MAG910330

LAKESIDE OFFICE PARK
607 NORTH AVENUE, SUITE 11
WAKEFIELD, MA 01880
781-246-8897
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April 12, 2006

US Environmental Protection Agency
RGP-NOC Processing
Municipal Assistance Unit
1 Congress Street, Suite 1100
Boston, MA 02114-2023

Subject: Remediation General Permit – Notice of Intent
Beachmont School, 15 Everard Avenue, Revere, Massachusetts
ECS Project No. 05-203823
ECS Document No. 05-06-060

Dear EPA Municipal Assistance Unit:

On behalf of the City of Revere Public Schools Department, City of Revere, Massachusetts, Environmental Compliance Services, Inc. (ECS) has prepared this Notice of Intent (NOI) for the Remediation General Permit for the Beachmont School located at 15 Everard Avenue in Revere, Massachusetts. The purpose of the NOI is to gain coverage under the Remediation General Permit for the discharge of treated water at the Beachmont School.

SITE DESCRIPTION & HISTORY

The Site is located on a property utilized as a public elementary and middle school by approximately 850 students and facility members while school is in session. The property is located within a densely populated mixed-use area of Revere, Massachusetts as depicted in Figure 1 – Site Locus. The property is improved by the school building, athletic fields, an asphalt parking lot, and a maintenance building. Pertinent site features are depicted in Figure 2 – Site Plan.

On November 15, 2002, a release of an unknown quantity of No. 2 fuel oil, estimated to be between 3,000 and 4,000 gallons, to soil, groundwater, and the storm-water system resulting in a migration of petroleum odors in the school was discovered at the Site. The release was identified as light non-aqueous phase liquid (LNAPL) discovered on groundwater entering the crawl space beneath the school building. The cause of the No. 2 fuel oil release was suspected to be the 10,000-gallon underground storage tank (UST) located at the Site. In conformance with MCP regulations, the City of Revere verbally notified the MADEP that a release requiring a "two-hour" notification.

As previously stated, the disposal site is located at the Beachmont School. As such, both children and adults may be present at a high frequency and high intensity. According to information obtained from the Bureau of Waste Site Clean-up (BWSC) Score Map, the Site is not located within a drinking water source area and is not considered a priority resource area. Additionally, according to records maintained by the City of Revere, there are no private wells within a 500-ft radius of the Site. Therefore, per 310 CMR 40.0932 and 40.0933, the applicable soil and groundwater cleanup categories for this Site are S-1/GW-2 and S-1/GW-3.

In November of 2003, ECS submitted a Phase I Initial Site Investigation Report and Tier Classification submittal in accordance with the requirements outlined in 310 CMR 40.0480 and 40.0500 for the Site.

According to the Numerical Ranking System (NRS), the Site achieved a score of 450, resulting in a Tier 1B Classification. Response actions at the Site are being conducted pursuant to the requirements/approvals of a Tier 1B Permit (Transmittal No. W045518). The Site is currently operating under a Phase IV Remedy Implementation Plan submitted to the Massachusetts Department of Environmental Protection (MADEP) in March of 2006.

TREATMENT SYSTEM

The light non-aqueous phase liquid (LNAPL) recovery system was originally designed to function as follows (Figure 3, 4 and 5): groundwater and LNAPL are removed from six recovery wells using pneumatic pumps. The fluid is conveyed through flexible transfer piping to an oil/water separator tank located within the school building's maintenance garage. The LNAPL present on the water surface in this tank is recovered and contained in a separate 500-gallon above ground storage tank (AST). The water is transferred into a third 55-gallon AST, and then conveyed through two vessels, aligned in series, that each contains 300 pounds of granular activated carbon (GAC). The carbon vessels are rated for flows between 3 and 12 gallons per minute, with a maximum suggested flow-rate of 15 gallons per minute. The treated water is then discharged into the existing storm sewer.

On February 15, 2006 samples were collected from the existing treatment system for laboratory analyses in order to meet the new testing requirements of the RGP. As shown in the laboratory reports and data summary tables attached at the end of this report, no metals exceeded the discharge limits. Monitoring, sampling, and report submittals are expecting to change to quarterly with the approval of the NOI RGP.

In accordance with the NOI-RGP, a copy of the completed NOI-RGP is being submitted to the MADEP Division of Watershed Management, 627 Main St, 2nd Floor, Worcester, MA, 01608.

If you have any questions regarding the above mentioned information, please do not hesitate to call 781-246-8897.

Sincerely,
ENVIRONMENTAL COMPLIANCE SERVICES, INC.

Veronica J. Champagne
Project Manager

cc: MADEP Division of Watershed Management,
627 Main St, 2nd Floor, Worcester, MA, 01608

Attachments:

Form for Notice of Intent for General Remediation Permit
Figure 1 – Site Locus Map
Figure 2 – Site Plan
Figure 3 – Liquid Recovery & Treatment System
Figure 4 – Liquid Recovery & Treatment System
Figure 5 – Legend for Figures 3 & 4
Table 1 – Influent analytical data
Laboratory Reports (Samples collected on February 15, 2006)

B. Suggested Form for Notice of Intent (NOI) for the Remediation General Permit

1. General site information. Please provide the following information about the site:

<table>
<tr><td colspan="2">a) Name of facility/site:
Beachmont Elementary School</td><td colspan="4">Facility/site address:
15 Everard Ave Revere, MA 02151</td></tr>
<tr><td>Location of facility/site:
longitude: 42,23 latitude: 70,59</td><td>Facility SIC code(s):</td><td colspan="4">Street:
15 Everard Ave</td></tr>
<tr><td colspan="2">b) Name of facility/site owner: City of Revere</td><td colspan="4">Town: Revere</td></tr>
<tr><td colspan="2">Email address of owner:
Mayor@Revere.org</td><td>State:
MA</td><td>Zip:
02151</td><td colspan="2">County:
Suffolk</td></tr>
<tr><td colspan="2">Telephone no.of facility/site owner: (781) 286-8110</td><td colspan="4"></td></tr>
<tr><td colspan="2">Fax no. of facility/site owner:</td><td colspan="4" rowspan="2">Owner is (check one): 1. Federal____ 2. State/Tribal ✔
3. Private_____ 4. other, if so, describe:</td></tr>
<tr><td colspan="2">Address of owner (if different from site):</td></tr>
<tr><td colspan="6">Street: 281 Broadway</td></tr>
<tr><td colspan="2">Town: Revere</td><td>State: MA</td><td>Zip: 02151</td><td colspan="2">County: Suffolk</td></tr>
<tr><td colspan="2" rowspan="2">c) Legal name of operator:
Environmental Compliance Services, Inc.</td><td colspan="4">Operator telephone no: (781) 246-8897</td></tr>
<tr><td colspan="2">Operator fax no.: (781) 246-8950</td><td colspan="2">Operator email:
VChampagne@ECSconsult.com</td></tr>
<tr><td colspan="6">Operator contact name and title: Veronica Champagne, Project Manager</td></tr>
</table>

Address of **operator** (if different from owner):	Street: 607 North Ave., Suite 11		
Town: Wakefield	State: MA	Zip: 01880	County: Middlesex

d) Check "yes" or "no" for the following:
1. Has a prior NPDES permit exclusion been granted for the discharge? Yes ✓ No ___, if "yes," number:
2. Has a prior NPDES application (Form 1 & 2C) ever been filed for the discharge? Yes ___ No ✓, if "yes," date and tracking #:
3. Is the discharge a "new discharge"as defined by 40 CFR 122.2? Yes ___ No ✓
4. For sites in Massachusetts, is the discharge covered under the MA Contingency Plan (MCP) and exempt from state permitting? Yes ✓ No ___

e) Is site/facility subject to any State permitting or other action which is causing the generation of discharge? Yes ___ No ✓ If "yes," please list: 1. site identification # assigned by the state of NH or MA: 2. permit or license # assigned: 3. state agency contact information: name, location, and telephone number:	f) Is the site/facility covered by any other EPA permit, including: 1. multi-sector storm water general permit? Y ___ N ✓, if Y, number: 2. phase I or II construction storm water general permit? Y ___ N ✓, if Y, number: 3. individual NPDES permit? Y ___ N ✓, if Y, number: 4. any other water quality related permit? Y ___ N ✓, if Y, number:

2. Discharge information. Please provide information about the discharge, (attaching additional sheets as needed) including:

a) Describe the discharge activities for which the owner/applicant is seeking coverage:
See additional sheets.

b) Provide the following information about each discharge:	1) Number of discharge points: 1	2) What is the **maximum** and **average flow rate** of discharge (in cubic feet per second, ft^3/s)? Max. flow 15 Average flow 7.5 Is maximum flow a **design value**? Y ___ N ✓ For average flow, include the units and appropriate notation if this value is a design value or estimate if not available.

3) Latitude and longitude of each discharge within 100 feet: pt.1:long. 42,23 lat. 70,59 ; pt.2: long._____ lat._____; pt.3: long._____ lat._____; pt.4:long._____ lat._____; pt.5: long._____ lat._____; pt.6:long._____ lat._____; pt.7: long._____ lat._____; pt.8:long._____ lat._____; etc.

4) If hydrostatic testing, total volume of the discharge (gals):	5) Is the discharge intermittent ✔ or seasonal _____? Is discharge ongoing Yes ✔ No _____?
c) Expected dates of discharge (mm/dd/yy): start 01/01/06 end 12/31/10	
d) Please attach a line drawing or flow schematic showing water flow through the facility including: 1. sources of intake water, 2. contributing flow from the operation, 3. treatment units, and 4. discharge points and receiving waters(s).	

3. Contaminant information. In order to complete this section, the applicant will need to take a minimum of one sample of the untreated water and have it analyzed for **all** of the parameters listed in Appendix III. Historical data, (i.e., data taken no more than 2 years prior to the effective date of the permit) may be used if obtained pursuant to: i. Massachusetts' regulations 310 CMR 40.0000, the Massachusetts Contingency Plan ("Chapter 21E"); ii. New Hampshire's Title 50 RSA 485-A: Water Pollution and Waste Disposal or Title 50 RSA 485-C: Groundwater Protection Act; or iii. an EPA permit exclusion letter issued pursuant to 40 CFR 122.3, provided the data was analyzed with test methods that meet the requirements of this permit. Otherwise, a new sample shall be taken and analyzed.

a) Based on the analysis of the sample(s) of the untreated influent, the applicant must check the box of the sub-categories that the potential discharge falls within.

Gasoline Only	VOC Only	Primarily Metals	Urban Fill Sites	Contaminated Sumps	Mixed Contaminants	Aquifer Testing
Fuel Oils (and Other Oils) only ✔	VOC with Other Contaminants ✔	Petroleum with Other Contaminants ✔	Listed Contaminated Sites	Contaminated Dredge Condensates	Hydrostatic Testing of Pipelines/Tanks	Well Development or Rehabilitation

b) Based on the analysis of the untreated influent, the applicant must indicate whether each listed chemical is **believed present** or **believed absent** in the potential discharge. Attach additional sheets as needed.

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
1. Total Suspended Solids		✔	1	grab	160.2	<0.001	0.005	0.00000	0.005	0.00000
2. Total Residual Chlorine	✔		1	grab	330.5	<0.10	None	None	None	None
3. Total Petroleum Hydrocarbons		✔	1	grab	1664	<0.001	0.005	0.00000	0.005	0.00000
4. Cyanide	✔		1	grab	335.4	<0.10	None	None	None	None
5. Benzene		✔	1	grab	8260	<10.0	32.2	0.000	<0.5	0.000
6. Toluene	✔		1	grab	8260	<10.0	None	None	None	None
7. Ethylbenzene	✔		1	grab	8260	<10.0	None	None	None	None
8. (m,p,o) Xylenes	✔		1	grab	8260	<10.0	None	None	None	None
9. Total BTEX[4]		✔	1	grab	8260	<10.0	32.2	0.000	<0.5	0.000

[4]BTEX = Sum of Benzene, Toluene, Ethylbenzene, total Xylenes.

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
10. Ethylene Dibromide (1,2- Dibromo-methane)	✔		1	grab	8260	<20.0	None	None	None	None
11. Methyl-tert-Butyl Ether (MtBE)		✔	1	grab	8260	<5.0	10.0	0.0000	10.0	0.0000
12. tert-Butyl Alcohol (TBA)	✔		1	grab	8260	<5.0	None	None	None	None
13. tert-Amyl Methyl Ether (TAME)	✔		1	grab	8260	<5.0	None	None	None	None
14. Naphthalene		✔	1	grab	8270	<5.0	38	0.00003	38	0.00003
15. Carbon Tetra-chloride	✔		1	grab	8260	<5.0	None	None	None	None
16. 1,4 Dichlorobenzene	✔		1	grab	8260	<1.0	None	None	None	None
17. 1,2 Dichlorobenzene	✔		1	grab	8260	<1.0	None	None	None	None
18. 1,3 Dichlorobenzene	✔		1	grab	8260	<1.0	None	None	None	None
19. 1,1 Dichloroethane	✔		1	grab	8260	<1.0	None	None	None	None
20. 1,2 Dichloroethane	✔		1	grab	8260	<1.0	None	None	None	None
21. 1,1 Dichloroethylene	✔		1	grab	8260	<1.0	None	None	None	None
22. cis-1,2 Dichloro-ethylene	✔		1	grab	8260	<1.0	None	None	None	None
23. Dichloromethane (Methylene Chloride)	✔		1	grab	8260	<10.0	None	None	None	None
24. Tetrachloroethylene	✔		1	grab	8260	<1.0	None	None	None	None

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily Value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
25. 1,1,1 Trichloroethane	✔		1	grab	8260	<1.0	None	None	None	None
26. 1,1,2 Trichloroethane	✔		1	grab	8260	<1.0	None	Nnoe	None	None
27. Trichloroethylene	✔		1	grab	8260	<1.0	None	None	None	None
28. Vinyl Chloride	✔		1	grab	8260	<1.0	None	None	None	None
29. Acetone	✔		1	grab	8260	<20.0	None	None	None	None
30. 1,4 Dioxane	✔		1	grab	8260	<1.0	None	None	None	None
31. Total Phenols	✔		1	grab	8270	<10.0	None	None	None	None
32. Pentachlorophenol	✔		1	grab	8270	<50.0	None	None	None	None
33. Total Phthalates [5] (Phthalate esthers)	✔		1	grab	8270	<10.0	None	None	None	None
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	✔		1	grab	8270	<10.0	None	None	None	None
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	✔		1	grab	8270	<2.0	None	None	None	None
a. Benzo(a) Anthracene	✔		1	grab	8270	<2.0	None	None	None	None
b. Benzo(a) Pyrene	✔		1	grab	8270	<2.0	None	None	None	None
c. Benzo(b)Fluoranthene	✔		1	grab	8270	<2.0	None	None	None	None
d. Benzo(k) Fluoranthene	✔		1	grab	8270	<2.0	None	None	None	None
e. Chrysene	✔		1	grab	8270	<2.0	None	None	None	None

[5] The sum of individual phthalate compounds.

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
f. Dibenzo(a,h) anthracene	✔		1	grab	8270	<2.0	None	None	None	None
g. Indeno(1,2,3-cd) Pyrene	✔		1	grab	8270	<2.0	None	None	None	None
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)	✔		1	grab	8270	<2.0	None	None	None	None
h. Acenaphthene	✔		1	grab	8270	<2.0	None	None	None	None
i. Acenaphthylene	✔		1	grab	8270	<2.0	None	None	None	None
j. Anthracene	✔		1	grab	8270	<2.0	None	None	None	None
k. Benzo(ghi) Perylene	✔		1	grab	8270	<2.0	None	None	None	None
l. Fluoranthene	✔		1	grab	8270	<2.0	None	None	None	None
m. Fluorene	✔		1	grab	8270	<2.0	None	None	None	None
n. Naphthalene-	✔		1	grab	8270	<2.0	None	None	None	None
o. Phenanthrene	✔		1	grab	8270	<2.0	None	None	None	None
p. Pyrene	✔		1	grab	8270	<2.0	None	None	None	None
37. Total Polychlorinated Biphenyls (PCBs)		✔	1	grab	1668a	<289	723		723	
38. Antimony	✔		1	grab	6010b	<0.0000	None	None	None	None
39. Arsenic		✔	1	grab	6010b	<0.0000	0.000	0.00000	0.000	0.00000
40. Cadmium	✔		1	grab	6010b	<0.0000	None	None	None	None
41. Chromium III	✔		1	grab	6010b	<0.0000	None	None	None	None
42. Chromium VI	✔		1	grab	6010b	<0.0000	None	None	None	None

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
43. Copper		✔	1	grab	6010b	<0.0000	0.000		0.000	
44. Lead	✔		1	grab	7470a	<0.0000	None	None	None	None
45. Mercury	✔		1	grab	6010b	<0.0000	None	None	None	None
46. Nickel	✔		1	grab	6010b	<0.0000	None	None	None	None
47. Selenium	✔		1	grab	6010b	<0.0000	None	None	None	None
48. Silver	✔		1	grab	6010b	<0.0000	None	None	None	None
49. Zinc		✔	1	grab	6010b	<0.0000	0.000		0.000	
50. Iron		✔	1	grab	6010b	<0.000	0.000		0.000	
Other (describe):										

c) For discharges where **metals** are believed present, please fill out the following:

Step 1: Do any of the metals in the influent have a **reasonable potential** to exceed the effluent limits in Appendix III (i.e., the limits set at zero to five dilutions)? Y____ N ✔	If yes, which metals?
Step 2: For any metals which have **reasonable potential** to exceed the **Appendix III** limits, calculate the **dilution factor (DF)** using the formula in Part I.A.3.c) (step 2) of the NOI instructions or as determined by the State prior to the submission of this NOI. What is the dilution factor for applicable metals? Metals:_____ DF: _____	Look up the limit calculated at the corresponding dilution factor in **Appendix IV.** Do any of the metals in the **influent** have the potential to exceed the corresponding **effluent** limits in Appendix IV (i.e., is the influent concentration above the limit set at the calculated dilution factor)? Y____ N ✔ If "Yes," list which metals:

4. Treatment system information. Please describe the treatment system using separate sheets as necessary, including:

a) A description of the treatment system, including a schematic of the proposed or existing treatment system:

See additional sheets.

b) Identify each applicable treatment unit (check all that apply):	Frac. tank	Air stripper	Oil/water separator ✓	Equalization tanks	Bag filter ✓	GAC filter ✓
	Chlorination	Dechlorination	Other (please describe):			

c) Proposed **average** and **maximum flow rates** (gallons per minute) for the discharge and the **design flow rate**(s) (gallons per minute) of the treatment system:
Average flow rate of discharge 7.5 Maximum flow rate of treatment system 15 Design flow rate of treatment system 8.0

d) A description of chemical additives being used or planned to be used (attach MSDS sheets):

None

5. Receiving surface water(s). Please provide information about the receiving water(s), using separate sheets as necessary:

a) Identify the discharge pathway:	Direct____	Within facility ✓	Storm drain ✓	River/brook____	Wetlands____	Other (describe):

b) Provide a narrative description of the discharge pathway, including the name(s) of the receiving waters:

See attached sheet.

c) Attach a detailed map(s) indicating the site location and location of the outfall to the receiving water:
1. For multiple discharges, number the discharges sequentially.
2. For indirect dischargers, indicate the location of the discharge to the indirect conveyance and the discharge to surface water
The map should also include the location and distance to the nearest sanitary sewer as well as the locus of nearby sensitive receptors (based on USGS topographical mapping), such as surface waters, drinking water supplies, and wetland areas.

d) Provide the state water quality classification of the receiving water_____,

e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water_____cfs
Please attach any calculation sheets used to support stream flow and dilution calculations.

f) Is the receiving water a listed 303(d) water quality impaired or limited water? Yes____ No✓ If yes, for which pollutant(s)?

Is there a TMDL? Yes____ No✓ If yes, for which pollutant(s)?

6. Results of Consultation with Federal Services: Please provide the following information according to requirements of Part I.B.4 and Appendices II and VII.

a) Are any listed threatened or endangered species, or designated critical habitat, in proximity to the discharge? Yes____No✓
Has any consultation with the federal services been completed ? No✓ or is consultation underway? Yes No✓
What were the results of the consultation with the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service (~~check~~ one):
a "no jeopardy" opinion? ✓ or written concurrence____ on a finding that the discharges are not likely to adversely affect any endangered species or critical habitat?

b) Are any historic properties listed or eligible for listing on the National Register of Historic Places located on the facility or site or in proximity to the discharge?
Yes_____ No✓ Have any state or tribal historic preservation officer been consulted in this determination (Massachusetts only)? Yes_____ No✓

7. Supplemental information. :

Please provide any supplemental information. Attach any analytical data used to support the application. Attach any certification(s) required by the general permit.

See attached sheets.

8. Signature Requirements: The Notice of Intent must be signed by the operator in accordance with the signatory requirements of 40 CFR Section 122.22, including the following certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Facility/Site Name: Beachmont Elementary School
Operator signature:
Title:
Date:

ecs

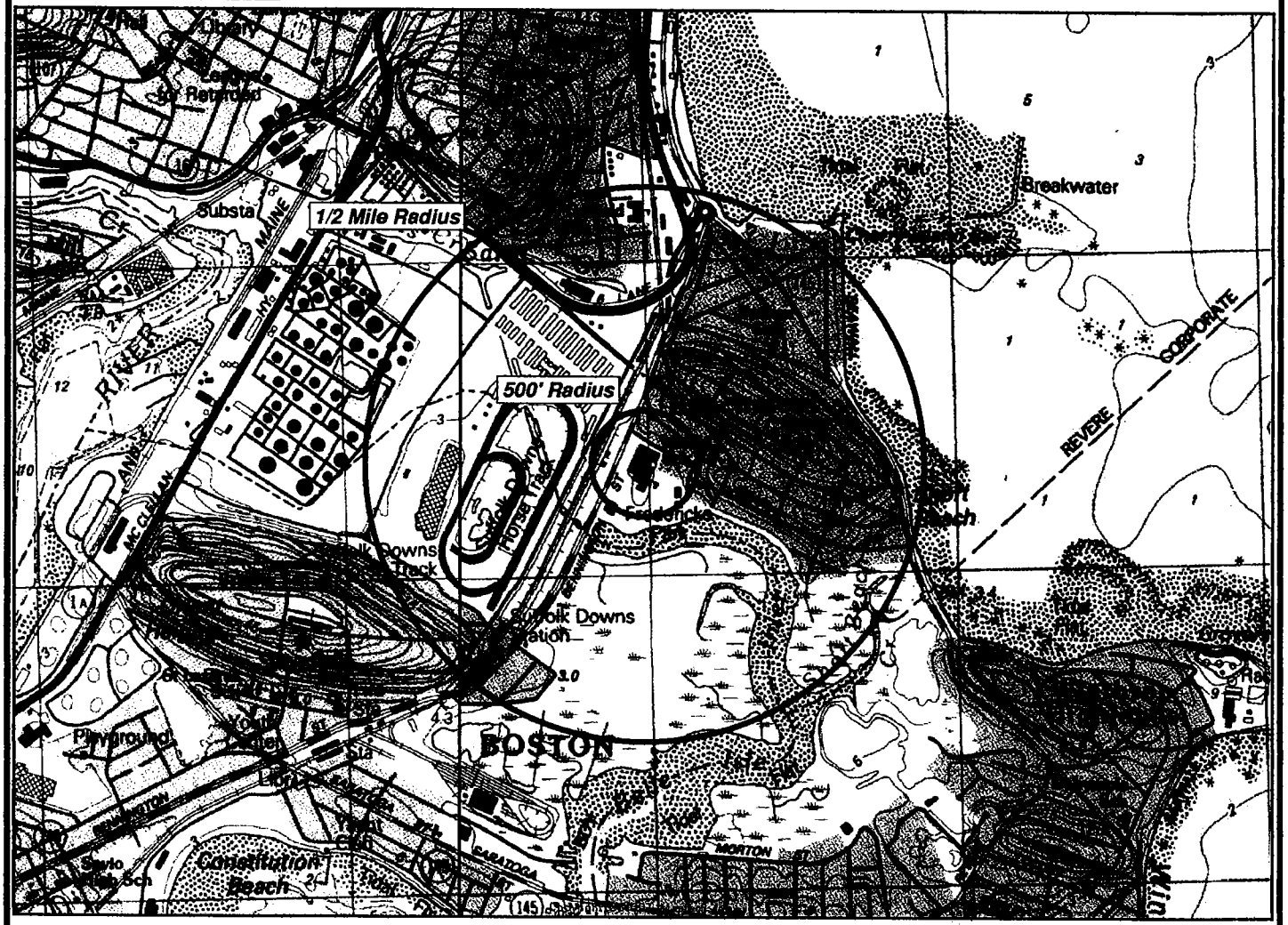
Environmental Compliance Services, Inc.
607 North Avenue, Wakefield, MA 01880
Phone (781)-246-8897 Fax (781)-246-8950
www.ecsconsult.com

SITE LOCUS

Figure: 1

Beachmont School
15 Everard Street
Revere, MA
02151

Job Number: 05-203823.00



1 1/2 0 1 Mile

1 inch = 1500 feet

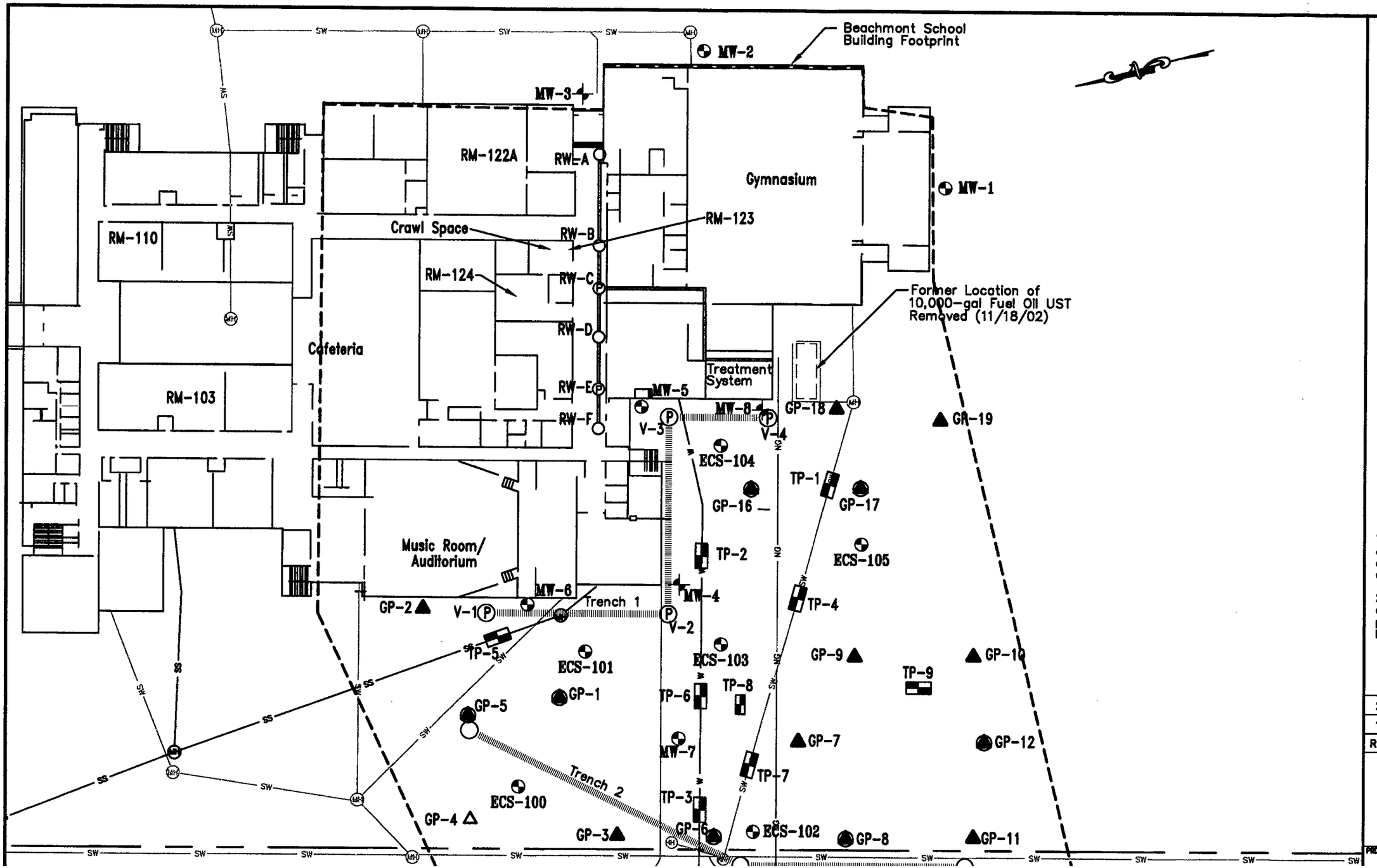
Contour Interval: 3 Meters

North

Base Map: U.S. Geological Survey; Quadrangle Location: Lynn, Massachusetts

UTM Coordinates: 19 0335986 East / 46 95343 North

Map Edited: 1985 *Map Revised: NONE* *Generated By: MTM*



General

1.0 Site pla
& Site Deta
of Somervil
obtained du

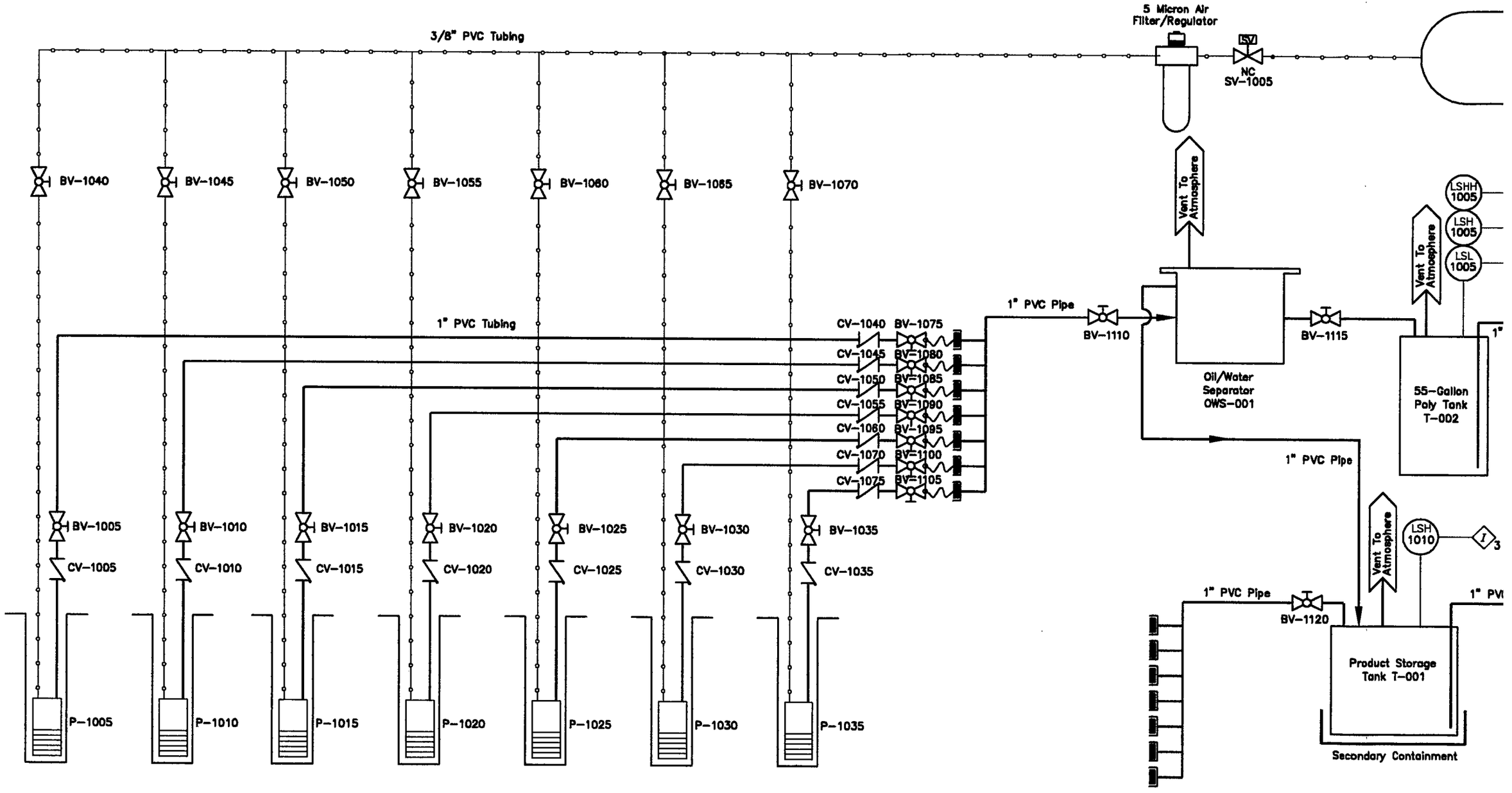
2.0 All loca
depicted on
plan should
land convey

REV.	DATE
2	9/20/
1	3/17/

607 North A
Pha

PROJECT
R

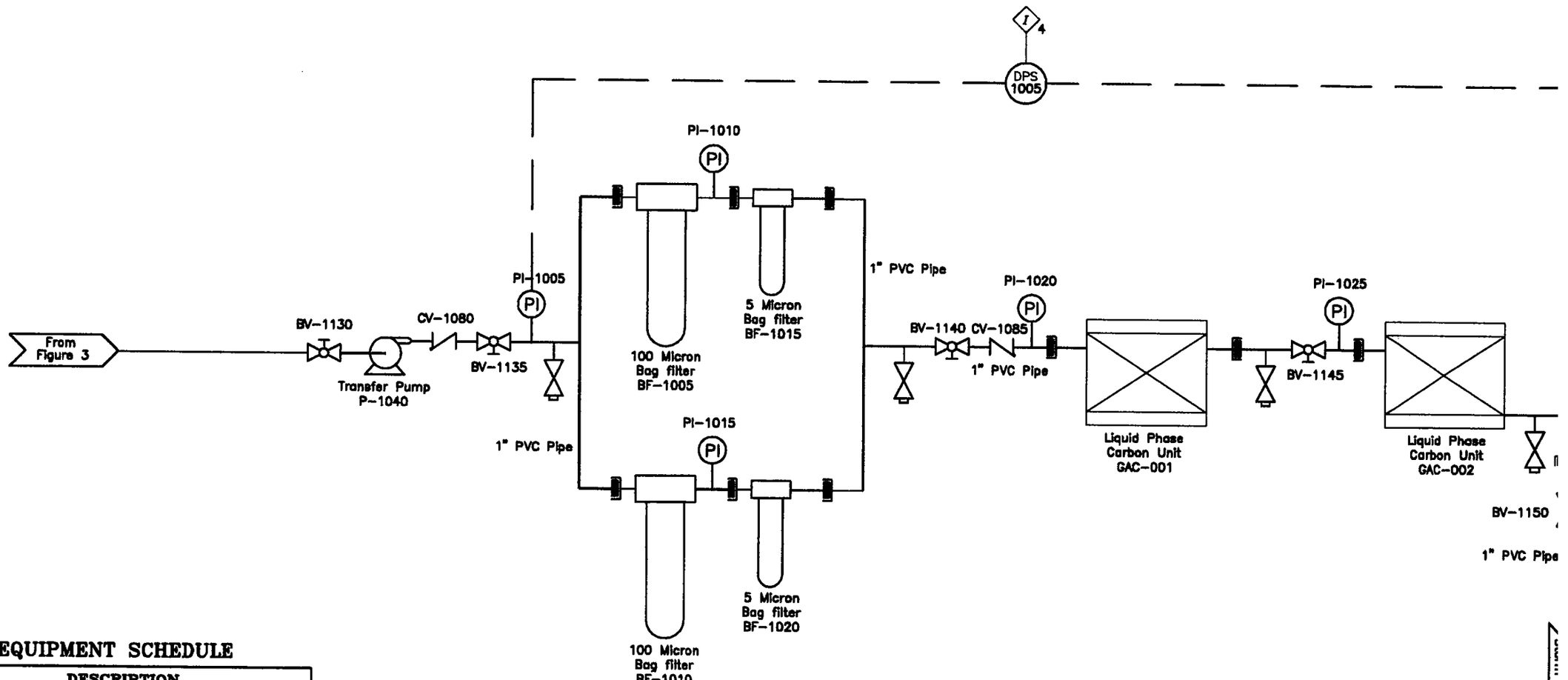
LIQUID RECOVERY & TREATMENT SYSTEM



EQUIPMENT SCHEDULE

INTERLOCKS SCHEDULE

LIQUID RECOVERY & TREATMENT SYSTEM



EQUIPMENT SCHEDULE

I.D.	DESCRIPTION
GAC-001	Liquid Phase GAC 200lb Unit
GAC-002	Liquid Phase GAC 200lb Unit
P-008	Transfer Pump
C-001	Air Compressor System
BF-1005	50 Micron Bag Filter
BF-1010	50 Micron Bag Filter
BF-1015	5 Micron Bag Filter

INTERLOCKS SCHEDULE

I.D.	DESCRIPTION
4	DPS-1005 Closes SV-1005 On Significant Pressure Loss

INSTRUMENT/VALVE SYMBOLS


QUICK DISCONNECT


GATE VALVE


BALL VALVE


CHECK VALVE


SAMPLE PORT

THREE WAY
TEMPERATURE CONTROL VALVE

SOLENOID VALVE


PRESSURE RELIEF VALVE


PRESSURE/VACUUM RELIEF VALVE

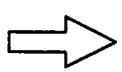
FLOW TOTALIZER


SYSTEM INTERLOCK

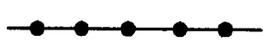

INSTRUMENT BUBBLE (LOCALLY MOUNTED)


INSTRUMENT BUBBLE (PANEL MOUNTED)


STREAM TAG (USED TO DESIGNATE A STREAM ON A PROCESS FLOW DIAGRAM)
STREAM LABEL (USED WHEN A STREAM ENTERS OR EXITS THE SYSTEM OR CONTINUES ON ANOTHER DRAWING)



ELECTRICAL LINKAGE


MECHANICAL LINKAGE

PNEUMATIC LINKAGE


TRANSFER PUMP

PROCESS EQUIPMENT SYMBOLS


WELL PUMP


UNION or FLEXIBLE COUPLING


FLEXIBLE HOSE


FLOW RESTRICTOR

PULSE COUNTER

PRESSURE INDICATOR

FLOW INDICATOR

VACUUM GAUGE

ABBREVIATIONS

LE	LEVEL ELEMENT	TE	TEMP
LT	LEVEL TRANSMITTER	TC	TEMP
LSL	LEVEL SWITCH LOW	TIC	TEMP
LSLL	LEVEL SWITCH LOW LOW	TCV	TEMP
LSH	LEVEL SWITCH HIGH	FS	FLOW
LSHH	LEVEL SWITCH HIGH HIGH	FSL	FLOW
PI	PRESSURE INDICATOR	FSH	FLOW
VG	VACUUM GAUGE	PSE	PRES
VSL	VACUUM SWITCH LOW	FT	FLOW
M	MOTOR STARTER	FCV	FLOW
I	SYSTEM INTERLOCK	P	PUMI
NC	NORMALLY CLOSED	K	BLOV
NO	NORMALLY OPEN	S	SEPA
PSL	PRESSURE SWITCH LOW	C	COLL
PSH	PRESSURE SWITCH HIGH	CF	CART
PCV	PRESSURE CONTROL VALVE	GW	GROU
FT	FLOW TRANSMITTER	TF	TOTA
FE	FLOW ELEMENT	HV	HYDR
FM	FLOW METER	TW	TAP
LCV	LEVEL CONTROL VALVE	A	SCH
GV	GATE VALVE	B	SCH
CV	CHECK VALVE	CS	CARB
BV	BALL VALVE	D	TUBI
		E	DEFI
		SP	SAMP
		SV	SOLE

PIPING & INSTRUMENTATION DIAGRAM GENERAL NOTES

1.) All lines on the P and ID will be labeled as follows: Two letters will indicate the type of service, followed by a dash, the area number, and a number from 01 to 99, followed by the internal diameter of the line in inches, followed by the material designations. The types of service are as follows:

AA – Ambient Air
OW – Oily Water
GW – Groundwater
HV – Hydrocarbon Vapor
LH – Liquid Hydrocarbon
AD – Acid
BA – Base

Piping material designations are as follows:
A – Schedule 40 PVC
B – Schedule 80 PVC
C – Carbon Steel
D – Tubing
E – Defined by Vendor

For example the designation for the first groundwater line in area 10 constructed from 2" Schedule 40 PVC would be GW–1005–2"–A

2.) All instrumentation nomenclature, abreviations, and symbols shall conform to the Instrument Society of America (ISA) standards.

PROCESS FLOW DIAGRAM GENERAL NOTE

1.) The first treatment system installed on the designated as AREA 10. All equipment that is this system will be designated by a letter follow dash, the area number and a number from 01 increments of 5. For example P–1005 followed Followed by P–1010, The second treatment syt site will be designated area 20 an so on.

2.) All seperators will be designated as S–XXXX Includes vapor/liquid separators, particulate filte oil/water seperators.

3.) All blowers will be designated as B–XXXX. can do a 2 to 1 or greater compression are co compressors and will be designated K–XXXX.

4.) All columns will be designated as C–XXXX. activated carbon, tray aerators, air strippers, ar sparge tanks.

5.) Storage tanks will be designated T–XXXX. sumps and secondary containment.

6.) All process streams which enter or leave th have undergone a change will have a stream ta will be provided on the flowrates, pressure, temp specific gravity, containment concentrations, and information required to fully understand the pro tags will start at 1 and increase sequentially.

TABLE 1
INFLUENT ANALYTICAL DATA - 2005/2006
Oil/Water Recovery System, Beachmont School, Revere, MA

Analyte	MCP GW-1 Standard	1/4/05	2/4/05	3/4/05	4/1/05	5/12/05	6/9/05	8/19/05	9/19/05	10/25/05	11/18/05	12/16/05	2/15/06
Volatile Organic Compounds (ug/l)													
Acetone	3,000	< 20.0	< 20.0	< 100	--	--	--	--	--	--	--	--	< 250
Acrylonitrile	NA	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	--
Benzene	5	< 1.0	< 1.0	7.3	< 5.0	< 10.0	< 5.0	< 5.0	32.2	15.8	24.2	24.4	< 10
Bromobenzene	1,000	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
Bromochloromethane	NA	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
Bromodichloromethane	5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
Bromoform	5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 20
Bromomethane	2	< 2.0	< 2.0	< 10.0	--	--	--	--	--	--	--	--	< 20
2-Butanone (MEK)	400	< 10.0	< 10.0	< 50.0	--	--	--	--	--	--	--	--	< 250
n-Butylbenzene	NA	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
sec-Butylbenzene	NA	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
tert-Butylbenzene	1,000	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
Carbon disulfide	1,000	< 5.0	< 5.0	< 25.0	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
Chlorobenzene	100	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
Chloroethane	1,000	< 2.0	< 2.0	< 10.0	--	--	--	--	--	--	--	--	< 10
Chloroform	5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
Chloromethane	1,000	< 2.0	< 2.0	< 10.0	--	--	--	--	--	--	--	--	< 20
2-Chlorotoluene	1,000	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
4-Chlorotoluene	NA	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
1,2-Dibromo-3-chloropropane	100	< 2.0	< 2.0	< 10.0	--	--	--	--	--	--	--	--	< 50
Dibromochloromethane	5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
1,2-Dibromomethane (EDB)	NA	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 20
Dibromomethane	5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
1,2-Dichlorobenzene	600	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
1,3-Dichlorobenzene	600	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
1,4-Dichlorobenzene	5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
Dichlorodifluoromethane (Freon 12)	NA	< 2.0	< 2.0	< 10.0	--	--	--	--	--	--	--	--	< 20
1,1-Dichloroethane	70	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
1,2-Dichloroethane	5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
1,1-Dichloroethene	1	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
cis-1,2-Dichloroethene	70	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
trans-1,2-Dichloroethene	100	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
1,2-Dichloropropane	5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
1,3-Dichloropropane	5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
2,2-Dichloropropane	NA	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
1,1-Dichloropropene	NA	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
cis-1,3-Dichloropropene	0.5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
trans-1,3-Dichloropropene	0.5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
Ethylbenzene	700	< 1.0	< 1.0	13.7	17.7	11.0	13.0	6.9	130	23.7	40.2	41.8	< 10
Hexachlorobutadiene	0.6	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
2-Hexanone (MBK)	1,000	< 10.0	< 10.0	< 50.0	--	--	--	--	--	--	--	--	< 20
Isopropylbenzene	10,000	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10

TABLE 1
INFLUENT ANALYTICAL DATA - 2005/2006
Oil/Water Recovery System, Beachmont School, Revere, MA

Analyte	MCP GW-1 Standard	1/4/05	2/4/05	3/4/05	4/1/05	5/12/05	6/9/05	8/19/05	9/19/05	10/25/05	11/18/05	12/16/05	2/15/06
4-Isopropyltoluene	NA	< 1.0	< 1.0	5.2	--	--	--	--	--	--	--	--	< 10
Methyl tert-butyl ether (MTBE)	70	22.0	11.9	**129**	**170**	**193**	49.4	16.9	**213**	**300**	**456**	**540**	10
4-Methyl-2-pentanone (MIBK)	400	< 10.0	< 10.0	< 50.0	--	--	--	--	--	--	--	--	< 20
Methylene chloride	5	< 10.0	< 10.0	< 50.0	--	--	--	--	--	--	--	--	< 10
Naphthalene	20	3.8	2.9	**167**	--	--	--	--	--	--	--	--	**38**
n-Propylbenzene	1,000	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
Styrene	100	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
1,1,1,2-Tetrachloroethane	5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
1,1,2,2-Tetrachloroethane	5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
Tetrachloroethene	5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
Toluene	1,000	< 1.0	< 1.0	9.9	< 5.0	< 10.0	< 5.0	< 5.0	56.8	10.1	11.5	11.4	< 10
1,2,3-Trichlorobenzene	NA	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
1,2,4-Trichlorobenzene	70	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
1,1,1-Trichloroethane	10,000	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
1,1,2-Trichloroethane	5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
Trichloroethene	5	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
Trichlorofluoromethane (Freon 11)	NA	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 20
1,2,3-Trichloropropane	1,000	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
1,2,4-Trimethylbenzene	10,000	6.7	2.6	95.3	--	--	--	--	--	--	--	--	35
1,3,5-Trimethylbenzene	100	< 1.0	< 1.0	26.9	--	--	--	--	--	--	--	--	13
Vinyl chloride	2	< 1.0	< 1.0	< 5.0	--	--	--	--	--	--	--	--	< 10
m,p-Xylene	6,000	< 2.0	< 2.0	68.6	114	78.6	90.9	34.0	142	60.2	78.4	71.8	< 10
o-Xylene	6,000	1.0	1.2	41.2	70.6	52.4	68.0	24.7	74.0	37.6	41.3	40.3	< 10
TOTAL BTEX COMPOUNDS	NA[1]	1.0	1.2	**141**	**202**	**142**	**172**	65.6	**435**	**147**	**196**	**190**	0
Extractable Petroleum Hydrocarbons (mg/l)													
C_9-C_{18} Aliphatic Hydrocarbons	4	< 0.2	< 0.2	7.2	47.9	26.5	63.1	14.7	12.2	7.7	3.8	14.9	9.1
C_{19}-C_{36} Aliphatic Hydrocarbons	5	< 0.2	< 0.2	2.8	27.6	12.9	28.9	6.6	4.9	3.5	1.7	6.4	2.8
C_{11}-C_{22} Aromatic Hydrocarbons	0.2	0.3	< 0.2	4.1	43.9	23.0	65.8	12.0	9.4	6.3	4.5	12.0	6.0
EPH Target PAH Compounds (ug/l)													
Naphthalene	20	< 5.68	< 5.49	78.0	148	62.5	107	25.6 J	200	36.2	73.4	88.7	29
2-Methylnaphthalene	10	< 5.68	< 5.49	108	464	148	454	84.5 J	166	40.4	50.3	108	67
Acenaphthylene	300	< 5.68	< 5.49	< 5.43	15.7	< 5.38	< 6.25	< 6.76	< 5.75	< 5.68	< 5.32	< 5.81	< 25
Acenaphthene	20	< 5.68	< 5.49	12.5	83.1	21.4	62.2	13.7	36.6	5.91	8.66	19.8	< 25
Fluorene	300	< 5.68	< 5.49	15.0	104	38.5	91.8	26.4	38.4	< 5.68	9.38	28.8	35
Phenanthrene	300	< 5.68	< 5.49	29.5	225	82.2	181	42.7	117	20.2	11.6	58.0	32
Anthracene	2,000	< 5.68	< 5.49	< 5.43	34.7	13.1	32.7	9.73	28.6	5.68	< 5.32	8.35	< 25
Fluoranthene	300	< 5.68	< 5.49	< 5.43	31.1	12.9	24.2	< 6.76	30.8	< 5.68	< 5.32	< 5.81	< 25
Pyrene	200	< 5.68	< 5.49	8.24	71.0	23.9	50.5	17.1	50.9	10.9	5.64	17.0	< 25
Benzo(a)anthracene	1	< 5.68	< 5.49	< 5.43	10.7	< 5.38	9.30	< 6.76	14.8	< 5.68	< 5.32	< 5.81	< 5.0
Chrysene	2	< 5.68	< 5.49	< 5.43	9.36	< 5.38	13.4	< 6.76	13.9	< 5.68	< 5.32	< 5.81	< 5.0
Benzo(b)fluoranthene	1	< 5.68	< 5.49	< 5.43	< 5.36	< 5.38	< 6.25	< 6.76	< 5.75	< 5.75	< 5.32	< 5.81	< 5.0
Benzo(k)fluoranthene	1	< 5.68	< 5.49	< 5.43	< 5.36	< 5.38	< 6.25	< 6.76	< 5.75	< 5.75	< 5.32	< 5.81	< 5.0
Benzo(a)pyrene	0.2	< 5.68	< 5.49	< 5.43	< 5.36	< 5.38	7.02	< 6.76	10.6	< 5.68	< 5.32	< 5.81	< 5.0

TABLE 1
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Analyte	MCP GW-1 Standard	1/4/05	2/4/05	3/4/05	4/1/05	5/12/05	6/9/05	8/19/05	9/19/05	10/25/05	11/18/05	12/16/05	2/15/06
Indeno(1,2,3-cd)pyrene	0.5	< 5.68	< 5.49	< 5.43	< 5.36	< 5.38	< 6.25	< 6.25	< 5.75	< 5.75	< 5.32	< 5.81	< 5.0
Dibenzo(a,h)anthracene	0.5	< 5.68	< 5.49	< 5.43	< 5.36	< 5.38	< 6.25	< 6.25	< 5.75	< 5.75	< 5.32	< 5.81	< 5.0
Benzo(g,h,i)perylene	300	< 5.68	< 5.49	< 5.43	< 5.36	< 5.38	< 6.25	< 6.25	< 5.75	< 5.75	< 5.32	< 5.81	< 5.0
Total PAH	NA[2]	0	0	**251**	**1,197**	**403**	**1,033**	**110**	**708**	**119**	**159**	**329**	**163**

Notes:
ug/l = micrograms per liter, or parts per billion
mg/l = milligrams per liter, or parts per million
-- = Not analyzed
BDL = Below Laboratory Detection Limits
[1] EPA Protocol is 100 ppb for BTEX Compounds
[2] EPA Protocol is 100 ppb for Total PAH
Bold indicates an exceedance of EPA Protocol
Exceeds MCP GW-1

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION I
ONE CONGRESS STREET SUITE 1100
BOSTON, MASSACHUSETTS 02114-2023

April 10, 2006

Doris Atkinson
Tighe & Bond, Inc.
53 Southhampton Road
Westfield, MA 01085

Dear Ms. Atkinson:

We have received your letter dated March 29, 2006 requesting a new source determination for your proposed project, the Russell Biomass Facility (the "Facility"). This letter is to notify you that EPA has made the initial determination that the new facility is not a new source under 40 CFR §§ 122.2 and 122.29. Therefore, in accordance with 40 CFR § 6.602(b), EPA NPDES permitting for the Facility will not be subject to environmental review under the National Environmental Policy Act (NEPA). All other relevant Clean Water Act permitting requirements will, of course, apply.

RUSSELL BIOMASS FACILITY SUMMARY

The proposal submitted by Tighe & Bond, Inc., as presented in the Expanded Environmental Notification Form (EENF) dated September 14, 2005, is to develop a 50-megawatt (MW) biomass-fired power plant on 18 acres of a 70-acre parcel in Russell, Massachusetts. Approximately 509,000 tons of biomass wood fuel will be consumed annually to produce heat to drive the turbine to generate electricity. To connect to the existing 115 kV electrical grid, 5.2 miles of transmission line will be constructed within an existing transmission line easement. The plant will consist of a complete fuel receiving and handling system, a single fluidized bubbling bed boiler, a single condensing turbine, a mechanical draft evaporative cooling tower withdrawing make up water via a former intake structure, air and water quality control systems, a distilled fuel oil boiler start up system, and auxiliaries typical of a stand-alone power generating station. The plant intends to modify the former intake structure of Westfield Paper Lands, LLC in order to withdraw an average of 662,000 gpd and a maximum of 885,000 gpd of cooling water from the Westfield River. An existing municipal water main supplies potable water to the site. On-site subsurface sewage disposal will be utilized to treat plant wastewater. A storm drain and storm water management will be constructed on site to collect, detain, and treat storm water.

NEW SOURCE DETERMINATION

Regulations for determining whether a facility constitutes a new source are set forth in 40 CFR Part 122. The term "new source" is defined at 40 CFR § 122.2 as "any building, structure, facility, or installation from which there is or may be a 'discharge of pollutants,' the construction of which commenced after promulgation of standards of performance under section 306 of CWA which are applicable to such source", or in certain instances which commenced after the proposal of an applicable standard of performance. Pursuant to 40 CFR § 122.29(b)(2), if there is no independently applicable standard, the source is not subject to NEPA review (but is still subject to NPDES permitting requirements).

Steam-electric power plants are a categorical industry for which EPA has promulgated certain new source performance standards defined at 40 CFR Part 423. However, according to 40 CFR § 423.10, the provisions of Part 423 "are applicable to discharges resulting from the operation of a generating unit by an establishment primarily engaged in the generation of electricity for distribution and sale which results primarily from a process utilizing fossil-type fuel (coal, oil, or gas) or nuclear fuel in conjunction with a thermal cycle employing the steam water system as the thermodynamic medium." (emphasis added)

Based on current information provided by you on behalf of Russell Biomass, LLC, EPA has made the initial determination that the Facility will not meet the criterion above and therefore will not constitute a new source. Although the Russell Biomass Facility will use a steam-electric generating process for producing electricity with small amounts of fossil-type fuel to control initial firing, the primary fuel source will be wood. Since the electricity produced by the facility will not "result primarily from a process utilizing fossil-type fuel or nuclear fuel," the provisions of 40 CFR Part 423 do not apply. Therefore, there are no new source performance standards independently applicable to the proposed facility that would render it a new source under 40 CFR § 122.29(b)(2).

Independent of any new source determination, the Facility will need an NPDES Permit before discharges commence for the proposed new discharge of industrial wastewater for cooling to a surface water and the possible new discharge of industrial storm water. EPA will still need to make several decisions regarding the permit, including the application of Massachusetts State Water Quality Standards for the discharge of heat, the use of a variance to discharge heat under Clean Water Act Section 316(a) should applicable technology or Massachusetts Water Quality Standards not be attained, and the determination that the cooling water intake structure represents the best technology available pursuant to Clean Water Act Section 316(b).

Physical or operational modifications to the former intake structure at the site that minimize entrainment and impingement of fish and wildlife and/or reduce adverse environmental effects of discharge of heated effluent are encouraged and would not alter the determination that the Facility is not a new source.

Changes to your proposal for the Facility could change these new source determinations. If you have further questions regarding the determination I can be reached at (617) 918-1791.

Sincerely,

David M. Webster, Chief
Industrial Permits Branch

CC: Glenn Haas, MA DEP

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
(781) 278-4700

Laboratory Identification Numbers:
MA and ME: MA092 NH: 2028
CT: PH0579 RI: LAO00236
NELAC - NYS DOH: 11063

ANALYTICAL REPORT

TMC Services, Inc.
One William Way
Bellingham, MA 02019

Mr. Dean Soultanian

Project No.: 08.0018838.00
Work Order No.: 0602-00108
Date Received: 02/16/2006
Date Reported: 03/08/2006

SAMPLE INFORMATION

Date Sampled	Matrix	Laboratory ID	Sample ID
02/15/2006	Aqueous	0602-00108 001	Influent
02/15/2006	Aqueous	0602-00108 002	Midfluent
02/15/2006	Aqueous	0602-00108 003	Effluent

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
(781) 278-4700

ANALYTICAL REPORT

TMC Services, Inc.
One William Way
Bellingham, MA 02019

Mr. Dean Soultanian

Project Name.: **Laboratory Testing**
Project No.: **08.0018838.00**

Date Received: **02/16/2006**
Date Reported: **03/08/2006**
Work Order No.: **0602-00108**

PROJECT NARRATIVE:

1. Sample Receipt

The samples were received on 02/16/06 via _x_GZA courier, __EC, __FEDEX, or ___hand delivered. The temperature of the __temperature blank/_x_cooler air, was -1.4 degrees C. The samples were received intact for all requested analyses.

The samples were appropriately preserved in accordance with the method they reference.

Analyses for Hexavalent Chromium were received beyond the 24 hr hold time and will be resampled by the client and submitted at a later date.

2. Subcontracted Analyses

Analyses were subcontracted to Rhode Island Analytical (RIAL) on 02/17/06;
Certification MA: MA-RI015, NH: 253700 A&B, CT: PH-0508, ME: RI015, RI: RI-033, NY:11726,

and

Analyses were subcontracted to Eno River Labs, LLC on 02/17/06;

The data is included in GZA's report for ease of electronic data transfer and is indicated by "XXX" in the tech column. The data report from the subcontractor is attached.

2. EPA Method 6010B/7470A - Metals

Attach QC 6010B 02/21/06 - Aqueous
Attach QC 7470A 02/21/06 - Aqueous

3. EPA Method 8260 - VOCs

Attach QC 8260 02/21/06 - Aqueous

4. MADEP EXTRACTABLE PETROLEUM HYDROCARBONS (EPH)

Attach QC EPH 02/17/06 - Aqueous

Were any significant modifications made to the VPH or EPH methods? ( ) Yes (x) No

* The diluted out surrogate recoveries are due to interference from the type and concentration of petroleum present in the sample.

5. EPA Method 8270 - SVOCs

Attach QC 8270 02/21/06 - Aqueous

GZA GeoEnvironmental, Inc.
106 South Street
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ANALYTICAL REPORT

TMC Services, Inc.
One William Way
Bellingham, MA 02019

Mr. Dean Soultanian

Project Name.: **Laboratory Testing**
Project No.: **08.0018838.00**

Date Received: **02/16/2006**
Date Reported: **03/08/2006**
Work Order No.: **0602-00108**

Sample ID: **Influent**
Sample Date: **02/15/2006**

Sample No.: **001**

Test Performed	Method	Results	Units	Tech	Analysis Date
Dibromochloromethane	EPA 8260	<10	ug/L	MQS	02/21/2006
1,2-Dibromoethane (EDB)	EPA 8260	<20	ug/L	MQS	02/21/2006
Chlorobenzene	EPA 8260	<10	ug/L	MQS	02/21/2006
1,1,1,2-Tetrachloroethane	EPA 8260	<10	ug/L	MQS	02/21/2006
Ethylbenzene	EPA 8260	<10	ug/L	MQS	02/21/2006
m&p-Xylene	EPA 8260	<10	ug/L	MQS	02/21/2006
o-Xylene	EPA 8260	<10	ug/L	MQS	02/21/2006
Styrene	EPA 8260	<10	ug/L	MQS	02/21/2006
Bromoform	EPA 8260	<20	ug/L	MQS	02/21/2006
Isopropylbenzene	EPA 8260	<10	ug/L	MQS	02/21/2006
1,1,2,2-Tetrachloroethane	EPA 8260	<10	ug/L	MQS	02/21/2006
1,2,3-Trichloropropane	EPA 8260	<10	ug/L	MQS	02/21/2006
Bromobenzene	EPA 8260	<10	ug/L	MQS	02/21/2006
N-Propylbenzene	EPA 8260	<10	ug/L	MQS	02/21/2006
2-Chlorotoluene	EPA 8260	<10	ug/L	MQS	02/21/2006
1,3,5-Trimethylbenzene	EPA 8260	13	ug/L	MQS	02/21/2006
4-Chlorotoluene	EPA 8260	<10	ug/L	MQS	02/21/2006
tert-Butylbenzene	EPA 8260	<10	ug/L	MQS	02/21/2006
1,2,4-Trimethylbenzene	EPA 8260	35	ug/L	MQS	02/21/2006
sec-Butylbenzene	EPA 8260	<10	ug/L	MQS	02/21/2006
p-Isopropyltoluene	EPA 8260	<10	ug/L	MQS	02/21/2006
1,3-Dichlorobenzene	EPA 8260	<10	ug/L	MQS	02/21/2006
1,4-Dichlorobenzene	EPA 8260	<10	ug/L	MQS	02/21/2006
n-Butylbenzene	EPA 8260	<10	ug/L	MQS	02/21/2006
1,2-Dichlorobenzene	EPA 8260	<10	ug/L	MQS	02/21/2006
1,2-Dibromo-3-Chloropropane	EPA 8260	<50	ug/L	MQS	02/21/2006
1,2,4-Trichlorobenzene	EPA 8260	<10	ug/L	MQS	02/21/2006
Hexachlorobutadiene	EPA 8260	<10	ug/L	MQS	02/21/2006
Naphthalene	EPA 8260	38	ug/L	MQS	02/21/2006
1,2,3-Trichlorobenzene	EPA 8260	<10	ug/L	MQS	02/21/2006
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	94.2	% R	MQS	02/21/2006
***Toluene-D8	EPA 8260	97.1	% R	MQS	02/21/2006
***4-Bromofluorobenzene	EPA 8260	98.7	% R	MQS	02/21/2006
Preparation	EPA 5030B	10	DF	MQS	02/21/2006
EPH	MADEP			RJD	02/24/2006
Unadjusted C11-C22 Aromatic	MADEP	6200	ug/L	RJD	02/24/2006

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Mr. Dean Soultanian

Project Name.: **Laboratory Testing**
Project No.: **08.0018838.00**

Date Received: **02/16/2006**
Date Reported: **03/08/2006**
Work Order No.: **0602-00108**

Sample ID: **Influent** Sample No.: **001**

Sample Date: **02/15/2006**

Test Performed	Method	Results		Units	Tech	Analysis Date
C9-C18 Aliphatic Fraction	MADEP	9100		ug/L	RJD	02/24/2006
C19-C36 Aliphatic Fraction	MADEP	2800		ug/L	RJD	02/24/2006
C11-C22 Aromatic Fraction	MADEP	6000		ug/L	RJD	02/24/2006
Surrogates:	MADEP					
***1-Chloroctadecane	MADEP	53.7		%R	RJD	02/24/2006
***p-Terphenyl (aromatic)	MADEP	64.2		%R	RJD	02/24/2006
***2-Bromonaphthalene	MADEP	D.O.	*	%R	RJD	02/24/2006
TARGETED PAH ANALYTES	MADEP					
Naphthalene (Diesel PAH)	MADEP	29		ug/L	RJD	02/24/2006
2-Methylnaphthalene	MADEP	67		ug/L	RJD	02/24/2006
Acenaphthylene	MADEP	<25		ug/L	RJD	02/24/2006
Acenaphthene (Diesel PAH)	MADEP	<25		ug/L	RJD	02/24/2006
Fluorene	MADEP	35		ug/L	RJD	02/24/2006
Phenanthrene (Diesel PAH)	MADEP	32		ug/L	RJD	02/24/2006
Anthracene	MADEP	<25		ug/L	RJD	02/24/2006
Fluoranthene	MADEP	<25		ug/L	RJD	02/24/2006
Pyrene	MADEP	<25		ug/L	RJD	02/24/2006
Benzo [a] Anthracene	MADEP	<5.0		ug/L	RJD	02/24/2006
Chrysene	MADEP	<5.0		ug/L	RJD	02/24/2006
Benzo [b] Fluoranthene	MADEP	<5.0		ug/L	RJD	02/24/2006
Benzo [k] Fluoranthene	MADEP	<5.0		ug/L	RJD	02/24/2006
Benzo [a] Pyrene	MADEP	<5.0		ug/L	RJD	02/24/2006
Indeno [1,2,3-cd] Pyrene	MADEP	<5.0		ug/L	RJD	02/24/2006
Dibenzo [a,h] Anthracene	MADEP	<5.0		ug/L	RJD	02/24/2006
Benzo [g,h,i] Perylene	MADEP	<5.0		ug/L	RJD	02/24/2006
Extraction	EPA 3510C	1.0		DF	JEJ	02/17/2006

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Mr. Dean Soultanian

Project Name.: **Laboratory Testing**
Project No.: **08.0018838.00**

Date Received: **02/16/2006**
Date Reported: **03/08/2006**
Work Order No.: **0602-00108**

Sample ID: **Midfluent**
Sample Date: **02/16/2006**

Sample No.: **002**

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	02/21/2006
Dichlorodifluoromethane	EPA 8260	<2.0	ug/L	MQS	02/21/2006
Chloromethane	EPA 8260	<2.0	ug/L	MQS	02/21/2006
Vinyl Chloride	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Bromomethane	EPA 8260	<2.0	ug/L	MQS	02/21/2006
Chloroethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Trichlorofluoromethane	EPA 8260	<2.0	ug/L	MQS	02/21/2006
Diethylether	EPA 8260	<5.0	ug/L	MQS	02/21/2006
Acetone	EPA 8260	<25	ug/L	MQS	02/21/2006
1,1-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Dichloromethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Methyl-Tert-Butyl-Ether	EPA 8260	<1.0	ug/L	MQS	02/21/2006
trans-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,1-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
2-Butanone	EPA 8260	<25	ug/L	MQS	02/21/2006
2,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
cis-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Chloroform	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Bromochloromethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Tetrahydrofuran	EPA 8260	<10	ug/L	MQS	02/21/2006
1,1,1-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,1-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Carbon Tetrachloride	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,2-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Benzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Trichloroethene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Bromodichloromethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Dibromomethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
4-Methyl-2-Pentanone	EPA 8260	<2.0	ug/L	MQS	02/21/2006
cis-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Toluene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
trans-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,1,2-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
2-Hexanone	EPA 8260	<2.0	ug/L	MQS	02/21/2006
1,3-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Tetrachloroethene	EPA 8260	<1.0	ug/L	MQS	02/21/2006

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Mr. Dean Soultanian

Project Name.: **Laboratory Testing**
Project No.: **08.0018838.00**

Date Received: **02/16/2006**
Date Reported: **03/08/2006**
Work Order No.: **0602-00108**

Sample ID: **Midfluent** Sample No.: **002**

Sample Date: **02/15/2006**

Test Performed	Method	Results	Units	Tech	Analysis Date
Dibromochloromethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,2-Dibromoethane (EDB)	EPA 8260	<2.0	ug/L	MQS	02/21/2006
Chlorobenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,1,1,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Ethylbenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
m&p-Xylene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
o-Xylene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Styrene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Bromoform	EPA 8260	<2.0	ug/L	MQS	02/21/2006
Isopropylbenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,1,2,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,2,3-Trichloropropane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Bromobenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
N-Propylbenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
2-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,3,5-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
4-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
tert-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,2,4-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
sec-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
p-Isopropyltoluene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,3-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,4-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
n-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,2-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,2-Dibromo-3-Chloropropane	EPA 8260	<5.0	ug/L	MQS	02/21/2006
1,2,4-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Hexachlorobutadiene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Naphthalene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,2,3-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	101	% R	MQS	02/21/2006
***Toluene-D8	EPA 8260	97.5	% R	MQS	02/21/2006
***4-Bromofluorobenzene	EPA 8260	99.6	% R	MQS	02/21/2006
Preparation	EPA 5030B	1.0	DF	MQS	02/21/2006
EPH	MADEP			RJD	02/24/2006
Unadjusted C11-C22 Aromatic	MADEP	<100	ug/L	RJD	02/24/2006

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ANALYTICAL REPORT

TMC Services, Inc.
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Mr. Dean Soultanian

Project Name.: **Laboratory Testing**
Project No.: **08.0018838.00**

Date Received: **02/16/2006**
Date Reported: **03/08/2006**
Work Order No.: **0602-00108**

Sample ID: **Midfluent** Sample No.: **002**

Sample Date: **02/15/2006**

Test Performed	Method	Results	Units	Tech	Analysis Date
C9-C18 Aliphatic Fraction	MADEP	<100	ug/L	RJD	02/24/2006
C19-C36 Aliphatic Fraction	MADEP	<100	ug/L	RJD	02/24/2006
C11-C22 Aromatic Fraction	MADEP	<100	ug/L	RJD	02/24/2006
Surrogates:	MADEP				
***1-Chloroctadecane	MADEP	59.7	%R	RJD	02/24/2006
***p-Terphenyl (aromatic)	MADEP	79.5	%R	RJD	02/24/2006
***2-Bromonaphthalene	MADEP	138	%R	RJD	02/24/2006
TARGETED PAH ANALYTES	MADEP				
Naphthalene (Diesel PAH)	MADEP	<5.0	ug/L	RJD	02/24/2006
2-Methylnaphthalene	MADEP	<5.0	ug/L	RJD	02/24/2006
Acenaphthylene	MADEP	<5.0	ug/L	RJD	02/24/2006
Acenaphthene (Diesel PAH)	MADEP	<5.0	ug/L	RJD	02/24/2006
Fluorene	MADEP	<5.0	ug/L	RJD	02/24/2006
Phenanthrene (Diesel PAH)	MADEP	<5.0	ug/L	RJD	02/24/2006
Anthracene	MADEP	<5.0	ug/L	RJD	02/24/2006
Fluoranthene	MADEP	<5.0	ug/L	RJD	02/24/2006
Pyrene	MADEP	<5.0	ug/L	RJD	02/24/2006
Benzo [a] Anthracene	MADEP	<5.0	ug/L	RJD	02/24/2006
Chrysene	MADEP	<5.0	ug/L	RJD	02/24/2006
Benzo [b] Fluoranthene	MADEP	<5.0	ug/L	RJD	02/24/2006
Benzo [k] Fluoranthene	MADEP	<5.0	ug/L	RJD	02/24/2006
Benzo [a] Pyrene	MADEP	<5.0	ug/L	RJD	02/24/2006
Indeno [1,2,3-cd] Pyrene	MADEP	<5.0	ug/L	RJD	02/24/2006
Dibenzo [a,h] Anthracene	MADEP	<5.0	ug/L	RJD	02/24/2006
Benzo [g,h,i] Perylene	MADEP	<5.0	ug/L	RJD	02/24/2006
Extraction	EPA 3510C	1.0	DF	JEJ	02/17/2006

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ANALYTICAL REPORT

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Mr. Dean Soultanian

Project Name.: **Laboratory Testing**
Project No.: **08.0018838.00**

Date Received: **02/16/2006**
Date Reported: **03/08/2006**
Work Order No.: **0602-00108**

Sample ID: **Effluent** Sample No.: **003**

Sample Date: **02/15/2006**

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	02/21/2006
Dichlorodifluoromethane	EPA 8260	<2.0	ug/L	MQS	02/21/2006
Chloromethane	EPA 8260	<2.0	ug/L	MQS	02/21/2006
Vinyl Chloride	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Bromomethane	EPA 8260	<2.0	ug/L	MQS	02/21/2006
Chloroethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Trichlorofluoromethane	EPA 8260	<2.0	ug/L	MQS	02/21/2006
Diethylether	EPA 8260	<5.0	ug/L	MQS	02/21/2006
Acetone	EPA 8260	<25	ug/L	MQS	02/21/2006
1,1-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Dichloromethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Methyl-Tert-Butyl-Ether	EPA 8260	<1.0	ug/L	MQS	02/21/2006
trans-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,1-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
2-Butanone	EPA 8260	<25	ug/L	MQS	02/21/2006
2,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
cis-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Chloroform	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Bromochloromethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Tetrahydrofuran	EPA 8260	<10	ug/L	MQS	02/21/2006
1,1,1-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,1-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Carbon Tetrachloride	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,2-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Benzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Trichloroethene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Bromodichloromethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Dibromomethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
4-Methyl-2-Pentanone	EPA 8260	<2.0	ug/L	MQS	02/21/2006
cis-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Toluene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
trans-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,1,2-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
2-Hexanone	EPA 8260	<2.0	ug/L	MQS	02/21/2006
1,3-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Tetrachloroethene	EPA 8260	<1.0	ug/L	MQS	02/21/2006

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Project Name.: **Laboratory Testing**
Project No.: **08.0018838.00**

Date Received: **02/16/2006**
Date Reported: **03/08/2006**
Work Order No.: **0602-00108**

Sample ID: **Effluent** Sample No.: **003**

Sample Date: **02/15/2006**

Test Performed	Method	Results	Units	Tech	Analysis Date
Dibromochloromethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,2-Dibromoethane (EDB)	EPA 8260	<2.0	ug/L	MQS	02/21/2006
Chlorobenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,1,1,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Ethylbenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
m&p-Xylene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
o-Xylene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Styrene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Bromoform	EPA 8260	<2.0	ug/L	MQS	02/21/2006
Isopropylbenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,1,2,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,2,3-Trichloropropane	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Bromobenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
N-Propylbenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
2-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,3,5-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
4-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
tert-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,2,4-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
sec-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
p-Isopropyltoluene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,3-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,4-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
n-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,2-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,2-Dibromo-3-Chloropropane	EPA 8260	<5.0	ug/L	MQS	02/21/2006
1,2,4-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Hexachlorobutadiene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Naphthalene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
1,2,3-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	02/21/2006
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	95.6	% R	MQS	02/21/2006
***Toluene-D8	EPA 8260	96.9	% R	MQS	02/21/2006
***4-Bromofluorobenzene	EPA 8260	99.0	% R	MQS	02/21/2006
Preparation	EPA 5030B	1.0	DF	MQS	02/21/2006
SEMI-VOLATILE ORGANICS	EPA 8270			CMG	03/08/2006
ACID FRACTION:	EPA 8270				

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
(781) 278-4700

ANALYTICAL REPORT

TMC Services, Inc.
One William Way
Bellingham, MA 02019

Mr. Dean Soultanian

Project Name.: **Laboratory Testing**
Project No.: **08.0018838.00**

Date Received: **02/16/2006**
Date Reported: **03/08/2006**
Work Order No.: **0602-00108**

Sample ID: **Effluent** Sample No.: **003**

Sample Date: **02/15/2006**

Test Performed	Method	Results	Units	Tech	Analysis Date
Phenol	EPA 8270	<10	ug/L	CMG	03/08/2006
2-Chlorophenol	EPA 8270	<10	ug/L	CMG	03/08/2006
2-Methylphenol	EPA 8270	<10	ug/L	CMG	03/08/2006
3&4-Methylphenol	EPA 8270	<10	ug/L	CMG	03/08/2006
2-Nitrophenol	EPA 8270	<10	ug/L	CMG	03/08/2006
2,4-Dimethylphenol	EPA 8270	<10	ug/L	CMG	03/08/2006
Benzoic Acid	EPA 8270	<10	ug/L	CMG	03/08/2006
2,4-Dichlorophenol	EPA 8270	<10	ug/L	CMG	03/08/2006
4-Chloro-3-Methylphenol	EPA 8270	<20	ug/L	CMG	03/08/2006
2,4,6-Trichlorophenol	EPA 8270	<10	ug/L	CMG	03/08/2006
2,4,5-Trichlorophenol	EPA 8270	<10	ug/L	CMG	03/08/2006
2,4-Dinitrophenol	EPA 8270	<100	ug/L	CMG	03/08/2006
4-Nitrophenol	EPA 8270	<50	ug/L	CMG	03/08/2006
4,6-Dinitro-2-Methylphenol	EPA 8270	<50	ug/L	CMG	03/08/2006
Pentachlorophenol	EPA 8270	<50	ug/L	CMG	03/08/2006
BASE-NEUTRAL FRACTION:					
n-Nitrosodimethylamine	EPA 8270	<10	ug/L	CMG	03/08/2006
bis(2-Chloroethyl)Ether	EPA 8270	<10	ug/L	CMG	03/08/2006
1,3-Dichlorobenzene	EPA 8270	<10	ug/L	CMG	03/08/2006
1,4-Dichlorobenzene	EPA 8270	<10	ug/L	CMG	03/08/2006
Benzyl Alcohol	EPA 8270	<20	ug/L	CMG	03/08/2006
1,2-Dichlorobenzene	EPA 8270	<10	ug/L	CMG	03/08/2006
bis(2-Chloroisopropyl)Ether	EPA 8270	<10	ug/L	CMG	03/08/2006
n-Nitrosodi-n-Propylamine	EPA 8270	<10	ug/L	CMG	03/08/2006
Hexachloroethane	EPA 8270	<10	ug/L	CMG	03/08/2006
Nitrobenzene	EPA 8270	<10	ug/L	CMG	03/08/2006
Isophorone	EPA 8270	<10	ug/L	CMG	03/08/2006
bis(2-Chloroethoxy)Methane	EPA 8270	<10	ug/L	CMG	03/08/2006
1,2,4-Trichlorobenzene	EPA 8270	<10	ug/L	CMG	03/08/2006
Naphthalene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
4-Chloroaniline	EPA 8270	<20	ug/L	CMG	03/08/2006
Hexachlorobutadiene	EPA 8270	<10	ug/L	CMG	03/08/2006
2-Methylnaphthalene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
Hexachlorocyclopentadiene	EPA 8270	<50	ug/L	CMG	03/08/2006
2-Chloronaphthalene	EPA 8270	<10	ug/L	CMG	03/08/2006
2-Nitroaniline	EPA 8270	<50	ug/L	CMG	03/08/2006
Dimethylphthalate	EPA 8270	<10	ug/L	CMG	03/08/2006

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ANALYTICAL REPORT

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Mr. Dean Soultanian

Project Name.: **Laboratory Testing**
Project No.: **08.0018838.00**

Date Received: **02/16/2006**
Date Reported: **03/08/2006**
Work Order No.: **0602-00108**

Sample ID: **Effluent** Sample No.: **003**

Sample Date: **02/15/2006**

Test Performed	Method	Results	Units	Tech	Analysis Date
Acenaphthylene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
2,6-Dinitrotoluene	EPA 8270	<10	ug/L	CMG	03/08/2006
3-Nitroaniline	EPA 8270	<50	ug/L	CMG	03/08/2006
Acenaphthene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
Dibenzofuran	EPA 8270	<10	ug/L	CMG	03/08/2006
2,4-Dinitrotoluene	EPA 8270	<10	ug/L	CMG	03/08/2006
Diethylphthalate	EPA 8270	<10	ug/L	CMG	03/08/2006
Fluorene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
4-Chlorophenyl Phenyl Ether	EPA 8270	<10	ug/L	CMG	03/08/2006
4-Nitroaniline	EPA 8270	<20	ug/L	CMG	03/08/2006
n-Nitrosodiphenylamine	EPA 8270	<10	ug/L	CMG	03/08/2006
4-Bromophenyl Phenyl Ether	EPA 8270	<10	ug/L	CMG	03/08/2006
Hexachlorobenzene	EPA 8270	<10	ug/L	CMG	03/08/2006
Phenanthrene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
Anthracene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
Carbazole	EPA 8270	<10	ug/L	CMG	03/08/2006
di-n-Butylphthalate	EPA 8270	<15	ug/L	CMG	03/08/2006
Fluoranthene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
Pyrene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
Butylbenzylphthalate	EPA 8270	<10	ug/L	CMG	03/08/2006
Benzo [a] Anthracene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
3,3'-Dichlorobenzidine	EPA 8270	<20	ug/L	CMG	03/08/2006
Chrysene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
bis(2-Ethylhexyl)Phthalate	EPA 8270	<10	ug/L	CMG	03/08/2006
di-n-Octylphthalate	EPA 8270	<10	ug/L	CMG	03/08/2006
Benzo [b] Fluoranthene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
Benzo [k] Fluoranthene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
Benzo [a] Pyrene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
Indeno [1,2,3-cd] Pyrene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
Dibenzo [a,h] Anthracene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
Benzo [g,h,i] Perylene	EPA 8270	<2.0	ug/L	CMG	03/08/2006
Surrogates:	EPA 8270				
***2-Fluorophenol	EPA 8270	30.1	% R	CMG	03/08/2006
***Phenol-D6	EPA 8270	18.0	% R	CMG	03/08/2006
***Nitrobenzene-D5	EPA 8270	81.7	% R	CMG	03/08/2006
***2-Fluorobiphenyl	EPA 8270	77.6	% R	CMG	03/08/2006
***2,4,6-Tribromophenol	EPA 8270	86.9	% R	CMG	03/08/2006

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Mr. Dean Soultanian

Project Name.: **Laboratory Testing**
Project No.: **08.0018838.00**

Date Received: **02/16/2006**
Date Reported: **03/08/2006**
Work Order No.: **0602-00108**

Sample ID: **Effluent** Sample No.: **003**

Sample Date: **02/15/2006**

Test Performed	Method	Results	Units	Tech	Analysis Date
***P-Terphenyl-D14	EPA 8270	82.3	% R	CMG	03/08/2006
Extraction	EPA 3510C	1.0	DF	JEJ	02/21/2006
PRIORITY POLLUTANT METALS				AJY	02/21/2006
Silver	EPA 6010B	<0.005	mg/L	AJY	02/21/2006
Arsenic	EPA 6010B	0.044	mg/L	AJY	02/22/2006
Beryllium	EPA 6010B	<0.005	mg/L	AJY	02/21/2006
Cadmium	EPA 6010B	<0.005	mg/L	AJY	02/21/2006
Chromium	EPA 6010B	<0.005	mg/L	AJY	02/21/2006
Copper	EPA 6010B	0.041	mg/L	AJY	02/22/2006
Mercury	EPA 7470A	<0.00050	mg/L	AJY	02/24/2006
Nickel	EPA 6010B	<0.010	mg/L	AJY	02/21/2006
Lead	EPA 6010B	<0.010	mg/L	AJY	02/21/2006
Antimony	EPA 6010B	<0.025	mg/L	AJY	02/21/2006
Selenium	EPA 6010B	<0.025	mg/L	AJY	02/21/2006
Zinc	EPA 6010B	0.017	mg/L	AJY	02/22/2006
Iron	EPA 6010B	0.198	mg/L	AJY	02/22/2006
SUBCONTRACTED ANALYTES					
Total Cyanide	EPA 335.2	<0.10	mg/L	XXX	02/22/2006
Total Suspended Solids	EPA 160.2	5.0	mg/L	XXX	02/20/2006
Residual Chlorine	EPA 330.5	<0.1	mg/L	XXX	02/17/2006
TPH BY METHOD 1664	EPA 1664	0.5	mg/L	XXX	02/21/2006

ENVIRONMENTAL CHEMISTRY LABORATORY
106 SOUTH ST, HOPKINTON, MA 01748
MASSACHUSETTS LABORATORY I.D. NO. MA092

EPA METHOD 6010B ANALYSIS
Metals by ICP

QUALITY CONTROL - AQUEOUS

DATE PREPARED: 2/21/2006

QC Sample	Method Blank	Lab Control Sample
Units	mg/L	% Recovery
Acceptance Limits	Results	80-120
Analyte		
Silver (Ag)	<0.005	91.5
Aluminum (Al)	NA	NA
Arsenic (As)	<0.010	95.5
Boron (B)	NA	NA
Barium (Ba)	NA	NA
Beryllium (Be)	<0.005	96.6
Calcium (Ca)	NA	NA
Cadmium (Cd)	<0.005	95.3
Cobalt (Co)	NA	NA
Chromium (Cr)	<0.005	95.5
Copper (Cu)	<0.015	118
Iron (Fe)	<0.025	101
Magnesium (Mg)	NA	NA
Manganese (Mn)	NA	NA
Molybdenum (Mo)	NA	NA
Nickel (Ni)	<0.010	96.7
Lead (Pb)	<0.010	93.8
Antimony (Sb)	<0.025	102
Selenium (Se)	<0.025	99.6
Strontium (Sr)	NA	NA
Titanium (Ti)	NA	NA
Thallium (Tl)	NA	NA
Vanadium (V)	NA	NA
Zinc (Zn)	<0.010	101

Matrix Spike / Duplicate Spike performed as per method and reported if assigned on Chain of Custody.

GZA GEOENVIRONMENTAL, INC.
ENVIRONMENTAL CHEMISTRY LABORATORY
106 SOUTH ST, HOPKINTON, MA 01748
MASSACHUSETTS LABORATORY I.D. NO. MA092

EPA METHOD 7470A ANALYSIS
Mercury by Cold Vapor Atomic Absorption

QUALITY CONTROL - Aqueous

Date Prepared: 02/21/2006

QC Sample	Method Blank	Lab Control Sample
Units	mg/L	% Recovery
Acceptance Limits	Results	80-120%
Analyte		
Mercury (Hg)	<0.00050	91.3

Matrix Spike / Duplicate Spike performed as per method and reported if assigned on Chain of Custody.

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

EPA Method 8260 / 624.2 Aqueous Method Blank (MB) and Laboratory Control Sample (LCS) Data

Method Blank

Date Analyzed:	2/21/2006	
Volatile Organics	Conc. ug/L	Acceptance Limit
dichlorodifluoromethane	< 1.0	< 1.0
chloromethane	< 1.0	< 1.0
vinyl chloride	< 1.0	< 1.0
bromomethane	< 1.0	< 1.0
chloroethane	< 1.0	< 1.0
trichlorofluoromethane	< 1.0	< 1.0
diethyl ether	< 2.0	< 2.0
acetone	< 25	< 25
1,1-dichloroethene	< 0.5	< 0.5
FREON-113	< 1.0	< 1.0
carbon disulfide	< 1.0	< 1.0
dichloromethane	< 1.0	< 1.0
tert-butyl alcohol (TBA)	< 25	< 25
methyl-tert-butyl-ether	< 1.0	< 1.0
trans-1,2-dichloroethene	< 0.5	< 0.5
1,1-dichloroethane	< 0.5	< 0.5
di-isopropyl ether (DIPE)	< 1.0	< 1.0
ethyl tert-butyl ether (ETBE)	< 1.0	< 1.0
2-butanone	< 25	< 25
2,2-dichloropropane	< 0.5	< 0.5
cis-1,2-dichloroethene	< 0.5	< 0.5
chloroform	< 0.5	< 0.5
bromochloromethane	< 0.5	< 0.5
tetrahydrofuran	< 5.0	< 5.0
1,1,1-trichloroethane	< 0.5	< 0.5
1,1-dichloropropene	< 0.5	< 0.5
carbon tetrachloride	< 0.5	< 0.5
1,2-dichloroethane	< 0.5	< 0.5
benzene	< 0.5	< 0.5
tert-amyl methyl ether (TAME)	< 1.0	< 1.0
trichloroethene	< 0.5	< 0.5
1,2-dichloropropane	< 0.5	< 0.5
bromodichloromethane	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50
dibromomethane	< 0.5	< 0.5
4-methyl-2-pentanone	< 1.0	< 1.0
cis-1,3-dichloropropene	< 0.5	< 0.5
toluene	< 0.5	< 0.5
trans-1,3-dichloropropene	< 0.5	< 0.5
1,1,2-trichloroethane	< 1.0	< 1.0
2-hexanone	< 1.0	< 1.0
1,3-dichloropropane	< 0.5	< 0.5
tetrachloroethene	< 0.5	< 0.5
dibromochloromethane	< 0.5	< 0.5
1,2-dibromoethane (EDB)	< 0.5	< 0.5
chlorobenzene	< 0.5	< 0.5
1,1,1,2-tetrachloroethane	< 0.5	< 0.5
ethylbenzene	< 0.5	< 0.5
1,1,2,2-tetrachloroethane	< 0.5	< 0.5
m&p-xylene	< 0.5	< 0.5
o-xylene	< 0.5	< 0.5
styrene	< 0.5	< 0.5
bromoform	< 0.5	< 0.5
isopropylbenzene	< 0.5	< 0.5
1,2,3-trichloropropane	< 0.5	< 0.5
bromobenzene	< 0.5	< 0.5
n-propylbenzene	< 0.5	< 0.5
2-chlorotoluene	< 0.5	< 0.5
1,3,5-trimethylbenzene	< 0.5	< 0.5
4-chlorotoluene	< 0.5	< 0.5
tert-butyl-benzene	< 0.5	< 0.5
1,2,4-trimethylbenzene	< 0.5	< 0.5
sec-butyl-benzene	< 0.5	< 0.5
p-isopropyltoluene	< 2.5	< 2.5
1,3-dichlorobenzene	< 0.5	< 0.5
1,4-dichlorobenzene	< 0.5	< 0.5
n-butylbenzene	< 0.5	< 0.5
1,2-dichlorobenzene	< 0.5	< 0.5
1,2-dibromo-3-chloropropane	< 1.0	< 1.0
1,2,4-trichlorobenzene	< 0.5	< 0.5
hexachlorobutadiene	< 0.5	< 0.5
naphthalene	< 0.5	< 0.5
1,2,3-trichlorobenzene	< 0.5	< 0.5

Laboratory Control Sample

Date Analyzed:	2/21/2006		
Spike Concentration = 20ug/L	% Recovery	Acceptance Limits	Verdict
dichlorodifluoromethane	87.7	70-130	ok
chloromethane	91.6	70-130	ok
vinyl chloride	97.6	70-130	ok
bromomethane	101	70-130	ok
chloroethane	108	70-130	ok
trichlorofluoromethane	98.9	70-130	ok
diethyl ether	103	70-130	ok
acetone	99.7	70-130	ok
1,1-dichloroethene	101	70-130	ok
FREON-113	103	70-130	ok
carbon disulfide	99.5	70-130	ok
dichloromethane	101	70-130	ok
tert-butyl alcohol (TBA)	90.2	70-130	ok
methyl-tert-butyl-ether	106	70-130	ok
trans-1,2-dichloroethene	103	70-130	ok
1,1-dichloroethane	99.9	70-130	ok
di-isopropyl ether (DIPE)	98.6	70-130	ok
ethyl tert-butyl ether (ETBE)	101	70-130	ok
2-butanone	106	70-130	ok
2,2-dichloropropane	103	70-130	ok
cis-1,2-dichloroethene	102	70-130	ok
chloroform	101	70-130	ok
bromochloromethane	105	70-130	ok
tetrahydrofuran	121	70-130	ok
1,1,1-trichloroethane	101	70-130	ok
1,1-dichloropropene	98.7	70-130	ok
carbon tetrachloride	100	70-130	ok
1,2-dichloroethane	96.2	70-130	ok
benzene	96.6	70-130	ok
tert-amyl methyl ether (TAME)	103	70-130	ok
trichloroethene	102	70-130	ok
1,2-dichloropropane	94.4	70-130	ok
bromodichloromethane	98.5	70-130	ok
1,4-Dioxane	111	70-130	ok
dibromomethane	103	70-130	ok
4-methyl-2-pentanone	103	70-130	ok
cis-1,3-dichloropropene	103	70-130	ok
toluene	101	70-130	ok
trans-1,3-dichloropropene	97.8	70-130	ok
1,1,2-trichloroethane	99.8	70-130	ok
2-hexanone	103	70-130	ok
1,3-dichloropropane	98.1	70-130	ok
tetrachloroethene	101	70-130	ok
dibromochloromethane	103	70-130	ok
1,2-dibromoethane (EDB)	103	70-130	ok
chlorobenzene	100	70-130	ok
1,1,1,2-tetrachloroethane	103	70-130	ok
ethylbenzene	98.6	70-130	ok
1,1,2,2-tetrachloroethane	103	70-130	ok
m&p-xylene	98.0	70-130	ok
o-xylene	97.3	70-130	ok
styrene	98.7	70-130	ok
bromoform	106	70-130	ok
isopropylbenzene	97.0	70-130	ok
1,2,3-trichloropropane	99.3	70-130	ok
bromobenzene	103	70-130	ok
n-propylbenzene	96.4	70-130	ok
2-chlorotoluene	97.0	70-130	ok
1,3,5-trimethylbenzene	97.8	70-130	ok
4-chlorotoluene	96.2	70-130	ok
tert-butyl-benzene	98.1	70-130	ok
1,2,4-trimethylbenzene	99.0	70-130	ok
sec-butyl-benzene	97.5	70-130	ok
p-isopropyltoluene	98.4	70-130	ok
1,3-dichlorobenzene	103	70-130	ok
1,4-dichlorobenzene	104	70-130	ok
n-butylbenzene	97.2	70-130	ok
1,2-dichlorobenzene	101	70-130	ok
1,2-dibromo-3-chloropropane	99.2	70-130	ok
1,2,4-trichlorobenzene	106	70-130	ok
hexachlorobutadiene	104	70-130	ok
naphthalene	97.7	70-130	ok
1,2,3-trichlorobenzene	105	70-130	ok

SMF criteria allows 5 compounds to be outside acceptance limits

Surrogates:	Recovery (%)	Acceptance Limits
DIBROMOFLUOROMETHANE	102	70-130
1,2-DICHLOROETHANE-D4	102	70-130
TOLUENE-D8	98.4	70-130
4-BROMOFLUOROBENZENE	100	70-130
1,2-DICHLOROBENZENE-D4	99.1	70-130

Surrogates:	Recovery (%)	Acceptance Limits	Verdict
DIBROMOFLUOROMETHANE	103	70-130	ok
1,2-DICHLOROETHANE-D4	103	70-130	ok
TOLUENE-D8	99.7	70-130	ok
4-BROMOFLUOROBENZENE	100	70-130	ok
1,2-DICHLOROBENZENE-D4	100	70-130	ok

Instrument: HP GC/MS "A"

GZA GEOENVIRONMENTAL, INC.
ENVIRONMENTAL CHEMISTRY LABORATORY
106 SOUTH STREET, HOPKINTON, MA 01748 (781) 278-4710
MASSACHUSETTS LABORATORY I.D. NO. MA092

MADEP EPH
EXTRACTABLES IN AQUEOUS AND/OR SOLID MATRIX

QUALITY CONTROL

EXT. DATE: 2/17/06 Aqueous

METHOD BLANK	AQUEOUS ug/L-PPB	SOLID mg/kg - PPM
UNWEIGHTED CONC.		
C9-C18 Aliphatics	<100	<1.0
C19-C36 Aliphatics	<100	<1.0
C10-C22 Aromatics	<100	<2.0
C10-C22 Aromatics (adjusted)	<100	<1.0
TARGET COMPOUNDS		
Naphthalene	<5.0	<0.30
2-Methylnaphthalene	<5.0	<0.30
Acenaphthylene	<5.0	<0.30
Acenaphthene	<5.0	<0.30
Fluorene	<5.0	<0.30
Phenanthrene	<5.0	<0.30
Anthracene	<5.0	<0.30
Fluoranthene	<5.0	<0.30
Pyrene	<5.0	<0.30
Benzo(a)anthracene	<5.0	<0.30
Chrysene	<5.0	<0.30
Benzo(b)fluoranthene	<5.0	<0.30
Benzo(k)fluoranthene	<5.0	<0.30
Benzo(a)pyrene	<5.0	<0.30
Indeno(1,2,3-c,d)pyrene	<5.0	<0.30
Dibenzo(a,h)anthracene	<5.0	<0.30
Benzo(g,h,i)perylene	<5.0	<0.30
Surrogate:	**Recovery (%)**	**Acceptance Limits**
***1-Chlorooctadecane (Aliphatic)	60.3	40-140
***p-Terphenyl (Aromatic)	63.7	40-140
Fractionation Surrogate:		
***2-Bromonaphthalene	132	40-140

GZA GEOENVIRONMENTAL, INC.
ENVIRONMENTAL CHEMISTRY LABORATORY
106 SOUTH STREET, HOPKINTON, MA 01748 (781) 278-4710
MASSACHUSETTS LABORATORY I.D. NO. MA092

MADEP EPH
EXTRACTABLES IN AQUEOUS AND/OR SOLID MATRIX

QUALITY CONTROL

EXT. DATE: 2/17/06 Aqueous

LABORATORY CONTROL SAMPLE / DUPLICATE LCS	LCS Recovery (%)	LCS Dup Recovery (%)	Limits	RPD	Limits
Aliphatics:					
Nonane	31.8	22.6	30-140	33.8	< 25
Decane	43.8	33.4	40-140	26.9	< 25
Dodecane	42.1	40.0	40-140	5.12	< 25
Tetradecane	52.0	48.5	40-140	6.97	< 25
Hexadecane	59.2	60.2	40-140	1.68	< 25
Octadecane	64.0	69.1	40-140	7.66	< 25
Nonadecane	62.9	67.5	40-140	7.06	< 25
Eicosane	65.6	71.7	40-140	8.89	< 25
Docosane	63.7	69.7	40-140	9.00	< 25
Tetracosane	63.9	69.8	40-140	8.83	< 25
Hexacosane	62.5	68.0	40-140	8.43	< 25
Octacosane	62.1	67.5	40-140	8.33	< 25
Triacontane	62.1	67.6	40-140	8.48	< 25
Hexatriacontane	61.3	66.2	40-140	7.69	< 25
Aromatics:					
Naphthalene	57.3	54.3	40-140	5.38	< 25
2-Methylnaphthalene	57.7	51.7	40-140	11.0	< 25
Acenaphthylene	70.0	63.3	40-140	10.1	< 25
Acenaphthene	85.9	80.3	40-140	6.74	< 25
Fluorene	71.3	66.3	40-140	7.27	< 25
Phenanthrene	70.3	69.5	40-140	1.17	< 25
Anthracene	79.2	77.4	40-140	2.30	< 25
Fluoranthene	78.4	78.7	40-140	0.38	< 25
Pyrene	76.8	74.3	40-140	3.31	< 25
Benzo(a)anthracene	68.4	68.5	40-140	0.15	< 25
Chrysene	82.4	82.5	40-140	0.12	< 25
Benzo(b)fluoranthene	59.0	58.7	40-140	0.51	< 25
Benzo(k)fluoranthene	89.0	95.5	40-140	7.05	< 25
Benzo(a)pyrene	73.6	69.4	40-140	5.87	< 25
Indeno(1,2,3-c,d)pyrene	45.7	50.5	40-140	9.98	< 25
Dibenzo(a,h)anthracene	57.3	44.7	40-140	24.7	< 25
Benzo(g,h,i)perylene	66.1	49.1	40-140	29.5	< 25
Surrogate:					
***1-Chlorooctadecane (Aliphatic)	59.0	65.4	40-130	10.3	< 25
***p-Terphenyl (Aromatic)	77.2	77.6	40-130	0.52	< 25
Fractionation Surrogate:					
***2-Bromonaphthalene	159	128	40-140	21.6	< 25

FRACTIONATION CHECKS	STANDARD (pass/fail)	COLUMN LOT NO.	LCS % in Aliphatic	LCSD % in Aliphatic	Acceptance Limit
Cartridge check	pass	S212-16			
Naphthalene			0.0	0.0	< 5
2-Methylnaphthalene			0.0	0.0	< 5

WHITE COPY - Original YELLOW COPY - Lab Files PINK COPY - Project Manager

W.O. # 0602-00108
(for lab use only)

CHAIN-OF-CUSTODY RECORD

Sample I.D.	Date/Time Sampled (Very Important)	Matrix A=Air S=Soil GW=Ground W. SW=Surface W. WW=Waste W. DW=Drinking W. Other (specify)	pH Cond.	GC Screen (VOA)	524.2 502.2	624 (WW ONLY)	601 602 (WW ONLY)	625 (WW ONLY)	Formaldehyde (WW ONLY)	8260 (ANALYSIS REQUIRED)	8021	8021 - "8010" List	8021 "8020" List	8270 Full PAH BN	8082-PCBs Only	8081 - Pest Only	TPH-GC (Mod. 8100)	TPH-GC w/FING	EPH (MA DEP)	VPH (MA DEP)	TCLP (Spec. Below)	Filtering (✓ if requested)	Metals PPM-13 R-8	Metals (List Below)	Cyanide (335.x)	TSS (160.2)	Residual chlorine (330.5)	Total # of Cont.	Note #
Influent	2/15/06 11:20	GW								X									X									4	1
Midfluent	2/15/06 11:25	GW								X									X									4	1
Effluent	2/15/06 11:30	GW								X				X	X			X					X	■	X	X	X	13	1,2,3
PRESERVATIVE (Cl - HCl, M=MeOH, N - HNO3, S - H2SO4, Na - NaOH, O - Other)*										Cl								S	Cl				N		NA				
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)*										G				G				G	G				P		P	P	P		

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Steph A Caracciolo	2/15/06 4:00pm	[signature] 2/16/06
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	2/16/06 4:20am	[signature] 0822
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature] 2/16/06 0858		[signature] 2/16/06 0900

PROJECT MANAGER: Jason Atwood EXT. 6007

DATA REPORT ☑PDF (Adobe) ☐ASCII ☑EXCEL Specify State MA

GZA GEOENVIRONMENTAL, INC.
ENGINEERS AND SCIENTISTS
106 South Street
Hopkinton, MA 01748
(508) 435-9244
FAX (508) 435-9912

NOTES: Preservatives, special reporting limits, known contamination, additional testing parameters, etc.:

(1) 8260 B - MTBE & BTEX ONLY
(2) TPH by 1664
(3) PCB's by 1668
(4) Metals: Antimony, Arsenic, Cadmium, Chromium 3, Chromium VI, Copper, Lead, Nickel, Selenium, Silver, Zinc, Iron, Mercury

Hex-Chrom out of hold time 2/16/06 LG

TURNAROUND TIME: Standard Rush___ Days, Approved by: 2/17 LG

LAB USE: TEMP. OF COOLER -1.4 °C

GZA Quote #: 11306 2/16/06 0900 LG

TMC
GZA FILE NO: 1006-056 / 09.0018839.00 PO NO.

PROJECT Beachmont School

LOCATION 15 Everard St, Revere, MA

COLLECTOR(S) Steve Caracciolo SHEET 1 OF 1

GZAP003

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
(781) 278-4700

Laboratory Identification Numbers:
MA and ME: MA092 NH: 2028
CT: PH0579 RI: LAO00236
NELAC - NYS DOH: 11063

ANALYTICAL REPORT

TMC Services, Inc.
One William Way
Bellingham, MA 02019

Mr. Dean Soultanian

Project No.: 08.0018838.00
Work Order No.: 0602-00124
Date Received: 02/21/2006
Date Reported: 02/22/2006

SAMPLE INFORMATION

Date Sampled	Matrix	Laboratory ID	Sample ID
02/21/2006	Aqueous	0602-00124 001	Effluent

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
(781) 278-4700

ANALYTICAL REPORT

TMC Services, Inc.
One William Way
Bellingham, MA 02019

Mr. Dean Soultanian

Project Name.: **Laboratory Testing**
Project No.: **08.0018838.00**

Date Received: **02/21/2006**
Date Reported: **02/22/2006**
Work Order No.: **0602-00124**

PROJECT NARRATIVE:

1. Sample Receipt

The samples were received on 02/21/06 via __GZA courier, __EC, __FEDEX, or _x__hand delivered. The temperature of the __temperature blank/_x_cooler air, was 2.1 degrees C. The samples were received intact for all requested analyses.

The samples were appropriately preserved in accordance with the method they reference.

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
(781) 278-4700

ANALYTICAL REPORT

TMC Services, Inc.
One William Way
Bellingham, MA 02019

Mr. Dean Soultanian

Project Name.: **Laboratory Testing**
Project No.: **08.0018838.00**

Date Received: **02/21/2006**
Date Reported: **02/22/2006**
Work Order No.: **0602-00124**

Data Authorized By:

NELAC certification, as indicated by the NELAC Lab ID Number, is per analyte. For a complete list of NELAC validated analytes, please contact the laboratory.

Abbreviations:
% R = % Recovery
DF = Dilution Factor
DFS = Dilution Factor Solids
DO = Diluted Out

Method Key:
Method 8260: The current version of the method is 8260B.
Method 8021: The current version of the method is 8021B.
Method 8270: The current version of the method is 8270C.
Method 6010: The current version of the method is 6010B.

Please note that the laboratory signed copy of the chain of custody record is an integral part of the data report.

Soil data is reported on a dry weight basis unless otherwise specified.

Matrix Spike / Matrix Spike Duplicate sets are performed as per method and are reported at the end of the analytical report if assigned on the Chain of Custody.

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W.O. # 0602-00124 (for lab use only)

CHAIN-OF-CUSTODY RECORD

Sample I.D.	Date/Time Sampled (Very Important)	Matrix A=Air S=Soil GW=Ground W. SW=Surface W. WW=Waste W. DW=Drinking W. Other (specify)	WW ONLY: Diss. Oil&Grease (HEM)	WW ONLY: GC Screen (VOA)	WW ONLY: CBNS 2 CBNS 8	WW ONLY: 624	WW ONLY: CBS1 CBS2	WW ONLY: 625	WW ONLY: Pyrene/Naphth.	ANALYSIS REQUIRED: 8260	8021	8021 - "BTEX" List	8021 "8260" List	8270 CBT+SBNAN CBNS	8082-PCBs Only	8081 - Pest Only	TPH-GRO (Mod. 8015)	TPH-DRO w/Silica	EPH (MA DEP)	VPH (MA DEP)	TCLP (Waste Below)	Filtering (✓if requested)	Metals CBNS+10 CBNS	Metals (List Below)					Total # of Cont.	Note #
Effluent	2/21/06 12:00	GW																						2					1	1
PRESERVATIVE (Cl - HCl, M=MeOH, N - HNO3, S - H2SO4, Na - NaOH, O - Other)*																														
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)*																														

RELINQUISHED BY: DATE/TIME 2/21/06 RECEIVED BY: 2/21/06

RELINQUISHED BY: DATE/TIME 2/21/06 1305 RECEIVED BY: 2/21/06 1330

RELINQUISHED BY: DATE/TIME RECEIVED BY:

NOTES: Preservatives, special reporting limits, known contamination, additional testing parameters, etc.:

(1) Chromium VI

PROJECT MANAGER: Jason Atwood EXT. 6007

DATA REPORT ☑ PDF (Adobe) ☐ ASCII ☐ EXCEL Specify State

GZA GeoENVIRONMENTAL, INC.
ENGINEERS AND SCIENTISTS
106 South Street
Hopkinton, MA 01748
(508) 435-9244
FAX (508) 435-9912

LAB USE:

TURNAROUND TIME: Standard Rush ___ Days, Approved by: ___ TEMP. OF COOLER 2.1 °C 0573

TNC GZA FILE NO: 1006-056/08.00 P.O. NO. 21731 12

PROJECT ECS Revere

LOCATION Effluent

COLLECTOR(S) JA SHEET 1 OF 1

2/21/06

GZAP003

ENO RIVER LABS

Prepared for: GZA Laboratories
Reference ID: 08.0018838.00-Beachmont School

Project Summary 66227
Method 1668A
Concentrations shown in pg/L

Analytes	BLANK	EFFLUENT
DecaCB (#209)	< 145	< 289
Total MonoCB	< 17.4	< 27.1
Total DiCB	< 8.1	< 14.8
Total TriCB	< 13.1	< 25.4
Total TetraCB	< 33.6	< 62.3
Total PentaCB	[201]	[313]
Total HexaCB	[346]	[723]
Total HeptaCB	118	[311]
Total OctaCB	< 49.9	< 107
Total NonaCB	< 128	< 276
Extraction Date	2/24/2006	2/24/2006
Analysis Date	3/28/2006	3/29/2006
Primary Filename	W011412	W011413
Confirm Filename	N/A	N/A
Dilution Filename	N/A	N/A

Data Flag Descriptions:
< Not detected -Sample Specific Detection Limits reported
[..] EMPC Value
B Analyte detected in Blank
C Value reported from Confirmatory Analysis
D Value reported from Dilution Analysis
E Estimated Value - Above Calibration Range
J Estimated Value- Below Calibration Range
N/A Not Applicable
Q Quantitative Interference Present
S Analyte saturated
X Interference from Diphenyl Ethers

2445 S. Alston Avenue, Durham NC 27713 ● 919-281-4040 ● FAX 919-281-4070 ● www.enoriverlabs.com

CASE NARRATIVE

Analysis of Samples for the Presence of

Polychlorinated Biphenyls by

High-Resolution Chromatography / High-Resolution Mass Spectrometry

by

Enhanced 1668A

Date:	March 29, 2006
Client ID:	GZA Laboratories
P.O. Number:	8-28523
Project Number:	66227

Overview

The sample was extracted and analyzed by enhanced procedures for EPA Method 1668A. Any particular difficulties encountered during the sample handling by the laboratory will be discussed in the QC remark section below. This report contains results from only the 1668A PCB analysis of the water sample.

Quality Control Samples

Laboratory method blanks are prepared along with each batch of samples.

A laboratory control spike (LCS) sample was extracted and analyzed along with the sample. A report summarizing the analyte recoveries for this sample is included in the data package.

Quality Control Remarks

The release of this particular set of GZA Laboratories analytical data by Eno River Labs, LLC was authorized by the Quality Control Chemist who has reviewed each sample data package individually following a series of inspections/reviews. When applicable, general deviations from acceptable QC requirements are identified below. Specific QC problems associated with this particular project are:

Sample Receipt: One water sample was received from GZA Laboratories in good condition on February 20, 2006 at 5°C and stored in a refrigerator at 4°C

Sample Preparation Laboratory: : None

Mass Spectrometry: None

Data Review: No target analytes were detected in the method blank above one-tenth of the levels found in the associated samples.

EMPC stands for Estimated Maximum Possible Concentration. An analyte is quantitated as an EMPC when the detected analyte meets the retention time criteria of a PCB, dioxin, or furan, but not the isotopic ratio criteria. Interferences may co-elute or cause quantitative interference, causing the peak ratio to be outside criteria. Low level peaks that are close to the detection limits can be significantly affected by instrument and chemical noise causing the ratio to be outside criteria. As a result, the reported value(s) should be considered estimated at the highest level possible.

By our interpretation, the analytical results in this project are valid based on the guidelines of enhanced procedures for EPA Method 1668A. Any exceptions have been discussed in the QC Remarks section of this case narrative with emphasis on their effect on the results. Should GZA Laboratories have any questions or comments regarding this data package, please feel free to contact customer service at (919)281-4013.

Released By,

Kenneth Varley

Report Preparation Chemist
For Eno River Labs, LLC

The total number of pages in this data package is : ____

Data Flags

In order to assist with data interpretation, data qualifier flags are used on the final reports. Please note that all data qualifier flags are subjective and are applied as consistently as possible. Each flag has been reviewed by two independent Chemists and the impact of the data qualifier flag on the quality of the data discussed above. The most commonly used flags are:

A 'B' flag is used to indicate that an analyte has been detected in the laboratory method blank as well as in an associated field sample. This flag denotes possible contribution of background laboratory contamination to the concentration or amount of that analyte detected in the field sample.

An 'E' flag is used to indicate a concentration based on an analyte to internal standard ratio which exceeds the range of the calibration curve. Values which are outside the calibration curve are estimates only.

An 'I' flag is used to indicate labeled standards have been interfered with on the GC column by coeluting, interferent peaks. The interference may have caused the standard's area to be overestimated. All quantitations relative to this standard, therefore, may be underestimated.

A 'J' flag is used to indicate a concentration based on an analyte to internal standard ratio which is below the calibration curve. Values which are outside the calibration curve are estimates only.

A 'PR' flag is used to indicate that a GC peak is poorly resolved. This resolution problem may be seen as two closely eluting peaks without a reasonable valley between the peak tops, overly broad peaks, or peaks whose shapes vary greatly from a normal distribution. The concentrations or amounts reported for such peaks are most likely overestimated.

A 'Q' flag is used to indicate the presence of QC ion instabilities caused by quantitative interferences.

An 'RO' flag is used to indicate that a labeled standard has an ion abundance ratio that is outside of the acceptable QC limits, most likely due to a coeluting interference. This may have caused the percent recovery of the standard to be overestimated. All quantitations versus this standard, therefore, may be underestimated.

An 'S' flag indicates that the response of a specific isomer has exceeded the normal dynamic range of the mass spectrometer detection system. The corresponding signal is saturated and the reported analyte concentration is a 'minimum estimate'. When the 'S' qualifier is used in the reporting of 'totals', there is saturation of one (not necessarily from

a specific isomer) or more saturated signals for a given class of compounds. Results for saturated analytes are reported as greater than the upper calibration limit.

A 'U' flag is used to indicate that a specific isomer cannot be resolved from a large, co-eluting interferent GC peak. The specific isomer is reported as not detected as a valid concentration cannot be determined. The calculated detection limit, therefore, should be considered an underestimated value.

A 'V' flag is used to indicate that, although the percent recovery of a labeled standard may be below a specific QC limit, the signal-to-noise ratio of the peak is greater than ten-to-one. The standard is considered reliably quantifiable. All quantitations derived from the standard are considered valid as well.

An 'X' flag is used to indicate that a polychlorodibenzofuran (PCDF) peak has eluted at the same time as the associated diphenyl ether (DPE) and that the DPE peak intensity is at least ten percent of the total PCDF peak intensity. Total PCDF values are flagged 'X' if the total DPE contribution to the total PCDF value is greater than ten percent. All PCDF peaks that are significantly influenced by the presence of DPE peaks are either reported as "estimated maximum possible concentration (EMPC) values without regard to the isotopic abundance ratio, or are included in the detection limit value depending on the analytical method.

ENO RIVER LABS, LLC
LAB CONTROL SPIKE RECOVERY ANALYSIS

Project: 66227
Matrix: WATER
Method: PCB5

Isomer	W011412 ID: BLANK Sample (pg/l)	W011414 ID: LCS With Spike (pg/l)	Percent Recovery
Tetra PCB #81	ND	11280	113
Tetra PCB #77	ND	11740	117
Penta PCB #123	ND	9050	90.5
Penta PCB #118	[64.3]	9080	90.2
Penta PCB #114	ND	8960	89.6
Penta PCB #105	ND	10010	100
Penta PCB #126	ND	10180	102
Hexa PCB #167	ND	9150	91.5
Hexa PCB #156	ND	9600	96.0
Hexa PCB #157	ND	9410	94.1
Hexa PCB #169	ND	10150	101
Hepta PCB #189	ND	11380	114

ND: Not Detected
NA: Not Applicable
[..]: EMPC Value

MILES 4.22.39
GRY_PSUM v1.12

Processed By: _____ Date: 03/29/06

ENO RIVER LABS

SAMPLE DATA

2445 S. Alston Avenue, Durham NC 27713 ● 919-281-4040 ● FAX 919-281-4070 ● www.enoriverlabs.com

Lab Project: 66227 Enhanced 1668A Polychlorinated Biphenyls Analysis
Client Sample: BLANK Analysis File: W011412

Client Project:	08.0018838.00-Beachmont School				
Sample Matrix:	WATER	Date Received:	/ /	Spike File:	SPPCB81S
Lab ID:	BLANK	Date Extracted:	02/24/2006	ICal:	WP53286
		Date Analyzed:	03/28/2006	ConCal:	W011404
Sample Size:	1.000 L	Dilution Factor:	n/a	% Moisture:	n/a
Dry Weight:	n/a	Blank File:	W011412	% Lipid:	n/a
GC Column:	DB-35	Analyst:	JSY	% Solids:	n/a

DecaCB (#209)	ND		145		—
Total MonoCB	ND		17.4		—
Total DiCB	ND		8.1		—
Total TriCB	ND		13.1		—
Total TetraCB	ND		33.6		—
Total PentaCB	136	1		201	—
Total HexaCB	260	2		346	—
Total HeptaCB	118	1			—
Total OctaCB	ND		49.9		—
Total NonaCB	ND		128		—

$^{13}C_6$-4-MonoCB (#3)	1150	46.0	25%-150%	2.90	7:37	—
$^{13}C_{12}$-4,4'-DiCB (#15)	2640	52.9	25%-150%	1.52	10:16	—
$^{13}C_{12}$-2,4,4'-TriCB (#28)	5440	54.4	25%-150%	1.00	11:20	—
$^{13}C_{12}$-3,3',4,4'-TetraCB (#77)	7630	76.3	25%-150%	0.76	17:23	—
$^{13}C_{12}$-3,3',4,4',5-PentaCB (#126)	6290	62.9	25%-150%	0.59	20:49	—
$^{13}C_{12}$-3,3',4,4',5,5'-HexaCB (#169)	7200	72.0	25%-150%	1.20	24:08	—
$^{13}C_{12}$-2,2',3,4,4',5,5'-HeptaCB (#180)	6590	65.9	25%-150%	0.99	22:42	—
$^{13}C_{12}$-2,2',3,3',4,4',5,5'-OctaCB (#194)	7720	77.2	25%-150%	0.84	27:39	—
$^{13}C_{12}$-DecaCB (#209)	14780	73.9	25%-150%	1.16	31:58	—

$^{13}C_{12}$-2,2',4,4',5,5'-HexaCB (#153)	6140	61.4	25%-150%	1.22	18:29	—

$^{13}C_{12}$-3,3',5,5'-TetraCB (#80)				0.74	14:08	—
$^{13}C_{12}$-2,2',3,3',4,4'-HexaCB (#128)				1.18	21:46	—

Data Reviewer: _____ 03/29/2006

PCB5_PSR v1.01, LARS 6.26.01d

Eno River Labs, LLC®
2445 S. Alston Ave. • Durham, North Carolina 27713
Phone: (919) 281-4040 • Fax: (919) 281-4070

Printed: 18:22 03/29/2006

Lab Project: 66227 Enhanced 1668A Polychlorinated Biphenyls Analysis
Client Sample: EFFLUENT Analysis File: W011413

Client Project:	08.0018838.00-Beachmont School				
Sample Matrix:	WATER	Date Received:	02/20/2006	Spike File:	SPPCB81S
Lab ID:	414-50-1A	Date Extracted:	02/24/2006	ICal:	WP53286
		Date Analyzed:	03/29/2006	ConCal:	W011404
Sample Size:	0.480 L	Dilution Factor:	n/a	% Moisture:	n/a
Dry Weight:	n/a	Blank File:	W011412	% Lipid:	n/a
GC Column:	DB-35	Analyst:	JSY	% Solids:	n/a

DecaCB (#209)	ND		289		—
Total MonoCB	ND		27.1		—
Total DiCB	ND		14.8		—
Total TriCB	ND		25.4		—
Total TetraCB	ND		62.3		—
Total PentaCB	102	1		313	—
Total HexaCB	409	2		723	—
Total HeptaCB	206	1		311	—
Total OctaCB	ND		107		—
Total NonaCB	ND		276		—

$^{13}C_6$-4-MonoCB (#3)	2960	56.8	25%-150%	3.12	7:37	—
$^{13}C_{12}$-4,4'-DiCB (#15)	6530	62.6	25%-150%	1.52	10:16	—
$^{13}C_{12}$-2,4,4'-TriCB (#28)	12510	60.1	25%-150%	1.02	11:19	—
$^{13}C_{12}$-3,3',4,4'-TetraCB (#77)	17200	82.5	25%-150%	0.75	17:23	—
$^{13}C_{12}$-3,3',4,4',5-PentaCB (#126)	14150	67.9	25%-150%	0.58	20:48	—
$^{13}C_{12}$-2,2',3,4,4',5'-HexaCB (#138)	14610	70.1	25%-150%	1.18	20:06	—
$^{13}C_{12}$-3,3',4,4',5,5'-HexaCB (#169)	16520	79.3	25%-150%	1.17	24:07	—
$^{13}C_{12}$-2,2',3,4,4',5,5'-HeptaCB (#180)	15240	73.2	25%-150%	1.03	22:42	—
$^{13}C_{12}$-2,2',3,3',4,4',5,5'-OctaCB (#194)	17970	86.3	25%-150%	0.82	27:39	—
$^{13}C_{12}$-DecaCB (#209)	35290	84.7	25%-150%	1.17	31:57	—

$^{13}C_{12}$-2,2',4,4',5,5'-HexaCB (#153)	14260	68.4	25%-150%	1.19	18:29	—

PCB5_PSR v1.01, LARS 6.26.01d

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Printed: 18:22 03/29/2006

Lab Project: 66227 Enhanced 1668A Polychlorinated Biphenyls Analysis
Client Sample: EFFLUENT Analysis File: W011413

$^{13}C_{12}$-3,3',5,5'-TetraCB (#80)	0.74	14:08	___
$^{13}C_{12}$-2,2',3,3',4,4'-HexaCB (#128)	1.21	21:47	___

Data Reviewer: _____ 03/29/2006

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Lab Project: 66227 Enhanced 1668A Polychlorinated Biphenyls Analysis
Client Sample: LCS Analysis File: W011414

Client Project:	08.0018838.00-Beachmont School				
Sample Matrix:	WATER	Date Received:	/ /	Spike File:	SPPCB81S
Lab ID:	LCS	Date Extracted:	02/24/2006	ICal:	WP53286
		Date Analyzed:	03/29/2006	ConCal:	W011404
Sample Size:	1.000 L	Dilution Factor:	n/a	% Moisture:	n/a
Dry Weight:	n/a	Blank File:	W011412	% Lipid:	n/a
GC Column:	DB-35	Analyst:	JSY	% Solids:	n/a

3,4,4',5-TetraCB (#81)	11280			0.71	16:53
3,3',4,4'-TetraCB (#77)	11740			0.71	17:24
2',3,4,4',5-PentaCB (#123)	9050			0.60	17:50
2,3',4,4',5-PentaCB (#118)	9080			0.59	18:00
2,3,4,4',5-PentaCB (#114)	8960			0.60	18:41
2,3,3',4,4'-PentaCB (#105)	10010			0.60	19:33
3,3',4,4',5-PentaCB (#126)	10180			0.64	20:50
2,3',4,4',5,5'-HexaCB (#167)	9150			1.14	21:08
2,3,3',4,4',5-HexaCB (#156)	9600			1.13	22:31
2,3,3',4,4',5'-HexaCB (#157)	9410			1.10	22:49
3,3',4,4',5,5'-HexaCB (#169)	10150			1.16	24:09
2,3,3',4,4',5,5'-HeptaCB (#189)	11380			1.04	25:52

$^{13}C_{12}$-3,3',4,4'-TetraCB (#77)	8300	83.0	25%-150%	0.77	17:23
$^{13}C_{12}$-3,3',4,4',5-PentaCB (#126)	7010	70.1	25%-150%	0.58	20:48
$^{13}C_{12}$-3,3',4,4',5,5'-HexaCB (#169)	8370	83.7	25%-150%	1.20	24:08
$^{13}C_{12}$-2,2',3,4,4',5,5'-HeptaCB (#180)	7820	78.2	25%-150%	1.00	22:42

$^{13}C_{12}$-2,2',4,4',5,5'-HexaCB (#153)	6650	66.5	25%-150%	1.16	18:29

$^{13}C_{12}$-3,3',5,5'-TetraCB (#80)				0.73	14:08
$^{13}C_{12}$-2,2',3,3',4,4'-HexaCB (#128)				1.22	21:46

Data Reviewer: _____ 03/29/2006

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Printed: 18:23 03/29/2006

Date: 03/28/2006 Eno River Labs, LLC

Continuing Calibration for W011404

Analysis Date....: 03/28/2006 Method.....: PCB5
Operator.....: JSY Instrument..: W
Init Calibration.: WP53286 Std.Conc....: 20.00
ICal Date.....: 03/28/2006

Analyte Summary

Name	RF	Ratio 1&2	RT Lo/High	RT	Rel. RT	ICal RF	Delta RF	%D
Mono PCB #1	0.899	3.15	6:41 7:48	6:51	0.8990	0.877	0.022	2.5%
TOTAL MONO	0.899	3.15				0.877	0.022	2.5%
Di PCB #8	1.023	1.52	7:52 10:28	8:57	0.8706	1.170	-0.147	-12.5%
Di PCB #15	1.005	1.52		10:17	1.0000	1.181	-0.176	-14.9%
TOTAL DI	2.029	1.52				2.351	-0.322	-13.7%
Tri PCB #18	0.648	0.99	9:14 13:46	9:57	0.8782	0.692	-0.044	-6.3%
Tri PCB #28	1.085	0.98		11:21	1.0018	1.215	-0.130	-10.7%
TOTAL TRI	1.733	0.98				1.907	-0.174	-9.1%
Tetra PCB #52	1.283	0.66	11:04 17:36	12:16	1.0016	1.391	-0.108	-7.8%
Tetra PCB #49	1.201	0.66		12:25	1.0139	1.319	-0.118	-8.9%
Tetra PCB #44	1.030	0.67		13:11	1.0759	1.133	-0.103	-9.1%
Tetra PCB #70	1.474	0.64***		13:51	1.1306	1.650	-0.176	-10.6%
Tetra PCB #66	1.398	0.66		14:42	1.2000	1.571	-0.173	-11.0%
Tetra PCB #81	0.969	0.68		16:54	0.9713	1.069	-0.100	-9.3%
Tetra PCB #77	1.023	0.68		17:25	1.0011	1.135	-0.112	-9.9%
TOTAL TETRA	1.197	0.67				1.324	-0.127	-9.6%
Penta PCB #101	1.150	0.56	12:42 21:01	15:14	1.0020	1.300	-0.150	-11.5%
Penta PCB #87	0.934	0.57		16:41	1.0974	1.046	-0.112	-10.7%
Penta PCB #110	1.328	0.56		17:06	1.1250	1.509	-0.181	-12.0%
Penta PCB #123	1.029	0.62		17:51	0.8573	1.108	-0.079	-7.1%
Penta PCB #118	1.082	0.63		18:01	0.8655	1.201	-0.119	-9.9%
Penta PCB #114	0.999	0.62		18:42	0.8982	1.099	-0.100	-9.1%

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Continuing Calibration for W011404

Penta PCB #105	0.943	0.64		19:34	0.9400	1.068	-0.125	-11.7%
Penta PCB #126	0.871	0.63		20:50	1.0005	1.011	-0.140	-13.9%
TOTAL PENTA	1.042	0.61				1.168	-0.126	-10.8%
Hexa PCB #153	1.208	1.14	14:27 24:21	18:31	0.9200	1.338	-0.130	-9.7%
Hexa PCB #138	0.979	1.16		20:09	1.0010	1.109	-0.130	-11.7%
Hexa PCB #167	1.117	1.09		21:09	0.8758	1.298	-0.181	-13.9%
Hexa PCB #128	0.763	1.09		21:49	1.0840	0.869	-0.106	-12.2%
Hexa PCB #156	1.065	1.12		22:31	0.9325	1.216	-0.151	-12.4%
Hexa PCB #157	1.105	1.19		22:51	0.9462	1.273	-0.168	-13.2%
Hexa PCB #169	0.857	1.16		24:11	1.0012	0.982	-0.125	-12.7%
TOTAL HEXA	1.014	1.14				1.155	-0.141	-12.2%
Hepta PCB #184	2.169	0.99	17:59 26:04	18:27	0.8121	2.392	-0.223	-9.3%
Hepta PCB #187	1.240	1.00		20:21	0.8957	1.422	-0.182	-12.8%
Hepta PCB #183	1.304	0.98		20:36	0.9067	1.524	-0.220	-14.4%
Hepta PCB #180	0.962	0.98		22:44	1.0004	1.135	-0.173	-15.3%
Hepta PCB #170	1.010	1.05		24:36	1.0827	1.142	-0.132	-11.6%
Hepta PCB #189	1.237	1.06		25:53	1.1391	1.394	-0.157	-11.3%
TOTAL HEPTA	1.584	1.01				1.802	-0.218	-12.1%
Octa PCB #195	1.084	0.84	21:28 27:52	26:55	0.9725	1.221	-0.137	-11.2%
Octa PCB #194	0.913	0.82		27:42	1.0007	1.032	-0.119	-11.6%
TOTAL OCTA	1.997	0.83				2.252	-0.255	-11.3%
Nona PCB #206	0.765	0.72	25:44 30:05	29:54	1.0802	0.876	-0.111	-12.7%
TOTAL NONA	0.765	0.72				0.876	-0.111	-12.7%
Deca PCB #209	1.095	1.10	31:51 32:11	32:02	1.0009	1.256	-0.161	-12.8%

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Date: 03/28/2006 Eno River Labs, LLC

Continuing Calibration for W011404

Other Standard Summary

Name	RF	Ratio 1&2	RT Lo/High	RT	Rel. RT	ICal RF	Delta RF	%D
13C12 PCB #60	0.923	0.77	11:15 18:15	15:40	0.9006	0.936	-0.013	-1.3%
13C12 PCB #153	1.498	1.20	17:09 25:09	18:31	0.7669	1.469	0.029	2.0%
13C12 PCB #202	0.746	0.85	20:41 28:41	21:37	0.7811	0.749	-0.003	-0.4%

Internal Standard Summary

Name	RF	Ratio 1&2	RT Lo/High	RT	Rel. RT	ICal RF	Delta RF	%D
13C6 PCB #3	1.704	3.01	6:37 8:37	7:37	1.0000	1.978	-0.274	-13.8%
13C12 PCB #15	1.718	1.50	9:17 11:17	10:17	1.0000	1.638	0.080	4.9%
13C12 PCB #28	1.320	1.04	10:20 12:20	11:20	1.0000	1.297	0.023	1.8%
13C12 PCB #52	0.801	0.77	11:15 18:15	12:15	1.0000	0.792	0.009	1.2%
13C12 PCB #77	0.821	0.74		17:24	1.0000	0.862	-0.041	-4.7%
13C12 PCB #101	0.981	0.62	14:12 21:12	15:12	1.0000	0.994	-0.013	-1.3%
13C12 PCB #126	1.653	0.59		20:49	1.0000	1.728	-0.075	-4.4%
13C12 PCB #138	1.326	1.21	17:09 25:09	20:08	1.0000	1.321	0.005	0.4%
13C12 PCB #169	1.161	1.22		24:09	1.0000	1.181	-0.020	-1.7%
13C12 PCB #180	0.790	1.03	21:43 23:43	22:43	1.0000	0.823	-0.033	-4.0%
13C12 PCB #194	0.582	0.84	20:41 28:41	27:41	1.0000	0.603	-0.021	-3.4%
13C12 PCB #209	0.503	1.18	31:00 33:00	32:00	1.0000	0.527	-0.024	-4.5%

Recovery Standard Summary

Name	RF	Ratio 1&2	RT Lo/High	RT	Rel. RT	ICal RF	Delta RF	%D
13C12 PCB #80	1.000	0.76	11:15 18:15	14:09	0.8132	1.000	0.000	0.0%
13C12 PCB #128	1.000	1.15	17:09 25:09	21:48	0.9027	1.000	0.000	0.0%

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Compound/ M_Z....	..RT.	OK	Ratio	Total.Area...	Area.Peak.1..	Area.Peak.2..	Rel.RT	Compound.Name..	ID..
Mono PCB	2.62-3.54								
188-190	6:51		3.15	1,663.26	1,262.43	400.83	0.899	Mono PCB #1	AN
188-190			1 Peak						
13C6-Mono PCB	2.62-3.54								
194-196	7:37		3.01	2,313.49	1,736.06	577.43	1.000	13C6 PCB #3	IS0
194-196			1 Peak						
---------- Above: Mono PCB / Di PCB Follows ----------									
Di PCB	1.31-1.77								
222-224	8:57		1.52	1,908.85	1,150.37	758.48	0.871	Di PCB #8	AN
	10:17		1.52	1,874.98	1,131.17	743.81	1.000	Di PCB #15	AN
222-224			2 Peaks						
13C12-Di PCB	1.31-1.77								
234-236	10:17		1.50	4,662.98	2,794.90	1,868.08	1.000	13C12 PCB #15	IS1
234-236			1 Peak						
---------- Above: Di PCB / Tri PCB Follows ----------									
Tri PCB	0.88-1.18								
256-258	9:57		0.99	928.93	462.93	466.00	0.878	Tri PCB #18	AN
	11:21		0.98	1,554.60	768.04	786.56	1.002	Tri PCB #28	AN
256-258			2 Peaks						
13C12-Tri PCB	0.88-1.18								
268-270	11:20		1.04	7,166.48	3,649.55	3,516.93	1.000	13C12 PCB #28	IS2
268-270			1 Peak						
---------- Above: Tri PCB / Tetra PCB Follows ----------									
Tetra PCB	0.65-0.89								
290-292	12:16		0.66	5,579.16	2,222.41	3,356.75	1.002	Tetra PCB #52	AN
	12:25		0.66	5,225.53	2,085.88	3,139.65	1.014	Tetra PCB #49	AN
	13:11		0.67	4,482.59	1,804.03	2,678.56	1.076	Tetra PCB #44	AN
	13:51	RO	0.64	6,413.80	2,510.89	3,902.91	1.131	Tetra PCB #70	AN
	14:42		0.66	6,083.61	2,422.09	3,661.52	1.200	Tetra PCB #66	AN
	16:54		0.68	4,322.84	1,753.64	2,569.20	0.971	Tetra PCB #81	AN
	17:25		0.68	4,562.45	1,847.46	2,714.99	1.001	Tetra PCB #77	AN
290-292			7 Peaks						
13C12-Tetra PCB	0.65-0.89								
302-304	12:15		0.77	4,350.11	1,886.48	2,463.63	1.000	13C12 PCB #52	IS3
	14:09		0.76	5,429.83	2,337.81	3,092.02	0.813	13C12 PCB #80	RS1
	15:40		0.77	5,014.37	2,175.96	2,838.41	0.901	13C12 PCB #60	SUR1
	17:24		0.74	4,459.55	1,898.70	2,560.85	1.000	13C12 PCB #77	IS4
302-304			4 Peaks						
---------- Above: Tetra PCB / Penta PCB Follows ----------									

Compound/ M_Z....	..RT.	OK	Ratio	Total.Area...	Area.Peak.1..	Area.Peak.2..	Rel.RT	Compound.Name..	ID..
Penta PCB	0.52-0.70								
324-326	15:14		0.56	2,531.89	913.97	1,617.92	1.002	Penta PCB #101	AN
	16:41		0.57	2,055.50	743.82	1,311.68	1.097	Penta PCB #87	AN
	17:06		0.56	2,924.83	1,045.56	1,879.27	1.125	Penta PCB #110	AN
	17:51		0.62	3,815.30	1,464.58	2,350.72	0.857	Penta PCB #123	AN
	18:01		0.63	4,012.96	1,544.86	2,468.10	0.866	Penta PCB #118	AN
	18:42		0.62	3,702.99	1,416.22	2,286.77	0.898	Penta PCB #114	AN
	19:34		0.64	3,495.94	1,357.84	2,138.10	0.940	Penta PCB #105	AN
	20:50		0.63	3,228.20	1,241.78	1,986.42	1.001	Penta PCB #126	AN
324-326	8 Peaks								
13C12-Penta PCB	0.52-0.70								
336-338	15:12		0.62	2,201.63	841.97	1,359.66	1.000	13C12 PCB #101	IS5
	20:49		0.59	3,707.65	1,379.04	2,328.61	1.000	13C12 PCB #126	IS6
336-338	2 Peaks								
---------- Above: Penta PCB / Hexa PCB Follows ----------									
Hexa PCB	1.05-1.43								
360-362	18:31		1.14	3,591.52	1,916.77	1,674.75	0.920	Hexa PCB #153	AN
	20:09		1.16	2,911.46	1,561.26	1,350.20	1.001	Hexa PCB #138	AN
	21:09		1.09	2,910.33	1,519.29	1,391.04	0.876	Hexa PCB #167	AN
	21:49		1.09	2,269.91	1,186.21	1,083.70	1.084	Hexa PCB #128	AN
	22:31		1.12	2,774.92	1,464.83	1,310.09	0.933	Hexa PCB #156	AN
	22:51		1.19	2,879.40	1,564.12	1,315.28	0.946	Hexa PCB #157	AN
	24:11		1.16	2,232.93	1,197.99	1,034.94	1.001	Hexa PCB #169	AN
360-362	7 Peaks								
13C12-Hexa PCB	1.05-1.43								
372-374	18:31		1.20	3,361.17	1,835.62	1,525.55	0.767	13C12 PCB #153	ALTS
	20:08		1.21	2,973.72	1,626.59	1,347.13	1.000	13C12 PCB #138	IS7
	21:48		1.15	2,243.24	1,199.67	1,043.57	0.903	13C12 PCB #128	RS2
	24:09		1.22	2,604.77	1,433.65	1,171.12	1.000	13C12 PCB #169	IS8
372-374	4 Peaks								
---------- Above: Hexa PCB / Hepta PCB Follows ----------									
Hepta PCB	0.88-1.20								
394-396	18:27		0.99	3,845.04	1,909.71	1,935.33	0.812	Hepta PCB #184	AN
	20:21		1.00	2,197.37	1,100.32	1,097.05	0.896	Hepta PCB #187	AN
	20:36		0.98	2,311.52	1,143.10	1,168.42	0.907	Hepta PCB #183	AN
	22:44		0.98	1,704.54	841.87	862.67	1.000	Hepta PCB #180	AN
	24:36		1.05	1,789.62	915.69	873.93	1.083	Hepta PCB #170	AN
	25:53		1.06	2,192.59	1,129.45	1,063.14	1.139	Hepta PCB #189	AN
394-396	6 Peaks								
13C12-Hepta PCB	0.88-1.20								
406-408	22:43		1.03	1,772.57	901.37	871.20	1.000	13C12 PCB #180	IS9
406-408	1 Peak								
---------- Above: Hepta PCB / Octa PCB Follows ----------									

Compound/ M_Z....	..RT.	OK	Ratio	Total.Area...	Area.Peak.1..	Area.Peak.2..	Rel.RT	Compound.Name..	ID..
Octa PCB	0.76-1.02								
428-430	26:55		0.84	1,416.04	644.64	771.40	0.973	Octa PCB #195	AN
	27:42		0.82	1,191.84	537.05	654.79	1.001	Octa PCB #194	AN
428-430	2 Peaks								
13C12-Octa PCB	0.76-1.02								
440-442	21:37		0.85	1,672.74	766.79	905.95	0.781	13C12 PCB #202	SUR2
	27:41		0.84	1,306.03	597.41	708.62	1.000	13C12 PCB #194	IS10
440-442	2 Peaks								
---------- Above: Octa PCB / Nona PCB Follows ----------									
Nona PCB	0.66-0.90								
462-464	29:54		0.72	1,997.05	838.68	1,158.37	1.080	Nona PCB #206	AN
462-464	1 Peak								
---------- Above: Nona PCB / Deca PCB Follows ----------									
Deca PCB	1.00-1.36								
498-500	32:02		1.10	2,472.26	1,294.60	1,177.66	1.001	Deca PCB #209	AN
498-500	1 Peak								
13C12-Deca PCB	1.00-1.36								
510-512	32:00		1.18	2,256.83	1,221.56	1,035.27	1.000	13C12 PCB #209	IS11
510	1 Peak								

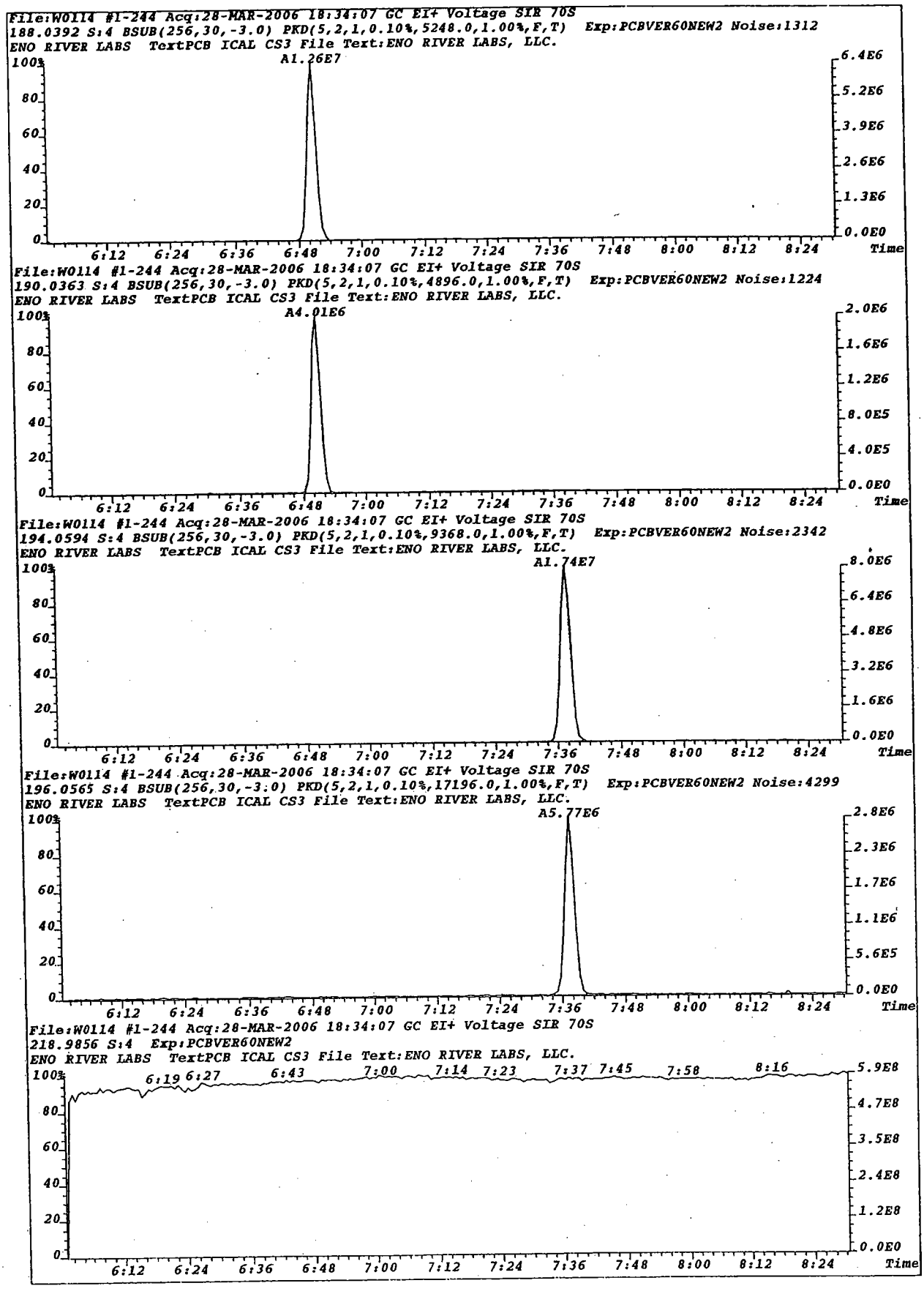
Column Description.....

M_Z - Nominal Ion Mass(es)
..RT. - Retention Time (mm:ss)
Rat.1 - Ratio of M/M+2 Ions
OK - RO=Ratio Outside Limits
Rel.RT - Relative Retention Time

*** End of Report ***

Listing of file: C:\LARS\ICAL\W011404d.dbf

M_Z	RT	RTLOW	RTHIGH
188	6.51	6.41	7.48
194	7.37	6.37	8.37
222	8.57	7.52	10.28
234	10.17	9.17	11.17
256	9.57	9.14	13.46
268	11.20	10.20	12.20
290	12.16	11.04	17.36
302	12.15	11.15	18.15
324	15.14	12.42	21.01
336	15.12	14.12	21.12
360	18.31	14.27	24.21
372	18.31	17.09	25.09
394	18.27	17.59	26.04
406	22.43	21.43	23.43
428	26.55	21.28	27.52
440	21.37	20.41	28.41
462	29.54	25.44	30.05
498	32.02	31.51	32.11
510	32.00	31.00	33.00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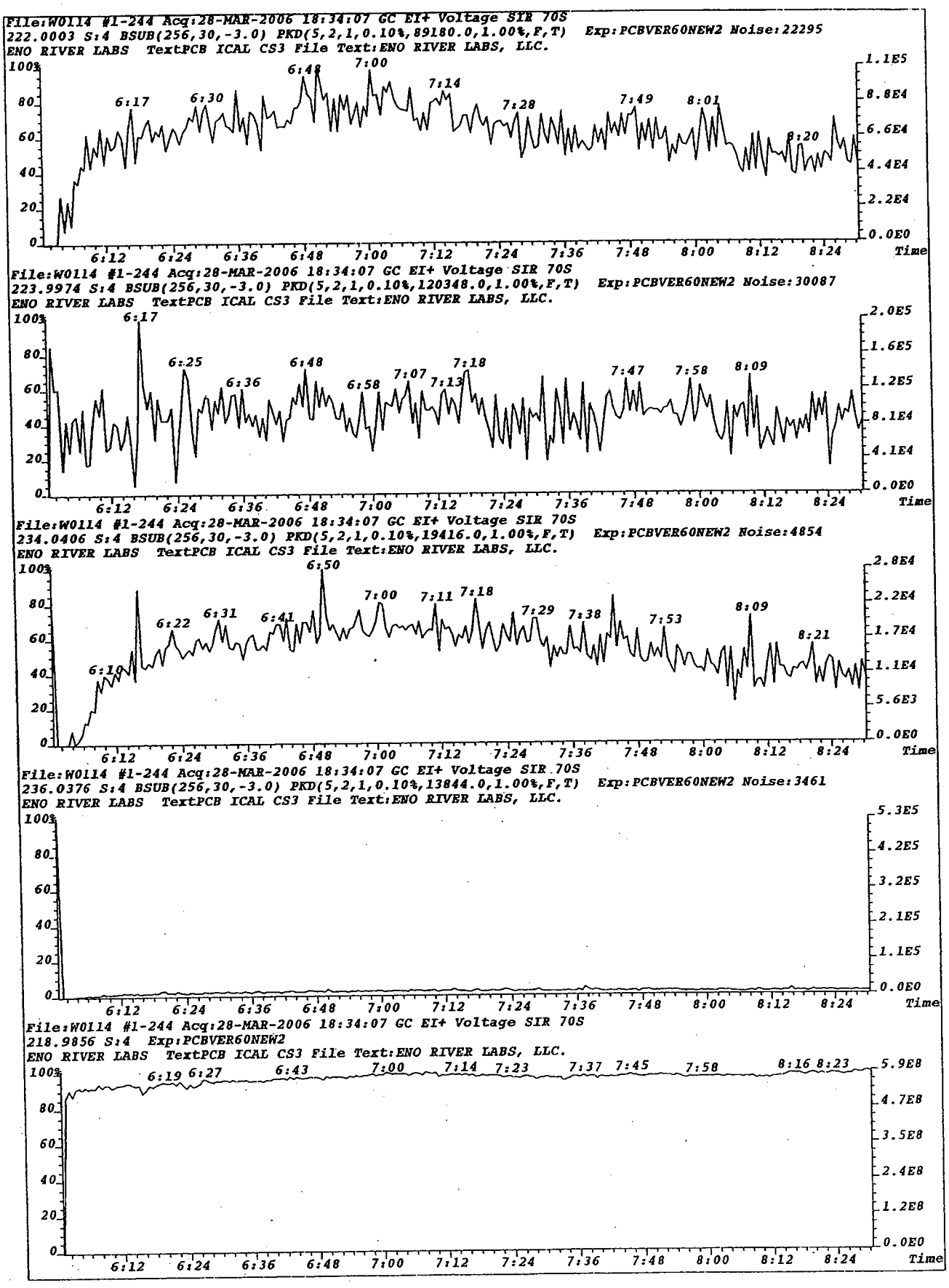
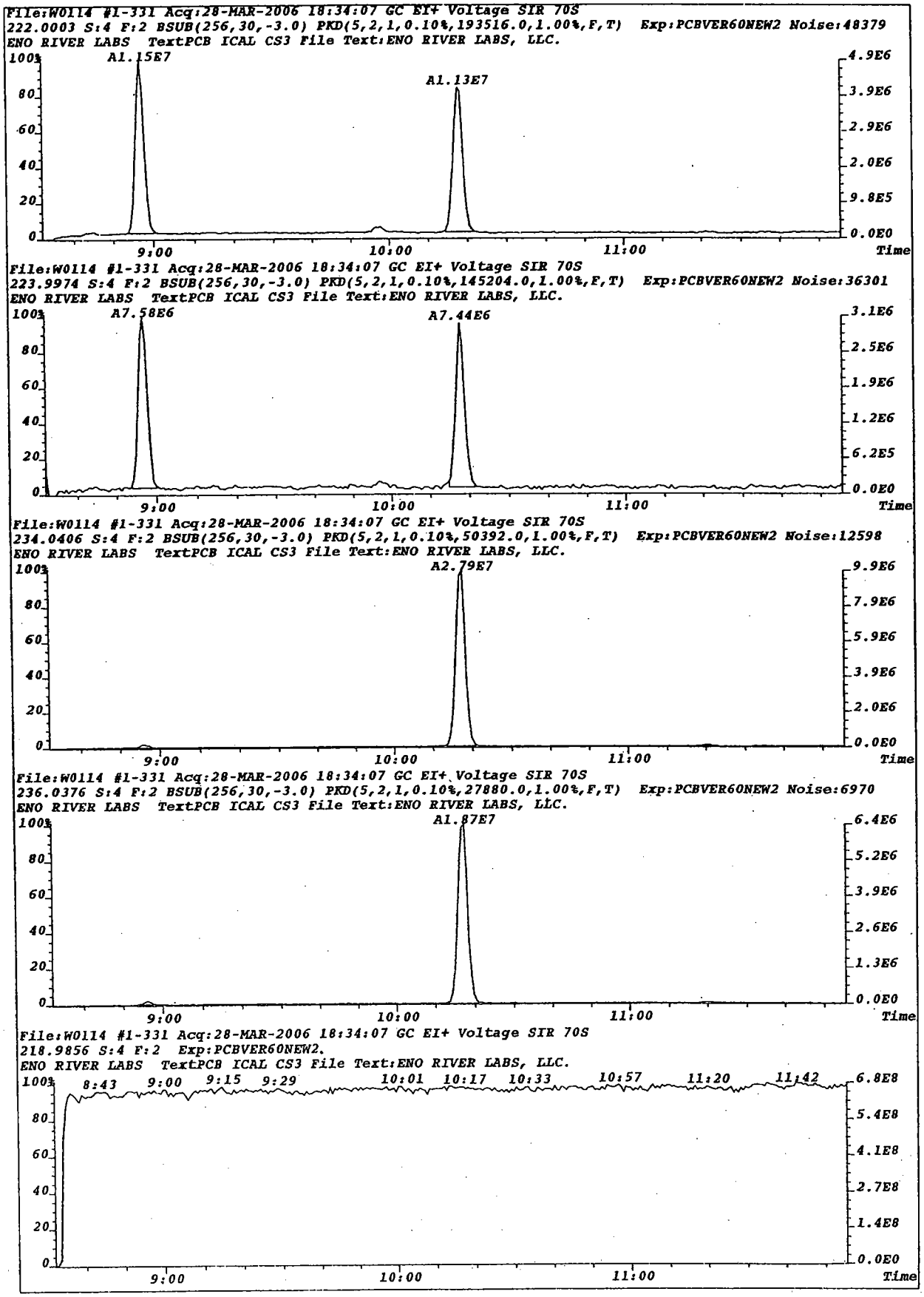
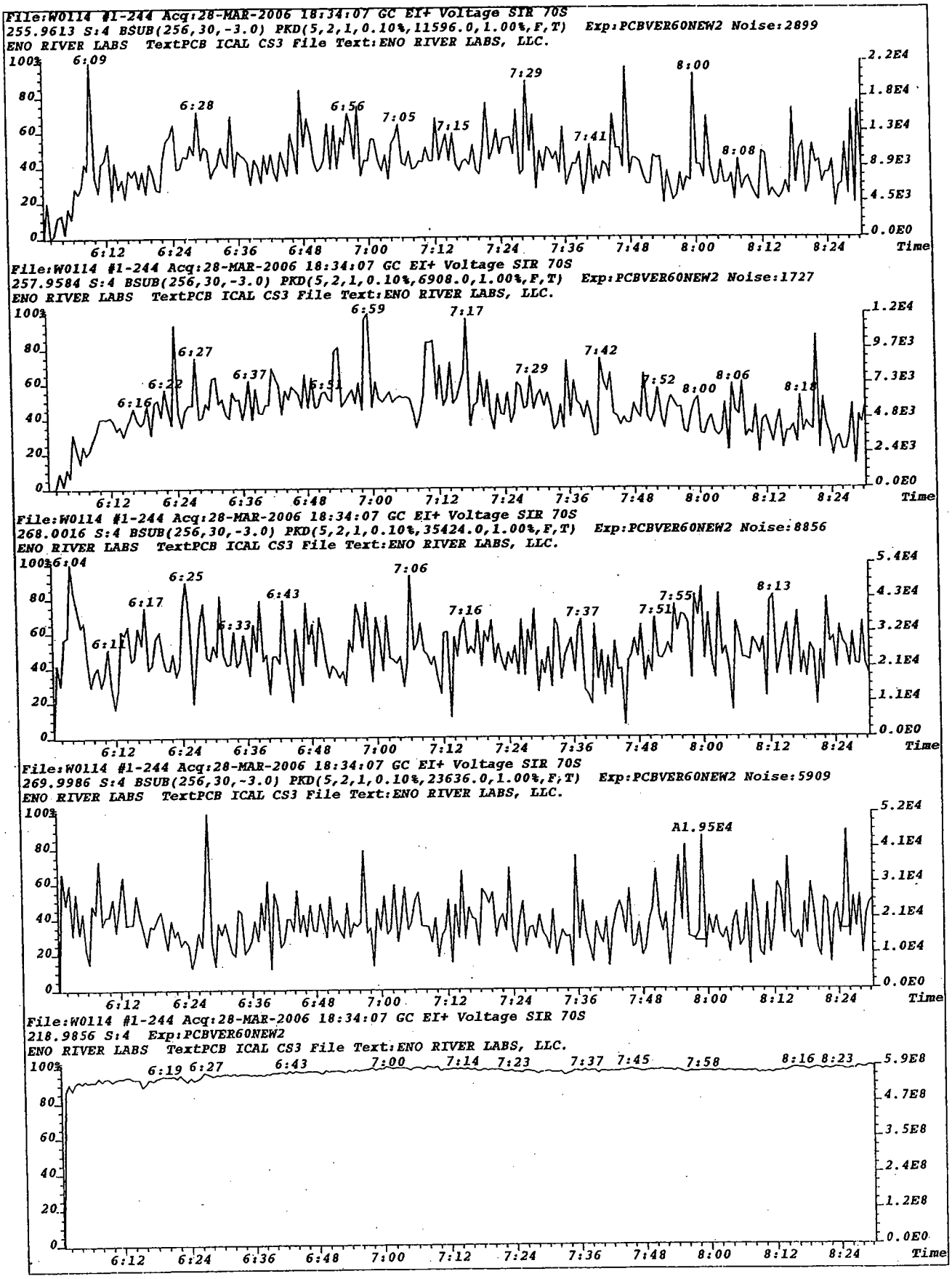
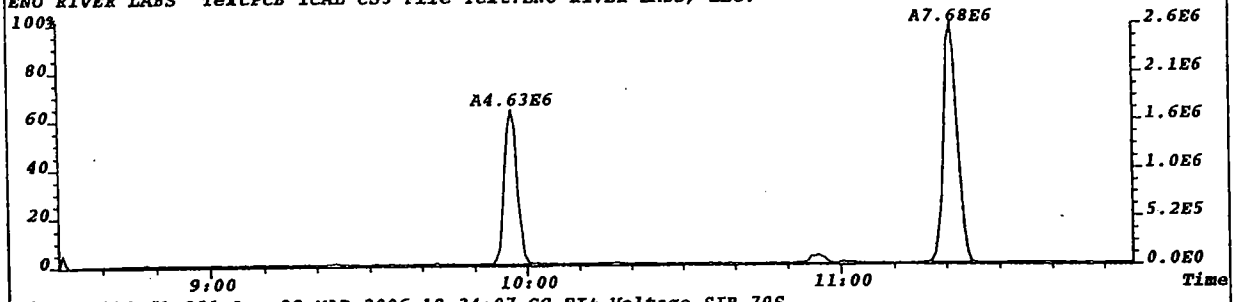
188.0392 S:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,5248.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:1312
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.26E7
File:W0114 #1-244 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
190.0363 S:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,4896.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:1224
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A4.01E6
File:W0114 #1-244 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
194.0594 S:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,9368.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:2342
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.74E7
File:W0114 #1-244 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
196.0565 S:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,17196.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:4299
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A5.77E6
File:W0114 #1-244 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
218.9856 S:4 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
Time


File:W0114 #1-244 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
222.0003 S:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,89180.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:22295
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
6:17 6:30 6:48 7:00 7:14 7:28 7:49 8:01 8:20
Time
File:W0114 #1-244 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
223.9974 S:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,120348.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:30087
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
6:17 6:25 6:36 6:48 6:58 7:07 7:13 7:18 7:47 7:58 8:09
Time
File:W0114 #1-244 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
234.0406 S:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,19416.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:4854
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
6:10 6:22 6:31 6:41 6:50 7:00 7:11 7:18 7:29 7:38 7:53 8:09 8:21
Time
File:W0114 #1-244 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
236.0376 S:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,13844.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:3461
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
Time
File:W0114 #1-244 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
218.9856 S:4 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
6:19 6:27 6:43 7:00 7:14 7:23 7:37 7:45 7:58 8:16 8:23
Time

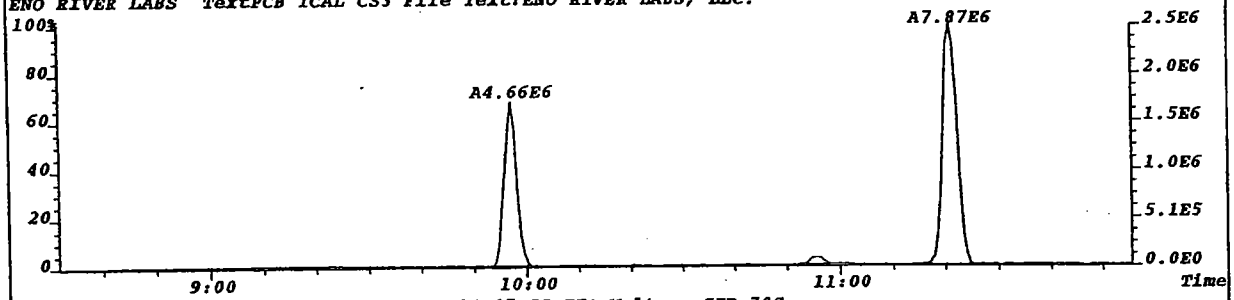

File:W0114 #1-331 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
222.0003 S:4 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,193516.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:48379
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.15E7
A1.13E7
100%
80
60
40
20
0
4.9E6
3.9E6
2.9E6
2.0E6
9.8E5
0.0E0
9:00
10:00
11:00
Time
File:W0114 #1-331 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
223.9974 S:4 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,145204.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:36301
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A7.58E6
A7.44E6
3.1E6
2.5E6
1.9E6
1.2E6
6.2E5
0.0E0
File:W0114 #1-331 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
234.0406 S:4 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,50392.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:12598
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A2.79E7
9.9E6
7.9E6
5.9E6
3.9E6
2.0E6
0.0E0
File:W0114 #1-331 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
236.0376 S:4 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,27880.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:6970
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.87E7
6.4E6
5.2E6
3.9E6
2.6E6
1.3E6
0.0E0
File:W0114 #1-331 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
218.9856 S:4 F:2 Exp:PCBVER60NEW2.
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
8:43
9:00
9:15
9:29
10:01
10:17
10:33
10:57
11:20
11:42
6.8E8
5.4E8
4.1E8
2.7E8
1.4E8
0.0E0


File:W0114 #1-244 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
255.9613 S:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,11596.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:2899
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
6:09
6:28
6:56
7:05
7:15
7:29
7:41
8:00
8:08
Time
File:W0114 #1-244 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
257.9584 S:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,6908.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:1727
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
6:16
6:22
6:27
6:37
6:51
6:59
7:17
7:29
7:42
7:52
8:00
8:06
Time
File:W0114 #1-244 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
268.0016 S:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,35424.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:8856
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
6:04
6:17
6:25
6:33
6:43
7:06
7:16
7:37
7:51
7:55
8:13
Time
File:W0114 #1-244 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
269.9986 S:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,23636.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:5909
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.95E4
Time
File:W0114 #1-244 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
218.9856 S:4 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
6:19
6:27
6:43
7:00
7:14
7:23
7:37
7:45
7:58
8:16
8:23
Time

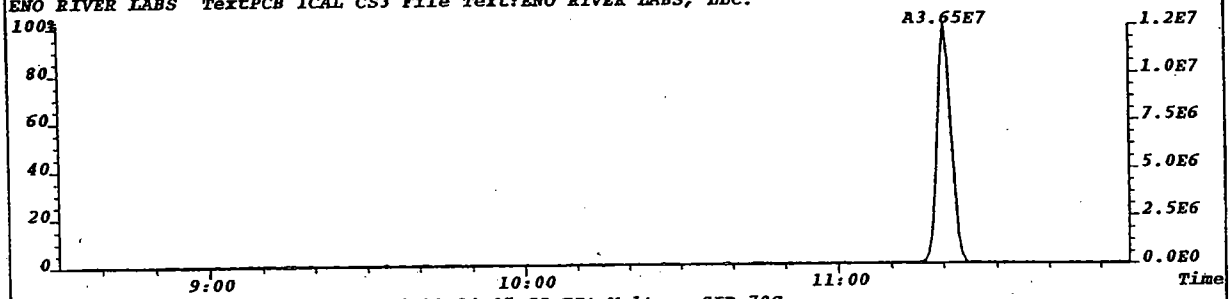
File:W0114 #1-331 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
255.9613 S:4 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,18508.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:4627
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.



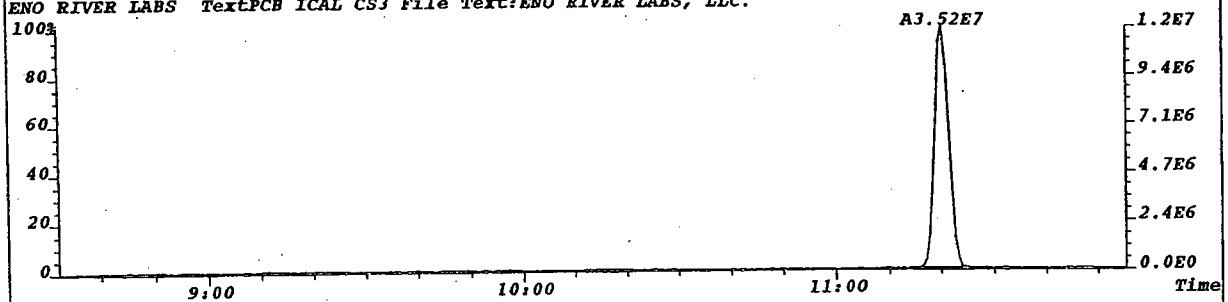
File:W0114 #1-331 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
257.9584 S:4 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,13344.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:3336
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.



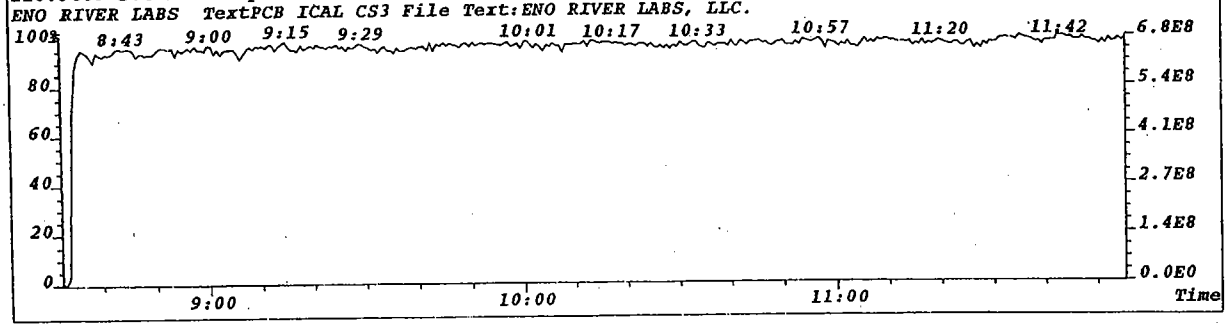
File:W0114 #1-331 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
268.0016 S:4 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,54488.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:13622
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.

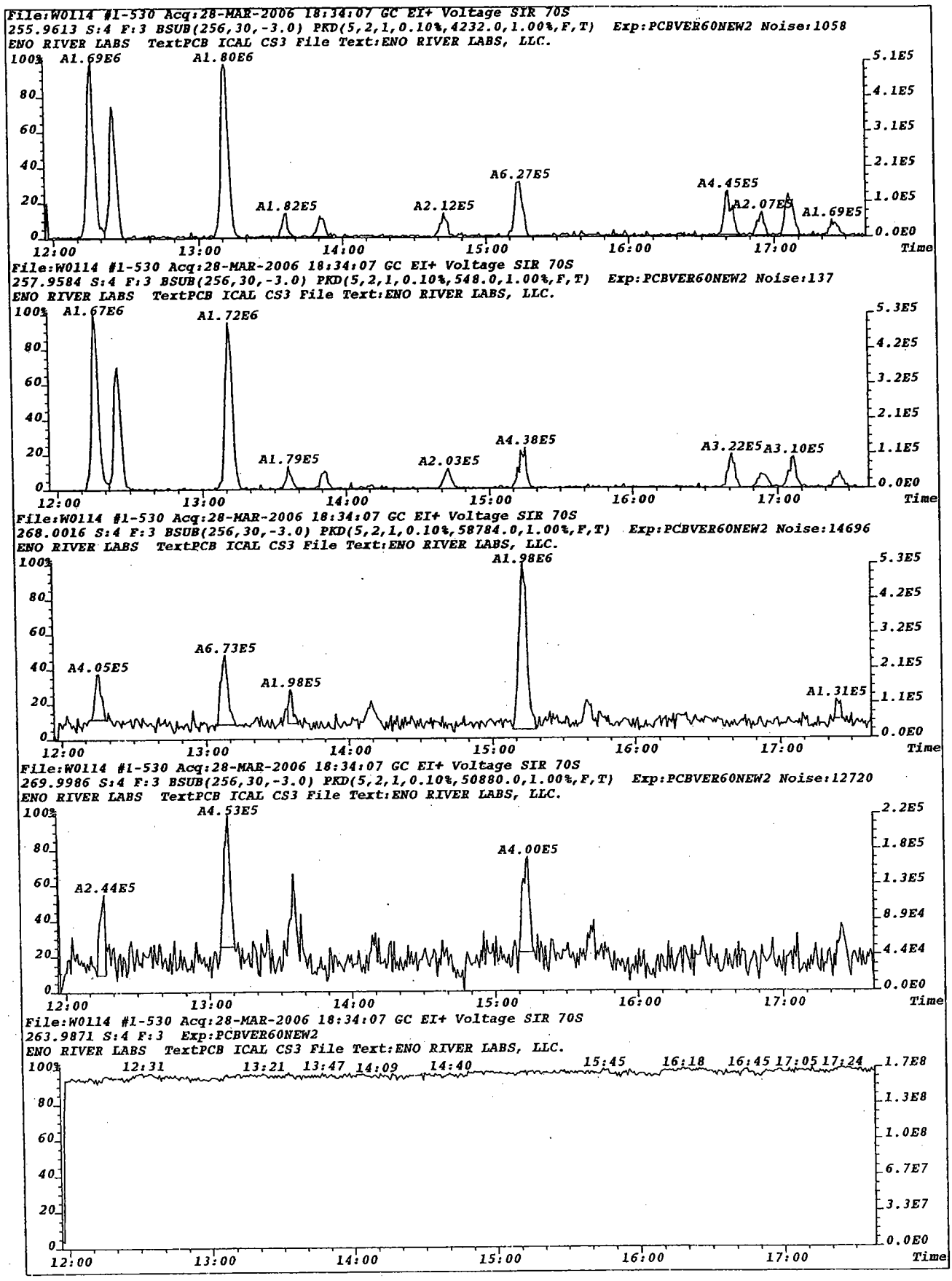


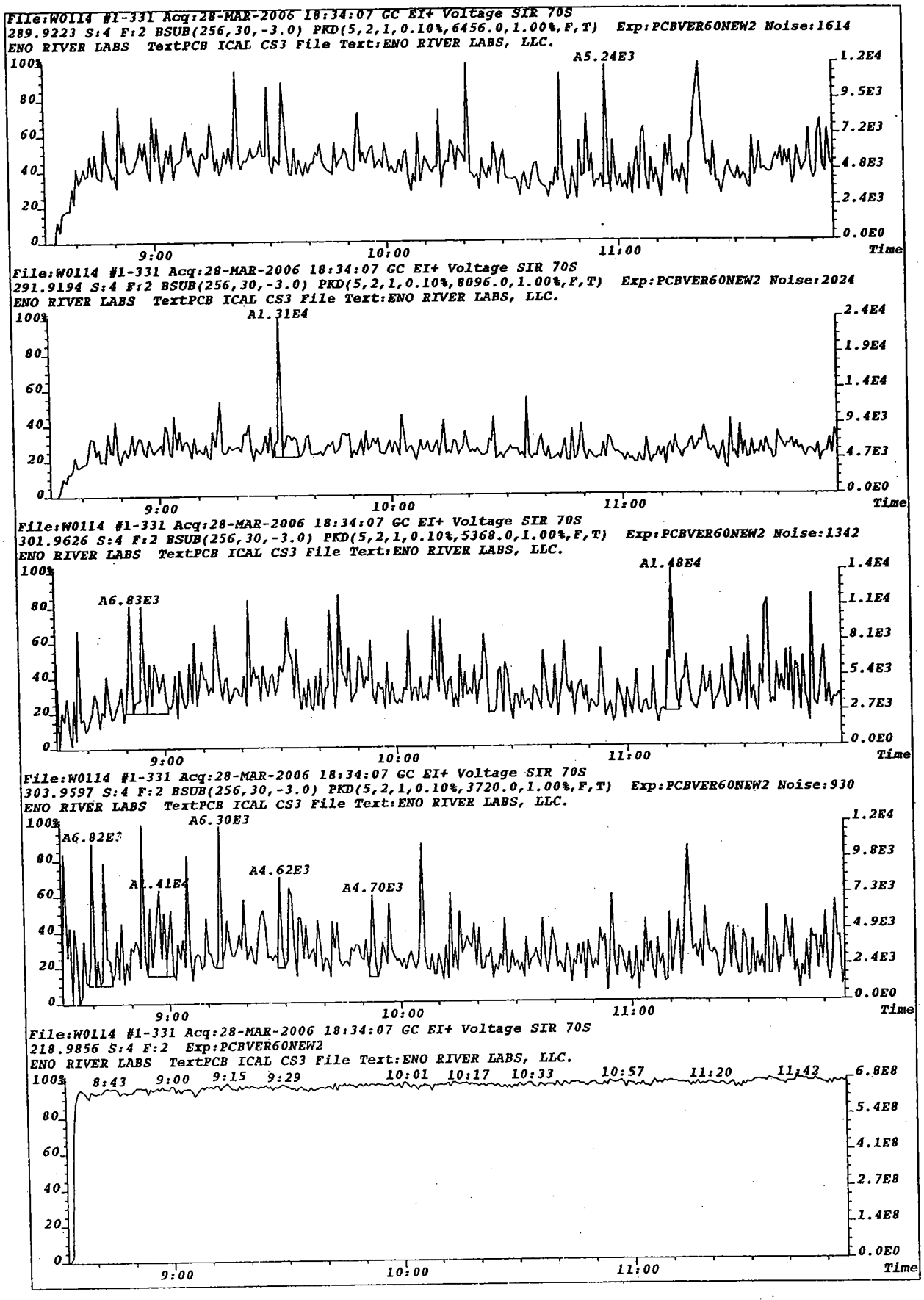
File:W0114 #1-331 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
269.9986 S:4 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,72820.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:18205
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.

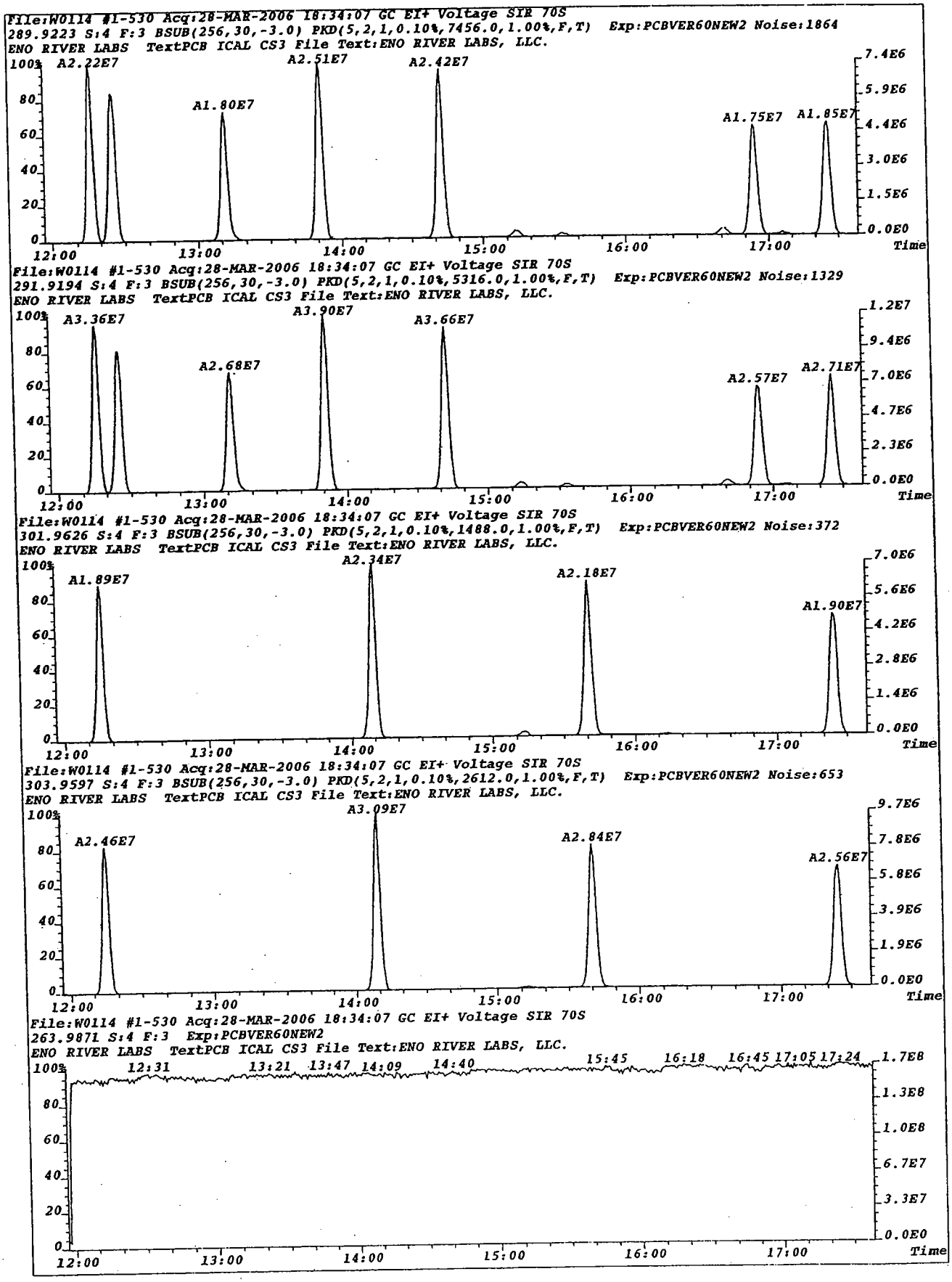


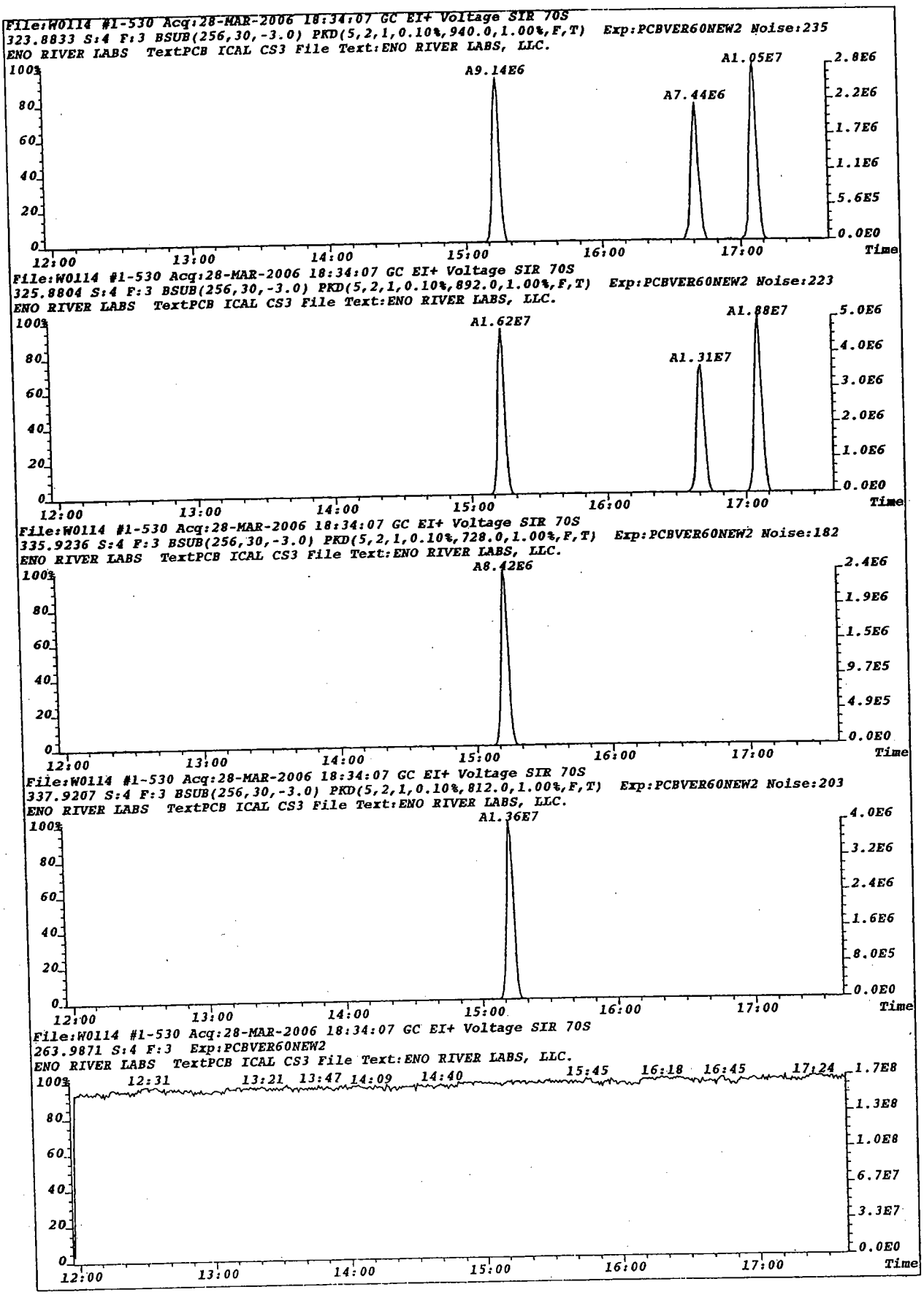
File:W0114 #1-331 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
218.9856 S:4 F:2 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.

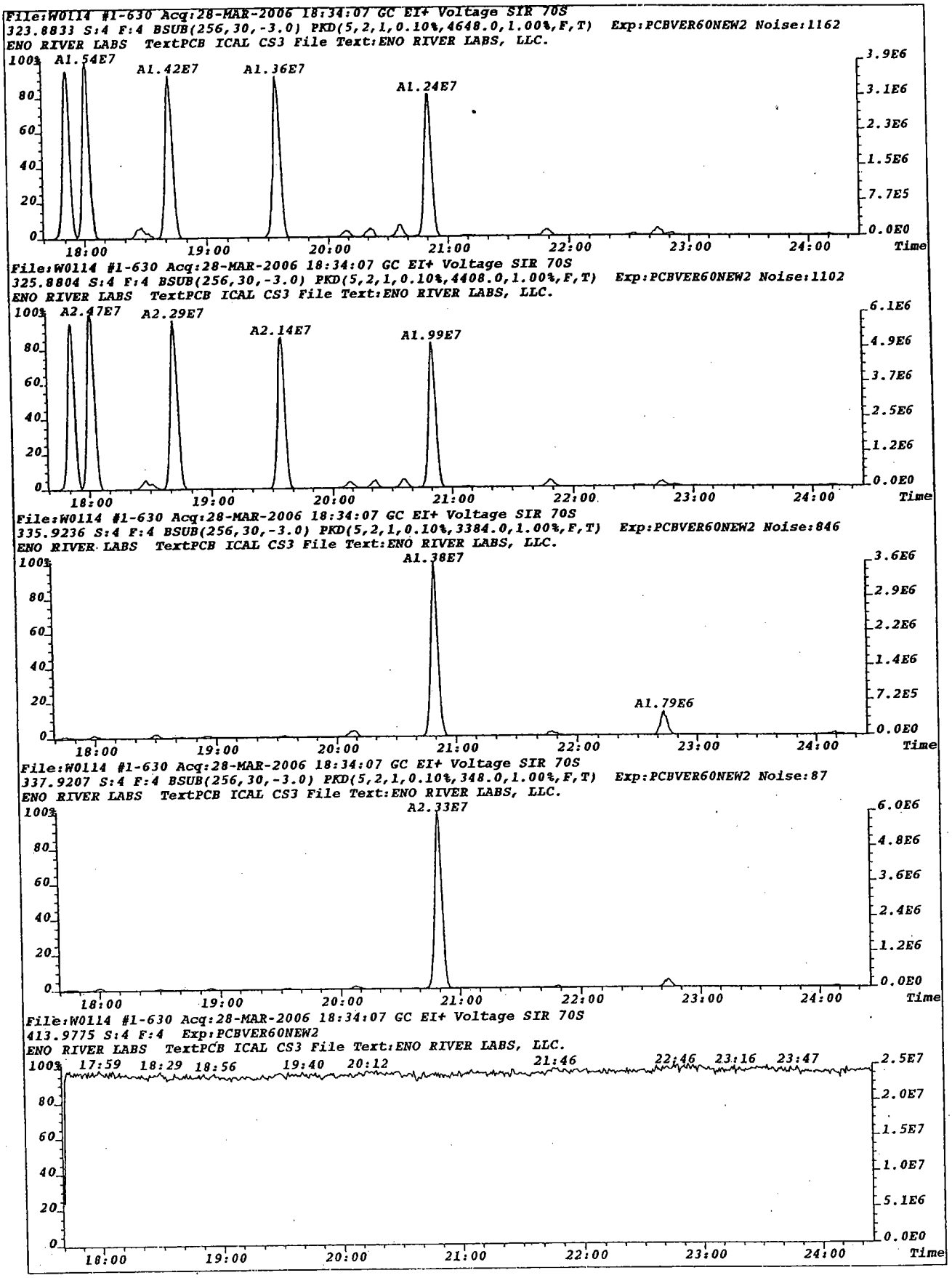


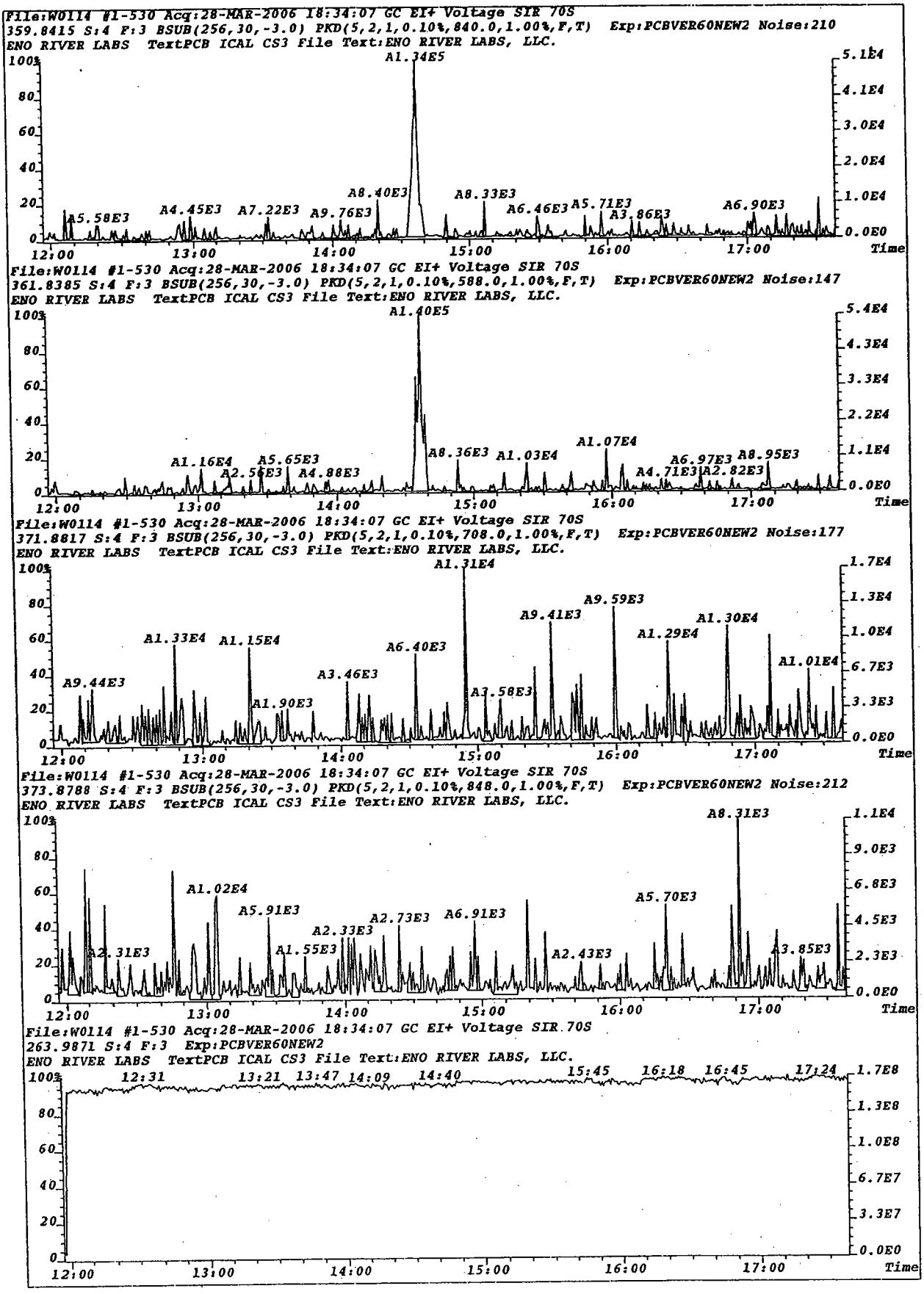

File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
255.9613 S:4 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,4232.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:1058
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.69E6
A1.80E6
A1.82E5
A2.12E5
A6.27E5
A4.45E5
A2.07E5
A1.69E5
Time
File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
257.9584 S:4 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,548.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:137
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.67E6
A1.72E6
A1.79E5
A2.03E5
A4.38E5
A3.22E5
A3.10E5
Time
File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
268.0016 S:4 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,58784.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:14696
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.98E6
A4.05E5
A6.73E5
A1.98E5
A1.31E5
Time
File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
269.9986 S:4 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,50880.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:12720
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A4.53E5
A2.44E5
A4.00E5
Time
File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
263.9871 S:4 F:3 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
12:31
13:21
13:47
14:09
14:40
15:45
16:18
16:45
17:05
17:24
Time

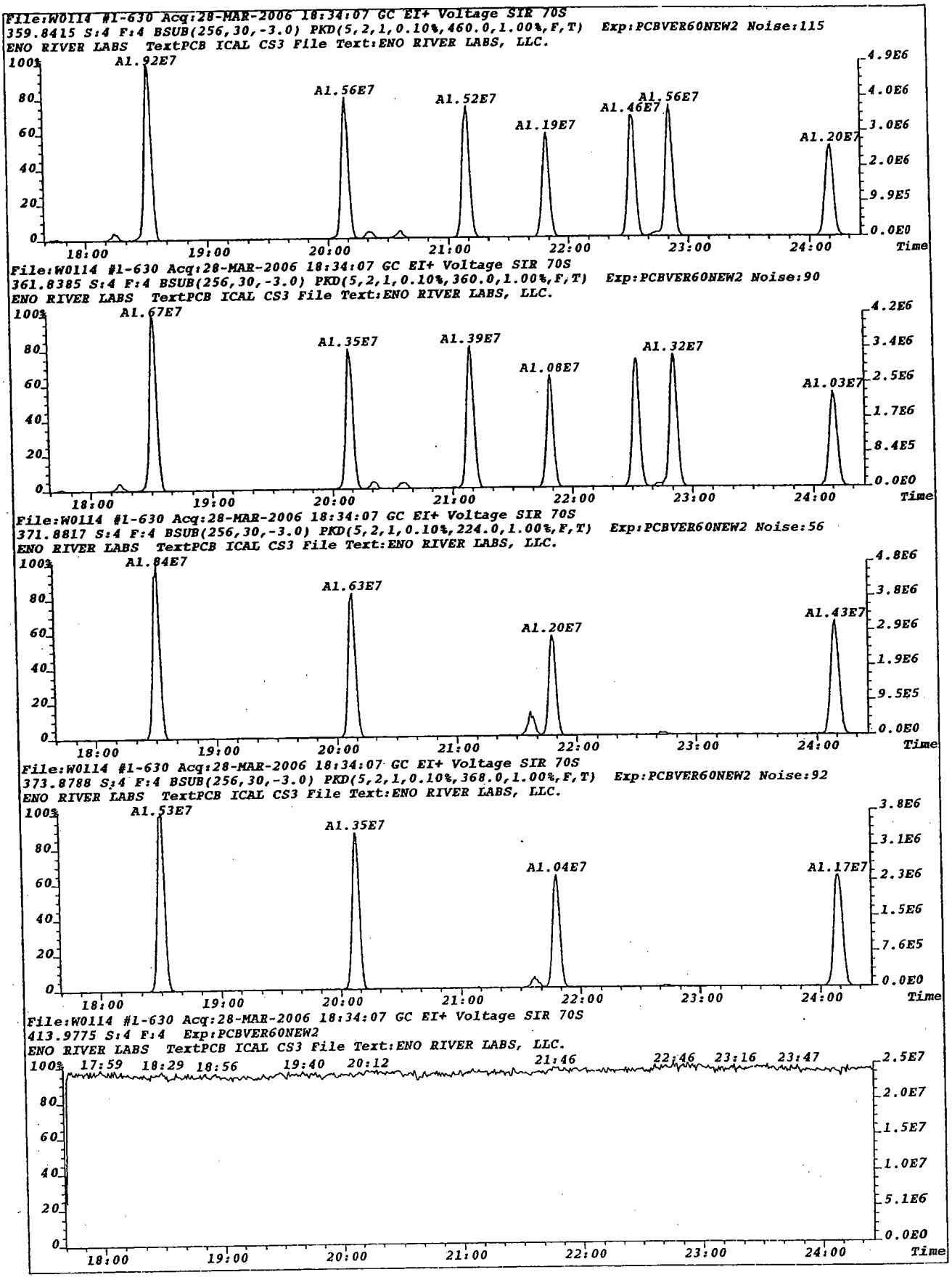

File:W0114 #1-331 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
289.9223 S:4 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,6456.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:1614
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A5.24E3
Time
File:W0114 #1-331 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
291.9194 S:4 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,8096.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:2024
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.31E4
Time
File:W0114 #1-331 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
301.9626 S:4 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,5368.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:1342
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.48E4
A6.83E3
Time
File:W0114 #1-331 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
303.9597 S:4 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,3720.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:930
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A6.30E3
A4.62E3
A4.70E3
Time
File:W0114 #1-331 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
218.9856 S:4 F:2 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
8:43
9:00
9:15
9:29
10:01
10:17
10:33
10:57
11:20
11:42
Time

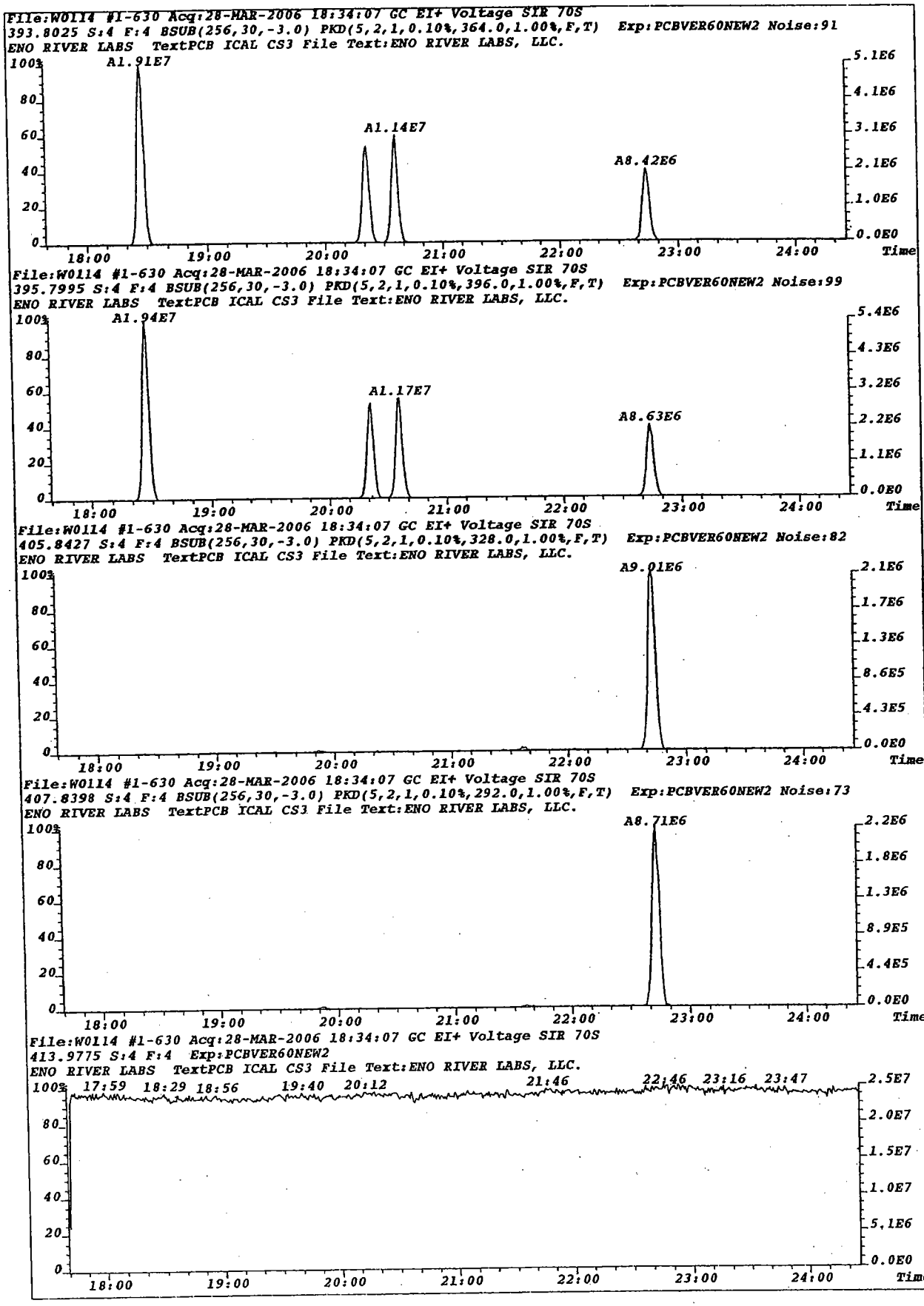

File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
289.9223 S:4 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,7456.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:1864
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A2.22E7
A2.51E7
A2.42E7
A1.80E7
A1.75E7
A1.85E7
Time
File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
291.9194 S:4 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,5316.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:1329
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A3.36E7
A3.90E7
A3.66E7
A2.68E7
A2.57E7
A2.71E7
Time
File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
301.9626 S:4 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,1488.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:372
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.89E7
A2.34E7
A2.18E7
A1.90E7
Time
File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
303.9597 S:4 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,2612.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:653
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A2.46E7
A3.09E7
A2.84E7
A2.56E7
Time
File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
263.9871 S:4 F:3 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
12:31
13:21
13:47
14:09
14:40
15:45
16:18
16:45
17:05
17:24
Time

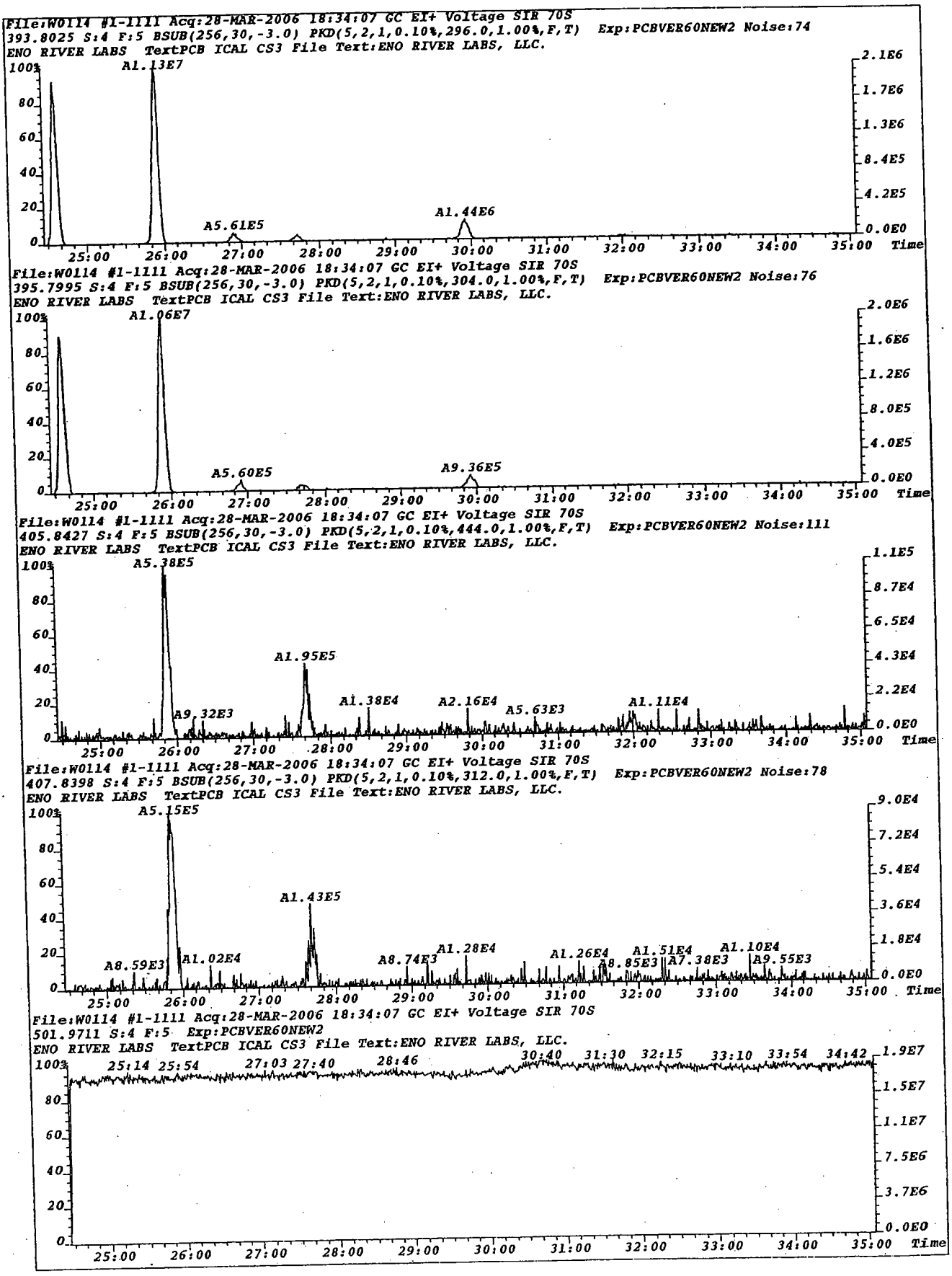

File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
323.8833 S:4 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,940.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:235
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A9.14E6
A7.44E6
A1.05E7
Time
File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
325.8804 S:4 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,892.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:223
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.62E7
A1.31E7
A1.88E7
Time
File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
335.9236 S:4 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,728.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:182
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A8.42E6
Time
File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
337.9207 S:4 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,812.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:203
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.36E7
Time
File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
263.9871 S:4 F:3 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
12:31
13:21
13:47
14:09
14:40
15:45
16:18
16:45
17:24
Time

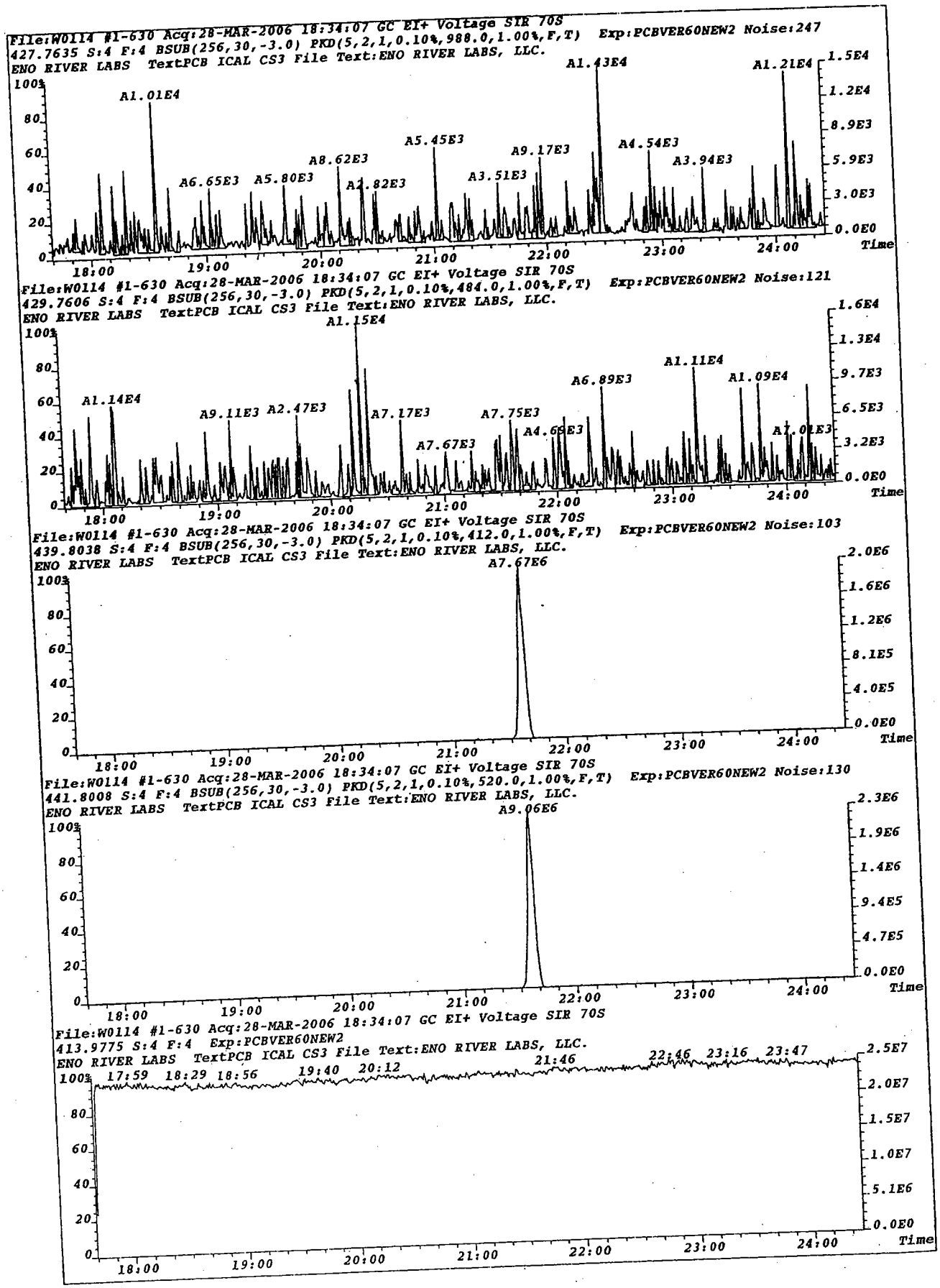

File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
323.8833 S:4 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,4648.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:1162
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.54E7
A1.42E7
A1.36E7
A1.24E7
3.9E6
3.1E6
2.3E6
1.5E6
7.7E5
0.0E0
Time
File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
325.8804 S:4 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,4408.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:1102
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A2.47E7
A2.29E7
A2.14E7
A1.99E7
6.1E6
4.9E6
3.7E6
2.5E6
1.2E6
0.0E0
Time
File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
335.9236 S:4 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,3384.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:846
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.38E7
A1.79E6
3.6E6
2.9E6
2.2E6
1.4E6
7.2E5
0.0E0
Time
File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
337.9207 S:4 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,348.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:87
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A2.33E7
6.0E6
4.8E6
3.6E6
2.4E6
1.2E6
0.0E0
Time
File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
413.9775 S:4 F:4 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
17:59
18:29
18:56
19:40
20:12
21:46
22:46
23:16
23:47
2.5E7
2.0E7
1.5E7
1.0E7
5.1E6
0.0E0
Time

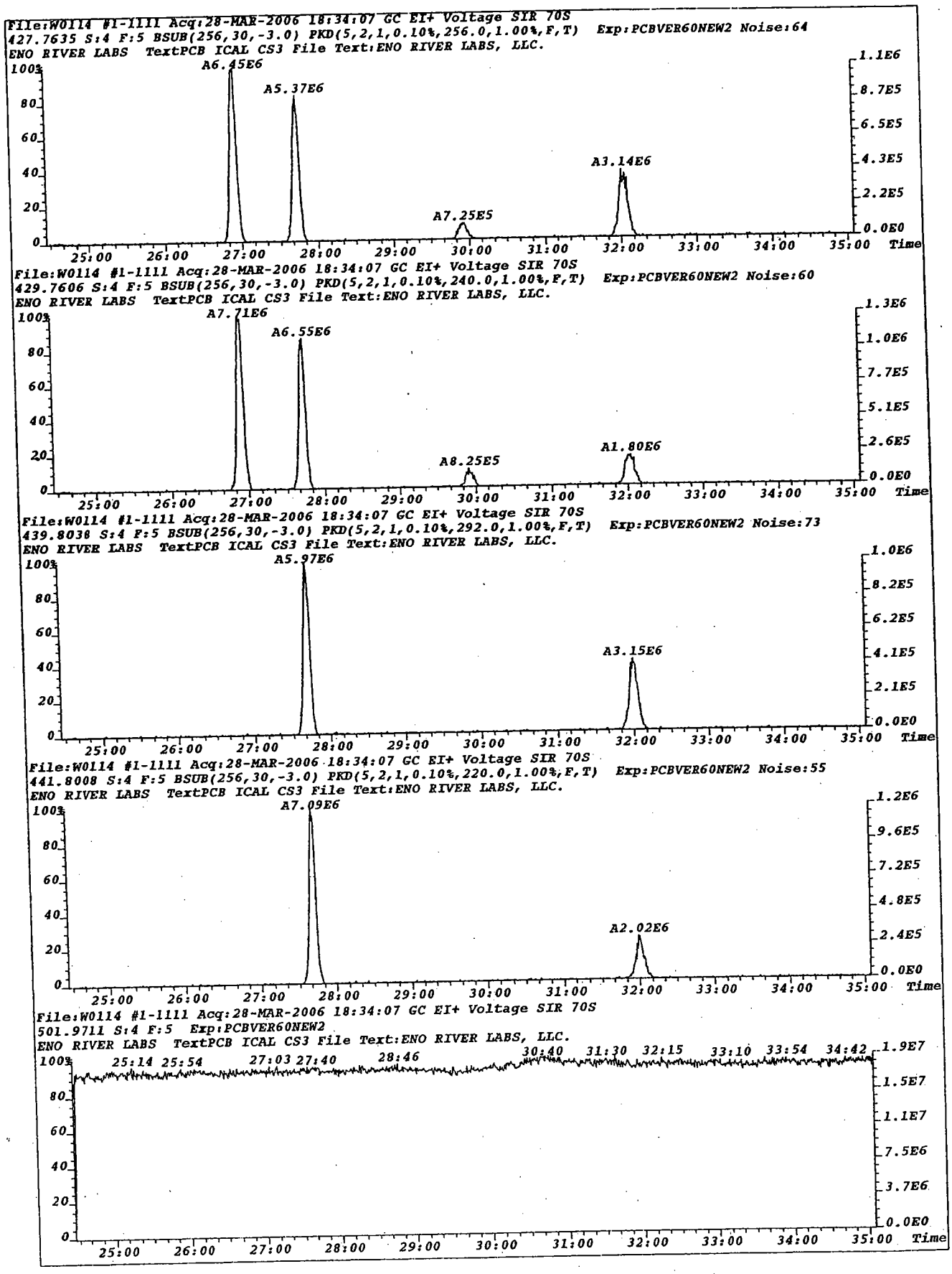

File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
359.8415 S:4 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,840.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:210
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.34E5
A8.40E3
A8.33E3
A6.46E3
A5.71E3
A3.86E3
A6.90E3
A4.45E3
A7.22E3
A9.76E3
A5.58E3
Time
File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
361.8385 S:4 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,588.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:147
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.40E5
A1.07E4
A8.36E3
A1.03E4
A1.16E4
A5.65E3
A2.56E3
A4.88E3
A6.97E3
A8.95E3
A4.71E3
A2.82E3
Time
File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
371.8817 S:4 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,708.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:177
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.31E4
A9.59E3
A9.41E3
A1.30E4
A1.29E4
A1.33E4
A1.15E4
A6.40E3
A1.01E4
A3.46E3
A9.44E3
A1.90E3
A7.58E3
Time
File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
373.8788 S:4 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,848.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:212
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A8.31E3
A1.02E4
A5.91E3
A5.70E3
A2.73E3
A6.91E3
A2.33E3
A2.31E3
A1.55E3
A2.43E3
A3.85E3
Time
File:W0114 #1-530 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
263.9871 S:4 F:3 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
12:31
13:21
13:47
14:09
14:40
15:45
16:18
16:45
17:24
Time


File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
359.8415 S:4 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,460.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:115
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.92E7
A1.56E7
A1.52E7
A1.19E7
A1.46E7
A1.56E7
A1.20E7
Time
File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
361.8385 S:4 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,360.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:90
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.67E7
A1.35E7
A1.39E7
A1.08E7
A1.32E7
A1.03E7
Time
File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
371.8817 S:4 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,224.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:56
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.84E7
A1.63E7
A1.20E7
A1.43E7
Time
File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
373.8788 S:4 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,368.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:92
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.53E7
A1.35E7
A1.04E7
A1.17E7
Time
File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
413.9775 S:4 F:4 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
17:59
18:29
18:56
19:40
20:12
21:46
22:46
23:16
23:47
Time

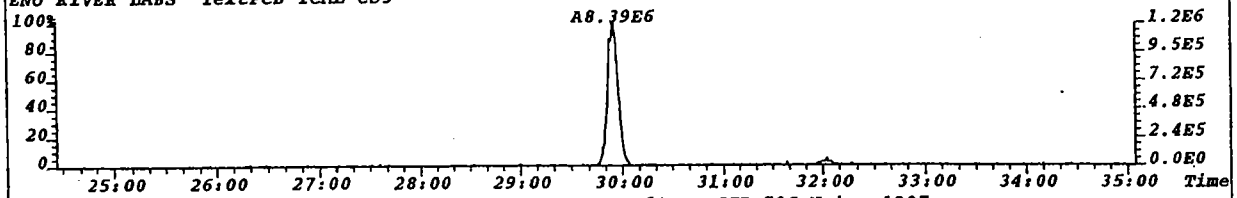

File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
393.8025 S:4 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,364.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:91
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.91E7
A1.14E7
A8.42E6
Time
File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
395.7995 S:4 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,396.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:99
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.94E7
A1.17E7
A8.63E6
Time
File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
405.8427 S:4 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,328.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:82
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A9.01E6
Time
File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
407.8398 S:4 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,292.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:73
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A8.71E6
Time
File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
413.9775 S:4 F:4 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
17:59 18:29 18:56 19:40 20:12 21:46 22:46 23:16 23:47
Time


File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
393.8025 S:4 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,296.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:74
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.13E7
A5.61E5
A1.44E6
File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
395.7995 S:4 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,304.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:76
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.06E7
A5.60E5
A9.36E5
File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
405.8427 S:4 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,444.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:111
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A5.38E5
A1.95E5
A9.32E3
A1.38E4
A2.16E4
A5.63E3
A1.11E4
File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
407.8398 S:4 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,312.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:78
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A5.15E5
A1.43E5
A8.59E3
A1.02E4
A8.74E3
A1.28E4
A1.26E4
A1.51E4
A8.85E3
A7.38E3
A1.10E4
A9.55E3
File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
501.9711 S:4 F:5 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
25:14 25:54 27:03 27:40 28:46 30:40 31:30 32:15 33:10 33:54 34:42
Time

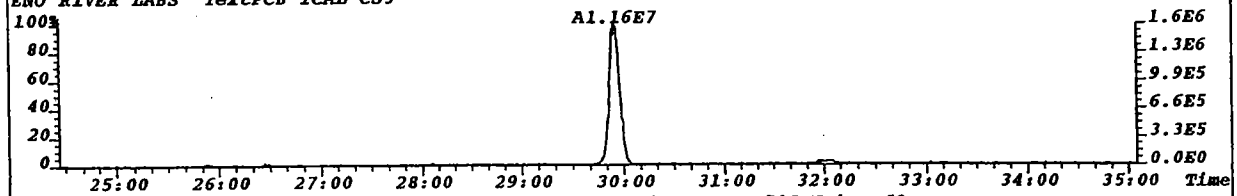

File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
427.7635 S:4 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,988.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:247
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.01E4
A6.65E3
A5.80E3
A8.62E3
A2.82E3
A5.45E3
A3.51E3
A9.17E3
A1.43E4
A4.54E3
A3.94E3
A1.21E4
Time
File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
429.7606 S:4 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,484.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:121
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A1.14E4
A9.11E3
A2.47E3
A1.15E4
A7.17E3
A7.67E3
A7.75E3
A4.69E3
A6.89E3
A1.11E4
A1.09E4
Time
File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
439.8038 S:4 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,412.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:103
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A7.67E6
Time
File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
441.8008 S:4 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,520.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:130
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A9.06E6
Time
File:W0114 #1-630 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
413.9775 S:4 F:4 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
17:59 18:29 18:56 19:40 20:12 21:46 22:46 23:16 23:47
Time


File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
427.7635 S:4 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,256.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:64
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A6.45E6
A5.37E6
A3.14E6
A7.25E5
File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
429.7606 S:4 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,240.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:60
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A7.71E6
A6.55E6
A1.80E6
A8.25E5
File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
439.8038 S:4 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,292.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:73
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A5.97E6
A3.15E6
File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
441.8008 S:4 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,220.0,1.00%,F,T) Exp:PCBVER60NEW2 Noise:55
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
A7.09E6
A2.02E6
File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
501.9711 S:4 F:5 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3 File Text:ENO RIVER LABS, LLC.
25:14 25:54 27:03 27:40 28:46 30:40 31:30 32:15 33:10 33:54 34:42
25:00 26:00 27:00 28:00 29:00 30:00 31:00 32:00 33:00 34:00 35:00 Time

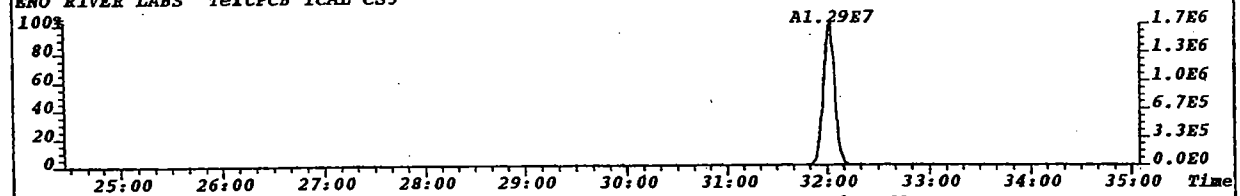
File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S Noise:61
461.7245 S:4 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,244.0,1.00%,F,T) Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3



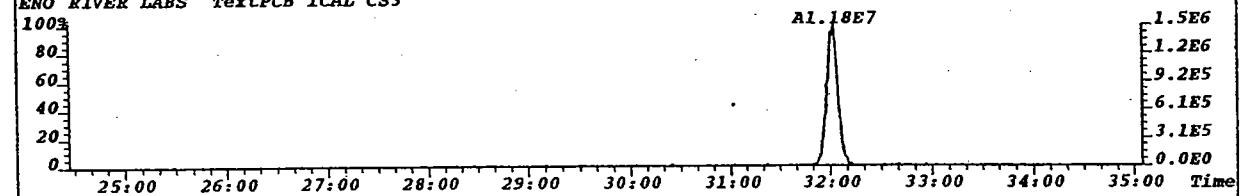
File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S Noise:1907
463.7216 S:4 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,7628.0,1.00%,F,T) Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3



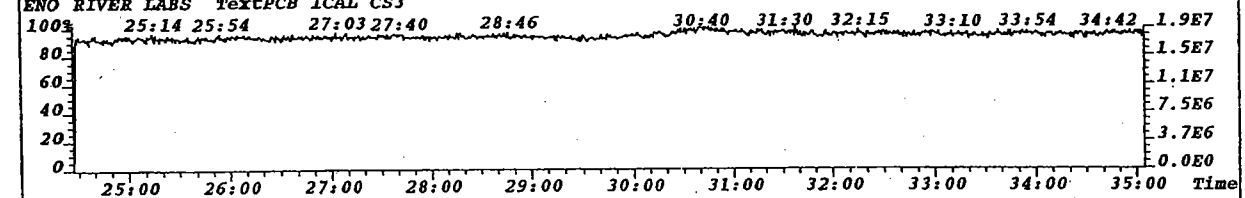
File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S Noise:68
497.6826 S:4 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,272.0,1.00%,F,T) Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3



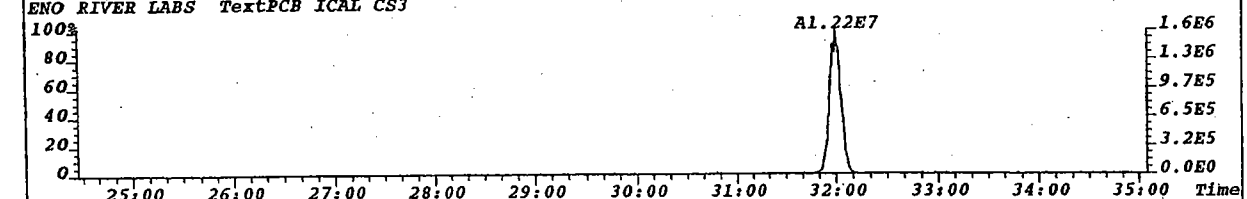
File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S Noise:69
499.6797 S:4 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,276.0,1.00%,F,T) Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3



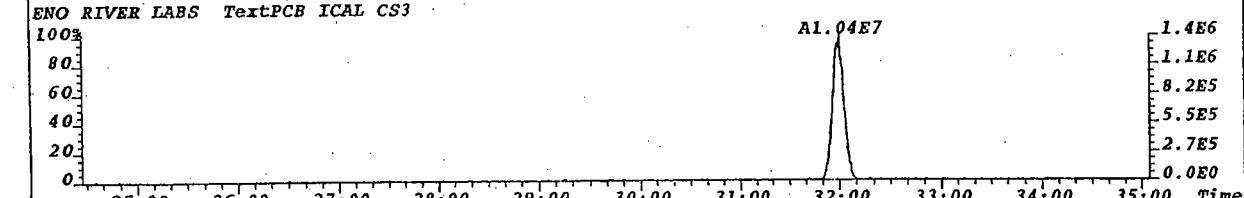
File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S
501.9711 S:4 F:5 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3

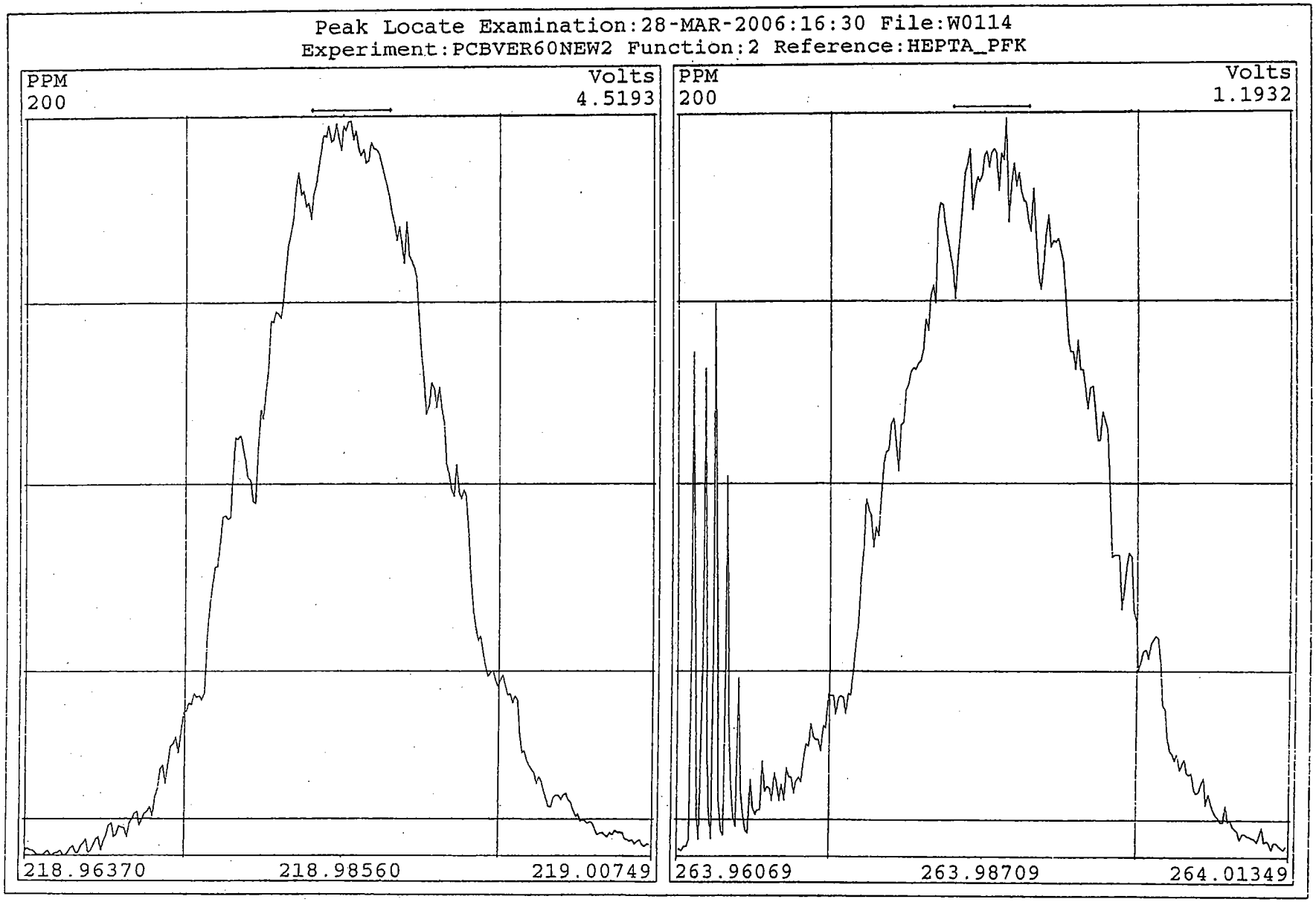


File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S Noise:133
509.7229 S:4 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,532.0,1.00%,F,T) Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3

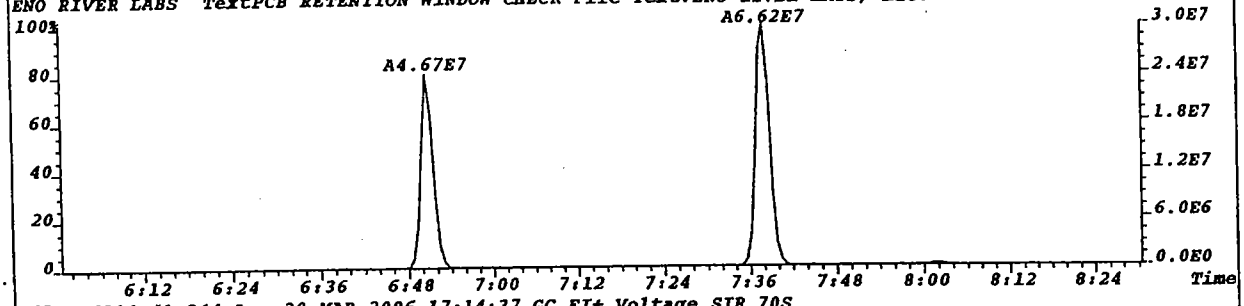


File:W0114 #1-1111 Acq:28-MAR-2006 18:34:07 GC EI+ Voltage SIR 70S Noise:102
511.7199 S:4 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.10%,408.0,1.00%,F,T) Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB ICAL CS3

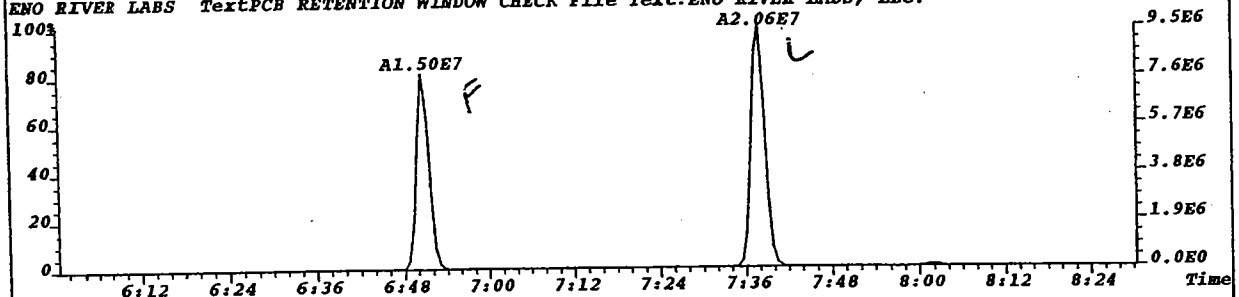



Peak Locate Examination:28-MAR-2006:16:30 File:W0114
Experiment:PCBVER60NEW2 Function:2 Reference:HEPTA_PFK
PPM
200
Volts
4.5193
218.96370
218.98560
219.00749
PPM
200
Volts
1.1932
263.96069
263.98709
264.01349

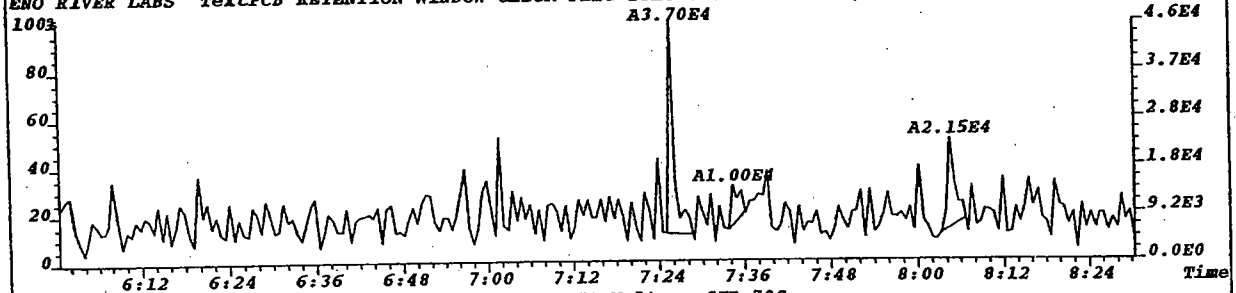
File:W0114 #1-244 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
188.0392 S:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,10456.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:2614
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.



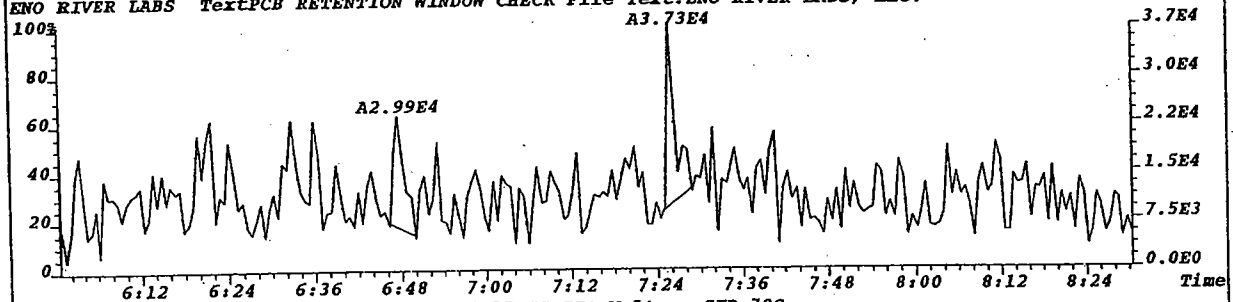
File:W0114 #1-244 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
190.0363 S:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,5416.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:1354
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.



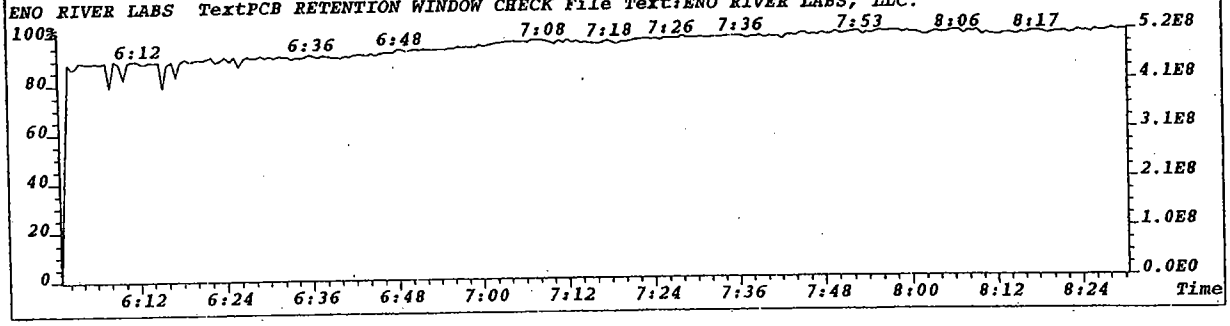
File:W0114 #1-244 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
194.0594 S:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,10472.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:2618
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.



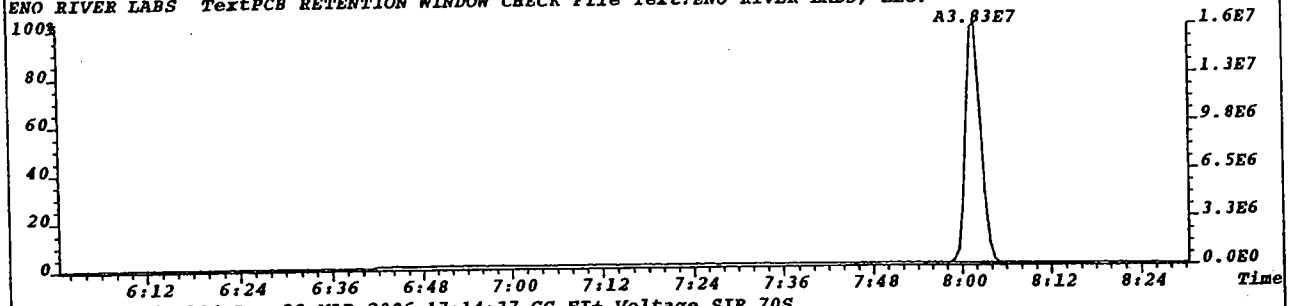
File:W0114 #1-244 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
196.0565 S:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,13788.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:3447
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.



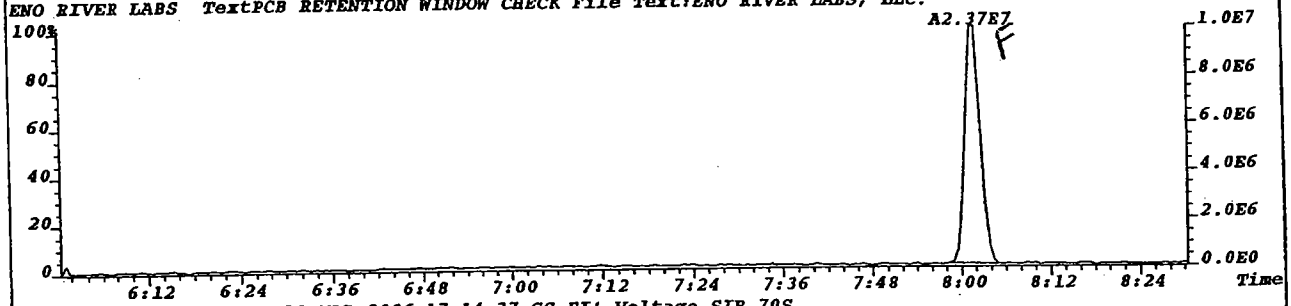
File:W0114 #1-244 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
218.9856 S:2 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.



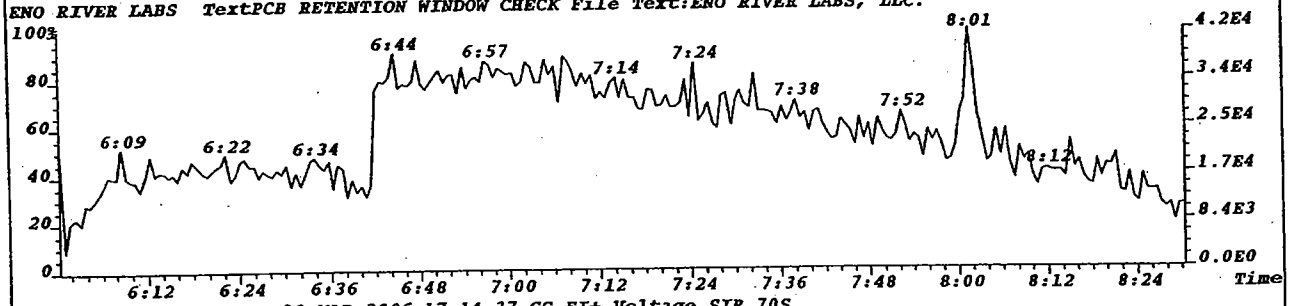
File:W0114 #1-244 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
222.0003 S:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,195312.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:48828
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.



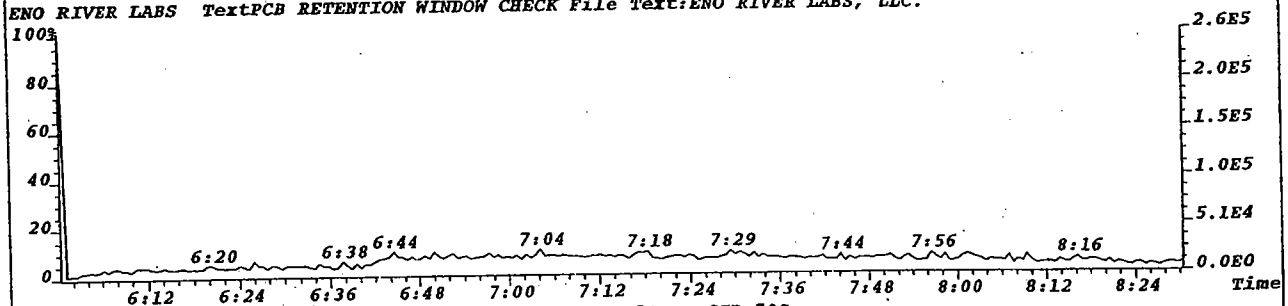
File:W0114 #1-244 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
223.9974 S:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,129044.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:32261
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.



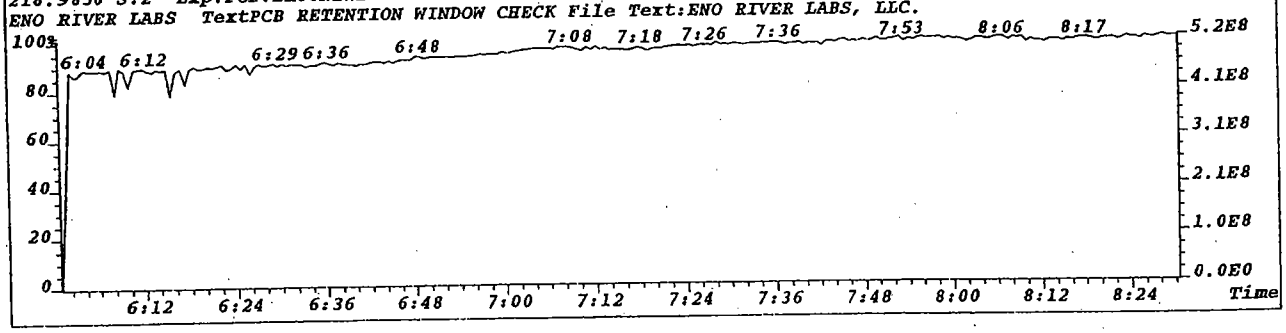
File:W0114 #1-244 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
234.0406 S:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,31588.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:7897
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.

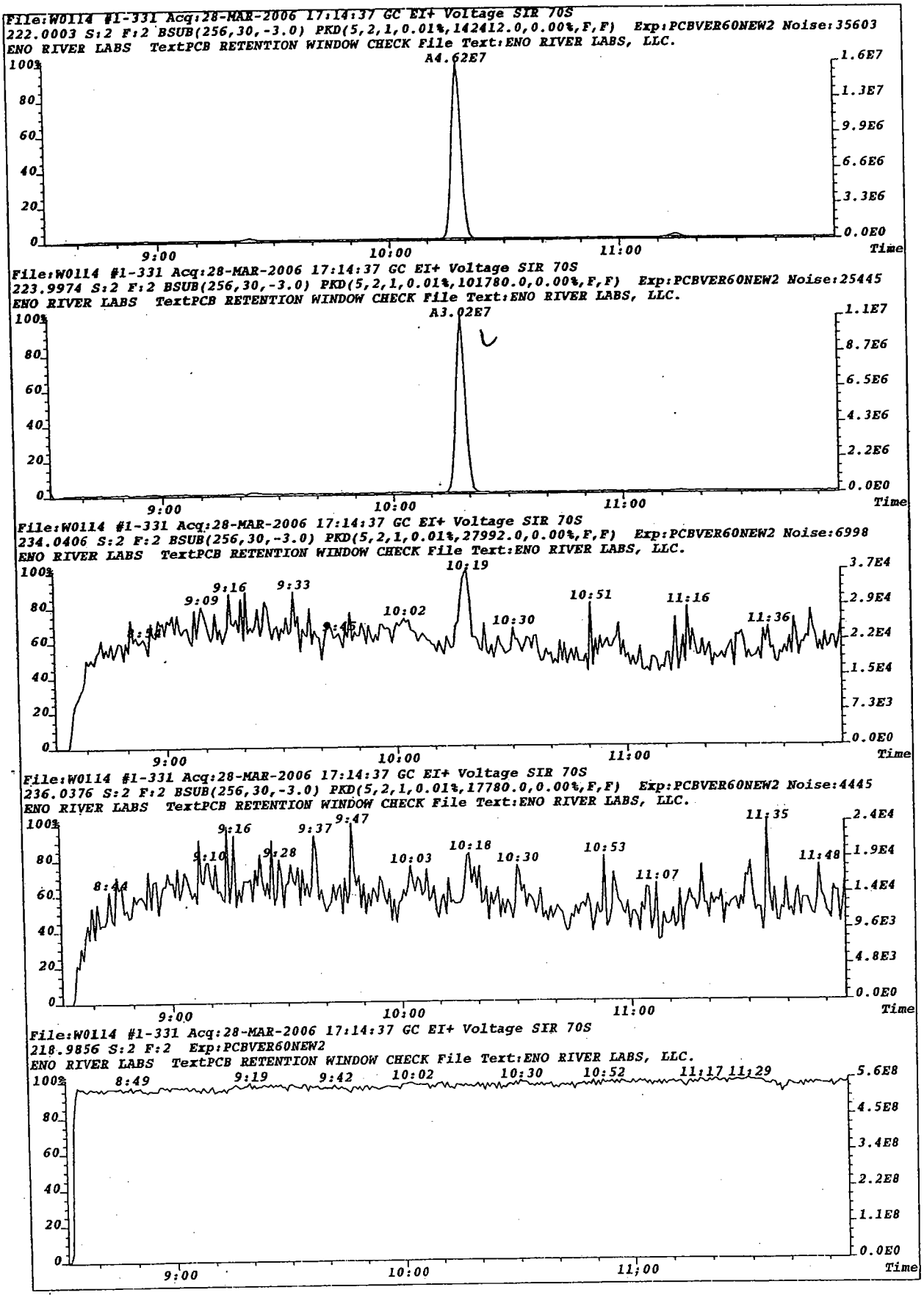


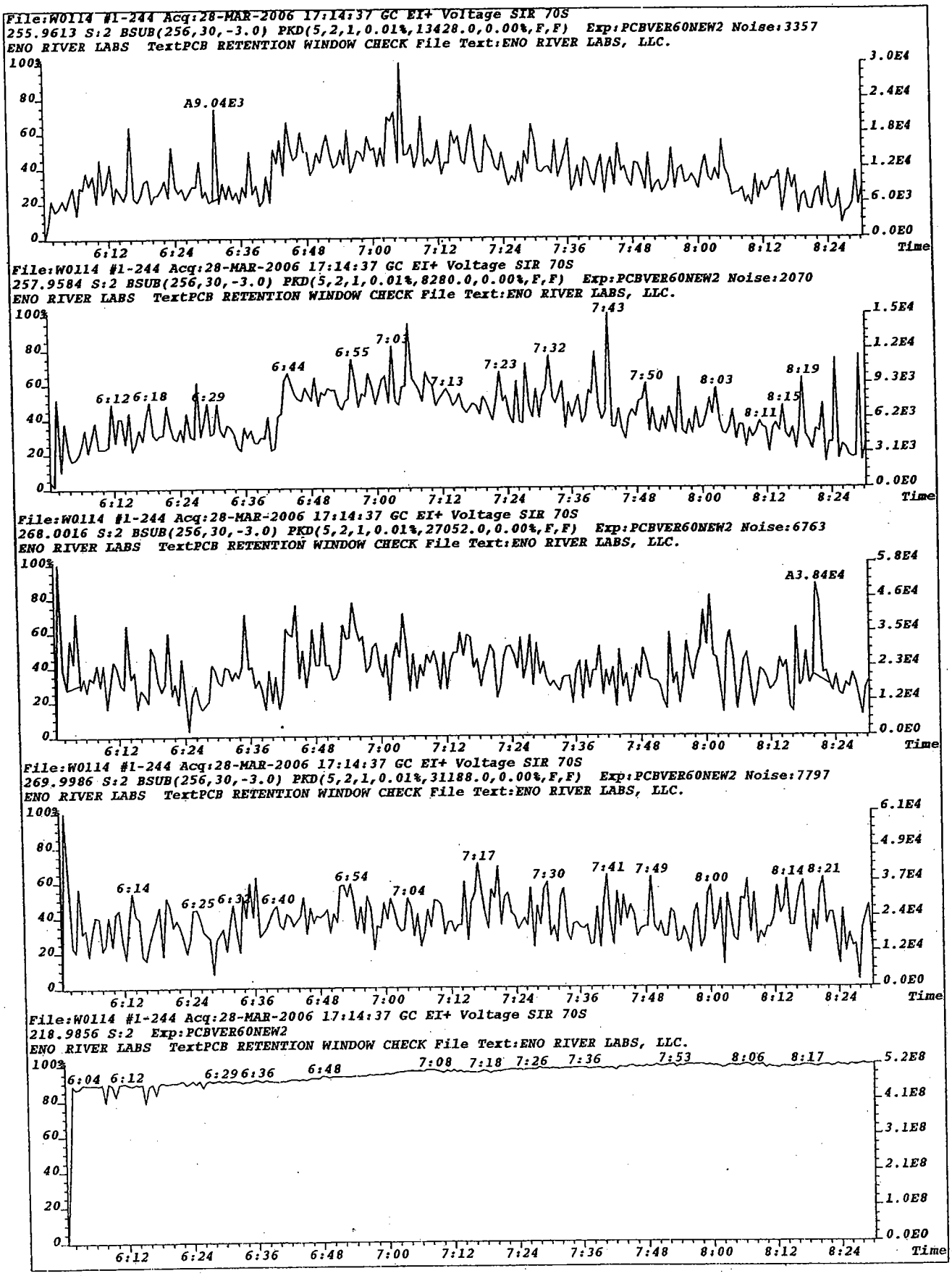
File:W0114 #1-244 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
236.0376 S:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,18688.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:4672
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.



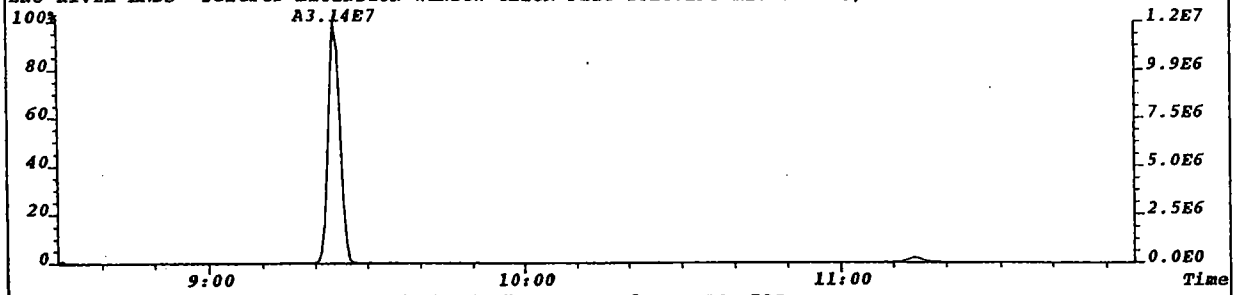
File:W0114 #1-244 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
218.9856 S:2 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.



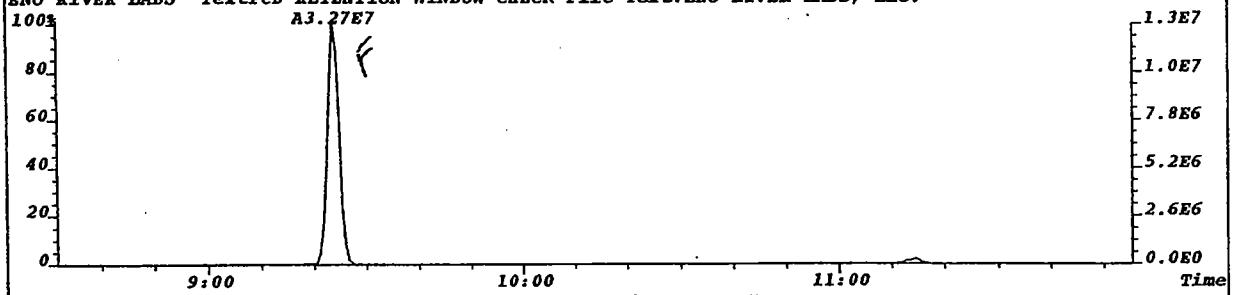

File:W0114 #1-331 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
222.0003 S:2 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,142412.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:35603
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A4.62E7
Time
File:W0114 #1-331 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
223.9974 S:2 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,101780.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:25445
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A3.02E7
Time
File:W0114 #1-331 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
234.0406 S:2 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,27992.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:6998
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
9:09 9:16 9:33 10:02 10:19 10:30 10:51 11:16 11:36
Time
File:W0114 #1-331 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
236.0376 S:2 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,17780.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:4445
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
8:44 9:10 9:16 9:28 9:37 9:47 10:03 10:18 10:30 10:53 11:07 11:35 11:48
Time
File:W0114 #1-331 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
218.9856 S:2 F:2 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
8:49 9:19 9:42 10:02 10:30 10:52 11:17 11:29
Time


File:W0114 #1-244 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
255.9613 S:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,13428.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:3357
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A9.04E3
Time
File:W0114 #1-244 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
257.9584 S:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,8280.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:2070
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
6:12 6:18 6:29 6:44 6:55 7:03 7:13 7:23 7:32 7:43 7:50 8:03 8:11 8:15 8:19
Time
File:W0114 #1-244 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
268.0016 S:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,27052.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:6763
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A3.84E4
Time
File:W0114 #1-244 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
269.9986 S:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,31188.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:7797
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
6:14 6:25 6:32 6:40 6:54 7:04 7:17 7:30 7:41 7:49 8:00 8:14 8:21
Time
File:W0114 #1-244 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
218.9856 S:2 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
6:04 6:12 6:29 6:36 6:48 7:08 7:18 7:26 7:36 7:53 8:06 8:17
Time

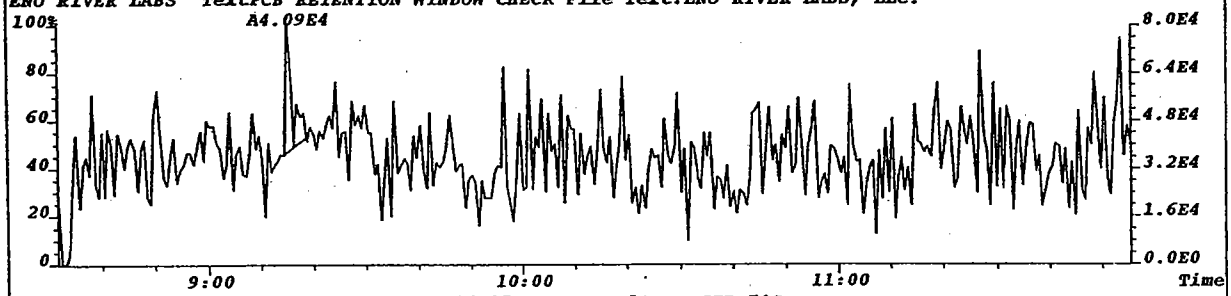
File:W0114 #1-331 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
255.9613 S:2 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,11476.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:2869
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.



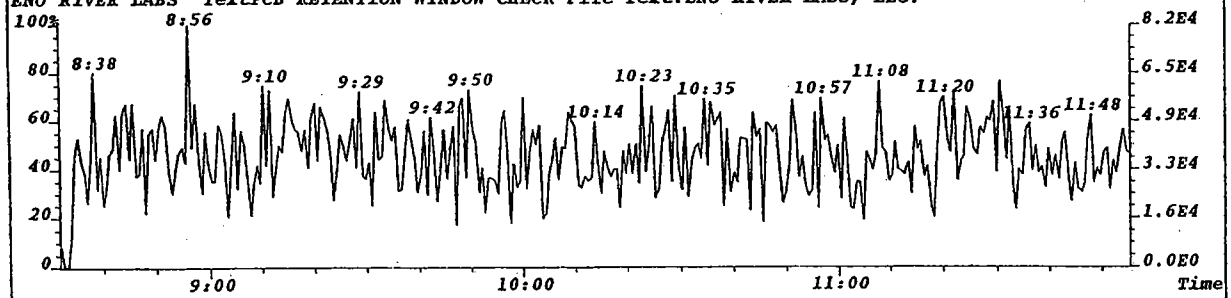
File:W0114 #1-331 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
257.9584 S:2 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,9212.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:2303
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.



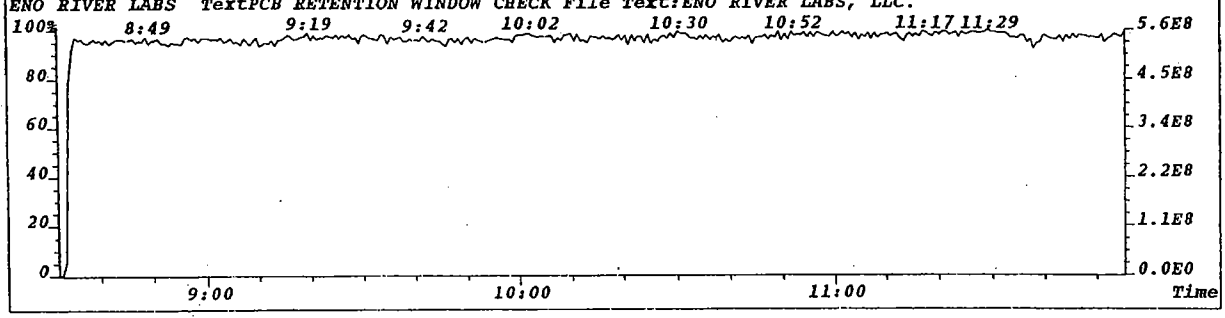
File:W0114 #1-331 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
268.0016 S:2 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,46560.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:11640
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.

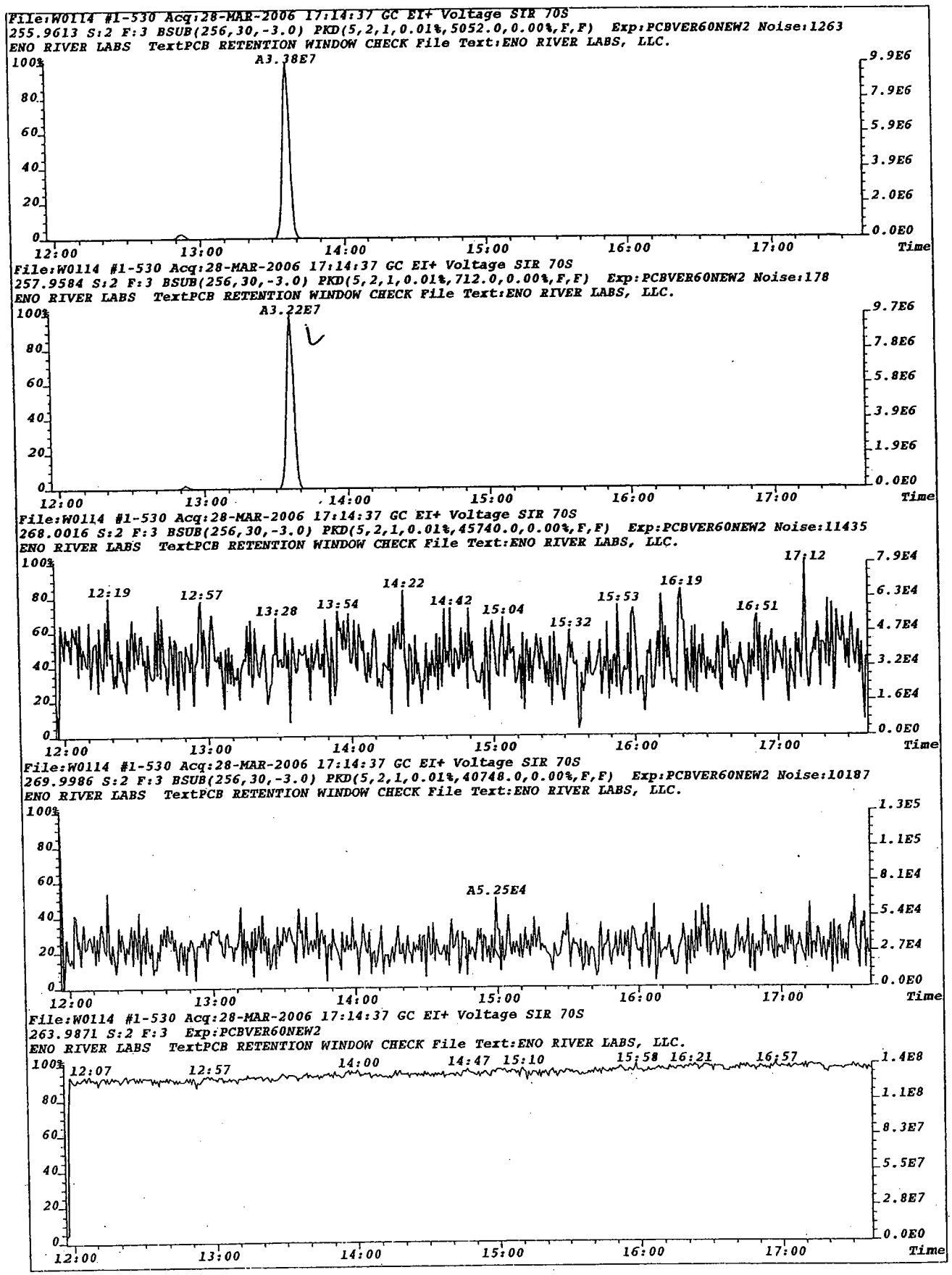


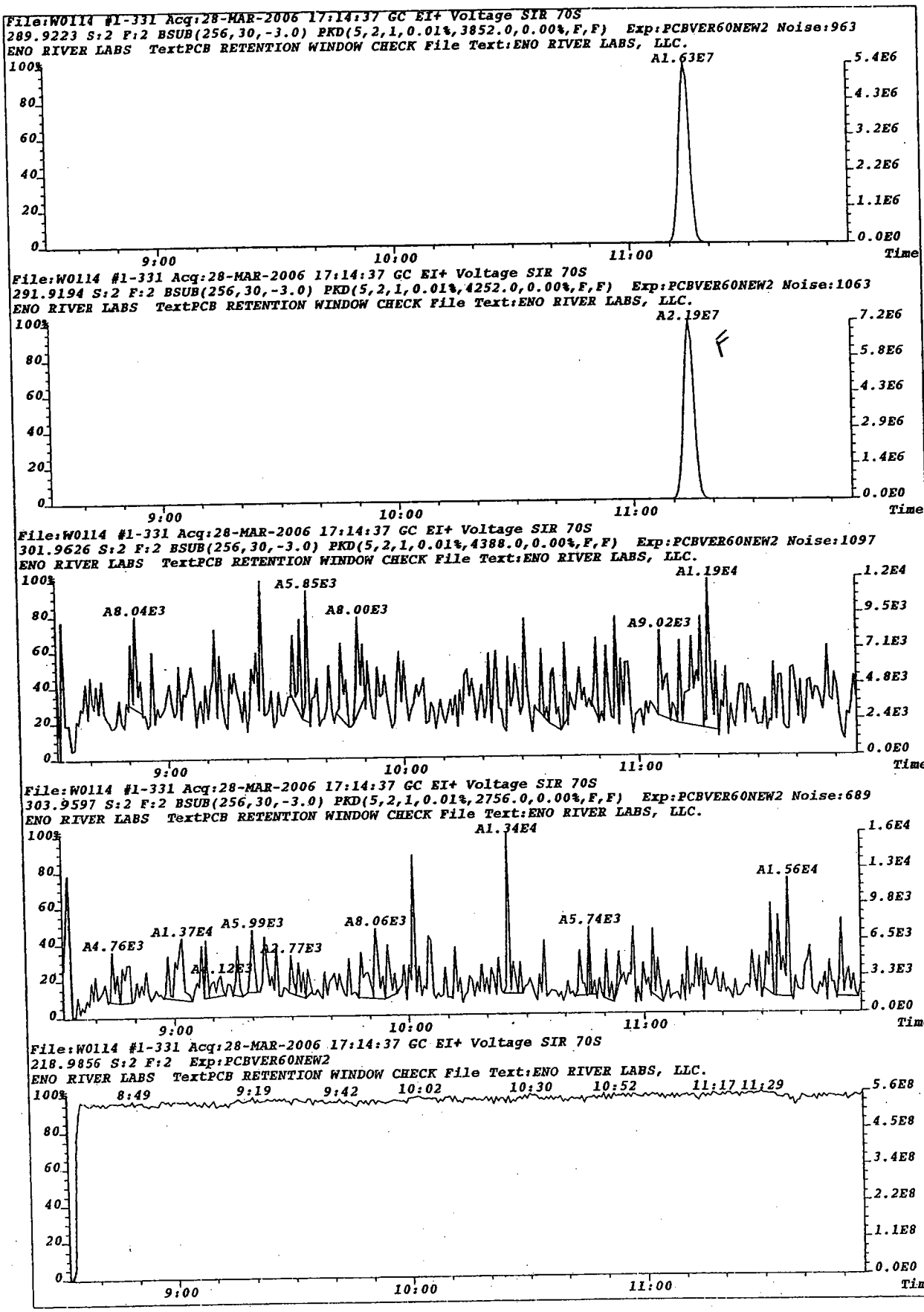
File:W0114 #1-331 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
269.9986 S:2 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,49332.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:12333
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.

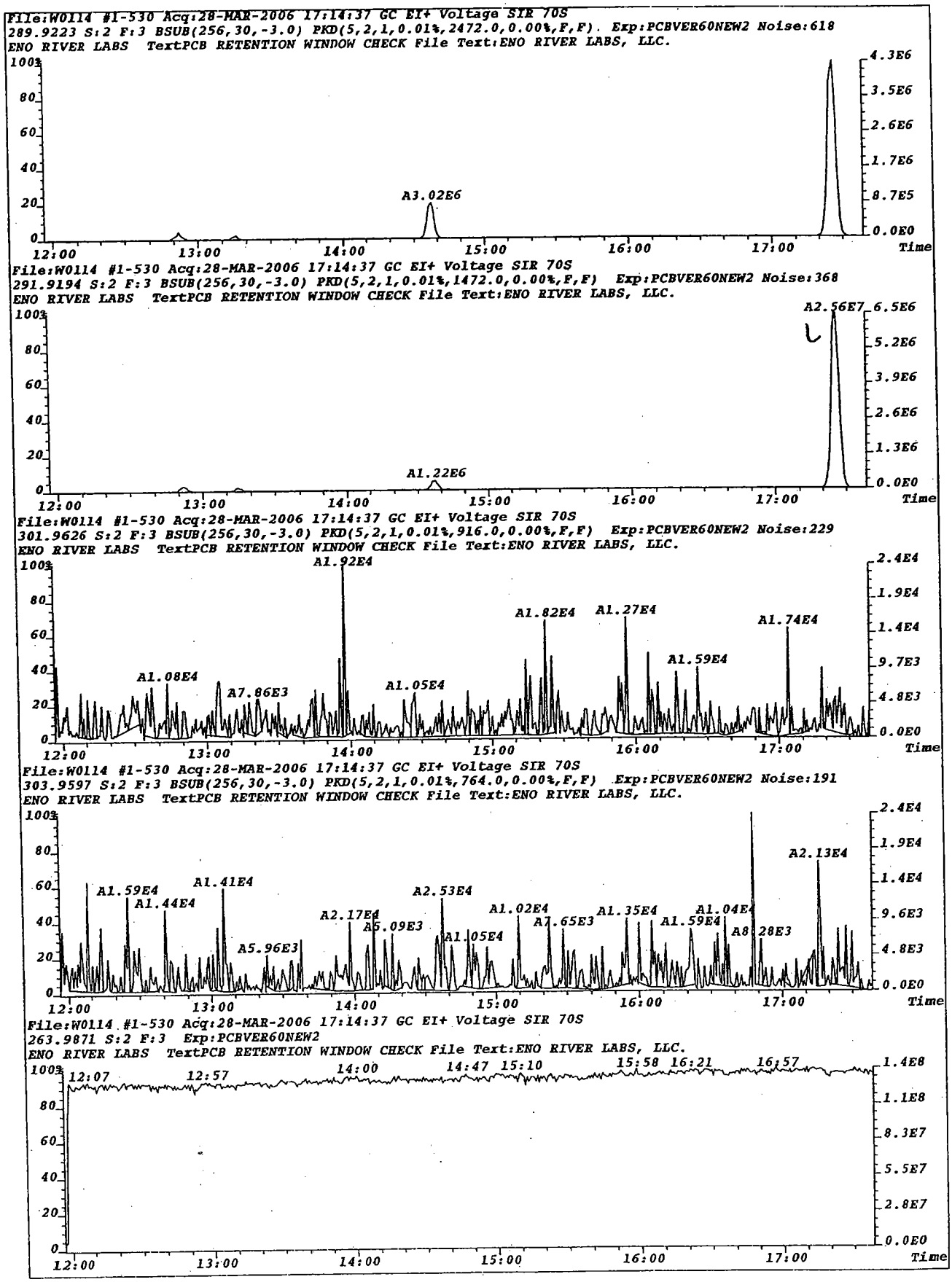


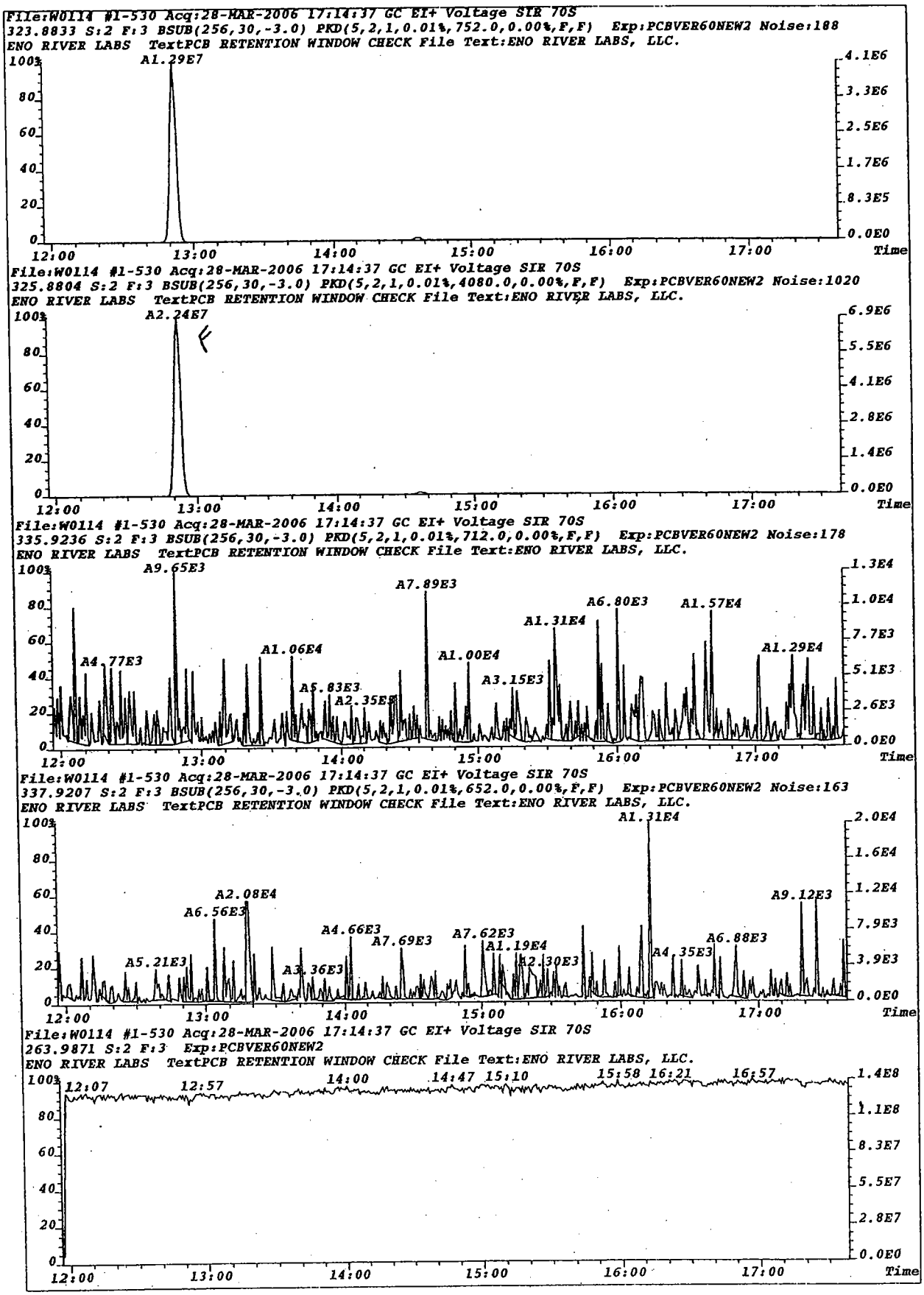
File:W0114 #1-331 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
218.9856 S:2 F:2 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.

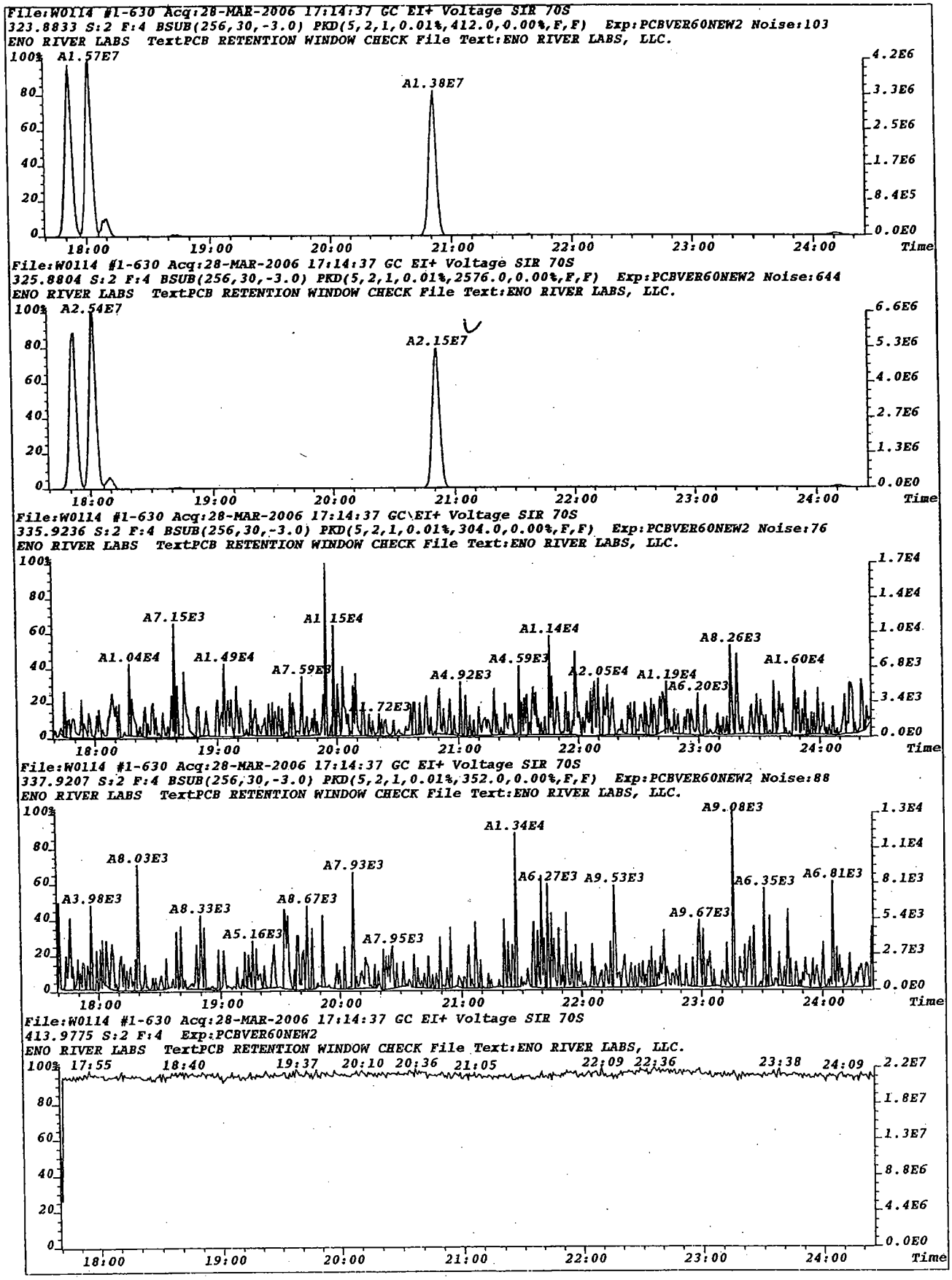


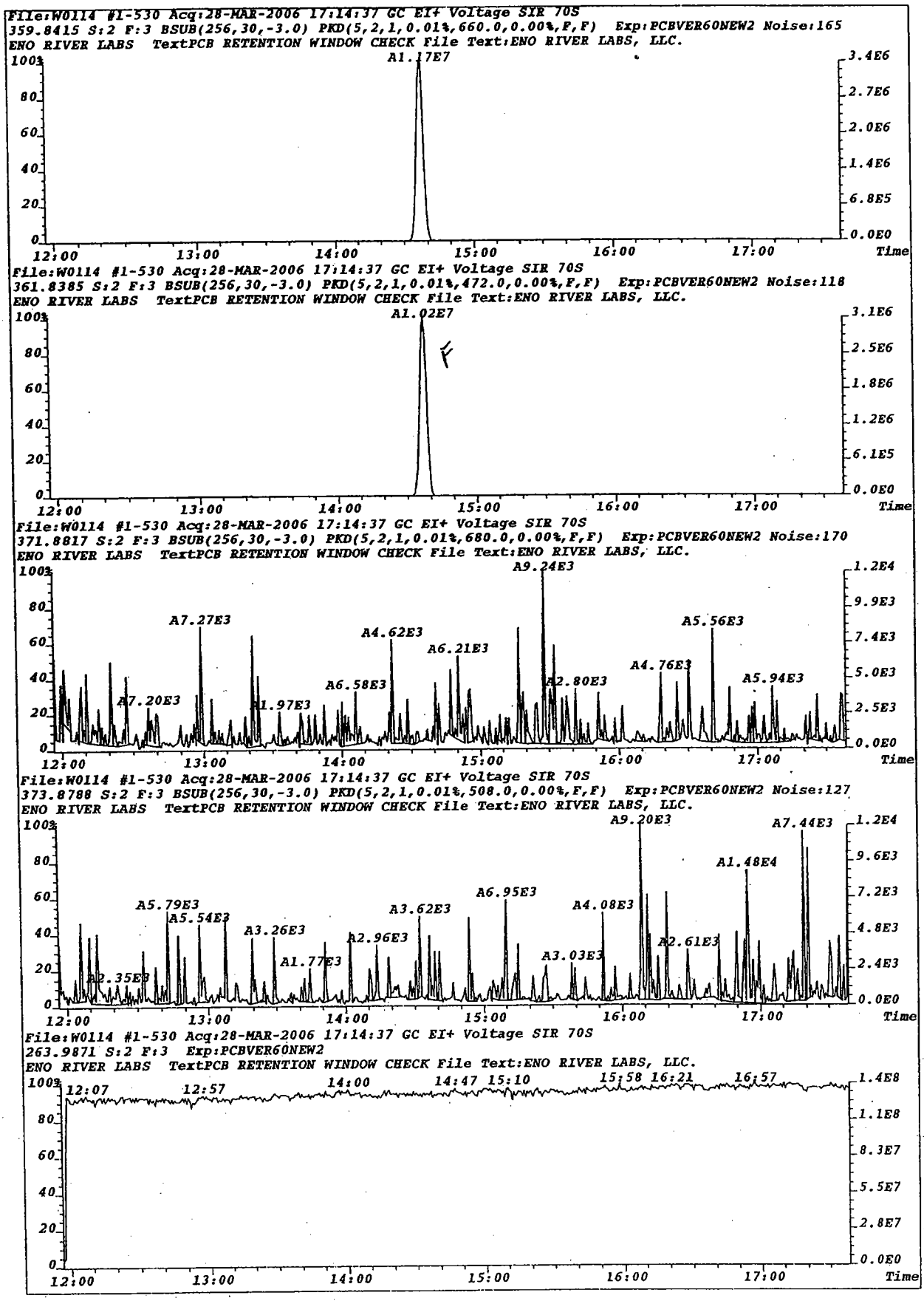

File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
255.9613 S:2 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,5052.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:1263
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A3.38E7
Time
File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
257.9584 S:2 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,712.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:178
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A3.22E7
Time
File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
268.0016 S:2 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,45740.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:11435
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
12:19
12:57
13:28
13:54
14:22
14:42
15:04
15:32
15:53
16:19
16:51
17:12
Time
File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
269.9986 S:2 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,40748.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:10187
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A5.25E4
Time
File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
263.9871 S:2 F:3 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
12:07
12:57
14:00
14:47
15:10
15:58
16:21
16:57
Time

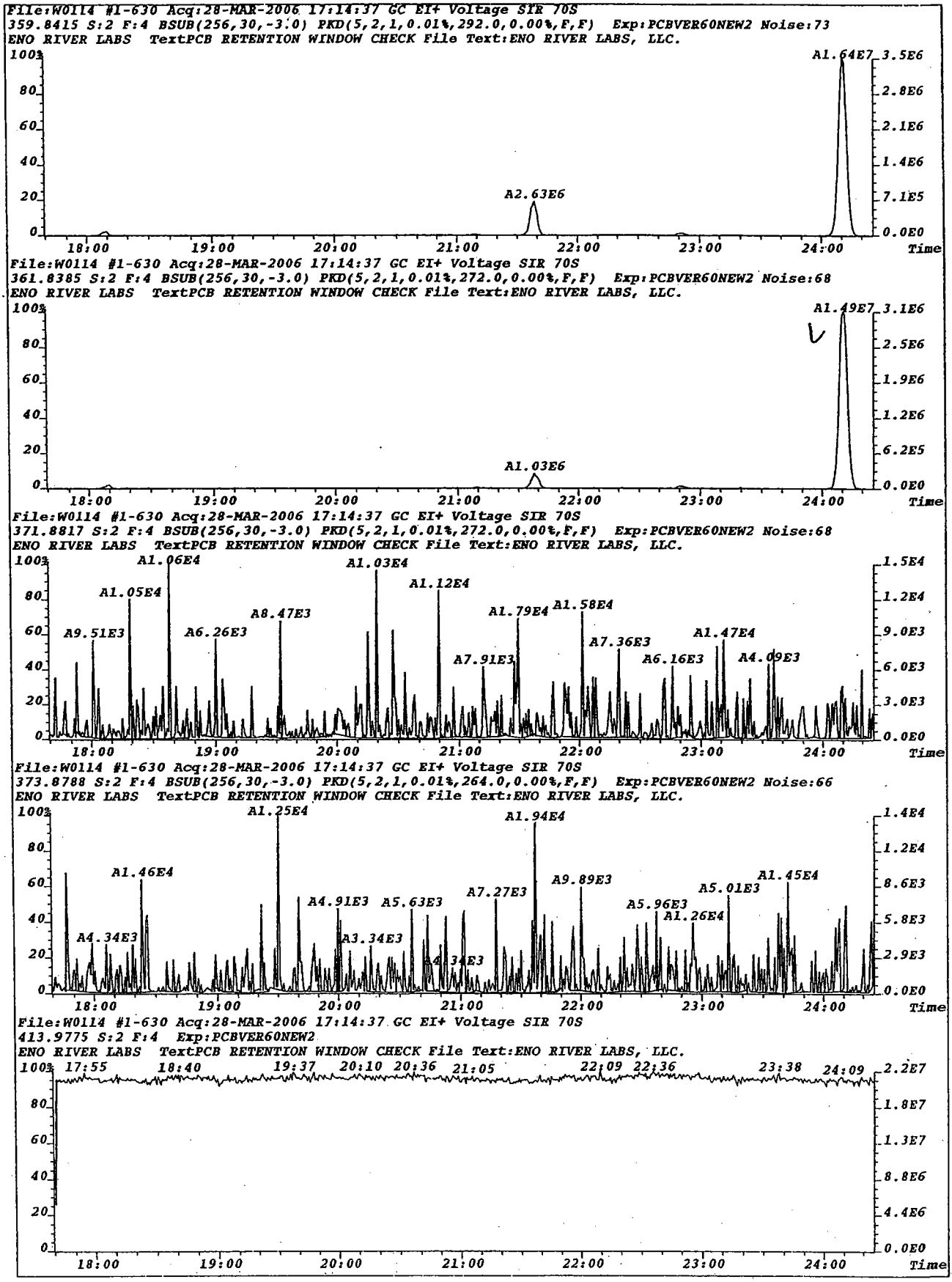

File:W0114 #1-331 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
289.9223 S:2 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,3852.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:963
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.63E7
Time
File:W0114 #1-331 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
291.9194 S:2 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,4252.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:1063
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A2.19E7
F
Time
File:W0114 #1-331 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
301.9626 S:2 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,4388.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:1097
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A8.04E3
A5.85E3
A8.00E3
A9.02E3
A1.19E4
Time
File:W0114 #1-331 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
303.9597 S:2 F:2 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,2756.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:689
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.34E4
A1.56E4
A4.76E3
A1.37E4
A5.99E3
A8.06E3
A5.74E3
Time
File:W0114 #1-331 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
218.9856 S:2 F:2 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
8:49
9:19
9:42
10:02
10:30
10:52
11:17
11:29
Time


File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
289.9223 S:2 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,2472.0,0.00%,F,F). Exp:PCBVER60NEW2 Noise:618
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A3.02E6
Time
File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
291.9194 S:2 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,1472.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:368
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A2.56E7
A1.22E6
Time
File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
301.9626 S:2 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,916.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:229
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.92E4
A1.82E4
A1.27E4
A1.74E4
A1.59E4
A1.08E4
A7.86E3
A1.05E4
Time
File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
303.9597 S:2 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,764.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:191
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A2.13E4
A1.59E4
A1.44E4
A1.41E4
A2.53E4
A2.17E4
A5.09E3
A1.02E4
A7.65E3
A1.35E4
A1.59E4
A1.04E4
A8.28E3
A1.05E4
A5.96E3
Time
File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
263.9871 S:2 F:3 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
12:07
12:57
14:00
14:47
15:10
15:58
16:21
16:57
Time

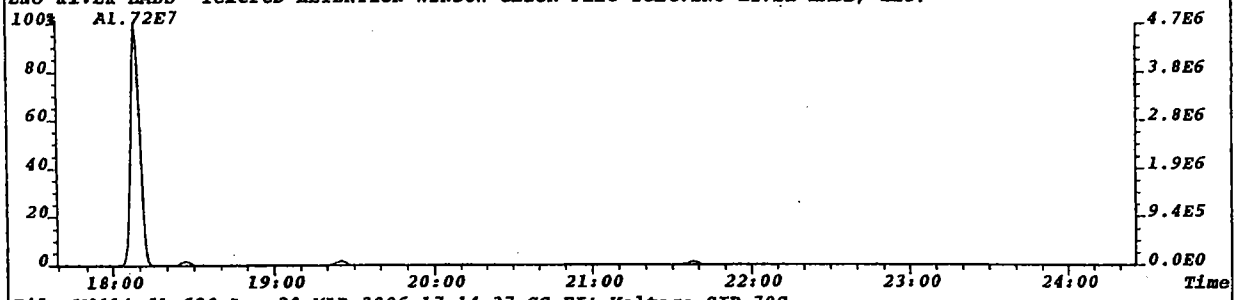

File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
323.8833 S:2 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,752.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:188
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.29E7
File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
325.8804 S:2 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,4080.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:1020
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A2.24E7
File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
335.9236 S:2 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,712.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:178
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A9.65E3
A7.89E3
A6.80E3
A1.57E4
A1.31E4
A1.06E4
A1.00E4
A1.29E4
A4.77E3
A5.83E3
A2.35E3
A3.15E3
File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
337.9207 S:2 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,652.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:163
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.31E4
A2.08E4
A6.56E3
A9.12E3
A4.66E3
A7.69E3
A7.62E3
A1.19E4
A6.88E3
A4.35E3
A5.21E3
A3.36E3
A2.30E3
File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
263.9871 S:2 F:3 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
12:07
12:57
14:00
14:47
15:10
15:58
16:21
16:57
Time


File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
323.8833 S:2 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,412.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:103
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.57E7
A1.38E7
File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
325.8804 S:2 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,2576.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:644
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A2.54E7
A2.15E7
File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC\EI+ Voltage SIR 70S
335.9236 S:2 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,304.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:76
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A7.15E3
A1 15E4
A1.14E4
A8.26E3
A1.04E4
A1.49E4
A7.59E3
A4.59E3
A1.60E4
A4.92E3
A2.05E4
A1.19E4
A6.20E3
File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
337.9207 S:2 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,352.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:88
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A9.08E3
A1.34E4
A8.03E3
A7.93E3
A6.27E3
A9.53E3
A6.35E3
A6.81E3
A3.98E3
A8.33E3
A8.67E3
A9.67E3
A5.16E3
A7.95E3
File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
413.9775 S:2 F:4 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
17:55
18:40
19:37
20:10
20:36
21:05
22:09
22:36
23:38
24:09
18:00
19:00
20:00
21:00
22:00
23:00
24:00
Time

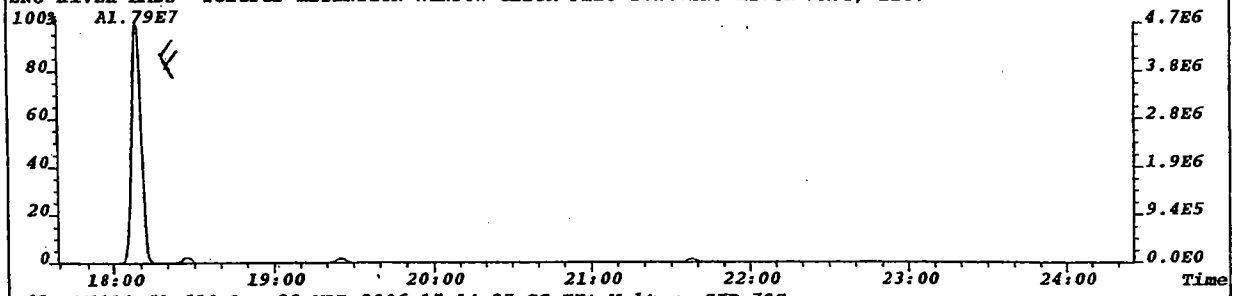

File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
359.8415 S:2 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,660.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:165
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.17E7
Time
File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
361.8385 S:2 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,472.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:118
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.02E7
Time
File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
371.8817 S:2 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,680.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:170
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A9.24E3
A7.27E3
A4.62E3
A6.21E3
A5.56E3
A4.76E3
A6.58E3
A2.80E3
A5.94E3
A7.20E3
A1.97E3
Time
File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
373.8788 S:2 F:3 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,508.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:127
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A9.20E3
A7.44E3
A1.48E4
A6.95E3
A5.79E3
A5.54E3
A3.62E3
A4.08E3
A3.26E3
A2.96E3
A2.61E3
A1.77E3
A3.03E3
A2.35E3
Time
File:W0114 #1-530 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
263.9871 S:2 F:3 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
12:07
12:57
14:00
14:47
15:10
15:58
16:21
16:57
Time


File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
359.8415 S:2 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,292.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:73
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.64E7
A2.63E6
File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
361.8385 S:2 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,272.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:68
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.49E7
A1.03E6
File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
371.8817 S:2 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,272.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:68
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.06E4
A1.03E4
A1.12E4
A1.05E4
A8.47E3
A1.79E4
A1.58E4
A9.51E3
A6.26E3
A7.36E3
A1.47E4
A7.91E3
A6.16E3
A4.09E3
File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
373.8788 S:2 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,264.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:66
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.25E4
A1.94E4
A1.46E4
A9.89E3
A1.45E4
A5.01E3
A4.91E3
A5.63E3
A7.27E3
A5.96E3
A1.26E4
A4.34E3
A3.34E3
File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
413.9775 S:2 F:4 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
17:55
18:40
19:37
20:10
20:36
21:05
22:09
22:36
23:38
24:09
18:00
19:00
20:00
21:00
22:00
23:00
24:00
Time

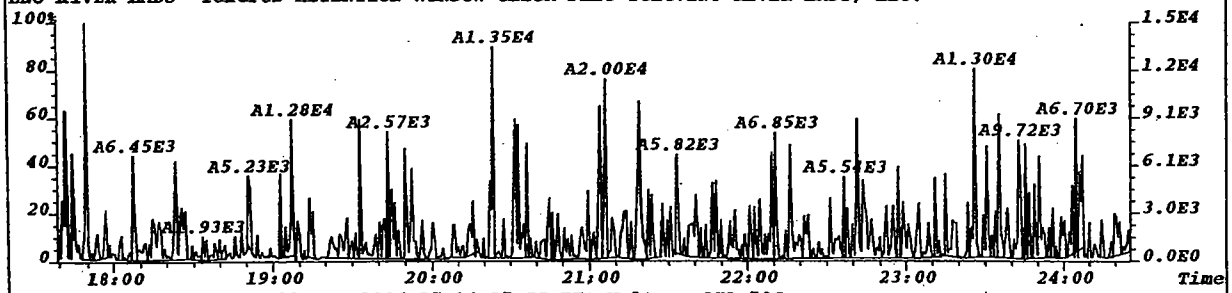
File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
393.8025 S:2 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,272.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:68
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.



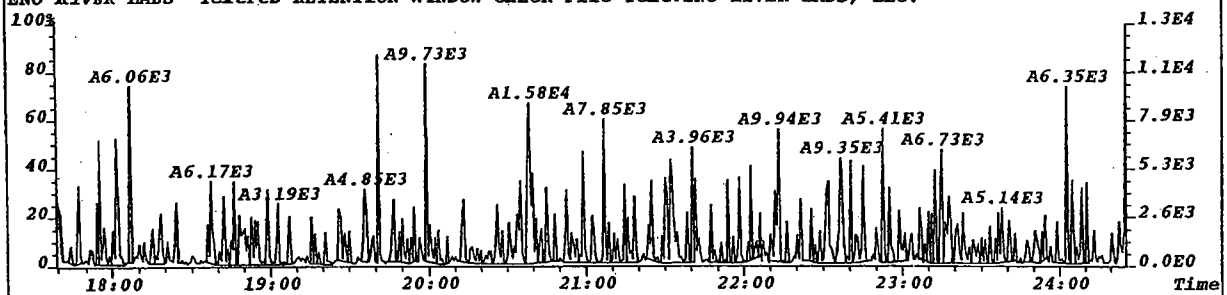
File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
395.7995 S:2 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,284.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:71
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.



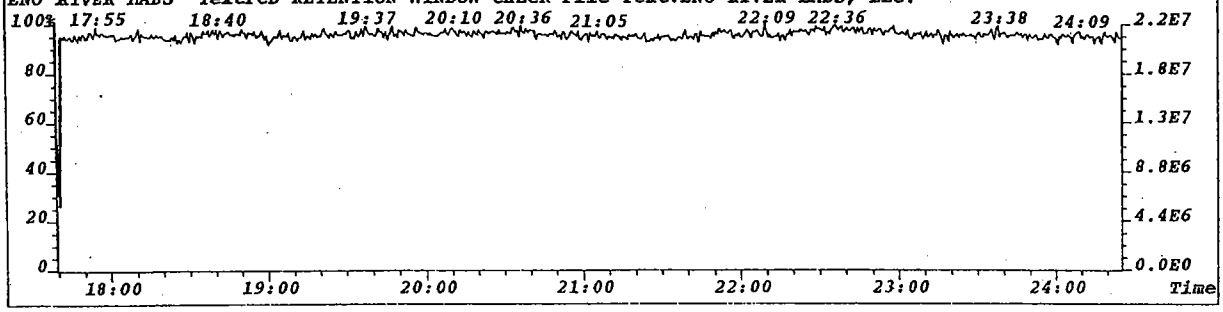
File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
405.8427 S:2 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,304.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:76
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.

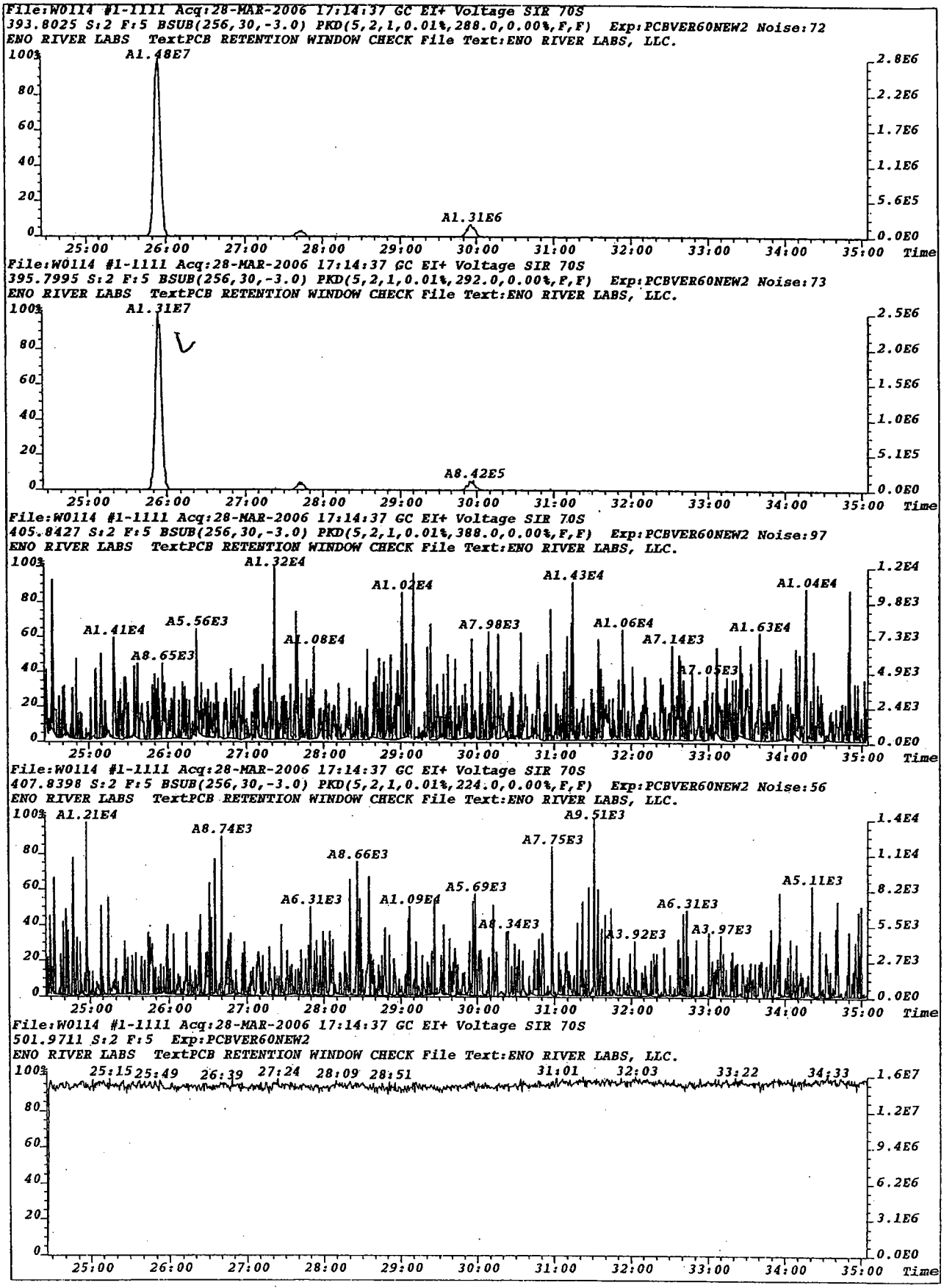


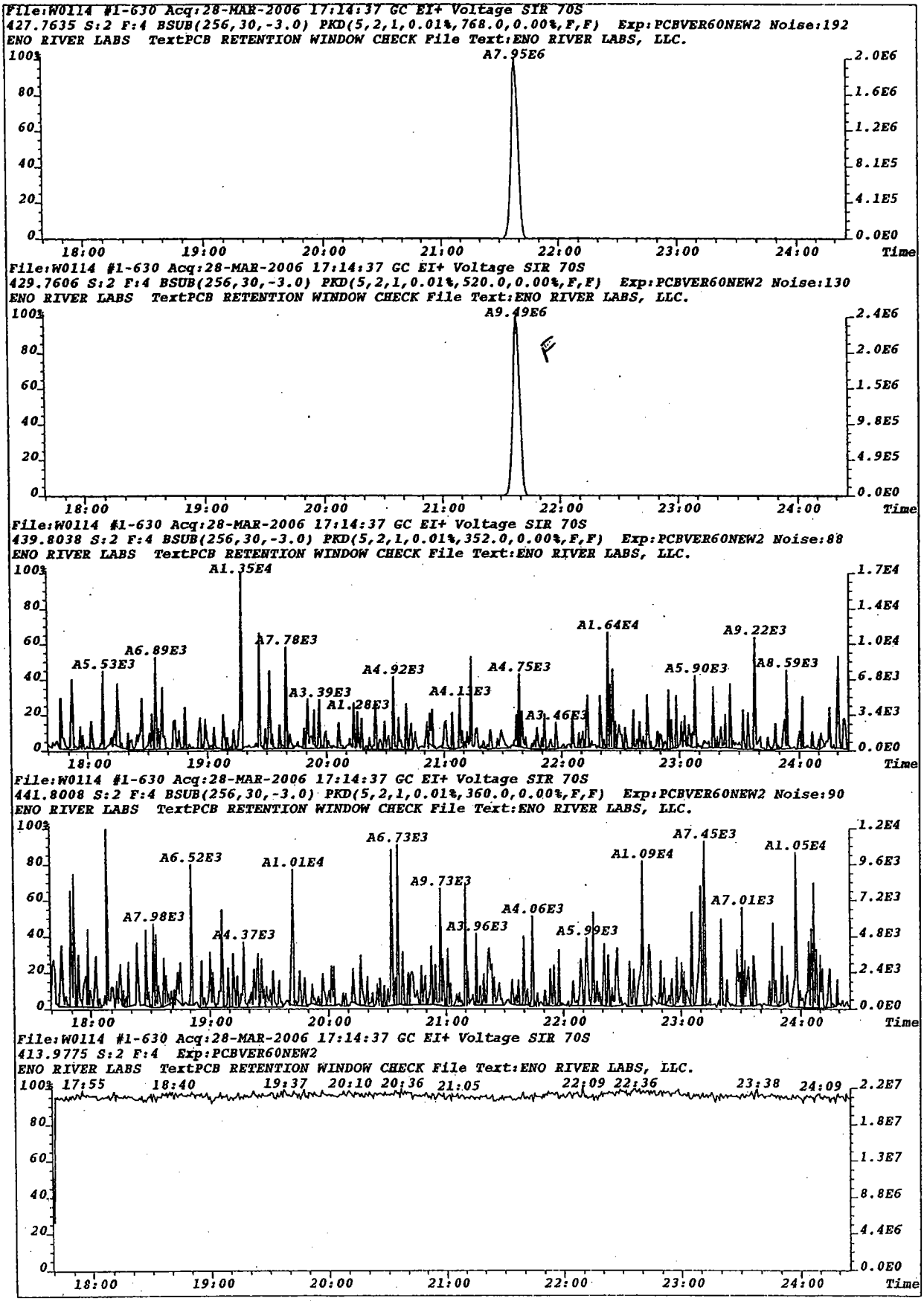
File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
407.8398 S:2 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,332.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:83
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.

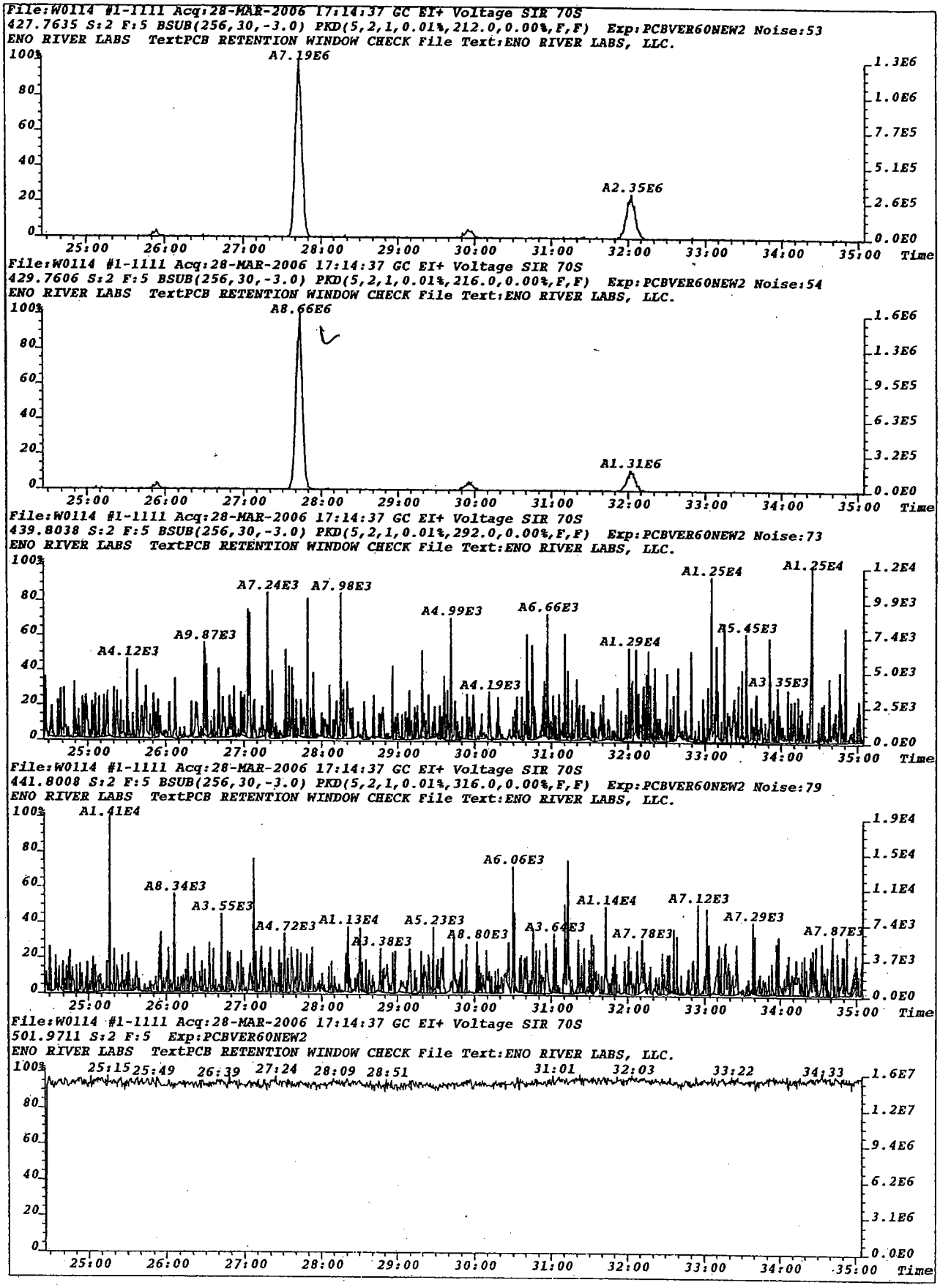


File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
413.9775 S:2 F:4 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.

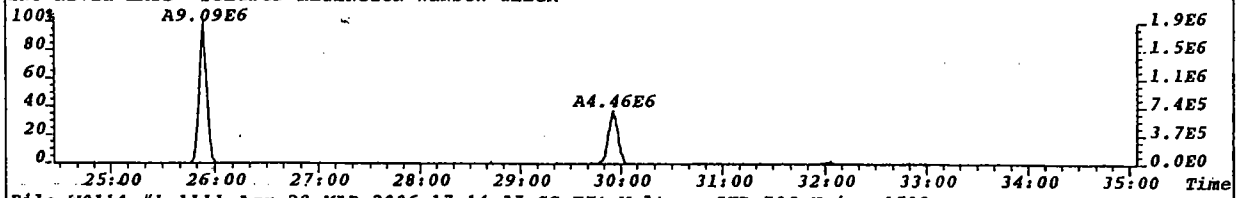



File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
393.8025 S:2 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,288.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:72
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.48E7
A1.31E6
File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
395.7995 S:2 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,292.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:73
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.31E7
A8.42E5
File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
405.8427 S:2 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,388.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:97
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.32E4
A1.02E4
A1.43E4
A1.04E4
A1.41E4
A5.56E3
A1.08E4
A7.98E3
A1.06E4
A7.14E3
A1.63E4
A8.65E3
A7.05E3
File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
407.8398 S:2 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,224.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:56
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.21E4
A8.74E3
A9.51E3
A7.75E3
A8.66E3
A5.69E3
A5.11E3
A6.31E3
A1.09E4
A6.31E3
A8.34E3
A3.92E3
A3.97E3
File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
501.9711 S:2 F:5 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
25:15 25:49 26:39 27:24 28:09 28:51 31:01 32:03 33:22 34:33
25:00 26:00 27:00 28:00 29:00 30:00 31:00 32:00 33:00 34:00 35:00 Time

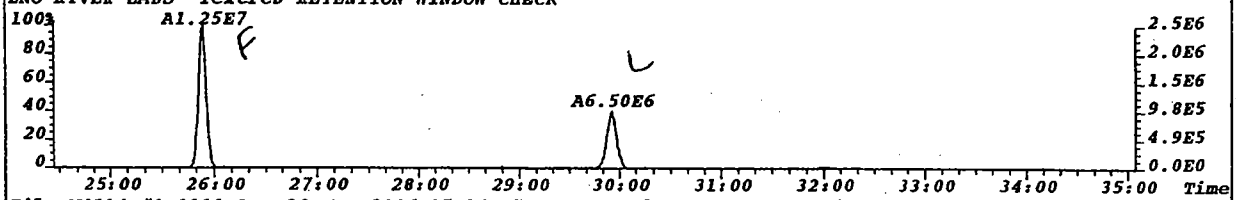

File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
427.7635 S:2 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,768.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:192
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A7.95E6
Time
File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
429.7606 S:2 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,520.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:130
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A9.49E6
Time
File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
439.8038 S:2 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,352.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:88
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.35E4
A7.78E3
A6.89E3
A5.53E3
A4.92E3
A3.39E3
A1.28E3
A4.13E3
A4.75E3
A3.46E3
A1.64E4
A5.90E3
A9.22E3
A8.59E3
Time
File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
441.8008 S:2 F:4 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,360.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:90
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A6.73E3
A7.45E3
A6.52E3
A1.01E4
A1.09E4
A1.05E4
A9.73E3
A7.01E3
A7.98E3
A4.06E3
A3.96E3
A4.37E3
A5.99E3
Time
File:W0114 #1-630 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
413.9775 S:2 F:4 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
17:55
18:40
19:37
20:10
20:36
21:05
22:09
22:36
23:38
24:09
Time


File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
427.7635 S:2 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,212.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:53
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A7.19E6
A2.35E6
File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
429.7606 S:2 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,216.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:54
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A8.66E6
A1.31E6
File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
439.8038 S:2 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,292.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:73
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A4.12E3
A9.87E3
A7.24E3
A7.98E3
A4.99E3
A6.66E3
A4.19E3
A1.29E4
A1.25E4
A5.45E3
A3.35E3
A1.25E4
File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
441.8008 S:2 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,316.0,0.00%,F,F) Exp:PCBVER60NEW2 Noise:79
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
A1.41E4
A8.34E3
A3.55E3
A4.72E3
A1.13E4
A3.38E3
A5.23E3
A8.80E3
A6.06E3
A3.64E3
A1.14E4
A7.78E3
A7.12E3
A7.29E3
A7.87E3
File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
501.9711 S:2 F:5 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK File Text:ENO RIVER LABS, LLC.
25:15
25:49
26:39
27:24
28:09
28:51
31:01
32:03
33:22
34:33
Time

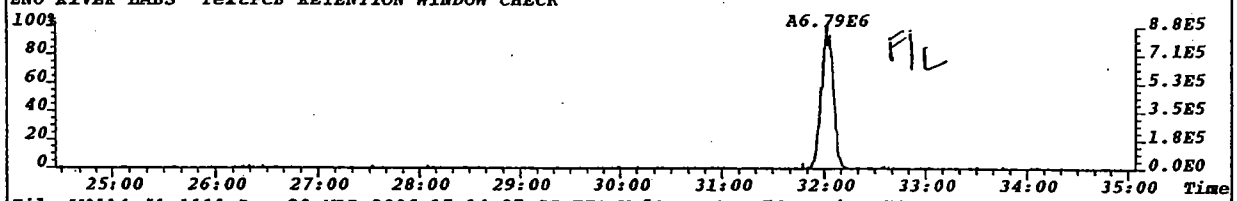
File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S Noise:61
461.7245 S:2 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,244.0,0.00%,F,F) Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK



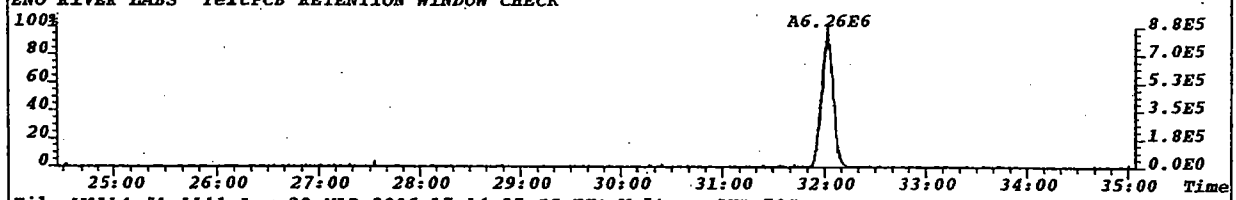
File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S Noise:1509
463.7216 S:2 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,6036.0,0.00%,F,F) Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK



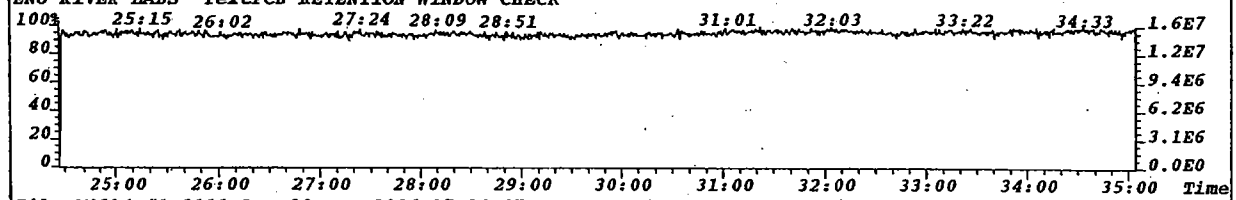
File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S Noise:61
497.6826 S:2 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,244.0,0.00%,F,F) Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK



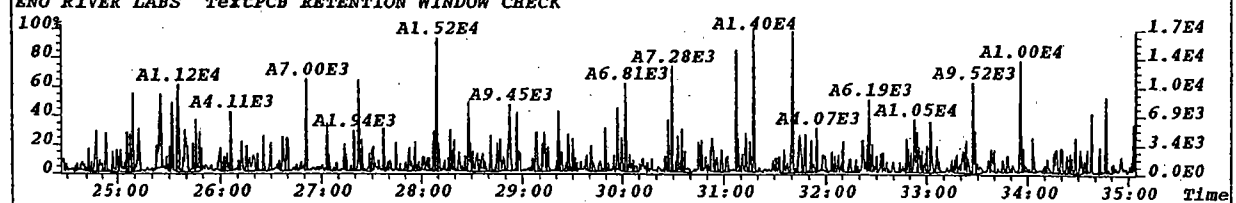
File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S Noise:70
499.6797 S:2 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,280.0,0.00%,F,F) Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK



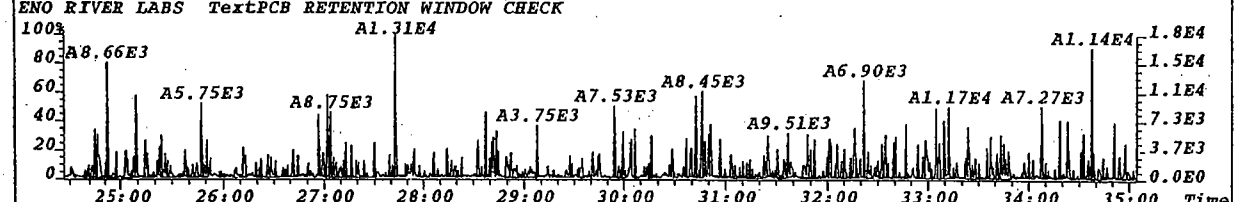
File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S
501.9711 S:2 F:5 Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK

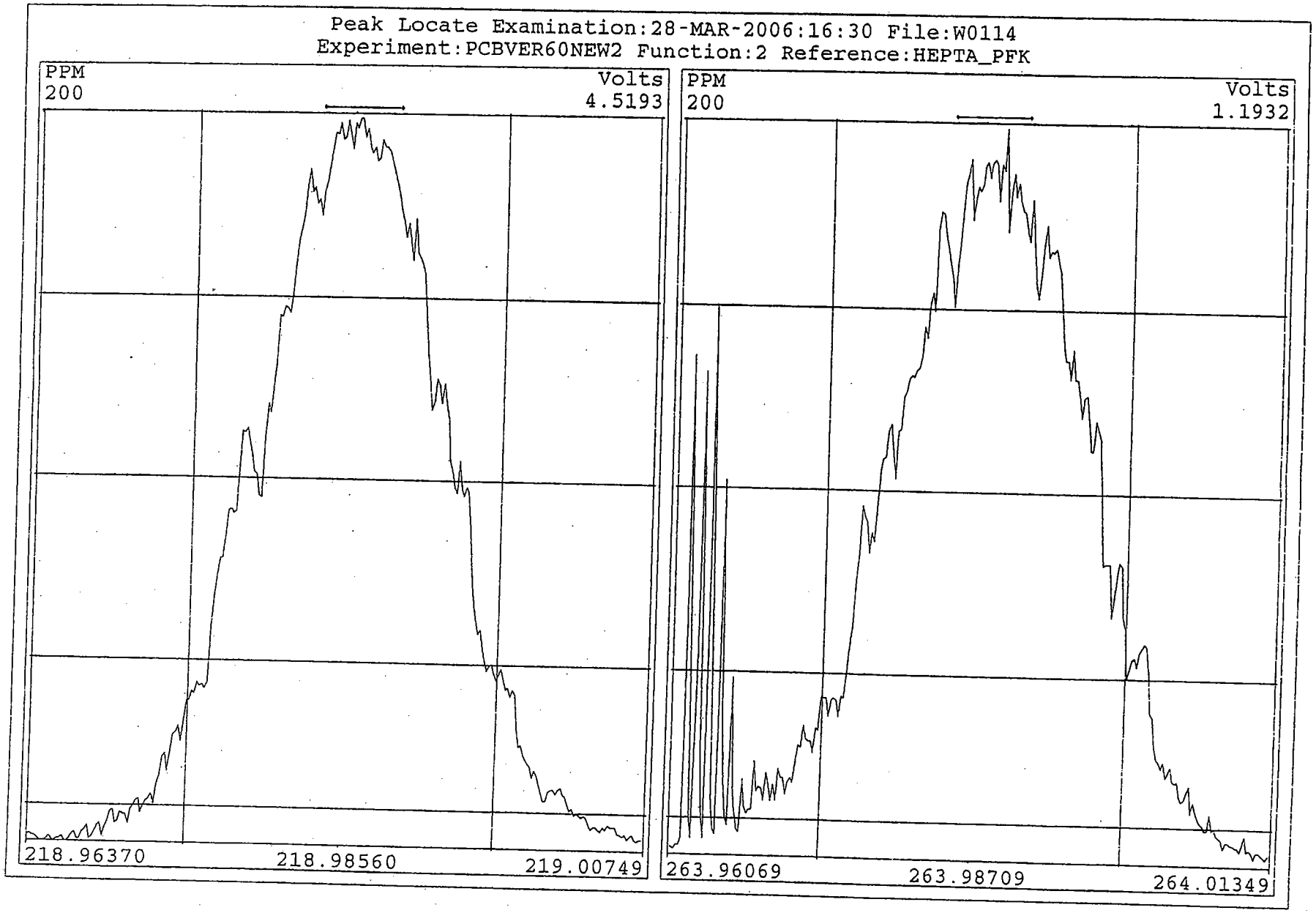


File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S Noise:140
509.7229 S:2 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,560.0,0.00%,F,F) Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK



File:W0114 #1-1111 Acq:28-MAR-2006 17:14:37 GC EI+ Voltage SIR 70S Noise:109
511.7199 S:2 F:5 BSUB(256,30,-3.0) PKD(5,2,1,0.01%,436.0,0.00%,F,F) Exp:PCBVER60NEW2
ENO RIVER LABS TextPCB RETENTION WINDOW CHECK




Peak Locate Examination:28-MAR-2006:16:30 File:W0114
Experiment:PCBVER60NEW2 Function:2 Reference:HEPTA_PFK
PPM
200
Volts
4.5193
218.96370
218.98560
219.00749
PPM
200
Volts
1.1932
263.96069
263.98709
264.01349