46_FID.MTH

Sig. 1 in Z:\090507\SIG1000017.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	4.415	36.23	26	MM	0.023	100.000

Total area = 36.23


pA
5
10
15
20
25
30
35
0
2
4
6
8
min
FID1 A, Front Signal (Z:\090507\SIG1000017.D)
4.415

Area Percent Report

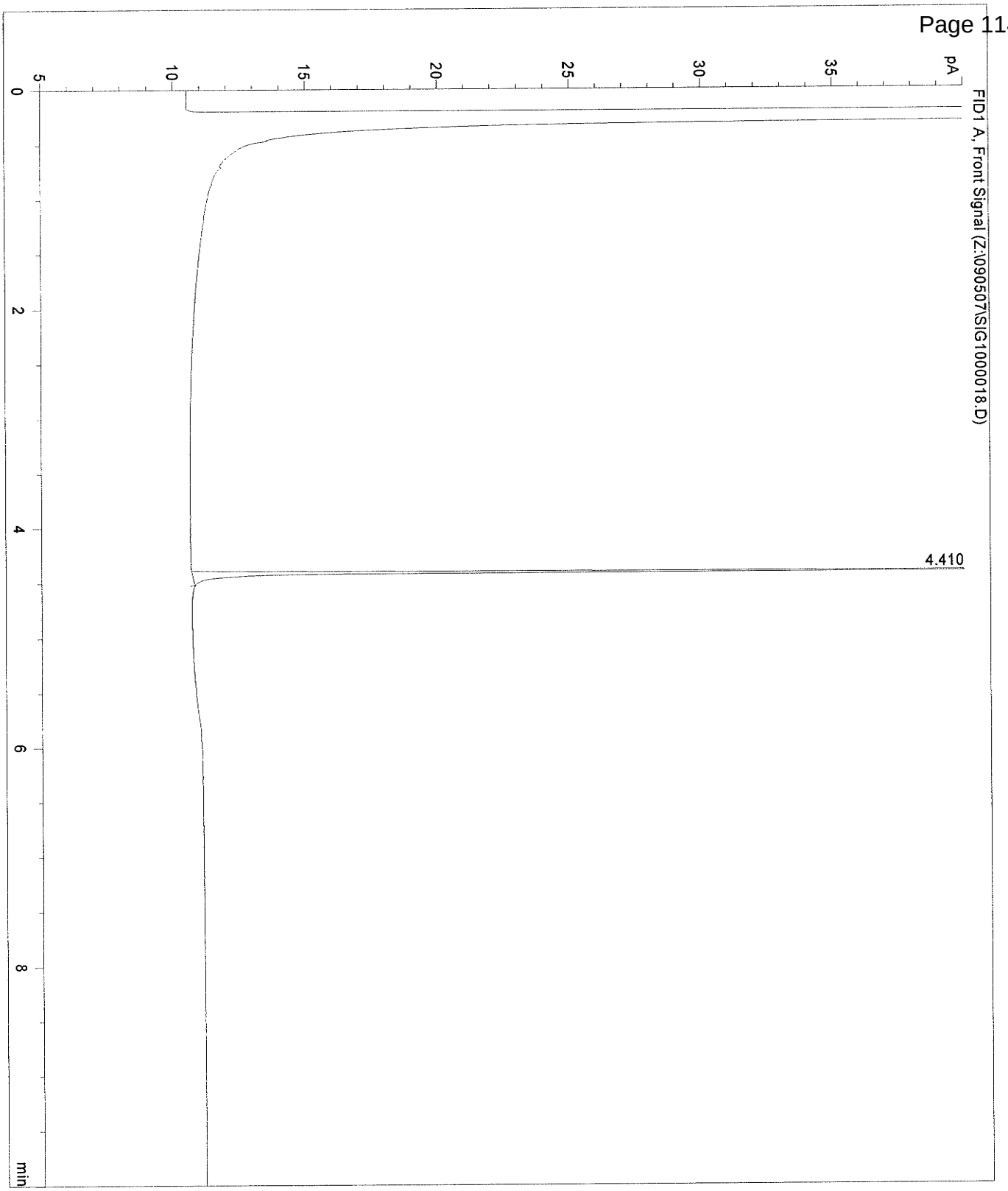
Data File Name : Z:\090507\SIG1000018.D
Operator :
Instrument : GC 46
Sample Name : 05-0519-9
Run Time Bar Code:
Acquired on : 07 May 09 09:20 pm
Report Created on: 08 May 09 10:24 am

Page Number :
Vial Number : Vial 18
Injection Number : 1
Sequence Line : 18
Instrument Method: C:\CHEM32\->
Analysis Method : GC46_FID.MTH

Sig. 1 in Z:\090507\SIG1000018.D

Pk	Ret Time	Area	Height	Peak	Width	Response %
1	4.410	38.30	36	MM	0.018	100.000

Total area = 38.30


pA
5
10
15
20
25
30
35
0
2
4
6
8
min
4.410
FID1 A, Front Signal (Z:\090507\SIG1000018.D)

Area Percent Report

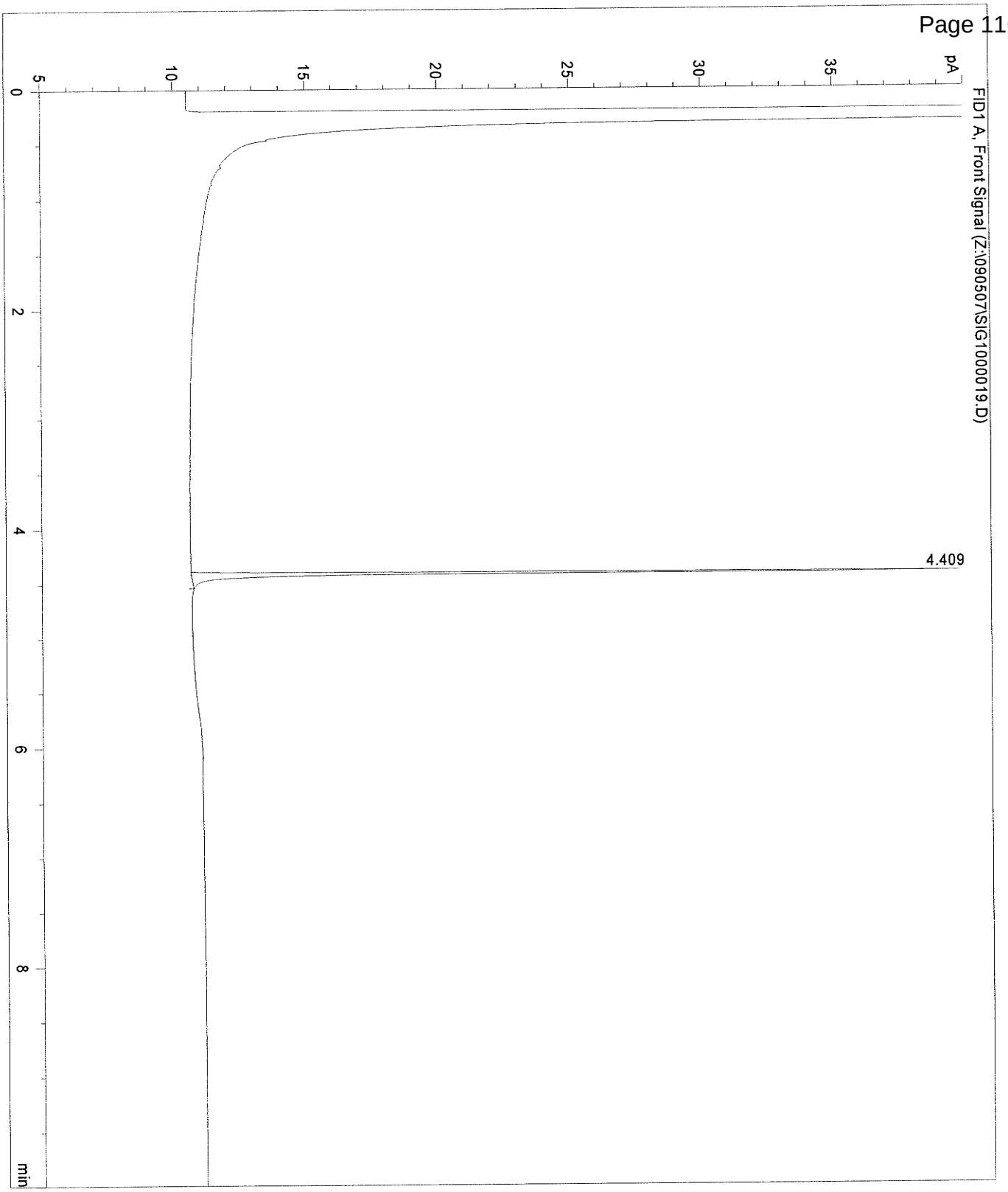
Data File Name : Z:\090507\SIG1000019.D
Operator :
Instrument : GC 46
Sample Name : 05-0519-10
Run Time Bar Code:
Acquired on : 07 May 09 09:36 pm
Report Created on: 08 May 09 10:24 am

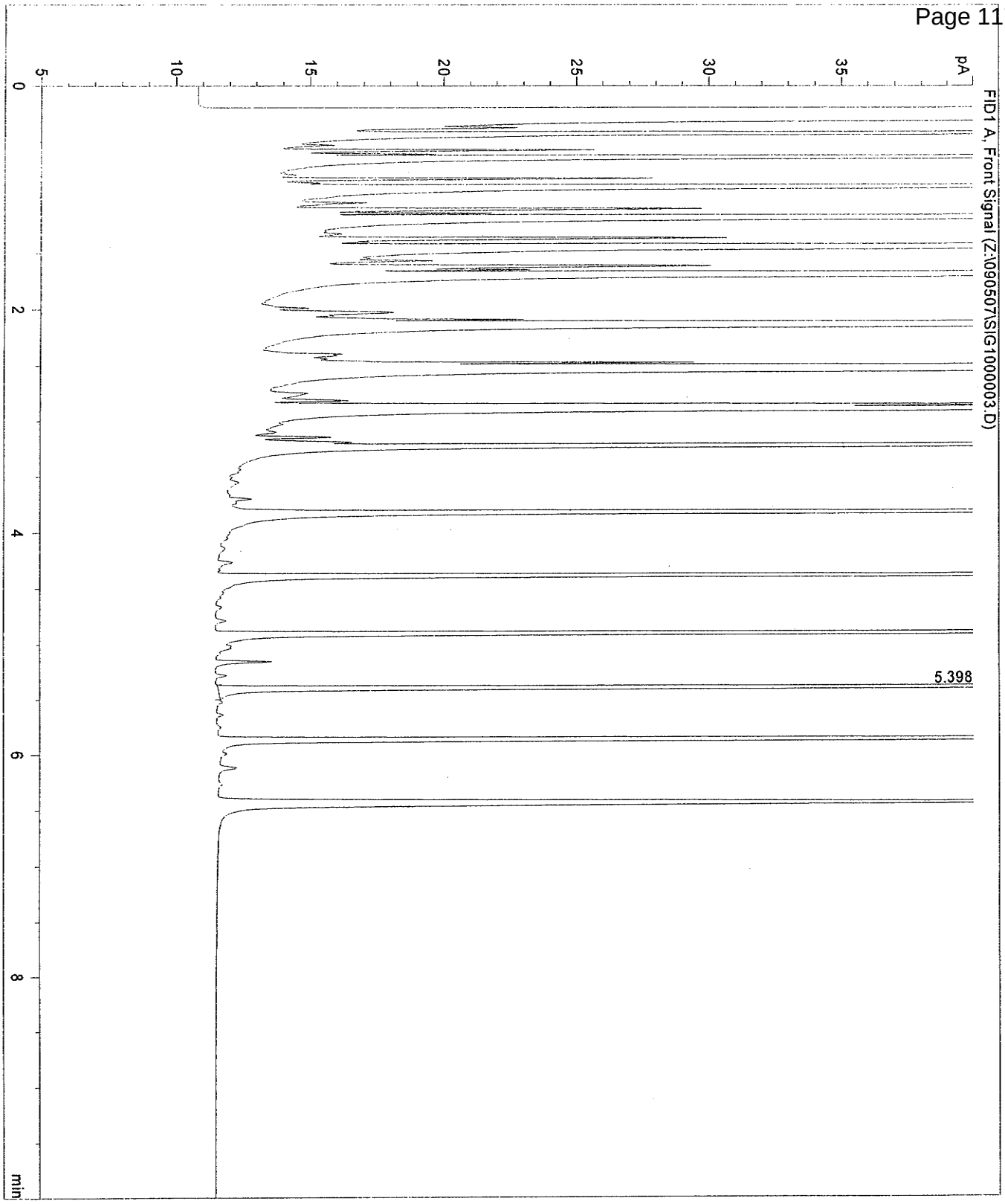
Page Number :
Vial Number : Vial 19
Injection Number : 1
Sequence Line : 19
Instrument Method: C:\CHEM32\->
Analysis Method : GC46_FID.MTH

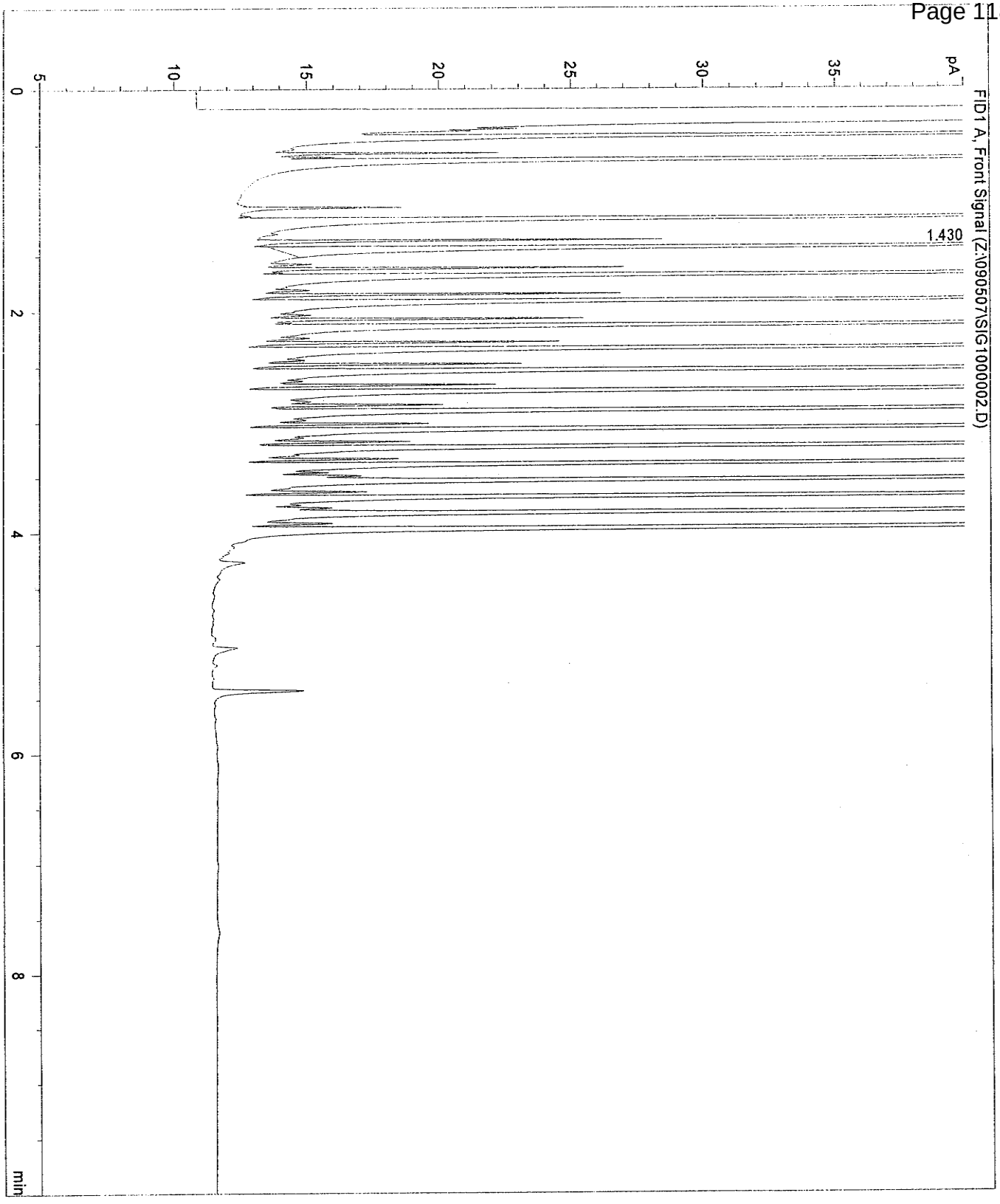
Sig. 1 in Z:\090507\SIG1000019.D

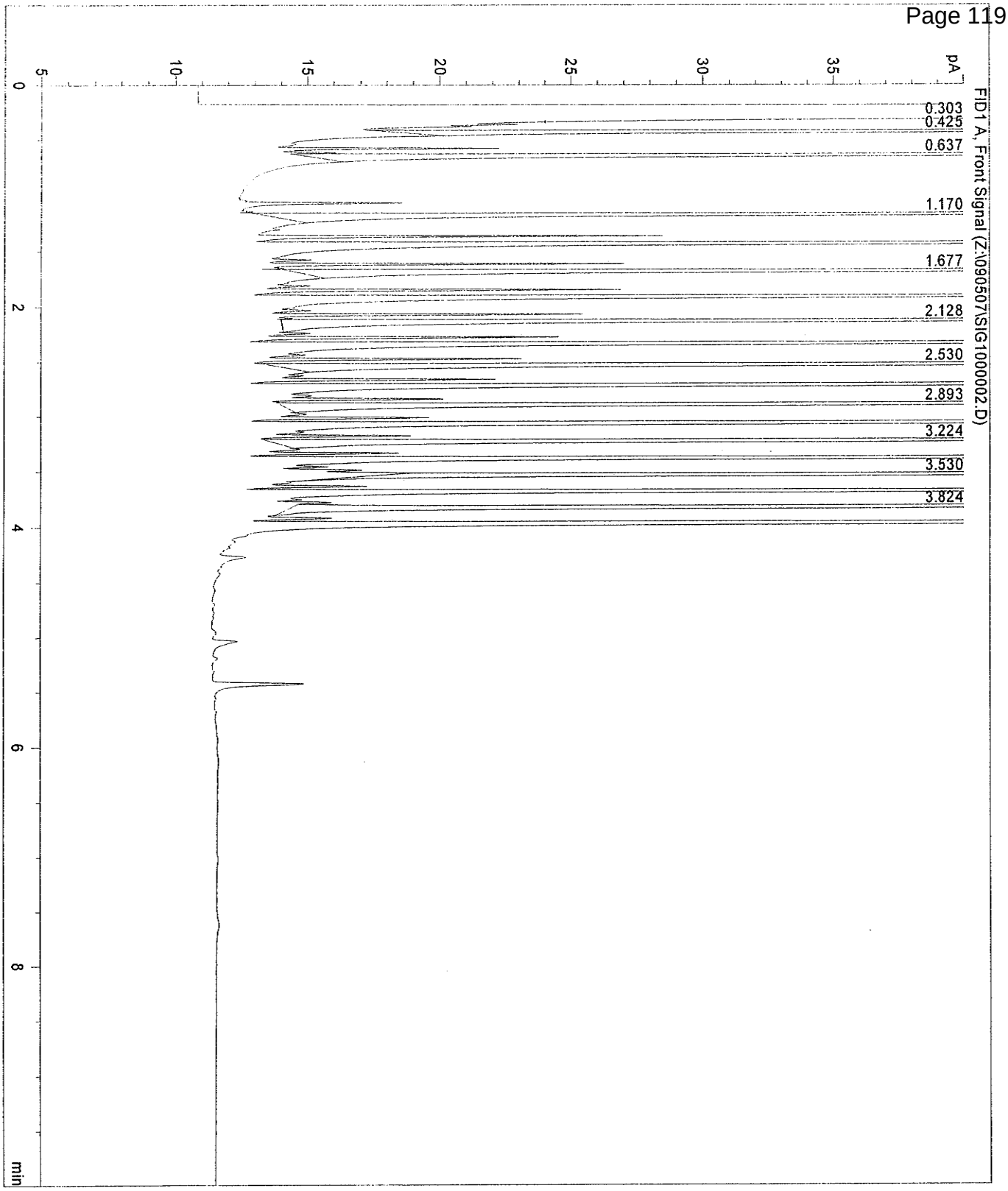
Pk	Ret Time	Area	Height	Peak	Width	Response %
1	4.409	34.60	30	MM	0.019	100.000

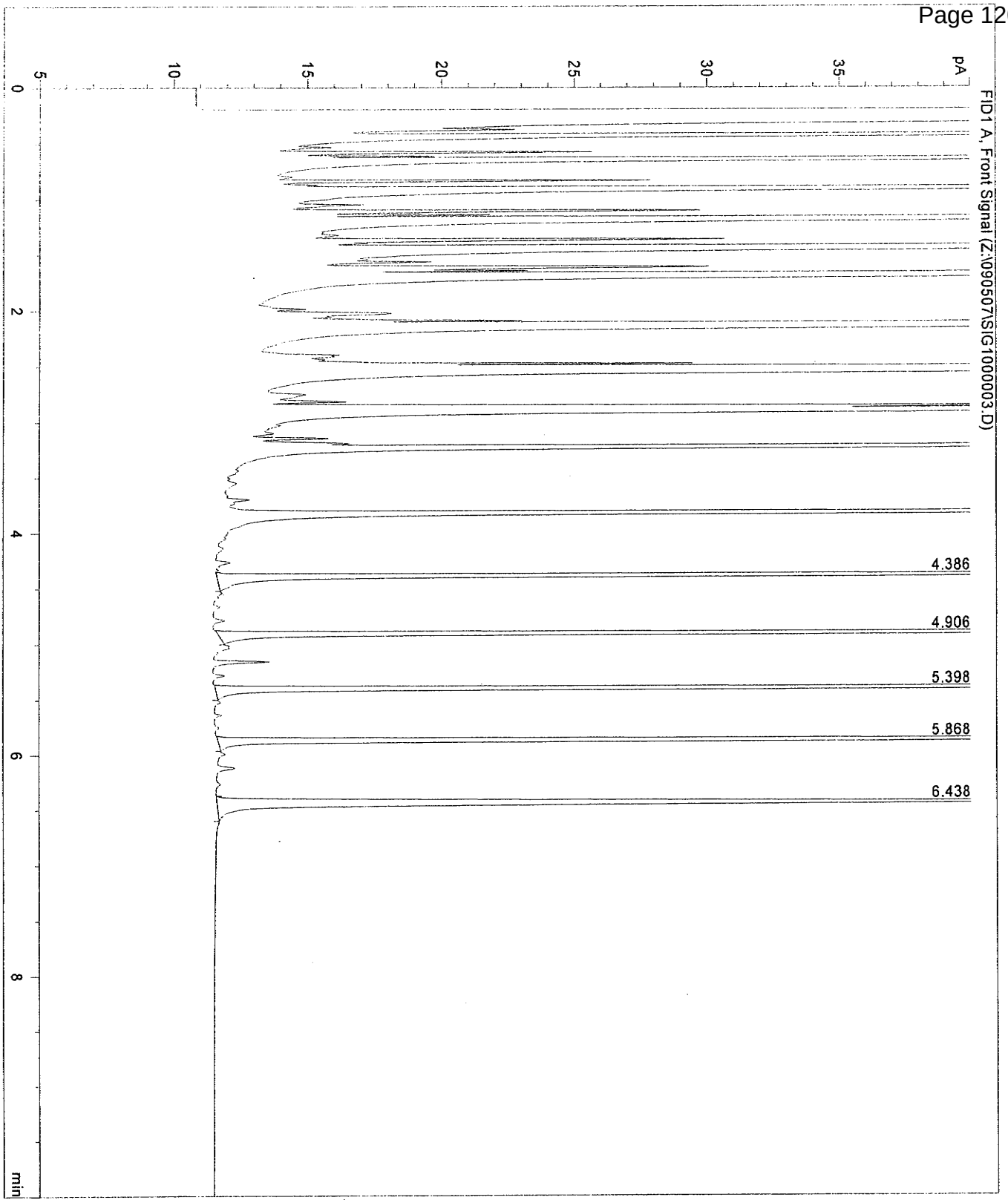
Total area = 34.60


pA
5
10
15
20
25
30
35
0
2
4
6
8
min
4.409
FID1 A, Front Signal (Z:\090507\SIG1000019.D)


pA
5
10
15
20
25
30
35
0
2
4
6
8
min
5.398
FID1 A, Front Signal (Z:\090507\SIG1000003.D)

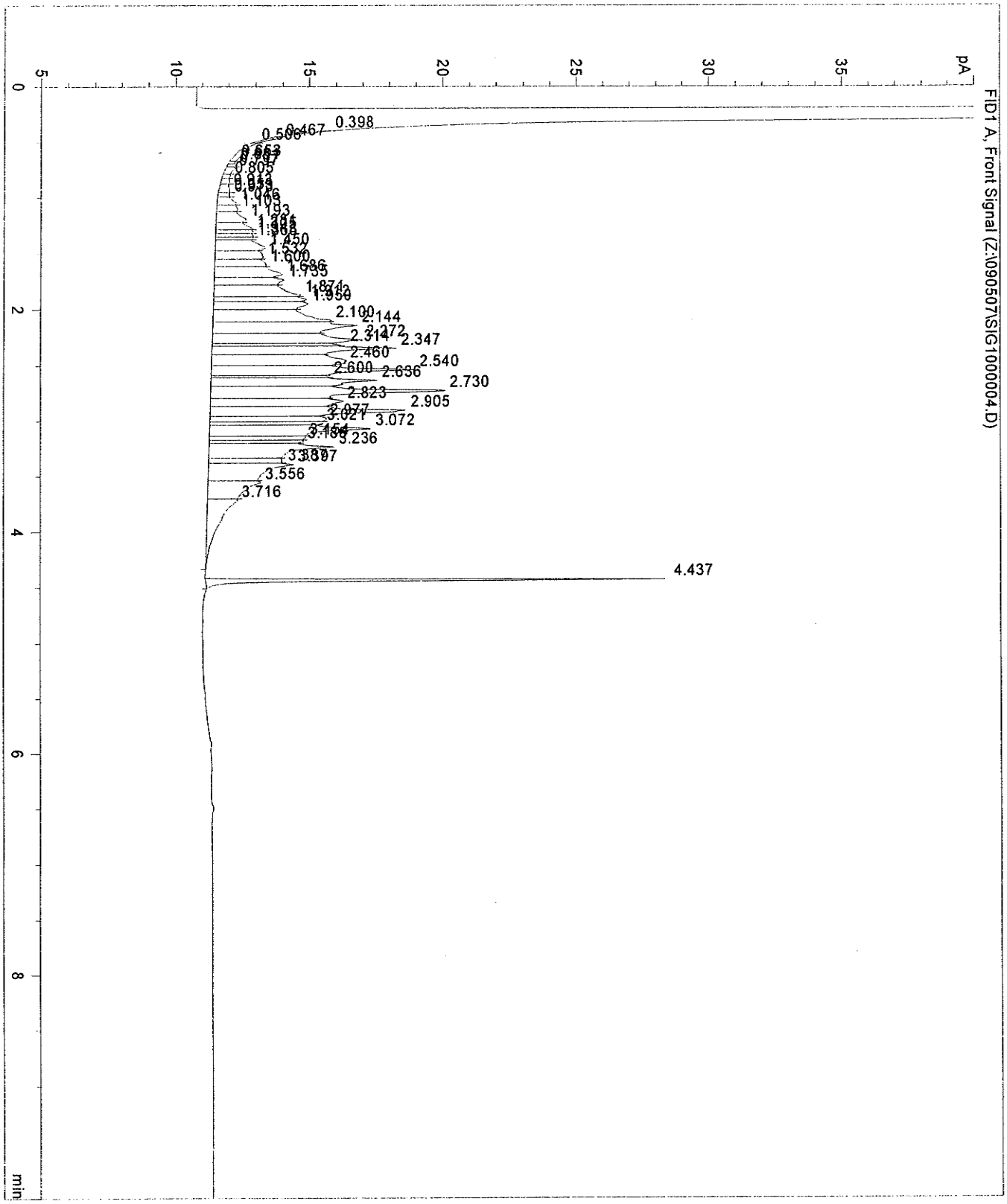

FID1 A, Front Signal (Z:\090507\SIG1000002.D)
pA
5
10
15
20
25
30
35
0
2
4
6
8
min
1.430

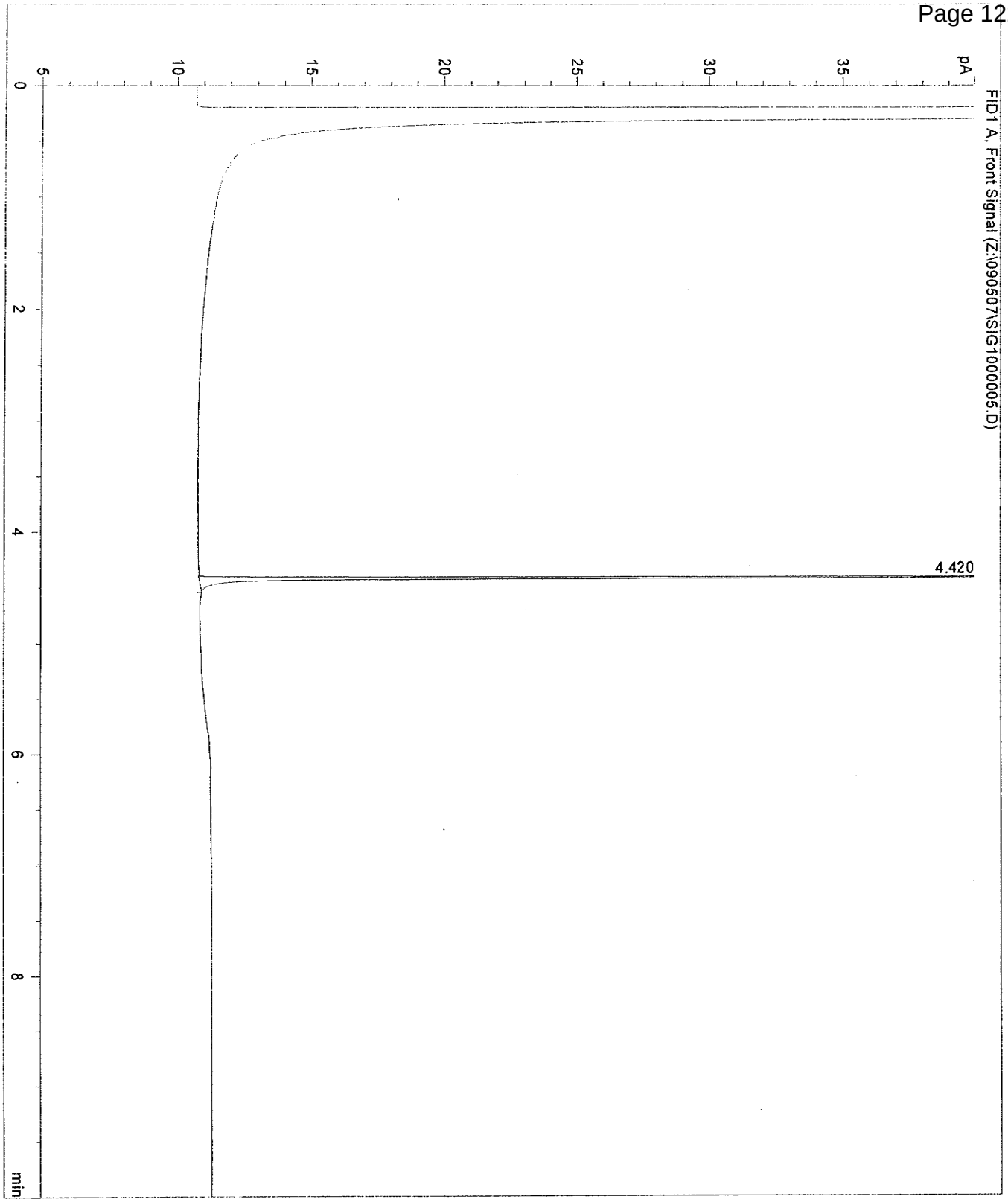

FID1 A, Front Signal (Z:\090507\SIG1000002.D)
pA
min
0.303
0.425
0.637
1.170
1.677
2.128
2.530
2.893
3.224
3.530
3.824


pA
5
10
15
20
25
30
35
FID1 A, Front Signal (Z:\090507\SIG1000003.D)
0
2
4
6
8
min
4.386
4.906
5.398
5.868
6.438

Pk	Ret Time	Area	Height	Peak	Width	Response %
49	4.437	19.21	17	MM	0.018	3.417

Total area = 562.10




pA
5
10
15
20
25
30
35
0
2
4
6
8
min
4.420
FID1 A, Front Signal (Z:\090507\SIG1000005.D)