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Confidential Report

Environmental Testing of Private Residences
PCB Litigation – Crystal Springs, Mississippi

3TM Project Reference: 3TM-DNA-102000-03

prepared for

David Nutt & Associates
Jackson, Mississippi

November 16, 2000

3TM International, Inc.

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Houston, Texas 77077
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Disclaimer

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3TM International has completed this work using generally accepted environmental engineering practice and judgement for such work, written technical and nontechnical information provided to us by others, verbal information conveyed to us by others, and observations made during the conduct of the work. This characterization was limited to information that was reasonably ascertainable at the time of the work. This Report was prepared for the use of the Client only, and is not intended to be relied upon by any other party, without prior written notification to and express written consent by 3TM International.

Any analyses, data, results, observations, findings, conclusions, or recommendations presented in this Report refer specifically to information either known to us or made available to us at the time of the work. 3TM International disclaims knowledge of any environmental problems that were not apparent during the work, but became known some time after the work was completed. Further, this Report presents findings that are limited to the scope of the work described, including only those locations for which environmental samples were collected and tested.

This Assessment may contain informational gaps, inconsistencies, or be otherwise incomplete due to the unavailability or questionability of certain information. 3TM International disclaims knowledge of any environmental problems that were not apparent during the Assessment, but became known some time after the Assessment was completed. Although reasonable care was exercised in the execution of the Assessment, 3TM International makes no warranty, express or implied, as to the complete accuracy, usefulness, and applicability of this Assessment in the future.

This Report in no way suggests a "clean bill of health" for the sites assessed, portions of the sites assessed, portions of the sites not assessed, or that the sites are in compliance with any or all environmental or other regulations, except as stated herein. 3TM International recommends that additional field studies be undertaken, including field sampling and analysis, at portions of the sites that were noted in this Report that could possibly represent present or future environmental liabilities, or at portions of the sites that may pose present or future environmental liabilities, in order to confirm the nature and extent of such environmental liabilities, if any.

3TM INTERNATIONAL, INC.

1500 S. DAIRY ASHFORD, SUITE 225

HOUSTON, TEXAS 77077

PHONE: (281) 497-1230

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November 16, 2000

Confidential

Ms. Meg McAlister
Attorney at Law
David Nutt & Associates
666 North Street
Suite 105a
Jackson, Mississippi 39202

Re: PCB Litigation – Crystal Springs, Mississippi
3TM Project Reference: 3TM-DNA-102000-03
Environmental Testing of Private Residences

Dear Ms. McAlister:

3TM International, Inc. is pleased to submit this Summary Report of testing completed at the following residences in Crystal Springs, Mississippi (hereinafter referred to as the "sites"):

- ▶ Site #1
406 Lee Avenue
Crystal Springs, Mississippi
- ▶ Site #2
407 N. Jackson Street
Crystal Springs, Mississippi
- ▶ Site #3
403 N. Jackson Street
Crystal Springs, Mississippi
- ▶ Site #4
412 Lee Avenue
Crystal Springs, Mississippi

1.0 Environmental Sample Collection and Testing

1.1 Overview

3TM International collected soil samples from several potentially contaminated areas at four residences in Crystal Springs, Mississippi. These samples were collected by our Field Supervisor (Mr. Tommy Martin), who selected the sites based on information from David Nutt & Associates, interviews with residence homeowners, previous sampling events conducted by Kuhlman Electric and Borg Warner (through their contractors), and suspected

areas where backfill or low spots were visually apparent. This initial group of samples is hereinafter referred to as "background samples" for purposes of this Report. The samples were collected on October 24-25, 2000, prior to the remediation and/or removal of contamination by Kulhman Electric, Borg Warner, or their agents.

Sample locations are shown in the site sketches provided in Appendix A, and soil sample collection logs are provided in Appendix B. Photographs were taken of the sampling locations, and are being sent to you along with a photograph log under separate cover.

1.2 Sampling Protocol

3TM International executed this work using internal guidelines for the collection of environmental samples in shallow soil media that are potentially contaminated with polychlorinated biphenols (PCBs), volatile hydrocarbons, and semi-volatile hydrocarbons. The guidelines conform to generally accepted scientific and engineering practice for such work.

These guidelines are designed to: [1] ensure that all field data is collected in accordance with generally accepted scientific and engineering practice for such work, [2] ensure that all field data is collected in accordance with standard guidelines for the operation of field sampling equipment and devices, as determined by the manufacturer, and [3] fully document the collection of all field data. All field activities were documented in such a manner as to allow anyone, including persons who were not at the site at the time that the activities were performed, to reconstruct the activities performed.

3TM International collected all samples using a hand auger. The auger was decontaminated prior to the collection of each sample by scrubbing off dirt and debris, rinsing the sampler with potable water, scrubbing the sampler with Alconox liquid detergent, rinsing with potable water, and rinsing with de-ionized water.

1.3 Analytical Testing

All samples were packaged on ice and shipped to Xenco Laboratories, a commercial analytical testing laboratory in Houston, Texas. All background samples were tested for polychlorinated biphenols (PCBs) using EPA Method 8082. The three "hottest" samples at each or the four residences were then selected and tested as well for volatile hydrocarbons using EPA Method 8260 and semi-volatile hydrocarbons using EPA Method 8270.

2.0 Findings

2.1 Analytical Testing Results

Analytical testing indicated the presence of several contaminants at the sites, including PCBs and semi-volatile hydrocarbons, as discussed below.

2.2 Site #1

406 Lee Avenue

Crystal Springs, Mississippi

Sample ID: BSO1 - BS20

Contaminants:

- ▶ PCB-1260 at concentrations ranging from 17 to 2470 ug/kg
- ▶ Maximum PCB concentration at BSO3 = 2470 ug/kg
- ▶ 3 samples indicated PCB concentrations > 1000 ug/kg:

BSO3, BS16, and BS17

- ▶ A variety of semi-volatile hydrocarbons were detected that appear to be related to creosote or similar type wastes:

BSO3:

Benzo(a)anthracene	0.239	mg/kg
Benzo(a)pyrene	0.346	mg/kg
Benzo(g,h,i)perylene	0.079	mg/kg
Chrysene	0.413	mg/kg
Fluoranthene	0.620	mg/kg
Indeno[1,2,3-c,d]pyrene	0.139	mg/kg
Phenanthrene	0.220	mg/kg
Pyrene	0.561	mg/kg

BS16:

Benzo(a)anthracene	0.199	mg/kg
Benzo(a)pyrene	0.276	mg/kg
Benzo(b)fluoranthene	0.354	mg/kg
Benzo(g,h,i)perylene	0.167	mg/kg
Benzo(k)fluoranthene	0.338	mg/kg
Chrysene	0.315	mg/kg
Fluoranthene	0.520	mg/kg
Indeno[1,2,3-c,d]pyrene	0.229	mg/kg
Phenanthrene	0.144	mg/kg
Pyrene	0.390	mg/kg

BS17:

Benzo(a)anthracene	0.335	mg/kg
Benzo(a)pyrene	0.422	mg/kg
Benzo(b)fluoranthene	0.077	mg/kg
Benzo(g,h,i)perylene	0.201	mg/kg
Benzo(k)fluoranthene	0.077	mg/kg
Chrysene	0.511	mg/kg
Fluoranthene	0.835	mg/kg

Indeno(1,2,3-c,d)pyrene	0.269	mg/kg
Phenanthrene	0.252	mg/kg
Pyrene	0.631	mg/kg

- ▶ No volatile hydrocarbons were detected

2.3 Site #2

407 N. Jackson Street
Crystal Springs, Mississippi

Sample ID: BS21 - BS27

Contaminants:

- ▶ PCB-1260 at concentrations ranging from 50 to 178 ug/kg
- ▶ A variety of semi-volatile hydrocarbons were detected that appear to be related to creosote or similar type wastes:

BS22:

Fluoranthene	0.092	mg/kg
Phenanthrene	0.078	mg/kg
Pyrene	0.075	mg/kg

BS25:

Benzo(a)anthracene	0.074	mg/kg
Benzo(a)pyrene	0.077	mg/kg
Chrysene	0.121	mg/kg
Fluoranthene	0.151	mg/kg
Pyrene	0.144	mg/kg

- ▶ No volatile hydrocarbons were detected

2.4 Site #3

403 N. Jackson Street
Crystal Springs, Mississippi

Sample ID: BS28 - BS39

Contaminants:

- ▶ PCB-1260 at concentrations ranging from 37 to 609 ug/kg
- ▶ A variety of semi-volatile hydrocarbons were detected that appear to be related to creosote or similar type wastes:

BS28:

Benzo(a)pyrene	0.076	mg/kg
Chrysene	0.095	mg/kg
Fluoranthene	0.160	mg/kg
Phenanthrene	0.092	mg/kg
Pyrene	0.139	mg/kg

BS36:

Acenaphthylene	0.367	mg/kg
Anthracene	0.188	mg/kg
Benzo(a)anthracene	0.639	mg/kg
Benzo(a)pyrene	0.816	mg/kg
Benzo(b)fluoranthene	0.274	mg/kg
Benzo(k)fluoranthene	0.274	mg/kg
Chrysene	0.891	mg/kg
Fluoranthene	1.680	mg/kg
2Methylnaphthalene	0.078	mg/kg
Phenanthrene	1.181	mg/kg
Pyrene	1.450	mg/kg

BS38:

Acenaphthylene	0.142	mg/kg
Anthracene	0.080	mg/kg
Benzo(a)anthracene	0.262	mg/kg
Benzo(a)pyrene	0.325	mg/kg
Benzo(b)fluoranthene	0.112	mg/kg
Benzo(g,h,i)perylene	0.115	mg/kg
Benzo(k)fluoranthene	0.112	mg/kg
Chrysene	0.354	mg/kg
Fluoranthene	0.646	mg/kg
Indeno(1,2,3-c,d)pyrene	0.146	mg/kg
Phenanthrene	0.441	mg/kg
Pyrene	0.513	mg/kg

- ▶ No volatile hydrocarbons were detected

2.5 Site #4

412 Lee Avenue
Crystal Springs, Mississippi

Sample ID: BS40 - BS47

Contaminants:

- ▶ PCB-1260 at concentrations ranging from 271 to 5440 ug/kg

- ▶ Maximum PCB concentration at BS47 = 5440 ug/kg
- ▶ 3 samples indicated PCB concentrations > 1000 ug/kg:

BS45, BS46, and BS47

- ▶ A variety of semi-volatile hydrocarbons were detected that appear to be related to creosote or similar type wastes:

BS45:

Benzo(a)anthracene	0.258	mg/kg
Benzo(a)pyrene	0.374	mg/kg
Benzo(b)fluoranthene	0.072	mg/kg
Benzo(g,h,i)perylene	0.117	mg/kg
Benzo(k)fluoranthene	0.074	mg/kg
Chrysene	0.436	mg/kg
Fluoranthene	0.749	mg/kg
Indeno(1,2,3-c,d)pyrene	0.176	mg/kg
Phenanthrene	0.238	mg/kg
Pyrene	0.548	mg/kg

BS46

Acenaphthylene	0.186	mg/kg
Anthracene	0.246	mg/kg
Benzo(a)anthracene	0.742	mg/kg
Benzo(a)pyrene	0.936	mg/kg
Benzo(b)fluoranthene	0.207	mg/kg
Benzo(g,h,i)perylene	0.265	mg/kg
Benzo(k)fluoranthene	0.207	mg/kg
Chrysene	0.984	mg/kg
Dibenz(a,h)anthracene	0.076	mg/kg
Fluoranthene	1.590	mg/kg
Fluorene	0.117	mg/kg
Indeno(1,2,3-c,d)pyrene	0.387	mg/kg
2Methylnaphthalene	0.074	mg/kg
Naphthalene	0.289	mg/kg
Phenanthrene	0.984	mg/kg
Pyrene	1.380	mg/kg

BS47

Anthracene	0.085	mg/kg
Benzo(a)anthracene	0.616	mg/kg
Benzo(a)pyrene	0.821	mg/kg
Benzo(b)fluoranthene	0.170	mg/kg
Benzo(g,h,i)perylene	0.253	mg/kg
Benzo(k)fluoranthene	0.170	mg/kg

Chrysene	0.905	mg/kg
Fluoranthene	1.380	mg/kg
Indeno(1,2,3-c,d)pyrene	0.355	mg/kg
Phenanthrene	0.418	mg/kg
Pyrene	1.100	mg/kg

- ▶ No volatile hydrocarbons were detected

2.6 Complete Analytical Testing Results

The complete analytical testing results for PCBs are shown in Appendix C. The complete analytical testing results for volatile hydrocarbons and semi-volatile hydrocarbons are shown in Appendix D.

2.7 Significance of Findings


The findings should be considered in light of the following:

- ▶ The field sampling program was limited in scope, both in terms of the number of sampling points, the sampling depths, the number of samples collected and tested at each sampling point, and the suite of contaminants tested in the laboratory.
- ▶ Due to the nature of the environmental conditions at the sites, and the environmental fate and transport mechanisms by which the contaminants were transported to and impacted (or could have impacted) the sites, it is possible that both the presence and concentration of contaminants can vary significantly by even a few feet or less.
- ▶ Therefore, the results presented herein do not necessarily represent the maximum horizontal or vertical extent of contamination that could potentially exist at the sites, the maximum concentrations of any contaminant that could exist at any given sampling point, or the complete suite of contaminants that could exist at any given sampling location.

3.0 Closing

3TM International appreciates the opportunity to assist you on this work. If you have any questions, please feel free to call me.

Sincerely,
3TM INTERNATIONAL, INC.

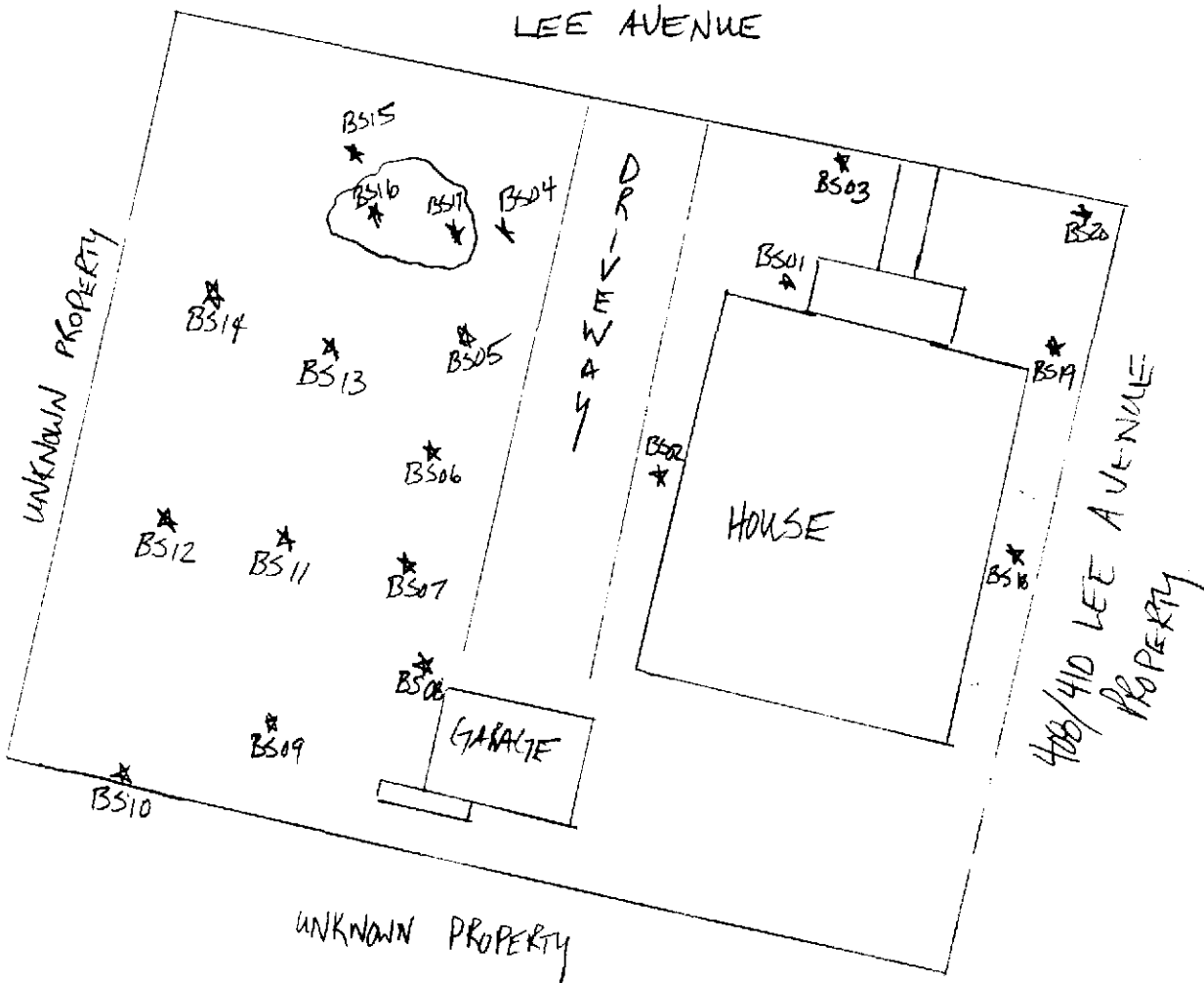


Randy D. Horsak
Principal

enclosure: 8 copies of Report

Appendix A
Site Sketches of Sampling Locations

PLANT



North ↑

☒ Sample Location

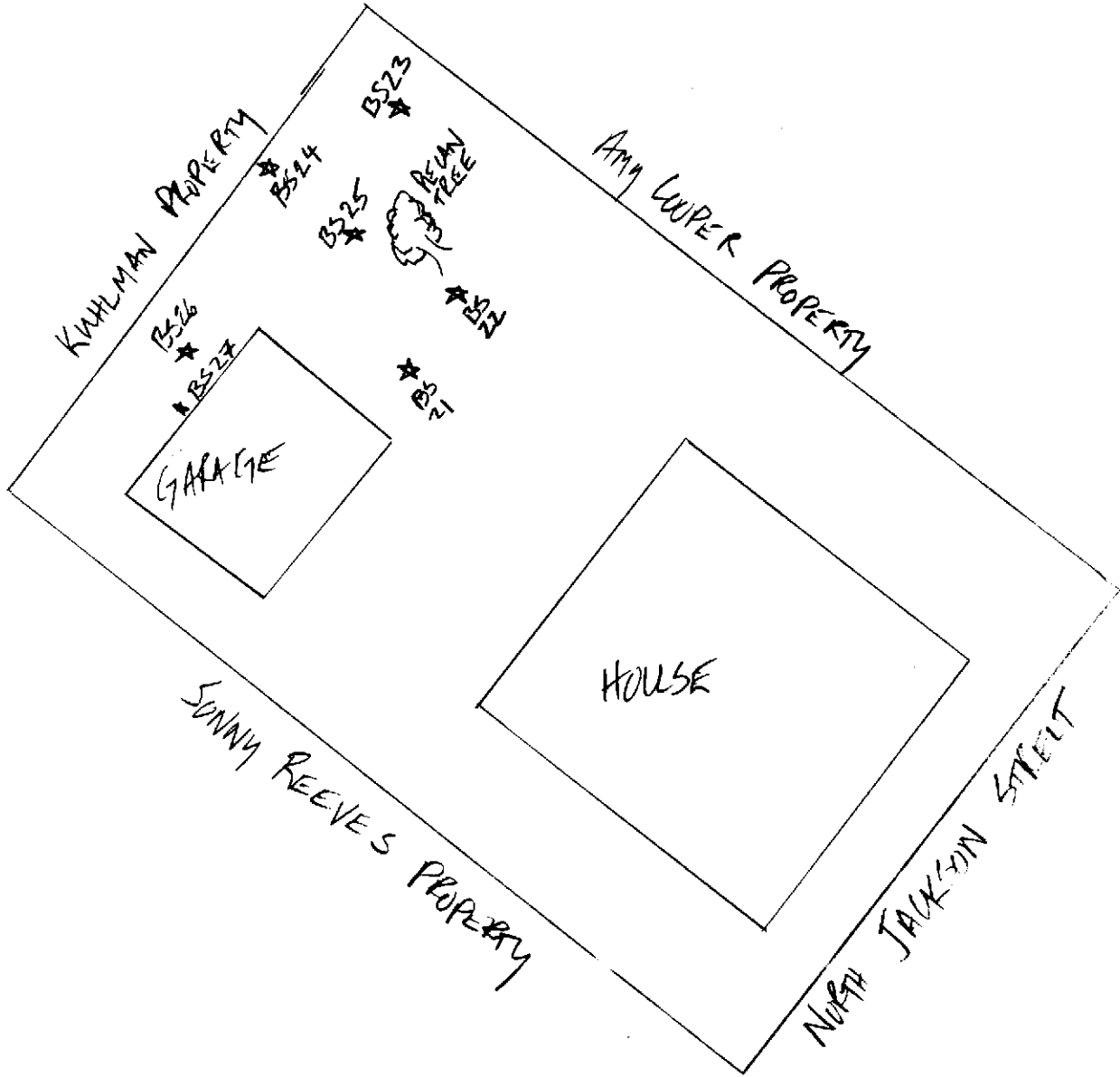
SITE #1

PCB LITIGATION
CRYSTAL SPRINGS, MISSISSIPPI
SITE ADDRESS: 406 LEE AVENUE
SITE LOCATION:
SAMPLE ID: 4BSXX

SITE SKETCH

(NOT TO SCALE)

3TM INTERNATIONAL, INC.
Houston, Texas



North ↑

☒ Sample Location

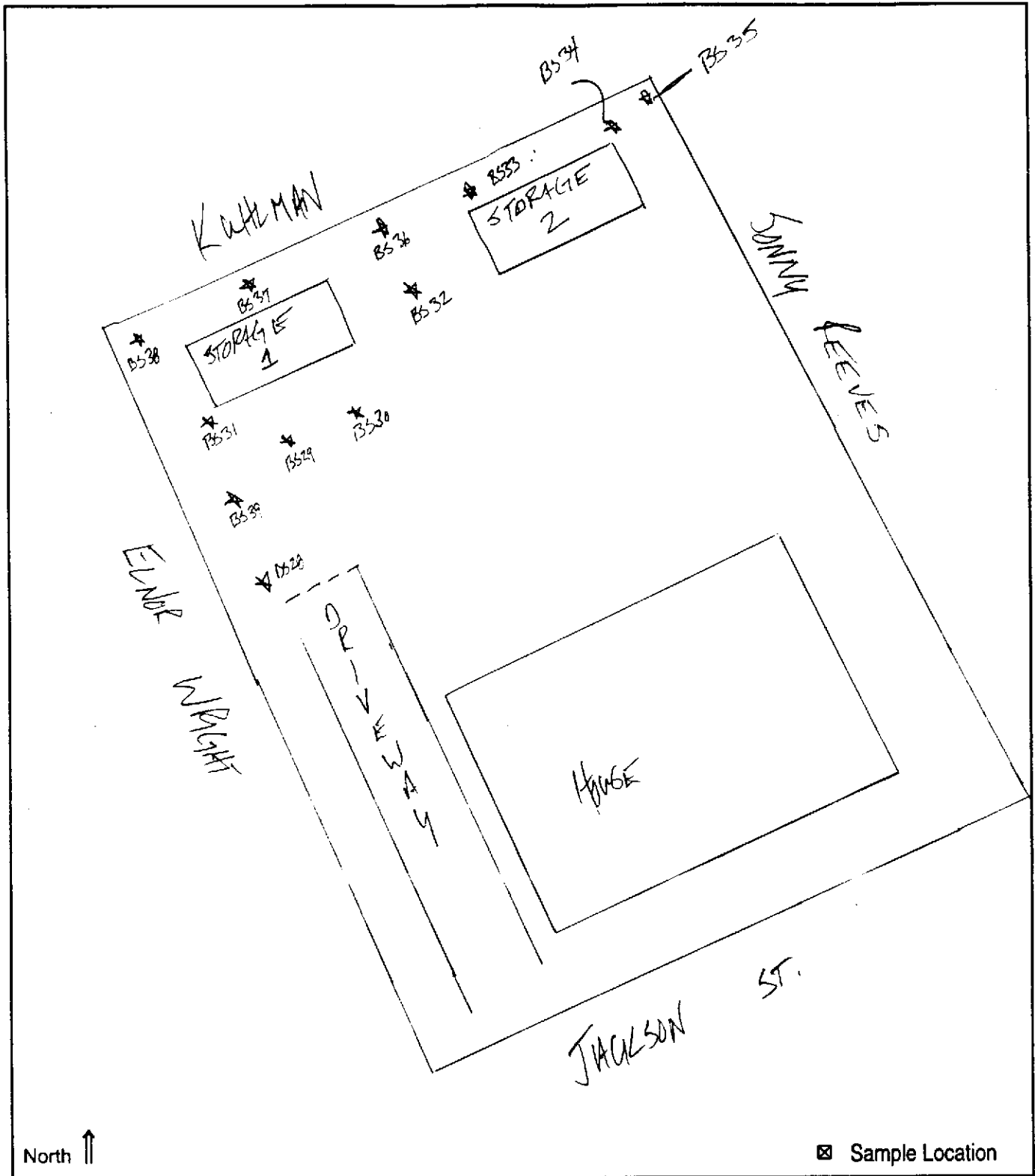
SITE #2

PCB LITIGATION
 CRYSTAL SPRINGS, MISSISSIPPI
 SITE ADDRESS: 407 NORTH JACKSON STREET
 SITE LOCATION:
 SAMPLE ID: 2 BSXX

SITE SKETCH

(NOT TO SCALE)

3TM INTERNATIONAL, INC.
 Houston, Texas



North ↑

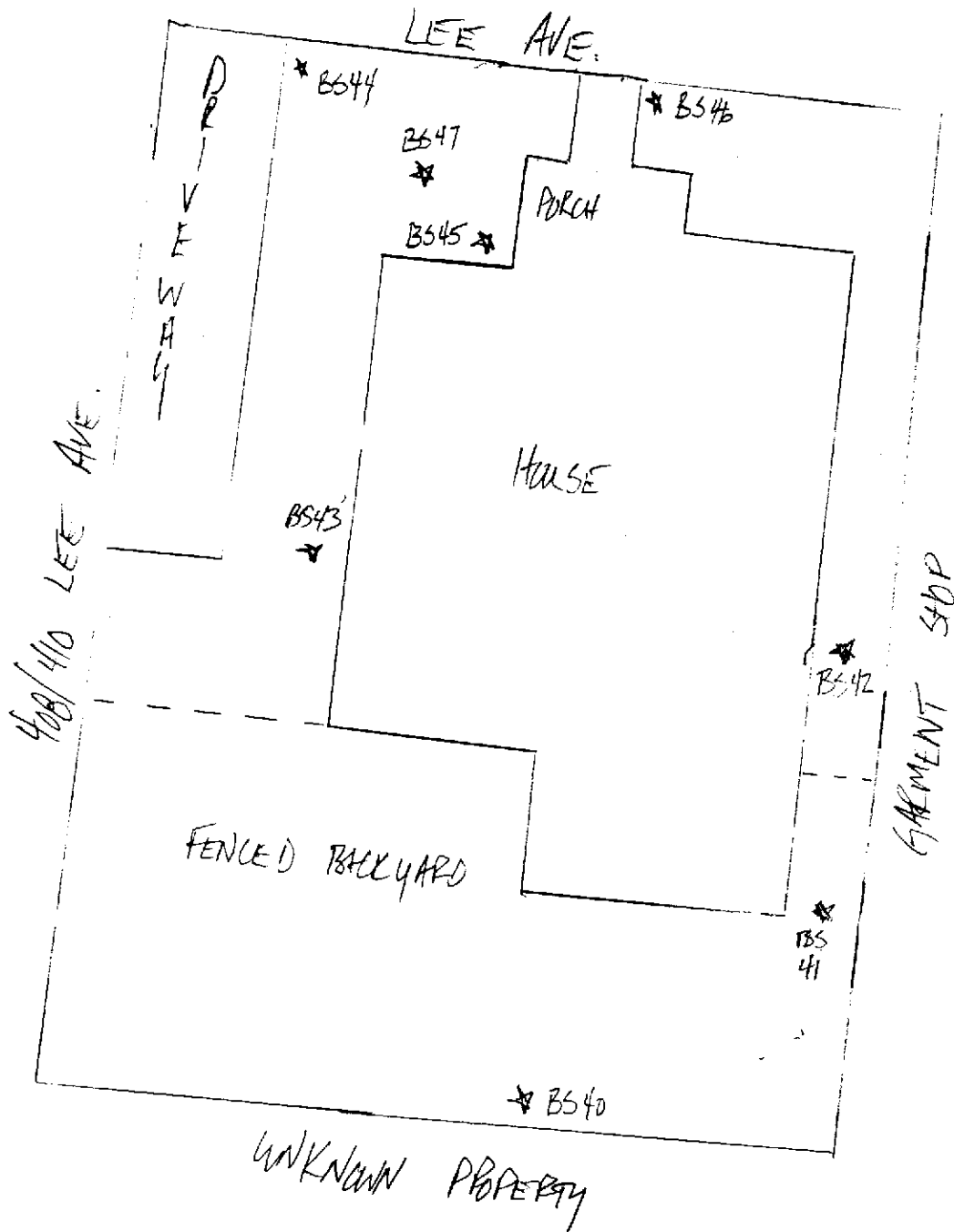
☒ Sample Location

PCB LITIGATION
 CRYSTAL SPRINGS, MISSISSIPPI
 SITE ADDRESS: 403 N / JACKSON ST.
 SITE LOCATION:
 SAMPLE ID: 3 B5XX

SITE SKETCH
 (NOT TO SCALE)

3TM INTERNATIONAL, INC.
 Houston, Texas

KUTLMAN PLANT



North ↑

☒ Sample Location

PCB LITIGATION
CRYSTAL SPRINGS, MISSISSIPPI
SITE ADDRESS: 412 LEE AVE
SITE LOCATION:
SAMPLE ID: 4BSXX

SITE SKETCH

(NOT TO SCALE)

3TM INTERNATIONAL, INC.
Houston, Texas

Appendix B
Soil Sample Collection Logs

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE.

Sample ID: 1B501

Date Sampled: 10/24/00

Time Sampled: 1355

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: J.B.M. / 10/24/00

Remarks: TAN TO SANDY CLAY
LOC. - NW CORNER OF POREH.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE

Sample ID: 1B502

Date Sampled: 10/24/00

Time Sampled: 1145

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 0.5 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: JLB. v/ST 10/24/00

Remarks: TAN - LIGHT BROWN SANDY CLAY

LOC. - WEST SIDE OF HOUSE ≈ MID WAY

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE.

Sample ID: LB503

Date Sampled: 10/24/00

Time Sampled: 1405

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: JLB / 10/24/00

Remarks: DARK BROWN SANDY CLAY

LOC - APPROX. 6" SOUTH OF LEE RD & 12' EAST OF THE DRIVEWAY.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.

Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE.

Sample ID: 2B504

Date Sampled: 10/24/00

Time Sampled: 1317

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: H. B. A. 10/24/00

Remarks: LIGHT BROWN SANDY CLAY

LOC. - APPROX. 1' EAST OF DIRT PILE & = 12'
SOUTH OF LEE ROAD.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE.

Sample ID: 2BS05

Date Sampled: 10/24/00

Time Sampled: 1135

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 0.5 feet bgs

Type of Soil: SANDY CLAY

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBSM

Signature / Date: JLB/MA 10/24/00

Remarks: BROWN - LITE BROWN SANDY CLAY

LOC. - WESTSIDE OF HOUSE \approx 22' AND \approx 6' SOUTH
OF DIRT PILE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE

Sample ID: 2B506

Date Sampled: 10/24/00

Time Sampled: 1155

Sampling Method: HAND AUGER

Sample Depth: 0.5 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician:

TBY

Signature / Date:

JLB / 10/24/00

Remarks: BROWN - LIGHT BROWN SANDY CLAY
APPROX. 22' WEST OF HOUSE & 12' SOUTH OF
DIRT PILE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE

Sample ID: 2 B507

Date Sampled: 10/24/00

Time Sampled: 1200

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0' feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: J. B. [Signature] 10/24/00

Remarks: LITE BROWN SANDY CLAY

LOC - APPROX. 2' SOUTH OF B506 AND 3' WEST OF DRIVEWAY.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE

Sample ID: 2B508

Date Sampled: 10/24/00

Time Sampled: 1210

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: *[Signature]* 10/24/00

Remarks: BROWN SANDY CLAY

LA - APPROX. 1' FROM N/W CORNER OF SHED/GARAGE

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE

Sample ID: 2B509

Date Sampled: 10/24/00

Time Sampled: 1216

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0' feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: J. B. [Signature] 10/24/00

Remarks: LIGHT BROWN SANDY CLAY

LOC. - APPROX. 20' WEST OF GARAGE E, 20' N OF SOUTH PROPERTY LINE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 400 LEE AVE

Sample ID: +0510

Date Sampled: 10/24/00

Time Sampled: 1230

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 0.5 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: J. B. M. 10/24/00

Remarks: DARK BROWN SANDY CLAY

LOC. — APPROX. 20' WEST OF GARAGE & 3' NORTH OF SOUTHERN PROPERTY LINE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE.

Sample ID: 2BS11

Date Sampled: 10/24/00

Time Sampled: 1237

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: JLBMA 10/24/00

Remarks: DARK BROWN SANDY CLAY

LOC. - APPROX 23' WEST OF DRIVEWAY & ~ 26'
NORTH OF SOUTHERN PROPERTY LINE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE.

Sample ID: 4BS12

Date Sampled: 10/24/00

Time Sampled: 1249

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 0.5 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: J. B. M. 10/24/00

Remarks: LIGHT BROWN SANDY CLAY

LOC. - APPROX. 26' NORTH OF THE SOUTH PROPERTY LINE
E. ≈ 32' WEST OF DRIVEWAY.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE.

Sample ID: 4B513

Date Sampled: 10/24/00

Time Sampled: 1300

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 0.2 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: JLB. v. J. 10/24/00

Remarks: DARK BROWN CLAY

Loc. - APPROX. 20' WEST OF DRIVEWAY & ≈ 36'
NORTH OF SOUTH PROPERTY LINE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE

Sample ID: 1 BS14

Date Sampled: 10/24/00

Time Sampled: 1255

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date:

J. B. [Signature] 10/24/00

Remarks: LIGHT BROWN SANDY CLAY

LOC. - APPROX. 32' WEST OF DRIVEWAY E, ≈ 46'
NORTH OF SOUTHERN PROPERTY LINE

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.

Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE.

Sample ID: 4BS15

Date Sampled: 10/24/00

Time Sampled: 1310

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: J. B. M. 10/24/00

Remarks: DARK BROWN - LITE BROWN SANDY CLAY
LOC. - APPROX. 2' OF DIRT PILE & 18' WEST OF
DRIVEWAY

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE.

Sample ID: 4BS16

Date Sampled: 10/24/00

Time Sampled: 1325

Sampling Method: HAND AUGER

Sample Depth: 1.0 to 1.5 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date:

J. B. [Signature] 10/24/00

Remarks: STUCK DIRT PILE, 1/2 FACE APR WAS USED WHILE SAMPLING.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE.

Sample ID: 1B517

Date Sampled: 10/24/00

Time Sampled: 1335

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.5 feet bgs

Type of Soil:

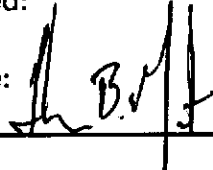
Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date:  10/24/00

Remarks: STUCK DIRT PILE, 1/2 FACE APP WAS USED WHILE SAMPLING.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE.

Sample ID: 1B518

Date Sampled: 10/24/00

Time Sampled: 1410

Sampling Method: HAND AUGER

Sample Depth: 0.5 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: J. B. [Signature] 10/24/00

Remarks: LITE TO DARK BROWN SANDY CLAY

LOC. - APPROX. 30' SOUTH OF LEE RD. & 3' EAST OF THE HOUSE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE.

Sample ID: LBS 19

Date Sampled: 10/24/00

Time Sampled: 1416

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date:

[Signature] 10/24/00

Remarks: LIGHT BROWN SANDY CLAY

Loc. - APPROX. 12' SOUTH OF LEE RD. & ≈ 10' EAST OF PORCH

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 406 LEE AVE.

Sample ID: 1B520

Date Sampled: 10/24/00

Time Sampled: 1425

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: *J. B. M. / 10/24/00*

Remarks: LITE BROWN SANDY CLAY

LOC - APPROX. 2' SOUTH OF LEE RD. & 15'
EAST OF FRONT SIDEWALK.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.

Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 407 N/JACKSON ST.

Sample ID: 2BSZ1

Date Sampled: 10/24/00

Time Sampled: 1545

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: JLB/MJ 10/24/00

Remarks: LIGHT BROWN TO TAN SANDY CLAY
LOC. - APPROX. 10' EAST OF GARAGE & ≈ 25'
SOUTH OF NORTH PROPERTY LINE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 407 N/JACKSON ST.

Sample ID: 2BS22

Date Sampled: 10/24/00

Time Sampled: 1550

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 0.5 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date:

J. B. [Signature] 10/24/00

Remarks: LITE BROWN TO TAN CLAY

LOC. - APPROX. 18' EAST OF GARAGE & ≈ 4' SOUTH OF PECAN TREE

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 407 N / JACKSON ST.

Sample ID: 2B523

Date Sampled: 10/24/00

Time Sampled: 1600

Sampling Method: HAND AUGER

Sample Depth: 0.5 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: J.P. [Signature] 10/24/00

Remarks: LITE BROWN SANDY CLAY
Loc. - APPROX. 28' EAST OF GARAGE & 20' SOUTH
OF NORTH PROPERTY LINE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 407 N/ JACKSON ST.

Sample ID: 2 B524

Date Sampled: 10/24/00

Time Sampled: 1630

Sampling Method: HAND AUGER

Sample Depth: 0.5 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBSM

Signature / Date: J.P.M. / 10/24/00

Remarks: LITE BROWN SANDY CLAY

LOC. - APPROX. 32' EAST OF WEST PROPERTY LINE
2' ± S/E OF BACK PROPERTY LINE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 407 N/ JACKSON ST.

Sample ID: 2 B325

Date Sampled: 10/24/00

Time Sampled: 1607

Sampling Method: HAND AUGER

Sample Depth: 0.1 to 0.5 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: *J. B. M. H.* 10/24/00

Remarks: LIGHT BROWN TO TAN SANDY CLAY
LOC - APPROX. 4' N/W OF PEAU TREE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 407 N / JACKSON ST.

Sample ID: 2BS26

Date Sampled: 10/24/00

Time Sampled: 1615

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date:

J.P. V. / 10/24/00

Remarks: TAN SANDY CLAY

LOC. — APPROX. 8' N/W OF GARAGE & ≈ 20' N/E OF WEST PROPERTY LINE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 407 N/JACKSON ST.

Sample ID: 2B527

Date Sampled: 10/24/00

Time Sampled: 1620

Sampling Method: HAND AUGER

Sample Depth: 0.5 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: J. B. M. / 10/24/00

Remarks: TAN TO BROWN SANDY CLAY.

LOC. - APPROX. 3' N/W OF GARAGE E. = 18' N/E OF WEST PROPERTY LINE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 403 N/ JACKSON ST.

Sample ID: ³BB 28

Date Sampled: 10/25/00

Time Sampled: 1220

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 0.5 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TSM

Signature / Date: J. B. [Signature] 10/25/00

Remarks: TAN - BROWN SANDY CLAY

LOC - APPROX. 12' NW OF WHITE FENCE E.
≈ 14' EAST OF WEST PROPERTY LINE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 403 N/ JACKSON ST.

Sample ID: 3B529

Date Sampled: 10/25/00

Time Sampled: 1300

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0' feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TRM

Signature / Date: *[Signature]* 10/25/00

Remarks: TAN - BROWN SANDY CLAY

Loc. - APPROX. 10' SOUTH OF STORAGE TRAILER #1.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 403 N/JACKSON ST.

Sample ID: 3BS 30

Date Sampled: 10/26/00

Time Sampled: 1306

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 0.5 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TRM

Signature / Date: [Signature] 10/26/00

Remarks: TAN SANDY CLAY

LOC APPROX. 6' EAST OF BS29.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 403 N JACKSON ST.

Sample ID: 3B531

Date Sampled: 10/25/00

Time Sampled: 1245

Sampling Method: HAND AUGER

Sample Depth: 0.1 to 0.5 feet bgs

Type of Soil:

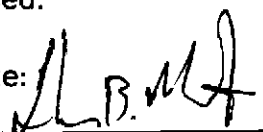
Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date:  10/25/00

Remarks: BROWN & TAW SANDY CLAY

LOC. - APPROX. 6" FROM THE SW CORNER
OF STORAGE TRAILER # 1.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 403 N JACOBSON ST.

Sample ID: 38532

Date Sampled: 6/25/00

Time Sampled: 1325

Sampling Method: HAND AUGER

Sample Depth: 0.5' to 1.0' feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: [Signature] 10/26/01

Remarks: TAN SANDY CLAY
LOC. - BETWEEN STORAGE TRAILERS 1 & 2.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 403 N/ JACKSON ST

Sample ID: 3B533

Date Sampled: 10/25/00

Time Sampled: 1330

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TDM

Signature / Date: J.L. Miller 10/25/00

Remarks: TAN SANDY CLAY

COL APPROX 1' NW OF STORAGE TRAILER #2

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 463 N JACKSON ST

Sample ID: 3BS 34

Date Sampled: 10/25/00

Time Sampled: 1335

Sampling Method: HAND AUGER

Sample Depth: 0.5 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: J. D. M. 10/25/00

Remarks: LITE BROWN TO TAN SANDY CLAY
LOC. - APPROX. 6' FROM THE N/E CORNER
OF MD. 2.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 403 N | JACKSON ST.

Sample ID: 39535

Date Sampled: 11/25/00

Time Sampled: 1340

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 0.5 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: [Signature] 11/25/00

Remarks: 74% SILTY CLAY

LOC. - NE CORNER OF PROPERTY

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 43 N JACOBSON ST

Sample ID: 3B536

Date Sampled: 10/25/00

Time Sampled: 1320

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 0.5 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: J. L. [Signature] 10/26/00

Remarks: DARK BROWN SANDY CLAY

LOC - APPROX 6' FROM THE N/E CORNER OF STORAGE TRAILER #1.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 403 N/JACKSON ST

Sample ID: 3B537

Date Sampled: 10/25/00

Time Sampled: 1315

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TRM

Signature / Date: J. B. [Signature] 10/25/00

Remarks: LITE BROWN & TAN SANDY CLAY
Loc. - APPROX. 2' NW OF STORAGE TRAILER #1
2' ~ 20' N/E OF WEST PROPERTY LINE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 403 N/ JACKSON ST

Sample ID: BBS 38

Date Sampled: 10/25/00

Time Sampled: 1255

Sampling Method: HAND AUGER

Sample Depth: 0.5' to 1.0' feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TRAM

Signature / Date: J.L.P. Met 10/25/00

Remarks: TAN SANDY CLAY

LOC. - APPROX. 6' FROM THE N/W CORNER OF
STORAGE TRAILER # 1.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 403 N/ JACKSON ST.

Sample ID: ^SBS 39

Date Sampled: 10/25/00

Time Sampled: 1240

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0 feet bgs

Type of Soil:

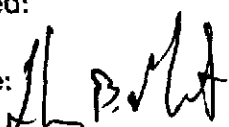
Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date:  10/25/00

Remarks: LITE BROWN - TAN SANDY CLAY

LOC. - APPROX. 20' NW OF WHITE FENCE &
≈ 14' EAST OF WEST PROPERTY LINE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 412 USE AVE.

Sample ID: 4BS 40

Date Sampled: 10/25/00

Time Sampled: 1640

Sampling Method: HAND AUGER

Sample Depth: 0.5 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TRM

Signature / Date: J. B. M. 10/25/00

Remarks: DARK BROWN SILTY CLAY

Loc. - APPROX. 8' N OF BACK FENCE & 7' WEST OF "CHICKEN" WIRE FENCE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 412 LEE AVE.

Sample ID: 45B41

Date Sampled: 10/25/00

Time Sampled: 1635

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 0.5 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: JLB 10/25/00

Remarks: Brown silty clay

Loc. - approx. 8' EAST FROM THE S/E CORNER
OF THE HOUSE.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 412 Lee Ave.

Sample ID: 45342

Date Sampled: 10/25/00

Time Sampled: 1650

Sampling Method: Hand Auger

Sample Depth: 0.5 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: JLB 10/25/00

Remarks: LITE BROWN SANDY CLAY

LOC - APPROX. Wth NORTH OF RAILROAD FENCE &
2' EAST OF GARMENT FACTORY.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 412 LEE AVE.

Sample ID: 4SB 43

Date Sampled: 10/25/00

Time Sampled: 1645

Sampling Method: HAND AUGER

Sample Depth: 0.5 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: *[Signature]* 10/25/00

Remarks: TAN - LIGHT BROWN SANDY CLAY

LOC. - SOUTHEAST CORNER OF DRIVEWAY.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 412 US 65 AVE.

Sample ID: 4SB44

Date Sampled: 10/25/00

Time Sampled: 1700

Sampling Method: HAND AUGER

Sample Depth: 0.0 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TRM

Signature / Date: [Signature] 10/25/00

Remarks: TAN S. BROWN SANDY CLAY
LOC. - NE CORNER OF DRIVEWAY

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 412 USE AVE.

Sample ID: 45345

Date Sampled: 10/26/00

Time Sampled: 1715

Sampling Method: HAND AUGER

Sample Depth: 1.5 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: [Signature] 10/26/00

Remarks: TAN - BROWN SILTY CLAY

LOC - SW CORNER OF PLOT BEHIND POWER BED.

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.
Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 412 LEE AVE.

Sample ID: 4 STB 46

Date Sampled: 10/25/00

Time Sampled: 1655

Sampling Method: HAND AUGER

Sample Depth: 0.1 to 0.5 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: J. R. H. 10/25/00

Remarks: BROWN SILTY CLAY

LOC - NE CORNER OF ENTRANCE WALKWAY

SOIL SAMPLE COLLECTION LOG

3TM INTERNATIONAL, INC.

Houston, Texas

Project Name: PCB Litigation

Site Name: Crystal Springs, Mississippi

Address: 412 LEE AVE

Sample ID: 433 47

Date Sampled: 10/25/00

Time Sampled: 1707

Sampling Method: HAND AUGER

Sample Depth: 0.5 to 1.0 feet bgs

Type of Soil:

Sample Analysis:

Sample Container:

Sample Quantity Collected:

Preservative Used:

Field Technician: TBM

Signature / Date: JH BULL 10/25/00

Remarks: BROWN SANDY CLAY

LOC - APPROX. 8' EAST OF DRIVEWAY 2. ≈
12' S / OF LEE AVE.

Appendix C
Analytical Testing Results
Polychlorinated Biphenyls

Analytical Report 205493

for

3TM International

Project Manager: Randy Horsak

Project Name : Crystal Spring, Miss.

Project Id : 3TM DNA 102000-03

November 2, 2000



11381 Meadowglen, Suite L Houston, TX 77082 Ph:(281) 589-0692 Fax:(281) 589-0695

Houston - Dallas - San Antonio - Austin - Latin America



November 2, 2000

Project Manager: Randy Horsak
3TM International
1500 South Dairy Ashford, Suite 225
Houston, TX 77077

Reference: XENCO Report No: 205493
Project Name : Crystal Spring, Miss.
Project Address:

Dear Randy Horsak :

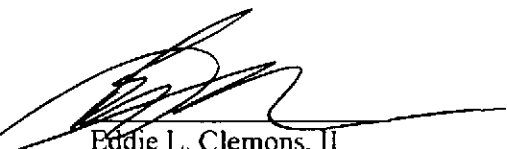
We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Chain of Custody Numbered 205493. All results being reported under this Chain of Custody apply to the samples analyzed and properly identified with a Laboratory ID number.

All the results for the quality control samples were reviewed. Also, all parameters for data reduction and validation were reviewed. In view of this, we are able to release the analytical data for this report within acceptance criteria for accuracy, precision, completeness or properly flagged.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 3 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in COC No. 205493 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Sincerely,



Eddie L. Clemons, II
QA/QC Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY



Certificate Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horsak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: thu Nov-02-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID:		Field ID:		Depth:		Matrix:		Sampled:	
	205493-001	205493-002	205493-003	205493-004	205493-005	205493-006	205493-005	205493-006	205493-005	205493-006
PCBs by EPA 8082	ug/kg	R L	ug/kg	R L	ug/kg	R L	ug/kg	R L	ug/kg	R L
PCB-1016	BRL	16.7	BRL	16.7	BRL	83.3	BRL	16.7	BRL	16.7
PCB-1221	BRL	16.7	BRL	16.7	BRL	83.3	BRL	16.7	BRL	16.7
PCB-1232	BRL	16.7	BRL	16.7	BRL	83.3	BRL	16.7	BRL	16.7
PCB-1242	BRL	16.7	BRL	16.7	BRL	83.3	BRL	16.7	BRL	16.7
PCB-1248	BRL	16.7	BRL	16.7	BRL	83.3	BRL	16.7	BRL	16.7
PCB-1254	BRL	16.7	BRL	16.7	BRL	83.3	BRL	16.7	BRL	16.7
PCB-1260	223	16.7	174	16.7	2470	83.3	17.20	16.7	280	16.7

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
 N = See Narrative, D = Analyte Reported from Dilution Analysis, E = Estimated Concentration

Eddie L. Clemons, II
 QA/QC Director



Certificate Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horsak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: thu Nov-02-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID:		Field ID:		Depth:		Matrix:		Sampled:		Analyzed:		Units:		
	205493-007	205493-008	205493-009	205493-010	205493-011	205493-012	205493-010	205493-011	205493-012	205493-010	205493-011	205493-012	205493-010	205493-011	205493-012
PCB-1016	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1221	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1232	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1242	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1248	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1254	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1260	139	248	269	210	282	159	210	282	159	282	159	210	282	159	16.7

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 N = See Narrative, D = Analyte Reported from Dilution Analysis, E = Estimated Concentration

Eddie L. Clemons, II
 QA/QC Director



Certificate Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Date Received in Lab: Thu Oct-26-00 05:26 PM
Date Report Faxed: thu Nov-02-00
XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03
Project Manager: Randy Horskak
Project Location:

Analysis Requested	Lab ID:	Field ID:	Depth:	Matrix:	Sampled:	205493-013	205493-014	205493-015	205493-016	205493-017	205493-018
PCBs by EPA 8082						IBS13 0.2 ft Soil Oct-24-2000	IBS14 1.0 ft Soil Oct-24-2000	IBS15 1.0 ft Soil Oct-24-2000	IBS16 1.5 ft Soil Oct-24-2000	IBS17 1.5 ft Soil Oct-24-2000	IBS18 1.0 ft Soil Oct-24-2000
	Analyzed:					Oct-30-2000	Oct-30-2000	Oct-30-2000	Oct-31-2000	Oct-31-2000	Oct-31-2000
	Units:					ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
						R L	R L	R L	R L	R L	R L
PCB-1016						BRL 16.7	BRL 16.7	BRL 16.7	BRL 83.3	BRL 83.3	BRL 16.7
PCB-1221						BRL 16.7	BRL 16.7	BRL 16.7	BRL 83.3	BRL 83.3	BRL 16.7
PCB-1232						BRL 16.7	BRL 16.7	BRL 16.7	BRL 83.3	BRL 83.3	BRL 16.7
PCB-1242						BRL 16.7	BRL 16.7	BRL 16.7	BRL 83.3	BRL 83.3	BRL 16.7
PCB-1248						BRL 16.7	BRL 16.7	BRL 16.7	BRL 83.3	BRL 83.3	BRL 16.7
PCB-1254						BRL 16.7	BRL 16.7	BRL 16.7	BRL 83.3	BRL 83.3	BRL 16.7
PCB-1260						218	124	338	2110	1580	103
						16.7	16.7	16.7	83.3	83.3	16.7

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Eddie L. Clemons, II
QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX
Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03
Project Manager: Randy Horskak
Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM
Date Report Faxed: thu Nov-02-00
XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID:	Field ID:	Depth:	Matrix:	Sampled:	205493-019	205493-020	205493-021	205493-022	205493-023	205493-024
	Field ID:	Depth:	Matrix:	Sampled:	205493-019	205493-020	205493-021	205493-022	205493-023	205493-024	
PCBs by EPA 8082											
PCB-1016											
PCB-1221											
PCB-1232											
PCB-1242											
PCB-1248											
PCB-1254											
PCB-1260											

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Eddie L. Clemons, II
 QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

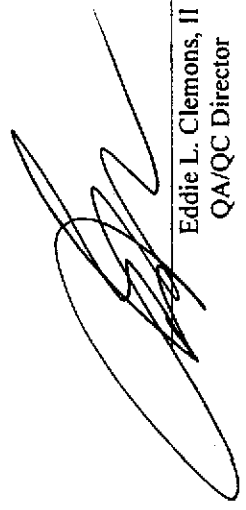
Project ID: 3TM DNA 102000-03
Project Manager: Randy Horskak
Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM
Date Report Faxed: thu Nov-02-00
XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID:	205493-031	205493-032	205493-033	205493-034	205493-035	205493-036
	Field ID:	3BS31	3BS32	3BS33	3BS34	3BS35	3BS36
Depth:	0.5 ft	1.0 ft	1.0 ft	1.0 ft	1.0 ft	0.5 ft	0.5 ft
Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sampled:	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
Analyzed:	Oct-29-2000	Oct-30-2000	Oct-29-2000	Oct-29-2000	Oct-29-2000	Oct-29-2000	Oct-30-2000
Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
	R L	R L	R L	R L	R L	R L	R L
PCB-1016	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1221	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1232	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1242	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1248	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1254	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1260	73.89	37.57	222	189	85.33	609	
	16.7	16.7	16.7	16.7	16.7	16.7	33.3

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Eddie L. Clemons, II
 QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Date Received in Lab: Thu Oct-26-00 05:26 PM

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horskak

Date Report Faxed: thu Nov-02-00

Project Location:

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID:		Field ID:		Depth:		Matrix:		Sampled:		Analyzed:		Units:																								
	205493-037	3BS37	1.0 ft	Soil	Oct-25-2000	205493-038	3BS38	1.0 ft	Soil	Oct-25-2000	205493-039	3BS39	1.0 ft	Soil	Oct-25-2000	205493-040	4BS40	1.0 ft	Soil	Oct-25-2000	205493-041	4BS41	0.5 ft	Soil	Oct-25-2000	205493-042	4BS42	1.0 ft	Soil	Oct-25-2000							
PCBs by EPA 8082	ug/kg	195	16.7	BRL	16.7	428	16.7	BRL	16.7	120	16.7	BRL	16.7	274	16.7	BRL	16.7	BRL	16.7	475	16.7	BRL	16.7	BRL	16.7	895	16.7	BRL	16.7	BRL	16.7						
PCB-1016	ug/kg																																				
PCB-1221	ug/kg																																				
PCB-1232	ug/kg																																				
PCB-1242	ug/kg																																				
PCB-1248	ug/kg																																				
PCB-1254	ug/kg																																				
PCB-1260	ug/kg																																				

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Eddie L. Clemons, II
QA/QC Director



Certificate of Quality Control for Batch: 209472

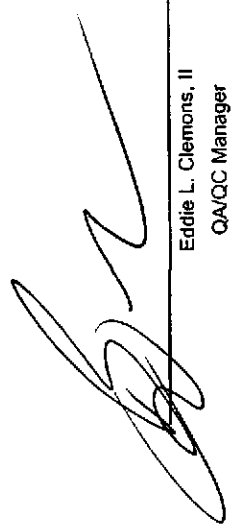
SW-846 8082 Polychlorinated Biphenyls

Analyst: ROG
Matrix: SOLID

Date Validated: 10-31-00
Date Analyzed: 10-28-00

Q.C. Sample ID	BLANK SPIKE / BLANK SPIKE DUPLICATE AND RECOVERY											
	[A]	[B]	[C]	[D]	[E]	[F]		[G]	[H]	[I]		[J]
Parameter	Blank Result	Spike Result	Spike Duplicate Result	Spike Amount	Detection Limit	Blank Limit	QC	Spike Relative Difference	QC	Duplicate Recovery	BKS/BSB Recovery Range	Qualifier
Aroclor-1016/1260	ppb ND	ppb 372.11	ppb 358.52	ppb 333.33	ppb 16.67	% 15	% 3.72	% 111.63	% 107.56	% 56-121		

Spike Relative Difference [F] = $200 \times (B-C)/(B+C)$
 BKS = Laboratory Blank Spike
 BSD = Laboratory Blank Spike Duplicate
 Spike Recovery [G] = $100 \times (B-A)/[D]$
 Spike Duplicate Recovery [H] = $100 \times (C-A)/[D]$
 N.D. = Below detection limit or not detected



Eddie L. Clemons, II
QA/QC Manager



Certificate of Quality Control for Batch: 209472

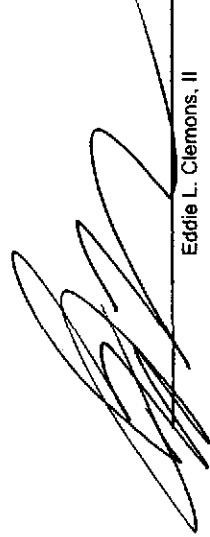
SW-846 8082 Polychlorinated Biphenyls

Date Validated: 10-31-00
 Date Analyzed: 10-28-00

Analyst: ROG
 Matrix: SOLID

MATRIX SPIKE / MATRIX SPIKE DUPLICATE AND RECOVERY											
Q.C. Sample ID 205493	[A]	[B]	[C]	[D]	[E]	[F]		[G]	[H]	[I]	[J]
	Sample Result	Spike Result	Spike Duplicate Result	Spike Amount	Detection Limit	QC	QC	QC	QC	MS/MSD Recovery Range	Qualifier
Parameter	ppb	ppb	ppb	ppb	ppb	%	%	%	%	%	
Aroclor-1016/1260	85.33	405.43	456.32	333.33	16.67	11.81	96.03	111.30	56-121		

Spike Relative Difference [F] = $200 \times (B-C) / (B+C)$
 BKS = Laboratory Blank Spike
 BSD = Laboratory Blank Spike Duplicate
 Spike Recovery [G] = $100 \times (B-A) / [D]$
 Spike Duplicate Recovery [H] = $100 \times (C-A) / [D]$
 N.D. = Below detection limit or not detected



Eddie L. Clemons, II
QA/QC Manager



Certificate of Quality Control for Batch: 209515

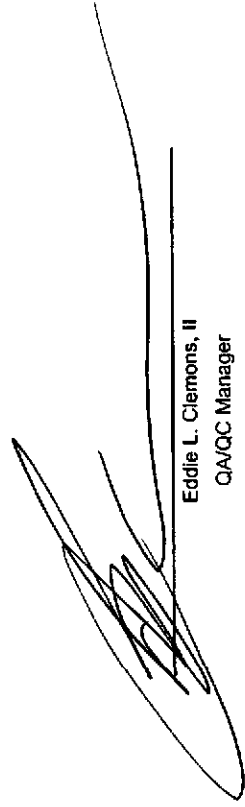
SW-846 8082 Polychlorinated Biphenyls

Analyst: ROG
Matrix: SOLID

Date Validated: 11-02-00
Date Analyzed: 10-31-00

Q.C. Sample ID 205493	MATRIX SPIKE / MATRIX SPIKE DUPLICATE AND RECOVERY										
	[A] Sample Result	[B] Spike Result	[C] Spike Duplicate Result	[D] Spike Amount	[E] Detection Limit	Matrix Limit Relative Difference %	[F] QC Spike Relative Difference %	[G] QC Spike Recovery %	[H] QC Duplicate Recovery %	[I] MS/MSD Recovery Range %	[J] Qualifier
Parameter Atroclor-1016/1260	ppb 270.51	ppb 673.66	ppb 690.93	ppb 333.33	ppb 16.67	15	2.53	120.95	126.13	56-121	I

Spike Relative Difference [F] = $200 \cdot (B-C)/(B+C)$
 BKS = Laboratory Blank Spike
 BSD = Laboratory Blank Spike Duplicate
 Spike Recovery [G] = $100 \cdot (B-A)/[D]$
 Spike Duplicate Recovery [H] = $100 \cdot (C-A)/[D]$
 N.D. = Below detection limit or not detected



Eddie L. Clemons, II
QA/QC Manager



Certificate of Quality Control for Batch: 209505

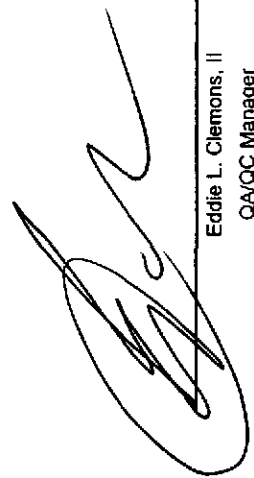
SW-846 8082 Polychlorinated Biphenyls

Date Validated: 11-01-00
 Date Analyzed: 10-28-00

Analyst: ROG
 Matrix: SOLID

BLANK SPIKE / BLANK SPIKE DUPLICATE AND RECOVERY												
Q.C. Sample ID BLK/BKS/BSD	[A]	[B]	[C]	[D]	[E]	[F]		[G]	[H]	[I]		[J]
	Blank Result ppb	Spike Result ppb	Spike Duplicate Result ppb	Spike Amount ppb	Detection Limit ppb	QC	Spike Relative Difference %	QC Spike Recovery %	QC Duplicate Recovery %	BKS/BSD Recovery Range %	BSD Recovery Range %	Qualifier
Aroclor-1016/1260	ND	333.42	327.19	333.33	16.67		1.89	100.03	98.16		56-121	

Spike Relative Difference [F] = $200 \times (B-C)/(B+C)$
 BKS = Laboratory Blank Spike
 BSD = Laboratory Blank Spike Duplicate
 Spike Recovery [G] = $100 \times (B-A)/[D]$
 Spike Duplicate Recovery [H] = $100 \times (C-A)/[D]$
 N.D. = Below detection limit or not detected



Eddie L. Clemons, II
 QA/QC Manager



Certificate of Quality Control for Batch: 209505

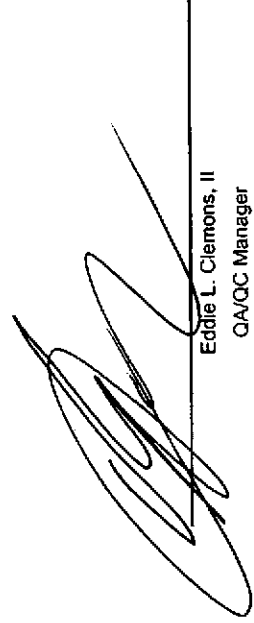
SW-846 8082 Polychlorinated Biphenyls

Analyst: RQC
Matrix: SOLID

Date Validated: 11-01-00
Date Analyzed: 10-28-00

Q.C. Sample ID 205493	Parameter Aroclor-1016/1260	MATRIX SPIKE / MATRIX SPIKE DUPLICATE AND RECOVERY											[J] Qualifier
		[A] Sample Result ppb	[B] Spike Result ppb	[C] Spike Duplicate Result ppb	[D] Spike Amount ppb	[E] Detection Limit ppb	Matrix Limit Relative Difference %	[F] QC Spike Relative Difference %	[G] QC Spike Recovery %	[H] QC Duplicate Recovery %	[I] MSMSD Recovery Range %		
		268.59	650.01	566.73	333.33	16.67	15	13.69	114.43	89.44	56-121		

Spike Relative Difference [F] = $200 \cdot (B-C) / (B+C)$
 BKS = Laboratory Blank Spike
 BSD = Laboratory Blank Spike Duplicate
 Spike Recovery [G] = $100 \cdot (B-A) / [D]$
 Spike Duplicate Recovery [H] = $100 \cdot (C-A) / [D]$
 N.D. = Below detection limit or not detected



Eddie L. Clemons, II
QA/QC Manager



FLAGGING CRITERIA

A	MS or MSD outside control limits; LCS is within acceptance range.
B	Target identified in blank.
C	High analyte concentration effects MS recovery.
D	The result is from a diluted sample. Analyte on original run was E flagged.
E	The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
F	RPD exceeded lab control limits. Non-Homogenous sample
G	Common laboratory contaminant. It's presence indicates possible field or lab contamination.
H	LCS recovery above control limit.
I	MS or MSD recovery outside control limits due to possible matrix or chemical interference. LCS recovery is within acceptance range. Could cause RPD failure.
J	The target analyte was positively identified below the RL or MQL but above the MDL.
K	Sample analyzed outside of holding time.
M	Possible matrix or chemical interference.
U	Analyte was not detected above the MDL.
Y	LCS reported below control limit.

10/30/2000

11381 Meadowglen, Suite L
Houston, Texas, 77082
281-589-0692 phone
281-589-0695 fax

11078 Morrison Road Ste. D
Dallas, Texas, 75229
972-481-9999 phone
972-481-9998 fax

5309 Wurzbach Road, Suite 104
San Antonio, Texas, 78238
210-509-3334 phone
210-509-3335 fax

e-mail - xenco@xenco.com

website - <http://www.xenco.com>



11381 Meadowglen, Suite L, Houston TX 77082 281-589-0692
 5309 Wurzbach Road, Suite 104, San Antonio, TX 78238 210-509-3334
 11078 Morrison Ln, Suite D, Dallas, TX 75229 972-481-9999

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD
 On-LINE Help & Technical Services at www.xenco.com

Company COC No: 38352 Work Order No: 38352 Page 1 of 5

Company **BTM** Phone **281 497-1236** Lab Only: **205493-17** Lab Only Additions

Project Name **CRYSTAL SPRING, MISS.** Project ID **37M DNA 10200-03** TAT: 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days

Location **CRYSTAL SPRING, MISS.** Project Director (PD) **Kathy Hester** Remarks

Project Manager (PM) **Kathy Hester** Fax

Fax Results to PM and/or Invoice

Invoice to Accounting Include Invoice with Final Report Attn PM Call for a P.O.

Quote No. **P.O. No**

Special DLs (RR I RR II DW QAPP See Lab PM Call Proj. PM)

Specifications

Sampler Name **BTM** Signature **[Signature]**

Sample ID	Sampling Date	Time	Depth	Matrix	A P S W	Composite	Grab	# Containers	Container Size	Type	Preservatives
1 B501	10/24/00	1355	1.0'	3							
2 B502		1145	0.5'								
3 B503		1405	1.0'								
4 B504		1317	1.0'								
5 B505		1135	0.5'								
6 B506		1155	1.0'								
7 B507		1200	1.0'								
8 B508		1210	1.0'								
9 B509		1216	1.0'								
10 B510		1230	0.5'								

Relinquished by **[Signature]** Date & Time **10/24/00 1700** Relinquished to **[Signature]** Date & Time **10/26/00 17:00** Total Containers per COC: **1700** Final Report Data Package Due Date: **10/26/00 17:00**

Relinquished by **[Signature]** Date & Time **10/26/00 17:00** Relinquished to **[Signature]** Date & Time **10/26/00 17:00** Total Containers per COC: **1700** Final Report Data Package Due Date: **10/26/00 17:00**

Relinquished by **[Signature]** Date & Time **10/26/00 17:00** Relinquished to **[Signature]** Date & Time **10/26/00 17:00** Total Containers per COC: **1700** Final Report Data Package Due Date: **10/26/00 17:00**

Hold Analysis

Addn: PAH above mg/L W. mg/Kg \$ Highest Hit

TAT 5h 12h 20h 24h 48h 3d 5d 7d 10d 14d 21d

SVoAs by 8270 625 PAHS BN&A TCLP PPS See List Coll PM

VOAs by 8260 624 BTEX MTBE PPS TCLP See List Coll PM

METALS by 6020 8RCRA Tot Pb TCLP_8 13PP 23TAL List

PAHS by 8270 8100 8310

TPH by TX1005 418 1664 8015GRO 8015DRO FLPRO

BTEX-MTBE by 8021 8260 602 624 Other

BTEX by 8021 8260 602 624 Other

Final Report Data Package Due Date: **10/26/00 17:00**

Rush Charges are Pre-Approved upon Requesting them. All Terms Apply

TYPE Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O)

Lab Only: **205493-A**

Company: **3TM** Phone: **281 497-1230**

Project Name: **Previously done at XENCO**
 Location: **City SPRINGS, MISS.**
 Project ID: **3TM DNA U200-03**

TAT: 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days
 unless otherwise agreed in writing. But often reported in 5-7 Working Days

Project Manager (PM): **Randy Horvath**
 Project Director (PD):
 Fax Results to: PM and/or Invoice must have a P.O. Bill to:
 Invoice to: Accounting Include Invoice with Final Report Attn PM Invoice must have a P.O. Bill to:

Hold Analysis

Address: PAH above mg/L W, mg/Kg \$ Highest Hit

TAT 5h 12h 20h 24h 48h 3d 5d 7d 10d 14d 21d

Remarks

SVOCs by 8270 625 PAHs BNA TCLP PPS See List Call PM

VOAs by 8260 624 BTEX MTBE PPS TCLP See List Call PM

Metals by 6020 8RCRA Tot Pb TCLP 13PP 23TAL List

PAHs by 8270 8100 8310

TPH by TX1005 418 1664 8015GRO 8015DRO FLPRO

BTEX-MTBE by 8021 8260 602 624 Other

BTEX by 8021 8260 602 624 Other

Preservatives

Type

Container Size

Containers

Grab

Composite

Matrix APSW

Depth

Time

Sampling Date

Signature

Relinquished by (Initials and Sign.)

Date & Time

Relinquished to (Initials and Sign.)

Date & Time

Total Containers per COC:

Cooler Temp:

Final Report Data Package Due Date:

Rush TATs Fax Due:

Final Fax Due:

Final Report Data Package Due Date:

Push Charges are Pre-Approved upon Requesting them. All Terms Apply

Preservatives - Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool,<4C) (C-4), None (N), See Label (SL), Other (O)

SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tedlar Bag (B), Wipe (W), Other

TYPE Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O)

Sample ID	Sampling Date	Time	Depth	Matrix	APSW	Composite	Grab	# Containers	Container Size	Type	Preservatives							
'B5 11	10/24/00	1257	1.0'	S				4										
'B5 12		1249	0.5'															
'B5 13		1250	0.2'															
'B5 14		1255	1.0'															
'B5 15		1310	1.0'															
'B5 16		1325	1.5'															
'B5 17		1335	1.5'															
'B5 18		1410	1.0'															
'B5 19		1416	1.0'															
'B5 20		1425	1.0'															
Relinquished by (Initials and Sign.): <i>[Signature]</i>											Date & Time: 10/26/00	Relinquished to (Initials and Sign.): <i>[Signature]</i>	Date & Time: 10/26/00	Total Containers per COC: 17	Cooler Temp: 17°C	Final Report Data Package Due Date: 10/26/00	Final Fax Due: 10/26/00	Final Report Data Package Due Date: 10/26/00
Relinquished by (Initials and Sign.): <i>[Signature]</i>											Date & Time: 10/26/00	Relinquished to (Initials and Sign.): <i>[Signature]</i>	Date & Time: 10/26/00	Total Containers per COC: 17	Cooler Temp: 17°C	Final Report Data Package Due Date: 10/26/00	Final Fax Due: 10/26/00	Final Report Data Package Due Date: 10/26/00

PCB METHAD BORZ

* SETLED
 by TBM
 @ 1900
 ON 10/25/00

FAX MAPS
 COPY COMMENTS
 by NOV. 3, 00

26 pgs

Lab Only Additions

Date: Rcv by: From:

Date: Rcv by: From:

Date: Rcv by: From:

Date: Rcv by: From:

Date: Rcv by: From:

Date: Rcv by: From:

Date: Rcv by: From:

Date: Rcv by: From:

Date: Rcv by: From:

Date: Rcv by: From:

Date: Rcv by: From:

Date: Rcv by: From:

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ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD
On-LINE Help & Technical Services at www.xenco.com

Company COC No: **205493-H** Work Order No: **38349** Page **3** of

Company **3M** Phone **497-1230**
 Project Name **Previously done at XENCO** Project ID **3M DNA related-03**
 Location **City State SPENT, MISS.**
 Project Manager **PM by HR-SAX** Project Director (PD)
 Fax Results to PM and / or Fax
 Invoice to Accounting Include Invoice with Final Report Attn PM Invoice must have a P.O. Bill to:
 Quote No. **P.O. No** Call for a P.O.
 Special DIs (RR I, RR II, DW, QAPP, See Lab PM, Call Proj. PM)
 Specifications

Sample ID	Sampling Date	Time	Depth	Matrix	A P S W	Composite	Grab	# Containers	Container Size	Type	Preservatives
2BS 21	10/24/00	1545	1.0'	S				42	42		
2BS 22		1550	0.5'								
2BS 23		1600	1.0'								
2BS 24		1620	1.0'								
2BS 25		1607	0.5'								
2BS 26		1615	1.0'								
2BS 27		1620	1.0'								
3BS 28	10/25/00	1200	0.5'								
3BS 29		1300	1.0'								
3BS 30		1306	0.5'								

Relinquished by (Initials and Sign.)	Date & Time	Relinquished to (Initials and Sign.)
<i>[Signature]</i>	10/24/00 1700	<i>[Signature]</i>
<i>[Signature]</i>	10/26/00 11:00	<i>[Signature]</i>

Requester (Initials and Sign.)	Date & Time	Total Containers per COC:	Final Report Data Package Due Date:
<i>[Signature]</i>	10/24/00 17:00	10/24/00 17:00	10/26/00 11:00
<i>[Signature]</i>	10/26/00 11:00	10/26/00 17:00	10/26/00 17:00

TPH by TX1005 418 1664 8015GRO 8015DRO FLPRO	PAHs by 8270 8100 8310	METALS by 6020 8RCRA Tot Pb TCLP_8 13PP 23TAL List	VOAs by 8260 624 BTEX MTBE PPs TCLP See List Call PM	SVOAs by 8270 625 PAHs BN&A TCLP PPs See List Call PM
BTEX-MTBE by 8021 8260 602 624 Other				

TAT	5h	12h	20h	24h	48h	7d	14d	21d	Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days
Addn: PAH above									
mg/L W.									
mg/Kg 5 Highest Hit									

Remarks
NO SEALS
PM TRM
PM 10/25/00
@ 1940
FAX HR-SAX
3M RESURTS
by NW. 3/00
2-COAs

Date	From:	Rcv by:

Final Report Data Package Due Date: 10/26/00 11:00
 Rush TATs Fax Due: 10/24/00 17:00
 Cooler Temp: _____
 Final Fax Due: _____
 Rush Charges are Pre-Approved upon Requesting them. All Terms Apply
 (Cool, <4C) (C4), None (N), See Label (SL), Other (O)
 TYPE Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O)



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ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD
On-LINE Help & Technical Services at www.xenco.com

Company COC No: **38350**
 Work Order No: **38350**

Company **3TM** Phone **281 497-1230** Lab Only: **205493-H**

Project Name **Clay State Springs, MS** Project ID **3TM DNA 10200-03** TAT: 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days

Location: **Clay State Springs, MS**

Project Manager (PM) **RANDY HERSACK** Project Director (PD)

Fax Results to PM and / or Fax

Invoice to Accounting Include Invoice with Final Report Affn PM Invoice must have a P.O. Bill to:

Quote No. **P.O. No** Call for a P.O.

Special DLs (RR I RR II DW QAPP See Lab PM Call Proj. PM)

Specifications

Sampler Name **TBM** Signature **JLB**

Sample ID	Sampling Date	Time	Depth	Matrix	APSW	Composite	# Containers	Container Size	Type	Preservatives
3BS 31	10/25/00	1245	0.5	S				42		
3BS 32		1305	1.0							
3BS 33		1330	1.0							
3BS 34		1335	1.0							
3BS 35		1340	0.5							
3BS 36		1320	0.5							
3BS 37		1335	1.0							
3BS 38		1255	1.0							
3BS 39		1240	1.0							
3BS 40		1145	1.0							

Relinquished by (Initials and Sign.) **JLB** Date & Time **10/26/00 11:00** Relinquished to (Initials and Sign.) **Steve d. Sauer** Date & Time **10/26/00 12:00**

Final Report, Data Package Due Date: **10/26/00 12:00** Rush TATs Fax Due: **10/26/00 17:00**

Final Report, Data Package Due Date: **10/26/00 17:00** Rush TATs Fax Due: **10/26/00 17:00**

Relinquished by (Initials and Sign.) **JLB** Date & Time **10/26/00 11:00** Relinquished to (Initials and Sign.) **Steve d. Sauer** Date & Time **10/26/00 12:00**

Final Report, Data Package Due Date: **10/26/00 12:00** Rush TATs Fax Due: **10/26/00 17:00**

Final Report, Data Package Due Date: **10/26/00 17:00** Rush TATs Fax Due: **10/26/00 17:00**

Preservatives - Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool.<4C) (C4), None (N), See Label (SL), Other (O)
 SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (-5), Tedlar Bag (B), Wipe (W), Other _____ TYPE Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O)



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ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD
On-LINE Help & Technical Services at www.xenco.com

Company COC No: **38351** Work Order No: **38351** Page of **5**

Company SPM **Phone** 281 497-1230 **Lab Only:** 205493-1 **Lab Only Additions**

Project Name CRYSTAL SPRINGS, MS **Project ID** SPM DNA 10200-03 **TAT:** 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days

Location CRYSTAL SPRINGS, MS **Project Director (PD)** KIM HORSACE

Fax Results to PM and / or Fax **Fax**

Invoice to Accounting Include Invoice with Final Report Attn PM Invoice must have a P.O. Bill to:

Quote No. _____ **P.O. No.** _____ Call for a P.O.

Special DIs (RR I RR II DW QAPP See Lab PM Call Proj. PM) _____

Specifications _____

Sample ID	Sampling Date	Time	Depth	Matrix	APSW	Composite	Grab	# Containers	Container Size	Type	Preservatives
*BS 41	10/25/00	1635	0.5'	S					42		
*BS 42		1650	1.0'								
*BS 43		1645	1.0'								
*BS 44		1700	1.0'								
*BS 45		1715	1.0'								
*BS 46		1655	0.5'								
*BS 47		1707	1.0'								

Sampler Name TBM **Signature** [Signature]

Sample ID	TPH by TX1005	PAHs by 8270	METALS by 6020	VOAs by 8260	SVOAs by 8270	Hold Analysis	Remarks
1	8021 8260 602 624 Other	8100 8310	Tot Pb TCLP_8 13PP 23TAL List	BTEX MTBE PPs TCLP See List Coll PM	624 BTEX MTBE PPs See List Coll PM	mg/L W mg/Kg \$ Highest Ht	SEALING
2							BY TBM
3							DN 10/25/00
4							@ 2040
5							
6							FAKE HARD
7							COPY RESUMES
8							by NW. 3, 10
9							
10							2 Copies

Relinquished by (Initials and Sign.) [Signature] **Date & Time** 10/26/00 17:20 **Relinquished to (Initials and Sign.)** [Signature]

Final Report Data Package Due Date: 10/26/00 17:20 **Rush TATs Fax Due:** _____ **Final Fax Due:** _____

Preservatives - Various (V), HCl pH<2 (M), H2SO4 pH<2 (S), HNO3 pH<2 (N), NaOH+Asbc Acid (NAA), Zn+Ac+NaOH (ZA), (Cool<4C) (CA), None (N), See Label (SL), Other (O)
SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (.5), Tedlar Bag (B), Wipe (W), Other _____ TYPE Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O)

Analytical Report 205493

for

3TM International

Project Manager: Randy Horsak

Project Name : Crystal Spring, Miss.

Project Id : 3TM DNA 102000-03

November 2, 2000



11381 Meadowglen, Suite L Houston, TX 77082 Ph:(281) 589-0692 Fax:(281) 589-0695

Houston - Dallas - San Antonio - Austin - Latin America



November 2, 2000

Project Manager: Randy Horsak
3TM International
1500 South Dairy Ashford, Suite 225
Houston , TX 77077

Reference: XENCO Report No: 205493
Project Name : Crystal Spring, Miss.
Project Address:

Dear Randy Horsak :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Chain of Custody Numbered 205493 . All results being reported under this Chain of Custody apply to the samples analyzed and properly identified with a Laboratory ID number.

All the results for the quality control samples were reviewed. Also, all parameters for data reduction and validation were reviewed. In view of this, we are able to release the analytical data for this report within acceptance criteria for accuracy, precision, completeness or properly flagged.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 3 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in COC No. 205493 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Sincerely,

Eddie L. Clemons, II
QA/QC Manager

*Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY*



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horsak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: thu Nov-02-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID: Field ID: Depth: Matrix: Sampled:	205493-001	205493-002	205493-003	205493-004	205493-005	205493-006
PCBs by EPA 8082	Analyzed: Units:	IBS01 1.0 ft Soil Oct-24-2000	IBS02 0.5 ft Soil Oct-24-2000	IBS03 1.0 ft Soil Oct-24-2000	IBS04 1.0 ft Soil Oct-24-2000	IBS05 0.5 ft Soil Oct-24-2000	IBS06 1.0 ft Soil Oct-24-2000
PCB-1016	ug/kg	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1221	ug/kg	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1232	ug/kg	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1242	ug/kg	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1248	ug/kg	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1254	ug/kg	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1260	ug/kg	223	174	2470	17.20	280	110
	RL	16.7	16.7	83.3	16.7	16.7	16.7
	RL	16.7	16.7	83.3	16.7	16.7	16.7
	RL	16.7	16.7	83.3	16.7	16.7	16.7
	RL	16.7	16.7	83.3	16.7	16.7	16.7
	RL	16.7	16.7	83.3	16.7	16.7	16.7
	RL	16.7	16.7	83.3	16.7	16.7	16.7

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 N = See Narrative, D = Analyte Reported from Dilution Analysis, E = Estimated Concentration

Eddie L. Clemons, II
 QA/QC Director



Certificate Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horsak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: thu Nov-02-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID: Field ID: Depth: Matrix: Sampled:	205493-007		205493-008		205493-009		205493-010		205493-011		205493-012	
		ug/kg	R.L.	ug/kg	R.L.	ug/kg	R.L.	ug/kg	R.L.	ug/kg	R.L.	ug/kg	R.L.
PCB-1016	IBS07 1.0 ft Soil Oct-24-2000	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1221	IBS07 1.0 ft Soil Oct-24-2000	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1232	IBS07 1.0 ft Soil Oct-24-2000	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1242	IBS07 1.0 ft Soil Oct-24-2000	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1248	IBS07 1.0 ft Soil Oct-24-2000	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1254	IBS07 1.0 ft Soil Oct-24-2000	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1260	IBS07 1.0 ft Soil Oct-24-2000	139	16.7	248	16.7	269	16.7	210	16.7	282	16.7	159	16.7

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Eddie L. Clemons, II
QA/QC Director



Certificate Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horsak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: thu Nov-02-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID:	Field ID:	Depth:	Matrix:	Sampled:	205493-013	205493-014	205493-015	205493-016	205493-017	205493-018	
	Analyzed:	Units:	ug/kg	R L	ug/kg	R L	ug/kg	R L	ug/kg	R L	ug/kg	R L
PCBs by EPA 8082												
PCB-1016						BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1221						BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1232						BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1242						BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1248						BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1254						BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1260						218	124	338	2110	1580	103	16.7

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Eddie L. Clemons, II
 QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX
Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03 **Date Received in Lab: Thu Oct-26-00 05:26 PM**
Project Manager: Randy Horsak **Date Report Faxed: thu Nov-02-00**
Project Location: **XENCO Contact: Brent Barron, II**

<i>Analysis Requested</i>		205493-019	205493-020	205493-021	205493-022	205493-023	205493-024
Lab ID:	Field ID:	IBS19	IBS20	2BS21	2BS22	2BS23	2BS24
Depth:	Matrix:	1.0 ft	1.0 ft	1.0 ft	0.5 ft	1.0 ft	1.0 ft
Sampled:	Analyzed:	Soil	Soil	Soil	Soil	Soil	Soil
Units:	Units:	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000
		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
PCB-1016	RL	16.7	33.3	16.7	16.7	16.7	16.7
PCB-1221	BRL	16.7	BRL	BRL	BRL	BRL	BRL
PCB-1232	BRL	16.7	BRL	BRL	BRL	BRL	BRL
PCB-1242	BRL	16.7	BRL	BRL	BRL	BRL	BRL
PCB-1248	BRL	16.7	BRL	BRL	BRL	BRL	BRL
PCB-1254	BRL	16.7	BRL	BRL	BRL	BRL	BRL
PCB-1260	192	16.7	776	50.76	178	130	110

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 N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
 QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Date Received in Lab: Thu Oct-26-00 05:26 PM

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horskak

Project Location:

Date Report Faxed: thu Nov-02-00

XENCO Contact: Brent Barron, II

Lab ID: Field ID: Depth: Matrix: Sampled:	205493-025 2BS25 0.5 ft Soil Oct-24-2000	205493-026 2BS26 1.0 ft Soil Oct-24-2000	205493-027 2BS27 1.0 ft Soil Oct-24-2000	205493-028 3BS28 0.5 ft Soil Oct-25-2000	205493-029 3BS29 1.0 ft Soil Oct-25-2000	205493-030 3BS30 0.5 ft Soil Oct-25-2000
Analysis Requested						
PCBs by EPA 8082						
PCB-1016	ug/kg R L 16.7	ug/kg R L 16.7	ug/kg R L 16.7	ug/kg R L 16.7	ug/kg R L 16.7	ug/kg R L 16.7
PCB-1221	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1232	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1242	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1248	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1254	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1260	135	85.70	138	454	131	180

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 N = See Narrative, D = Analyte Reported from Dilution Analysis, E = Estimated Concentration

Eddie L. Clemons, II
QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horsak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: thu Nov-02-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID:	205493-031	205493-032	205493-033	205493-034	205493-035	205493-036
	Field ID:	3BS31	3BS32	3BS33	3BS34	3BS35	3BS36
Depth:	0.5 ft	1.0 ft	1.0 ft	1.0 ft	1.0 ft	0.5 ft	0.5 ft
Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sampled:	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
Analyzed:	Oct-29-2000	Oct-30-2000	Oct-29-2000	Oct-29-2000	Oct-29-2000	Oct-29-2000	Oct-30-2000
Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
	R L	R L	R L	R L	R L	R L	R L
PCB-1016	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	16.7	16.7	16.7	16.7	16.7	16.7	16.7
PCB-1221	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	16.7	16.7	16.7	16.7	16.7	16.7	16.7
PCB-1232	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	16.7	16.7	16.7	16.7	16.7	16.7	16.7
PCB-1242	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	16.7	16.7	16.7	16.7	16.7	16.7	16.7
PCB-1248	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	16.7	16.7	16.7	16.7	16.7	16.7	16.7
PCB-1254	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	16.7	16.7	16.7	16.7	16.7	16.7	16.7
PCB-1260	73.89	37.57	222	189	85.33	609	609
	16.7	16.7	16.7	16.7	16.7	16.7	16.7

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.

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N = See Narrative, D = Analyte Reported from Dilution Analysis, E = Estimated Concentration

Eddie L. Clemons, II
QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX
Project Name: Crystal Springs, Miss.

Project ID: 3TM DNA 102000-03
Project Manager: Randy Horsak
Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM
Date Report Faxed: thu Nov-02-00
XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID :	205493-037	205493-038	205493-039	205493-040	205493-041	205493-042
	Field ID :	3BS37	3BS38	3BS39	4BS40	4BS41	4BS42
Depth :	1.0 ft	1.0 ft	1.0 ft	1.0 ft	1.0 ft	0.5 ft	1.0 ft
Matrix :	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sampled :	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
PCBs by EPA 8082	Analyzed :	Oct-29-2000	Oct-29-2000	Oct-29-2000	Oct-30-2000	Oct-31-2000	Oct-31-2000
Units :	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
	R L	R L	R L	R L	R L	R L	R L
PCB-1016	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1221	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1232	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1242	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1248	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1254	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1260	195	428	120	274	475	895	167

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, D = Analyte Reported from Dilution Analysis, E = Estimated Concentration

Eddie L. Clemons, II
QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX
Project Name: Crystal Spring, Miss.

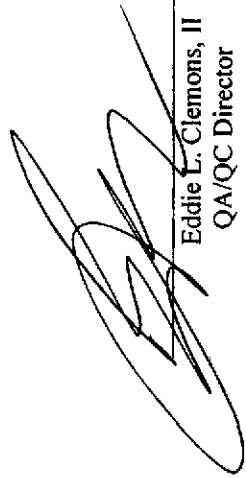
Date Received in Lab: Thu Oct-26-00 05:26 PM
Date Report Faxed: thu Nov-02-00
XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03
Project Manager: Randy Horsak
Project Location:

Analysis Requested	Lab ID:		Field ID:		Depth:		Matrix:		Sampled:	
	205493-043	4BS43	205493-044	4BS44	205493-045	4BS45	205493-046	4BS46	205493-047	4BS47
	1.0 ft	Soil	1.0 ft	Soil	1.0 ft	Soil	0.5 ft	Soil	1.0 ft	Soil
	Oct-25-2000		Oct-25-2000		Oct-25-2000		Oct-25-2000		Oct-25-2000	
PCBs by EPA 8082	Oct-31-2000	ug/kg	Oct-31-2000	ug/kg	Nov-01-2000	ug/kg	Nov-01-2000	ug/kg	Nov-01-2000	ug/kg
	R L		R L		R L		R L		R L	
PCB-1016	BRL	16.7	BRL	33.3	BRL	167	BRL	167	BRL	333
PCB-1221	BRL	16.7	BRL	33.3	BRL	167	BRL	167	BRL	333
PCB-1232	BRL	16.7	BRL	33.3	BRL	167	BRL	167	BRL	333
PCB-1242	BRL	16.7	BRL	33.3	BRL	167	BRL	167	BRL	333
PCB-1248	BRL	16.7	BRL	33.3	BRL	167	BRL	167	BRL	333
PCB-1254	BRL	16.7	BRL	33.3	BRL	167	BRL	167	BRL	333
PCB-1260	271	16.7	580	33.3	1720	167	2700	167	5440	333

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
 N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration


Eddie L. Clemmons, II
QA/QC Director



Certificate of Quality Control for Batch: 209472

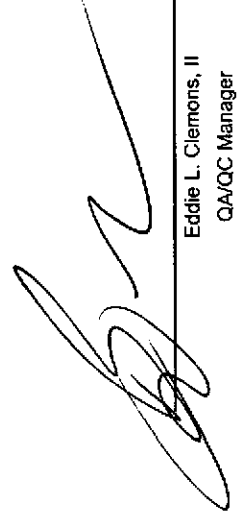
SW-846 8082 Polychlorinated Biphenyls

Date Validated: 10-31-00
 Date Analyzed: 10-28-00

Analyst: ROG
 Matrix: SOLID

Q.C. Sample ID BLK/BKS/BSD	BLANK SPIKE / BLANK SPIKE DUPLICATE AND RECOVERY											[J] Qualifier
	[A] Blank Result	[B] Spike Result	[C] Spike Duplicate Result	[D] Spike Amount	[E] Detection Limit	Blank Limit Relative Difference	[F] QC Spike Relative Difference	[G] QC Spike Recovery	[H] QC Duplicate Recovery	[I] BKS/BSD Recovery Range	[J] %	
Parameter	ppb	ppb	ppb	ppb	ppb	%	%	%	%	%	%	%
Aroclor-1016/1260	ND	372.11	358.52	333.33	16.67	15	3.72	111.63	107.56	56-121		

Spike Relative Difference $[F] = 200 * (B-C) / (B+C)$
 BKS = Laboratory Blank Spike
 BSD = Laboratory Blank Spike Duplicate
 Spike Recovery $[G] = 100 * (B-A) / [D]$
 Spike Duplicate Recovery $[H] = 100 * (C-A) / [D]$
 N.D. = Below detection limit or not detected



Eddie L. Clemons, II
 QA/QC Manager



Certificate of Quality Control for Batch: 209472

SW-846 8082 Polychlorinated Biphenyls

Date Validated: 10-31-00
 Date Analyzed: 10-28-00

Analyst: ROG
 Matrix: SOLID

Q.C. Sample ID 205493	MATRIX SPIKE / MATRIX SPIKE DUPLICATE AND RECOVERY											[J] Qualifier
	[A] Sample Result	[B] Spike Result	[C] Spike Duplicate Result	[D] Spike Amount	[E] Detection Limit	Matrix Limit Relative Difference %	[F] QC Spike Relative Difference %	[G] QC Spike Recovery %	[H] QC Duplicate Recovery %	[I] MSMSD Recovery Range %	[J] Qualifier	
Parameter Aroclor-1016/1260	ppb 85.33	ppb 405.43	ppb 456.32	ppb 333.33	ppb 16.67	15	11.81	96.03	111.30	56-121		

Spike Relative Difference [F] = $200 \times (B-C)/(B+C)$
 BKS = Laboratory Blank Spike
 BSD = Laboratory Blank Spike Duplicate
 Spike Recovery [G] = $100 \times (B-A)/[D]$
 Spike Duplicate Recovery [H] = $100 \times (C-A)/[D]$
 N.D. = Below detection limit or not detected

Eddie L. Clemons, II
 QA/QC Manager



Certificate of Quality Control for Batch: 209515

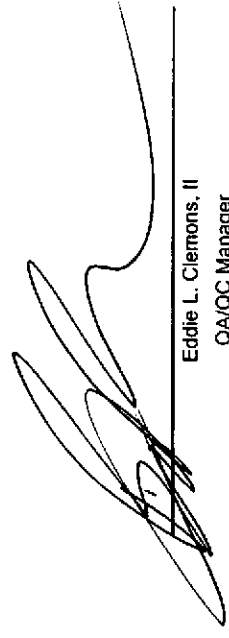
SW-846 8082 Polychlorinated Biphenyls

Date Validated: 11-02-00
 Date Analyzed: 10-31-00

Analyst: ROG
 Matrix: SOLID

BLANK SPIKE / BLANK SPIKE DUPLICATE AND RECOVERY											
Q.C. Sample ID BLK/BKS/BSD	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]	[J]	[K]
	Blank Result	Spike Result	Spike Duplicate Result	Spike Amount	Detection Limit	QC	QC	QC	QC	BKS/BSD Recovery Range	Qualifier
Parameter	ppb	ppb	ppb	ppb	ppb	%	%	%	%	%	
Aroclor-1016/1260	ND	296.97	309.00	333.33	16.67	3.97	89.09	92.70	56-121		

Spike Relative Difference [F] = $200 \times (B-C)/(B+C)$
 BKS = Laboratory Blank Spike
 BSD = Laboratory Blank Spike Duplicate
 Spike Recovery [G] = $100 \times (B-A)/[D]$
 Spike Duplicate Recovery [H] = $100 \times (C-A)/[D]$
 N.D. = Below detection limit or not detected



Eddie L. Clemons, II
 QA/QC Manager



Certificate of Quality Control for Batch: 209515

SW-846 8082 Polychlorinated Biphenyls

Date Validated: 11-02-00
 Date Analyzed: 10-31-00

Analyst: ROG
 Matrix: SOLID

MATRIX SPIKE / MATRIX SPIKE DUPLICATE AND RECOVERY												
Q.C. Sample ID 205493	[A]	[B]	[C]	[D]	[E]	Matrix Limit		[F]	[G]	[H]	[I]	[J]
	Sample Result ppb	Spike Result ppb	Spike Duplicate Result ppb	Spike Amount ppb	Detection Limit ppb	Relative Difference %	Relative Difference %	QC	Spike Recovery %	Duplicate Recovery %	MSMSD Recovery Range %	Qualifier
Aroclor-1016/1260	270.51	673.66	690.93	333.33	16.67	15	2.53	120.95	126.13	56-121	I	

Spike Relative Difference [F] = $200 \times (B-C) / (B+C)$
 BKS = Laboratory Blank Spike
 BSD = Laboratory Blank Spike Duplicate
 Spike Recovery [G] = $100 \times (B-A) / [D]$
 Spike Duplicate Recovery [H] = $100 \times (C-A) / [D]$
 N.D. = Below detection limit or not detected

Eddie L. Clemons, II
 QA/QC Manager



Certificate of Quality Control for Batch: 209505

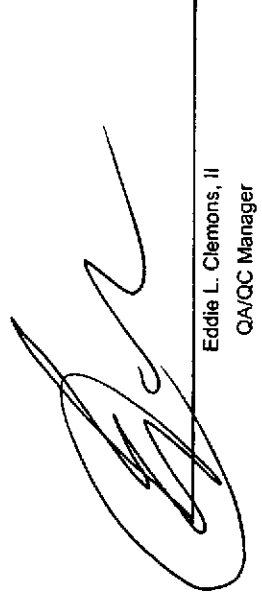
SW-846 8082 Polychlorinated Biphenyls

Date Validated: 11-01-00
 Date Analyzed: 10-28-00

Analyst: ROG
 Matrix: SOLID

BLANK SPIKE / BLANK SPIKE DUPLICATE AND RECOVERY											
Q.C. Sample ID BLK/BKS/BSD	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]	[J]	
	Blank Result	Spike Result	Spike Duplicate Result	Spike Amount	Detection Limit	QC	QC	QC	BKS/BSD Recovery Range %	QC	QC
Parameter	ppb	ppb	ppb	ppb	ppb	Spike Relative Difference %	Spike Recovery %	Duplicate Recovery %	Recovery %	Recovery %	Qualifier
Aroclor-1016/1260	ND	333.42	327.19	333.33	16.67	1.89	100.03	98.16	56-121		
						Blank Limit Relative Difference %					
						15					

Spike Relative Difference [F] = $200 \cdot (B-C)/(B+C)$
 BKS = Laboratory Blank Spike
 BSD = Laboratory Blank Spike Duplicate
 Spike Recovery [G] = $100 \cdot (B-A)/[D]$
 Spike Duplicate Recovery [H] = $100 \cdot (C-A)/[D]$
 N.D. = Below detection limit or not detected



Eddie L. Clemons, II
 QA/QC Manager



Certificate of Quality Control for Batch: 209505

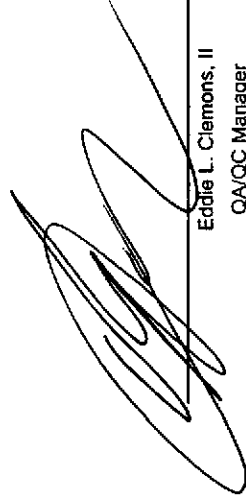
SW-846 8082 Polychlorinated Biphenyls

Date Validated: 11-01-00
Date Analyzed: 10-28-00

Analyst: ROG
Matrix: SOLID

Q.C. Sample ID 205493	[A] Sample Result ppb 268.59	[B] Spike Result ppb 650.01	[C] Spike Duplicate Result ppb 566.73	[D] Spike Amount ppb 333.33	[E] Detection Limit ppb 16.67	Matrix Limit Relative Difference % 15	[F]		[G]		[H]		[I] MS/MSD Recovery Range % 56-121	[J] Qualifier
							QC	Spike Relative Difference %	QC	Spike Recovery %	QC	Duplicate Recovery %		
Parameter														
Aroclor-1016/1260								13.69	114.43	89.44				

Spike Relative Difference [F] = $200 \times (B-C)/(B+C)$
 BKS = Laboratory Blank Spike
 BSD = Laboratory Blank Spike Duplicate
 Spike Recovery [G] = $100 \times (B-A)/[D]$
 Spike Duplicate Recovery [H] = $100 \times (C-A)/[D]$
 N.D. = Below detection limit or not detected



Eddie L. Clemons, II
QA/QC Manager



FLAGGING CRITERIA

A	MS or MSD outside control limits; LCS is within acceptance range.
B	Target identified in blank.
C	High analyte concentration effects MS recovery.
D	The result is from a diluted sample. Analyte on original run was E flagged.
E	The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
F	RPD exceeded lab control limits. Non-Homogenous sample
G	Common laboratory contaminant. It's presence indicates possible field or lab contamination.
H	LCS recovery above control limit.
I	MS or MSD recovery outside control limits due to possible matrix or chemical interference. LCS recovery is within acceptance range. Could cause RPD failure.
J	The target analyte was positively identified below the RL or MQL but above the MDL.
K	Sample analyzed outside of holding time.
M	Possible matrix or chemical interference.
U	Analyte was not detected above the MDL.
Y	LCS reported below control limit.

10/30/2000

11381 Meadowglen, Suite L
Houston, Texas, 77082
281-589-0692 phone
281-589-0695 fax

11078 Morrison Road Ste. D
Dallas, Texas, 75229
972-481-9999 phone
972-481-9998 fax

5309 Wurzbach Road, Suite 104
San Antonio, Texas, 78238
210-509-3334 phone
210-509-3335 fax

e-mail - xenco@xenco.com

website - <http://www.xenco.com>



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 5309 Wurzbach Road, Suite 104, San Antonio, TX 78238 210-509-3334
 11078 Morrison Ln, Suite D, Dallas, TX 75229 972-481-9999

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD
On-LINE Help & Technical Services at www.xenco.com
 Company COC No: 38352

Company: **BTM** Phone: **281 497-1236** Lab Only: **205493-17**

Project Name: **CRYSTAL SPRING, MISS. 374 DNA 10200-03** Project ID: **281 497-1236**

Location: **CRYSTAL SPRING, MISS. 374 DNA 10200-03**

Project Manager (PM): **KANDY HESTER** Project Director (PD):

Fax Results to: PM and/or Fax

Invoice to: Accounting Include Invoice with Final Report Affn PM Invoice must have a P.O. Bill to:

Quote No. P.O. No. Call for a P.O.

Special DLs (RR I RR II DW QAPP See Lab PM Call Proj. PM)

Specifications

Sampler Name: **BTM** Signature: **[Signature]**

Sample ID	Sampling Date	Time	Depth	Matrix	APSW	Composite	Grab	# Containers	Container Size	Type	Preservatives
1 B501	10/24/00	1355	1.0'	S						None	
2 B502		1145	0.5'								
3 B503		1405	1.0'								
4 B504		1337	1.0'								
5 B505		1135	0.5'								
6 B506		1155	1.0'								
7 B507		1700	1.0'								
8 B508		1210	1.0'								
9 B509		1214	1.0'								
10 B510		1220	0.5'								

Relinquished by (Initials and Sign.): **[Signature]** Date & Time: **10/26/00 1700** Relinquished to (Initials and Sign.): **[Signature]** Date & Time: **10/26/00 17:26**

Final Report Data Package Due Date: **10/26/00** Final Report Data Package Due Date: **10/26/00**

Relinquished by (Initials and Sign.): **[Signature]** Date & Time: **10/26/00 17:26** Relinquished to (Initials and Sign.): **[Signature]** Date & Time: **10/26/00 17:26**

Lab Only Additions	Date	From:	Revised By:	Date	From:

Preservatives - Various (V), HCl pH<2 (M), H2SO4 pH<2 (S), HNO3 pH<2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool,<4C) (C4), None (N), See Label (SL), Other (O)
 SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (.5), Tedlar Bag (B), Wipe (W), Other _____ TYPE Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O)

11381 Meadowglen, Suite L, Houston TX 77082 281-589-0692
 5309 Wurzbach Road, Suite 104, San Antonio, TX 78238 210-509-3334
 11078 Morrison Ln, Suite D, Dallas, TX 75229 972-481-9999

Company: 3TM
 Phone: 281 497-1230
 Project Name: 3TM DNA (0200-03)
 Location: 37M DNA (0200-03)
 Project Manager (PM): Randy Horvath
 Project Director (PD):
 Fax Results to: PM and/or Fax
 Invoice to: Accounting Include Invoice with Final Report Attn PM Invoice must have a P.O. Bill to:
 Quote No.: P.O. No. Call for a P.O.
 Special Dils (RR I RR II DW QAPP See Lab PM Call Proj. PM)
 Specifications:

Sample ID	Sampling Date	Time	Depth	Matrix	APSW	Composite	Grab	# Containers	Container Size	Type	Preservatives
'B5 11	10/24/00	1257	1.0'	S				4	4L		
'B5 12		1249	0.5'								
'B5 13		1240	0.2'								
'B5 14		1255	1.0'								
'B5 15		1310	1.0'								
'B5 16		1325	1.5'								
'B5 17		1335	1.5'								
'B5 18		1410	1.0'								
'B5 19		1416	1.0'								
'B5 20		1425	1.0'								

Sample ID	Sampling Date	Time	Depth	Matrix	APSW	Composite	Grab	# Containers	Container Size	Type	Preservatives
'B5 11	10/24/00	1257	1.0'	S				4	4L		
'B5 12		1249	0.5'								
'B5 13		1240	0.2'								
'B5 14		1255	1.0'								
'B5 15		1310	1.0'								
'B5 16		1325	1.5'								
'B5 17		1335	1.5'								
'B5 18		1410	1.0'								
'B5 19		1416	1.0'								
'B5 20		1425	1.0'								

Relinquished by (Initials and Sign.): [Signature]
 Date & Time: 10/26/00 17:20
 Relinquished to (Initials and Sign.): [Signature]
 Date & Time: 10/26/00 17:20
 Total Containers per COC: 10
 Cooler Temp: 26 degrees
 Final Report Data Package Due Date: 10/26/00
 Final Report Data Package Due Date: 10/26/00
 Final Report Data Package Due Date: 10/26/00

Preservatives - Various (M), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool.<4C) (C4), None (N), See Label (SL), Other (O)
 SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tearable Bag (B), Wipe (W), Other _____ TYPE Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O)

- 11381 Meadowglen, Suite L Houston TX 77082 281-589-0692
- 5309 Wurzbach Road, Suite 104, San Antonio, TX 78238 210-509-3334
- 11078 Morrison Ln, Suite D, Dallas, TX 75229 972-481-9999

Company: 3M Phone: 281 497-1230

Project Name: 3M ONA 10200-03

Location: 3M STALE SPAREPARTS, MISS.

Project Manager (PM): RANDY HERSAGE

Project Director (PD): _____

Fax Results to: PM and/or _____ Fax _____

Invoice to: Accounting Include Invoice with Final Report Attn PM Invoice must have a P.O. Bill to: _____

Quote No.: _____ P.O. No.: Call for a P.O.

Special DIs (RR I RR II DW QAPP See Lab PM Call Proj. PM)

Specifications:

Sampler Name: TISM Signature: [Signature]

Sample ID	Sampling Date	Time	Depth	Matrix	APSW	Composite	Grab	# Containers	Container Size	Type	Preservatives
2BS 21	10/24/00	1545	1.0'	S					4LZ		
2BS 22		1550	0.5'								
2BS 23		1600	1.0'								
2BS 24		1630	1.0'								
2BS 25		1607	0.5'								
2BS 26		1615	1.0'								
2BS 27		1620	1.0'								
2BS 28	10/25/00	1200	0.5'								
2BS 29		1320	1.0'								
2BS 30		1306	0.5'								

Relinquisher (Initials and Sign.): [Signature] Date & Time: 10/24/00 1500

Relinquisher to (Initials and Sign.): [Signature] Date & Time: 10/26/00 11:00am

Final Report Data Package Due Date: _____

Rush TATs Fax Due: _____

Final Fax Due: _____

Relinquisher: [Signature]

TAT	5h	12h	20h	24h	48h	3d	5d	7d	14d	21d	Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days	Remarks	Date	From:	Rev by:	Date	From:	Rev by:	Date	From:
PAHs by 8270	8100	8310																		
METALS by 6020	BRCRA	Tot Pb	TCLP	8	13PP	23TAL	List													
VOAs by 8260	624	BTEX	MTBE	PPs	TCLP	See List	Call PM													
SVOAs by 8270	625	PAHs	BN&A	TCLP	PPs	See List	Call PM													
TPH by TX1005	418	1664	8015GRO	8015DRO	FLPRO															
BTEX-MTBE by 8021	8260	602	624	Other																
PAHs	mg/L	W																		
Address: PAH above	mg/L	W																		
Hold Analysis																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

Preservatives - Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool, <4C) (CA), None (N), See Label (SL), Other (O)
 SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tederal Bag (B), Wipe (W), Other _____ TYPE Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O)



11381 Meadowglen, Suite L Houston TX 77082 281-589-0692
 5309 Wurzbach Road, Suite 104, San Antonio, TX 78238 210-509-3334
 11078 Morrison Ln, Suite D, Dallas, TX 75229 972-481-9999

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD
 On-LINE Help & Technical Services at www.xenco.com
 Company COC No: 38350

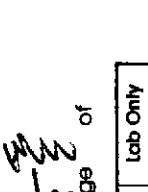
4
 Page 1 of 1

Company: 3TM Phone: 81 497-1230
 Project Name: Previously done at XENCO
 Project ID: 3TM DNA 10200-03
 Location: CRYSTAL SPRINGS, MS
 Project Manager (PM): ANDY HORSACK
 Project Director (PD):
 Fax Results to: PM and / or Fax
 Invoice to: Accounting Include Invoice with Final Report Attn PM Invoice must have a P.O. Bill to:
 Quote No.: P.O. No: Call for a P.O.
 Special DLs (RR I, RR II, DW, QAPP, See Lab PM, Call Proj. PM)
 Specifications:

Sample ID	Sampling Date	Time	Dep #	Matrix	A P S W	Composite	Grab	# Containers	Container Size	Type	Preservatives	BTEX by 8021 8260 602 624 Other	BTEX-MTBE by 8021 8260 602 624 Other	TPH by TX1005 418 1664 8015GRO 8015DRO FLPRO	PAHs by 8270 8100 8310	METALS by 6020 8RCRA Tot Pb TCP, 13PP 23TAL List	VOAs by 8260 624 BTEX MTBE PPs TCP See List Coll PM	SVOAs by 8270 625 PAHs BN&A TCP PPs See List Coll PM	TAT 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days										Date	Revised by:	Date	Revised by:							
																			5h	12h	20h	24h	48h	3d	5d	7d	14d	21d					Adn: PAH above mg/L W.	Hold Analysis	Remarks	From:	From:		
7BS 31	10/25/08	1245	0.5	S				4																															
7BS 32		1325	1.0																																				
7BS 33		1330	1.0																																				
7BS 34		1335	1.0																																				
7BS 35		1340	0.5																																				
7BS 36		1330	0.5																																				
7BS 37		1316	1.0																																				
7BS 38		1255	1.0																																				
7BS 39		1246	1.0																																				
7BS 40		1146	1.0																																				

Relinquished by: [Signature] Date & Time: 10/26/08 17:00
 Relinquished to (Initials and Sign.): [Signature] Date & Time: 10/26/08 17:00
 Final Report Data Package Due Date: 10/26/08 17:00
 Rush TATs Fax Due: 10/26/08 17:00
 Final Report Data Package Due Date: 10/26/08 17:00
 Cooler Temp: _____
 Final Fax Due: _____
 Rush TATs Fax Due: _____
 Final Report Data Package Due Date: _____

Preservatives - Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool.<4C) (CA), None (N), See Label (SL), Other (O)
 SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (.5), Tediator Bag (B), Wipe (W), Other _____ TYPE Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O)



ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD
 On-LINE Help & Technical Services at www.xenco.com
 Company COC No: **38351**

11381 Meadowglen, Suite L, Houston TX 77082 281-589-0692
 5309 Wurzbach Road, Suite 104, San Antonio, TX 78238 210-509-3334
 11078 Morrison Ln, Suite D, Dallas, TX 75229 972-481-9999

Work Order No: **205493-1**

Company **3PM** Phone **281 497-1238** Lab Only: **205493-1**

Project Name **CRYSTAL SPRINGS, MS** Project ID **3PM DNA 10220-03** TAT: 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days

Location **CRYSTAL SPRINGS, MS** Project Director (PD) **KANDY HORSACEK** unless otherwise agreed in writing. But often reported in 5-7 Working Days

Project Manager (PM) **KANDY HORSACEK** Fax **281 497-1238**

Invoice to Accounting Include Invoice with Final Report Attn PM Invoice must have a P.O. Bill to:

Quote No. **P.O. No** Call for a P.O.

Special DLs (RR I RR II DW GAPP See Lab PM Call Proj. PM)

Specifications

Sample ID	Sampler Name	Signature	Time	Depth	Matrix	Composite	# Containers	Container Size	Type	Preservatives
4BS 41	TBM	J. B. V. [Signature]	1635	0.5'	S		472	472		
4BS 42	TBM	J. B. V. [Signature]	1650	1.0'	S					
4BS 43	TBM	J. B. V. [Signature]	1625	1.0'	S					
4BS 44	TBM	J. B. V. [Signature]	1700	1.0'	S					
4BS 45	TBM	J. B. V. [Signature]	1715	1.0'	S					
4BS 46	TBM	J. B. V. [Signature]	1655	0.5'	S					
4BS 47	TBM	J. B. V. [Signature]	1707	1.0'	S					

Sample ID	TPH by TX1005	PAHs by 8270	METALS by 6020	VOAs by 8260	SVOAs by 8270	Hold Analysis	Remarks	Date	From:
1	418 1664 8015GRO 8015DRO FLPRO	8100 8310	6020 BRCA Tot Pb TCLP 8 13PP 23TAL List	8260 624 BTEX MTBE PPs TCLP See List Call PM	8270 625 PAHs BN&A TCLP PPs See List Call PM		SEALS		
2							BY TBM		
3							DN 10/25/00		
4							Q 2040		
5							FAX HARD		
6							COPY RESUMES		
7							by NW. 3/00		
8									
9									
10							2 COPIES		

Relinquished by (Initials and Sign.) **J. B. V.** Date & Time **10/26/00 17:00** Relinquished to (Initials and Sign.) **J. B. V.** Date & Time **10/26/00 17:00**
 Rush TATs Fax Due: **10/26/00 17:00** Final Report Data Package Due Date: **10/26/00 17:00**

Preservatives - Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), NaOH+Asoc Acid (NAA), ZnAc+NaOH (ZA), (Cool,<4C) (C4), None (N), See Label (SL), Other (O)
 SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (-5), 500ml (-5), Tectlar Bag (B), Wipe (W), Other _____ TYPE Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O)

```

=====
Injection Date   : 10/30/00 1:09:40 AM           Seq. Line :   32
Sample Name     : 205493-01                     Vial      :   32
Acq. Operator   : ROG                           Inj       :    1
                                                    Inj Volume: 2 µl
=====

```

```

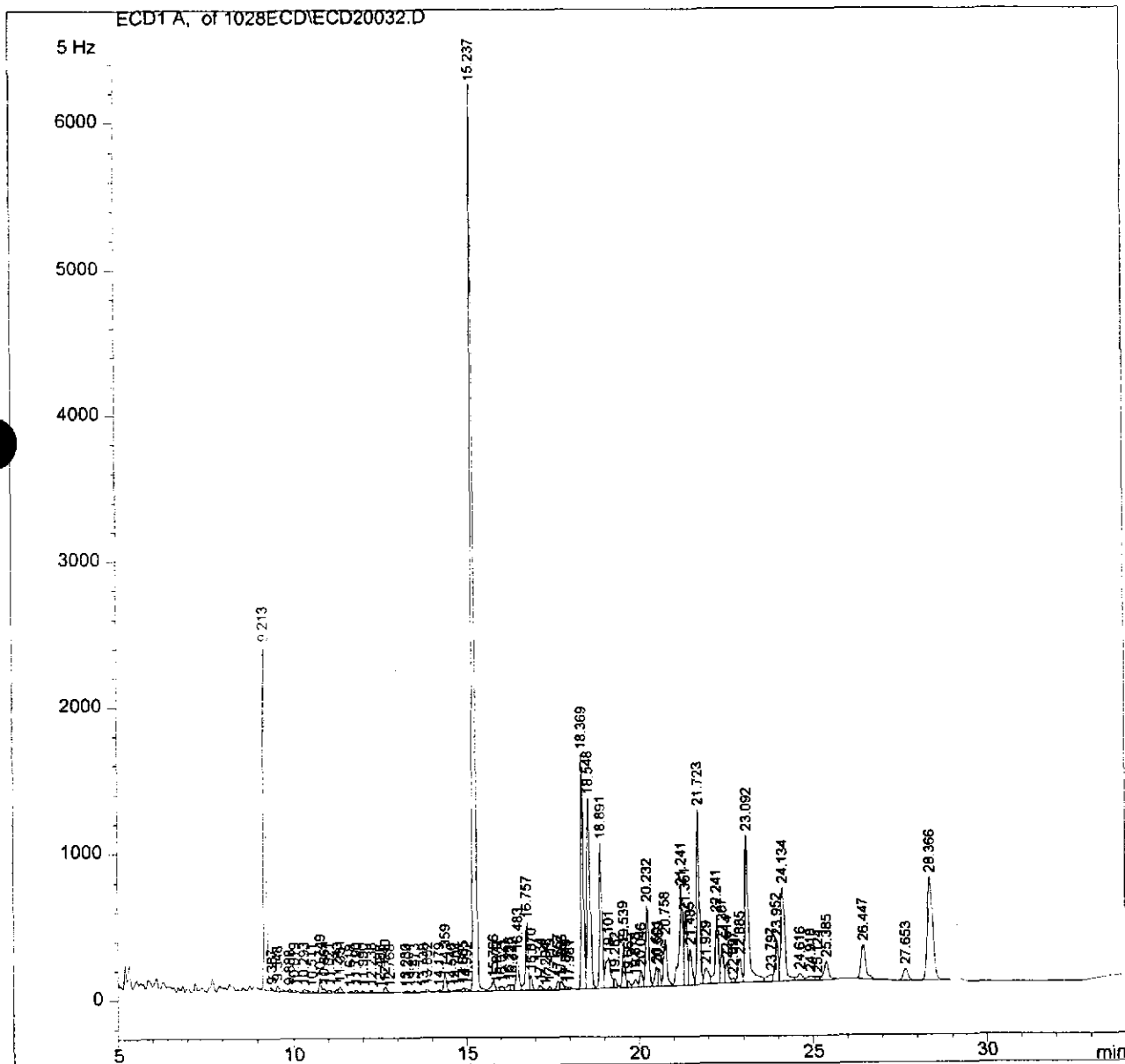
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/28/00 10:24:55 AM
                  (modified after loading)

```

```

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====

```



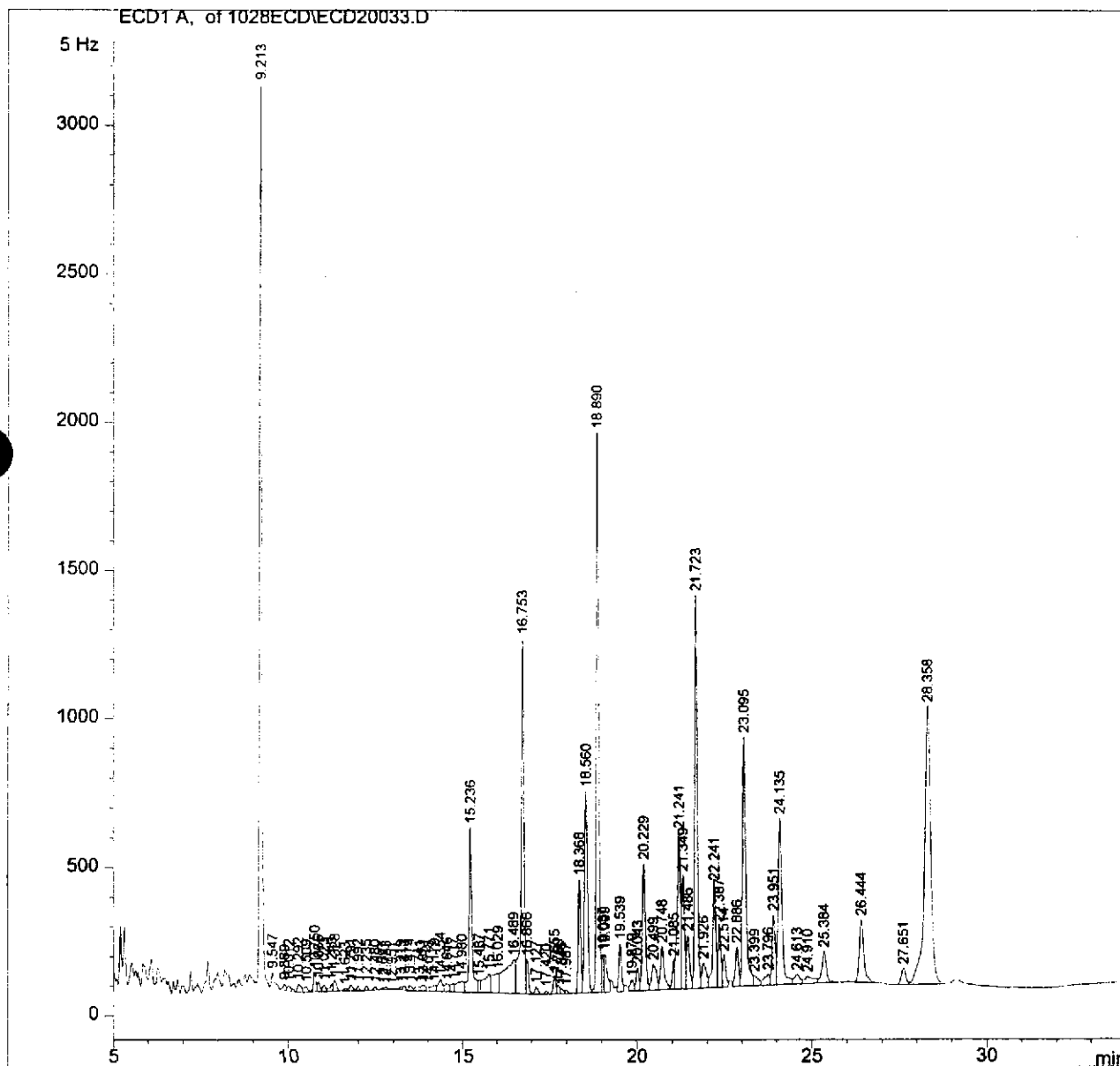
```

=====
Injection Date   : 10/30/00 1:46:35 AM           Seq. Line   : 33
Sample Name     : 205493-02                     Vial        : 33
Acq. Operator   : ROG                           Inj         : 1
                                                    Inj Volume  : 2 µl
    
```

```

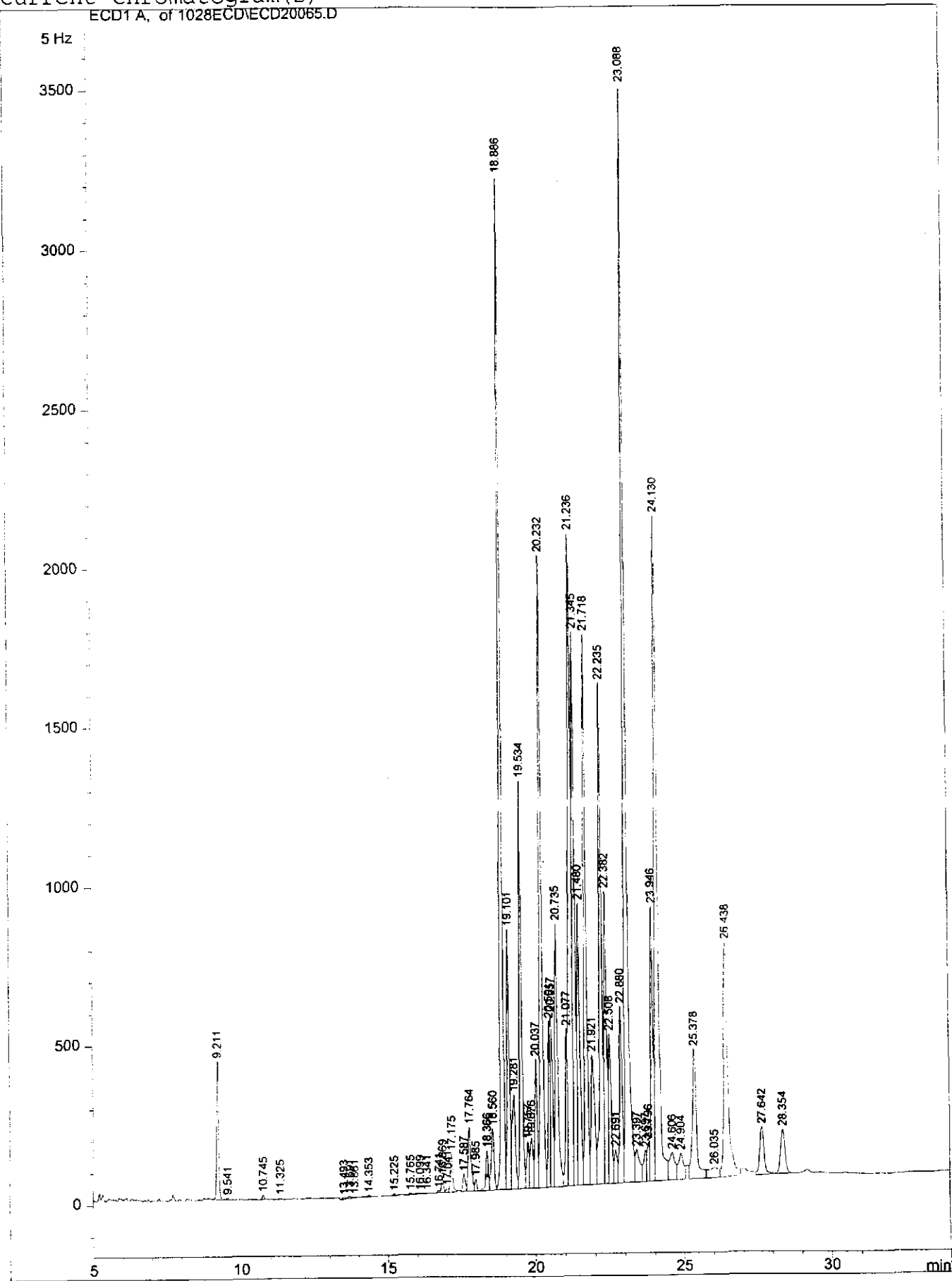
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/28/00 10:24:55 AM
                  (modified after loading)
    
```

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
 INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
 EQUIVALENT AS OF THIS DATE)



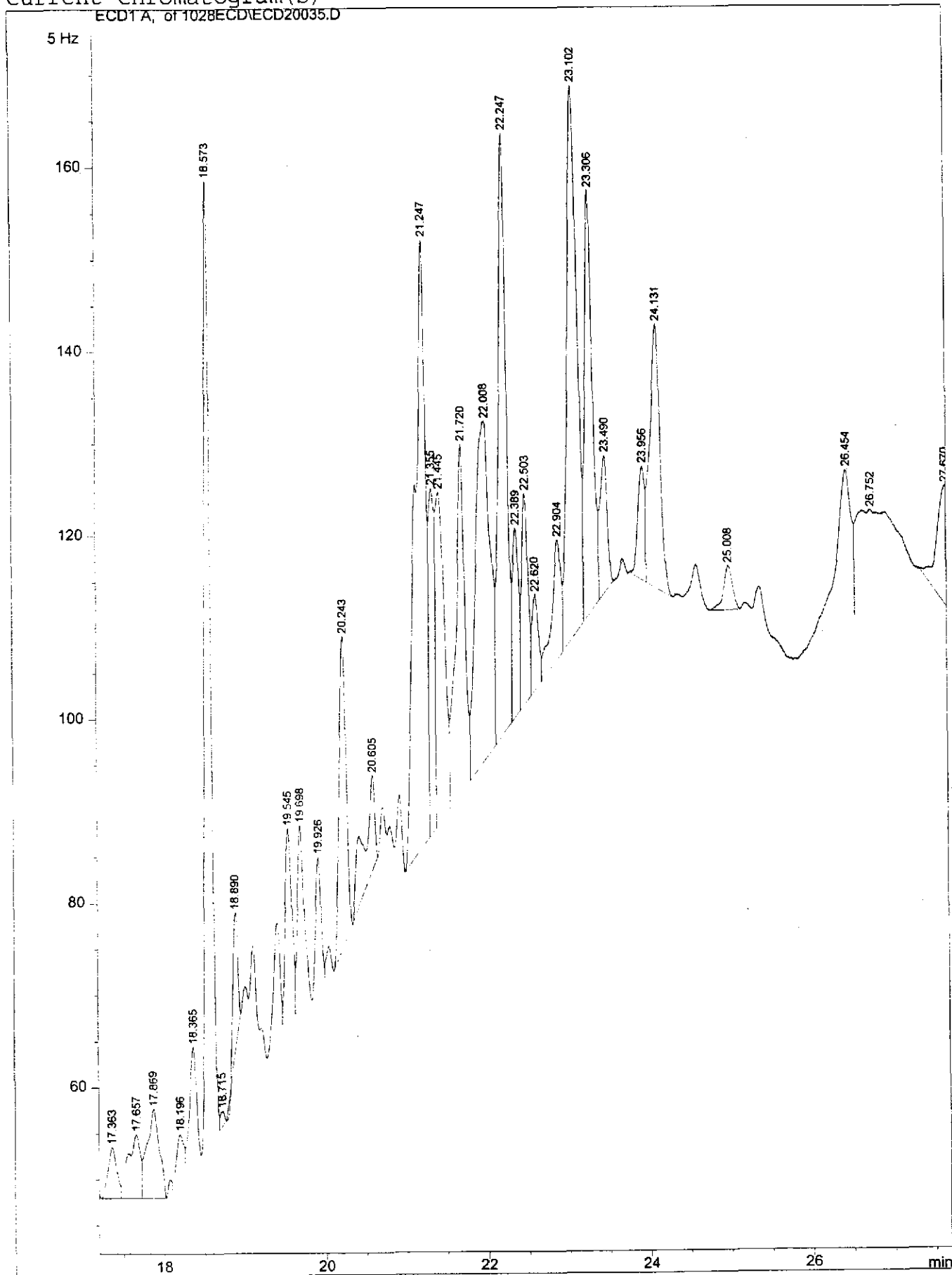
Current Chromatogram(s)

ECD1 A, of 1028ECD\ECD20065.D



Current Chromatogram(s)

ECD1A, of 1028ECD\ECD20035.D




```

=====
Injection Date : 10/30/00 3:00:24 AM          Seq. Line : 35
Sample Name    : 205493-04                    Vial      : 35
Acq. Operator  : ROG                          Inj       : 1
                                           Inj Volume: 2 µl
=====

```

```

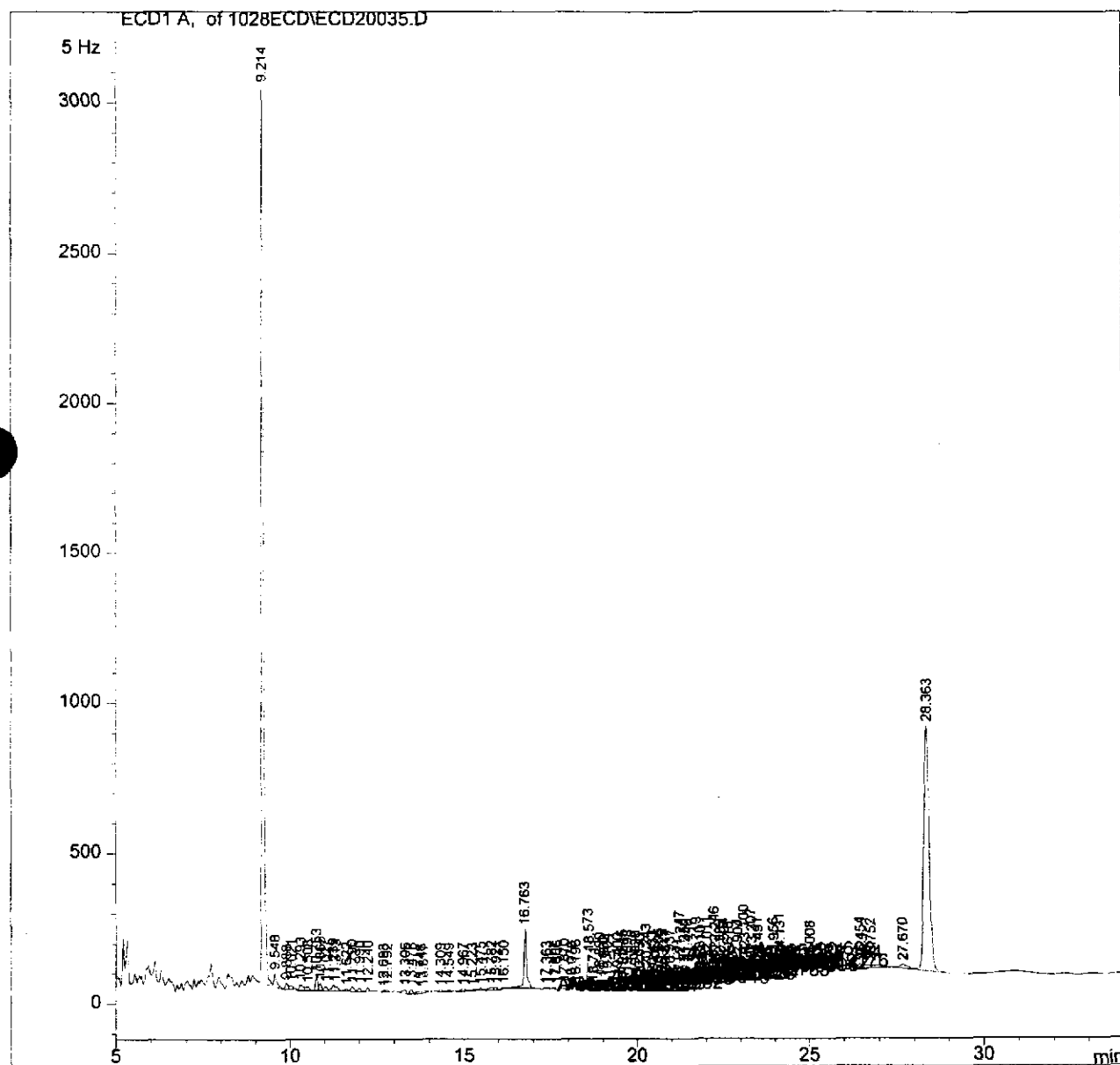
Acq. Method    : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed   : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed   : 10/31/00 1:37:56 PM
                (modified after loading)

```

```

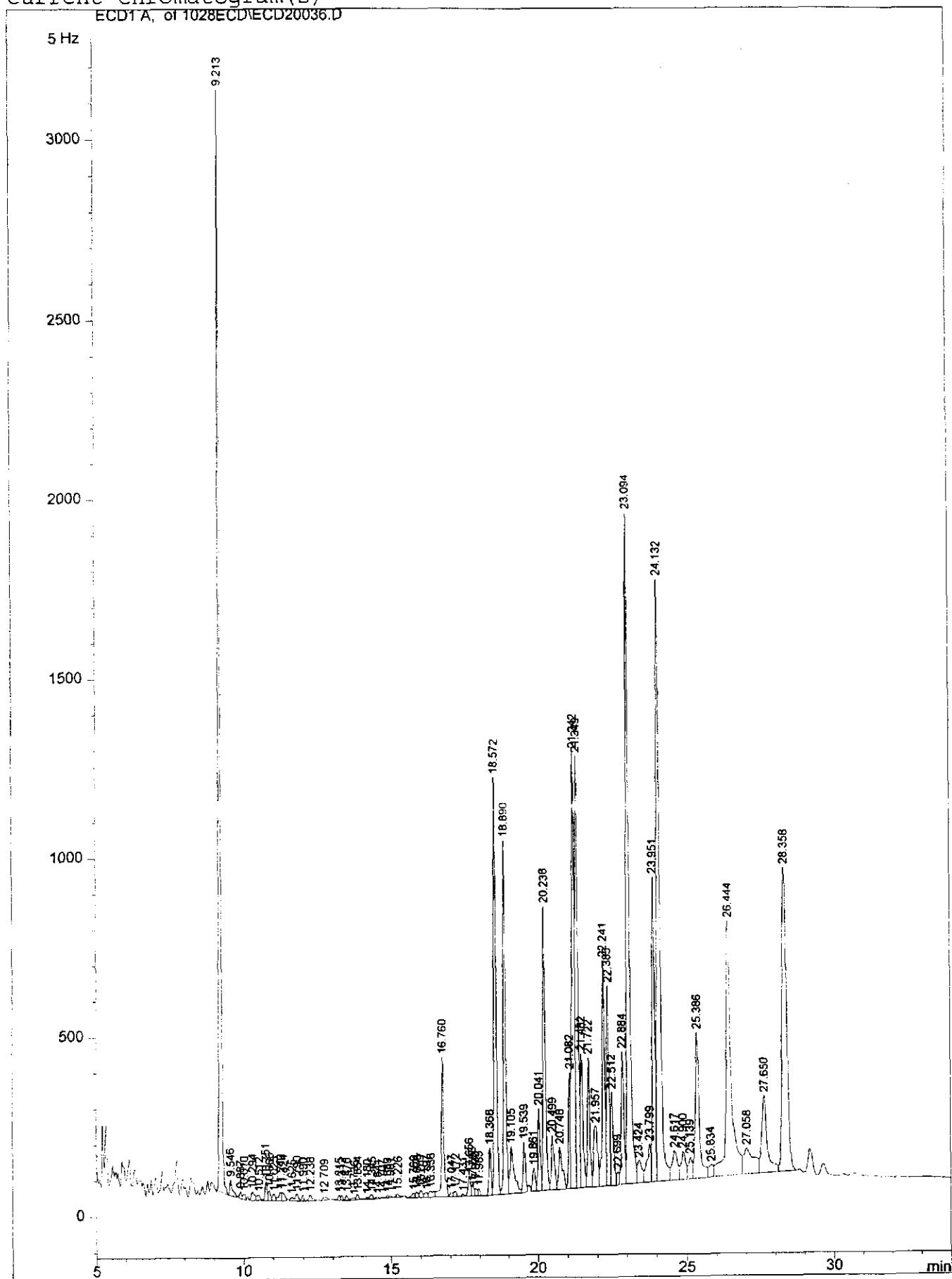
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====

```



Current Chromatogram(s)

ECD1A, of 1028ECD\ECD20036.D

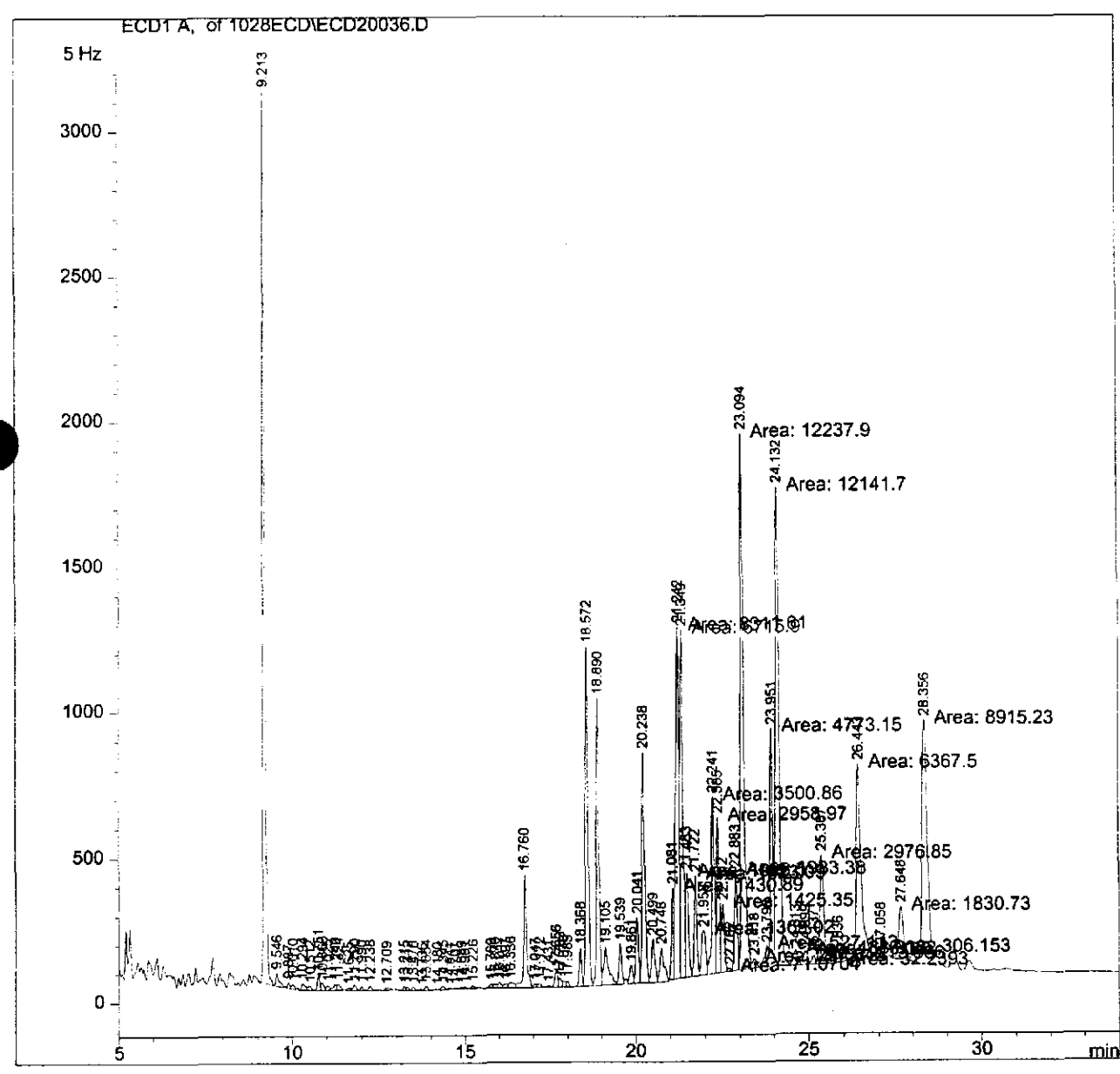


Injection Date : 10/30/00 3:37:18 AM
Sample Name : 205493-05
Acq. Operator : ROG

Seq. Line : 36
Vial : 36
Inj : 1
Inj Volume : 2 µl

Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed : 10/31/00 1:37:56 PM
(modified after loading)

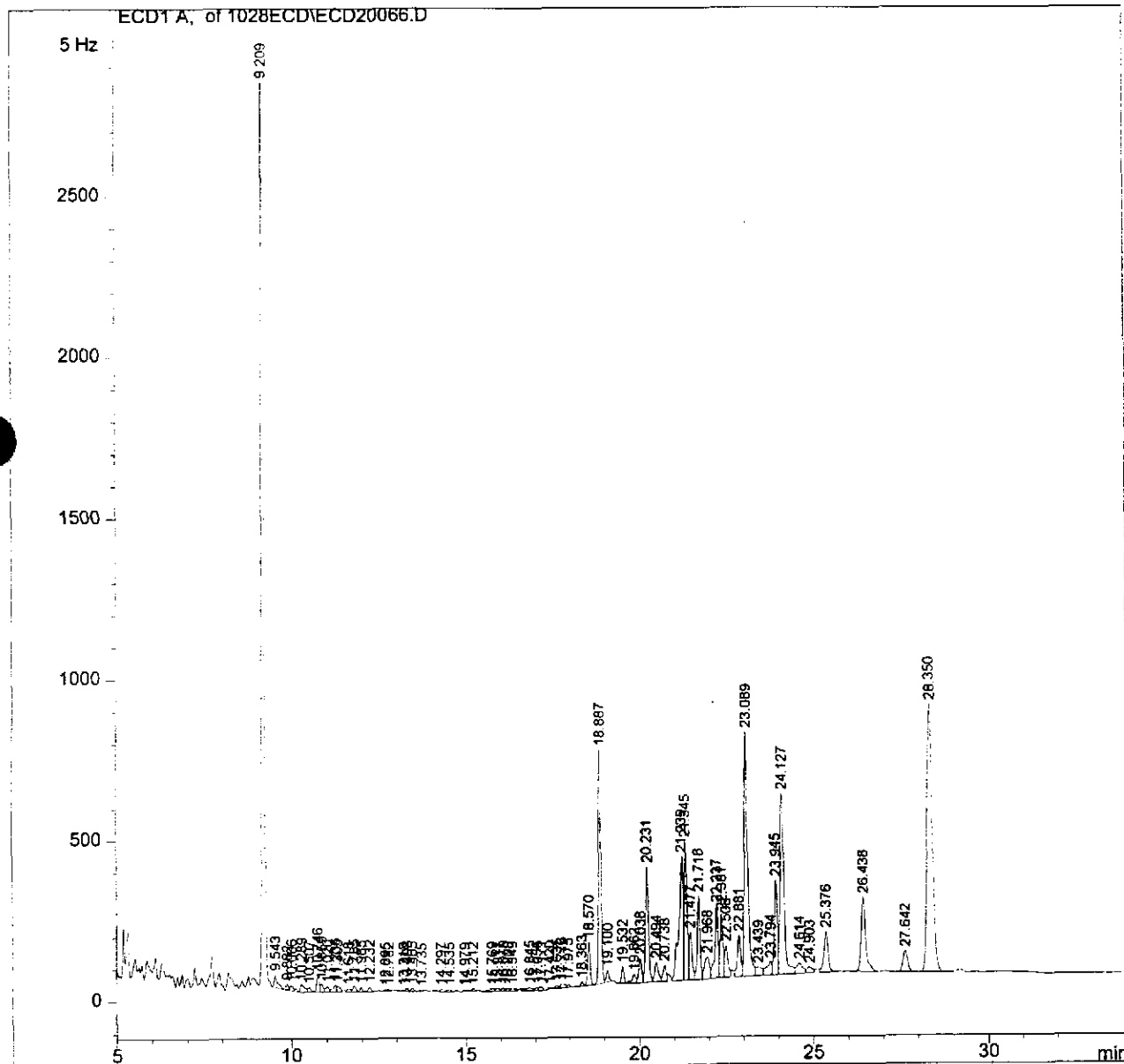
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)



```
=====
Injection Date   : 10/30/00 11:38:24 PM           Seq. Line :   66
Sample Name     : 205493-06                       Vial      :   66
Acq. Operator   : ROG                             Inj       :    1
                                                    Inj Volume: 2 µl
=====
```

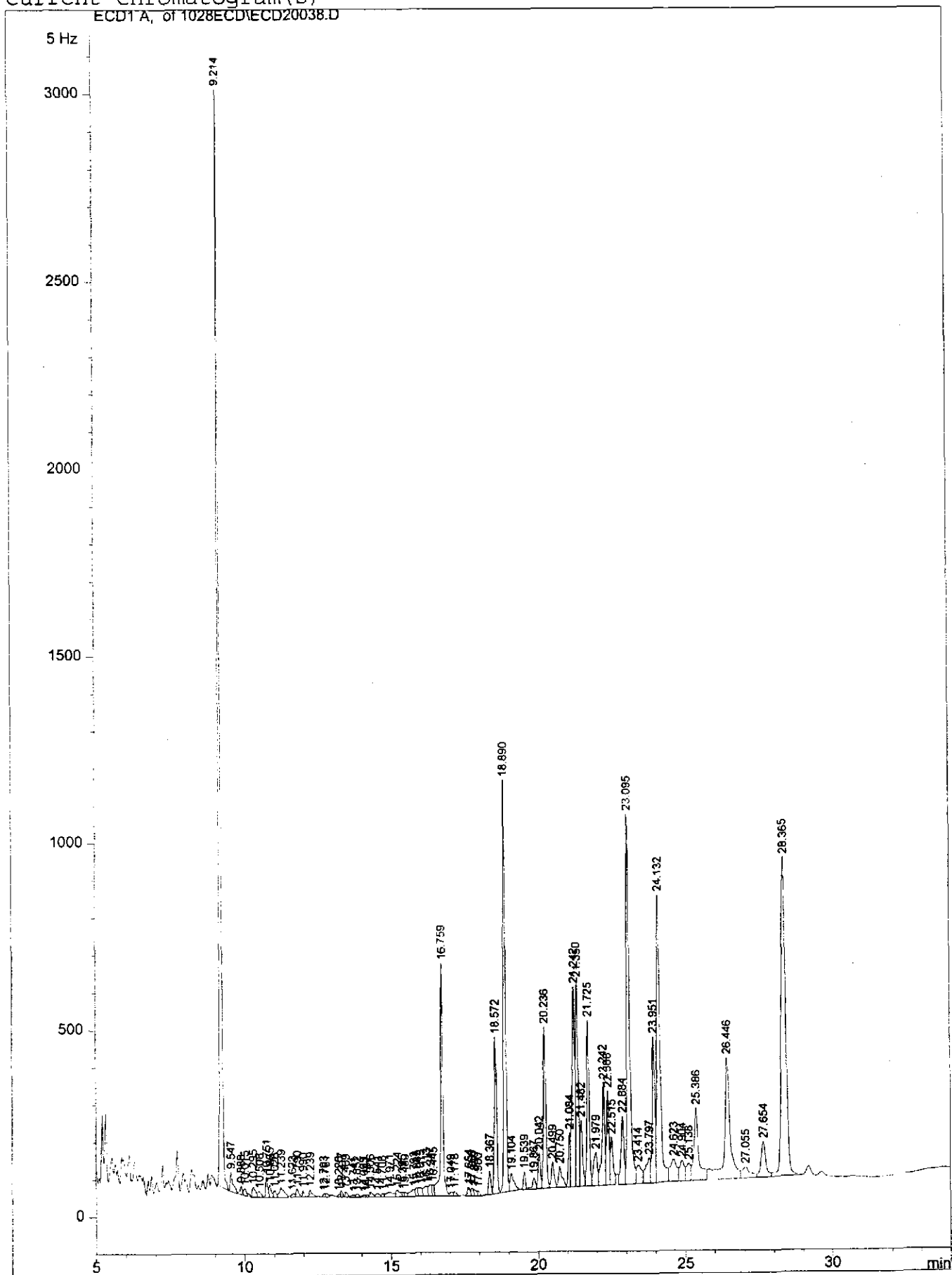
```
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                (modified after loading)
```

```
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
```



Current Chromatogram(s)

ECD1A, of 1028ECD\ECD20038.D



```

=====
Injection Date   : 10/30/00 4:51:08 AM           Seq. Line :   38
Sample Name     : 205493-07                     Vial      :   38
Acq. Operator   : ROG                           Inj       :    1
                                                    Inj Volume: 2 µl
=====

```

```

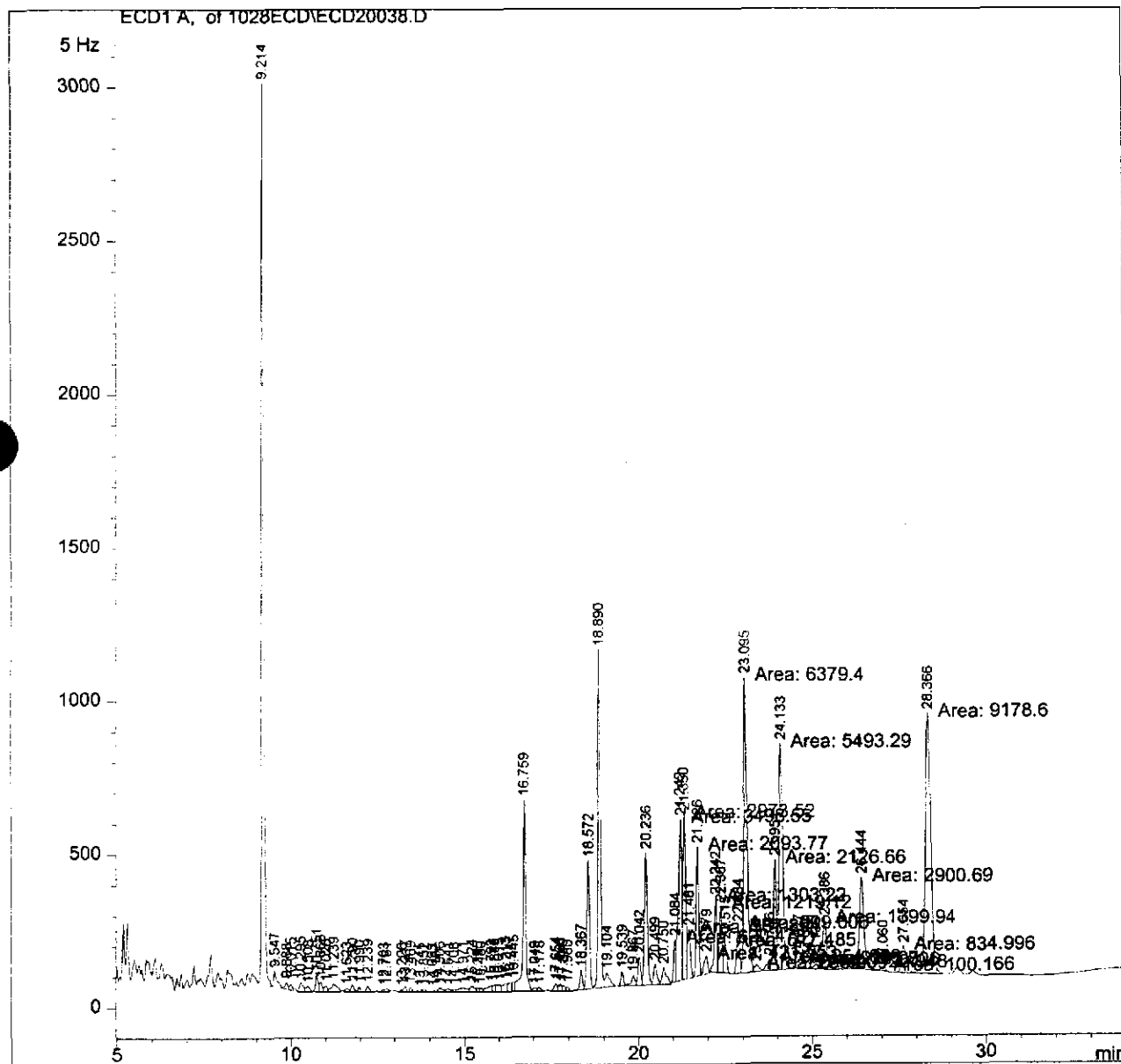
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                  (modified after loading)

```

```

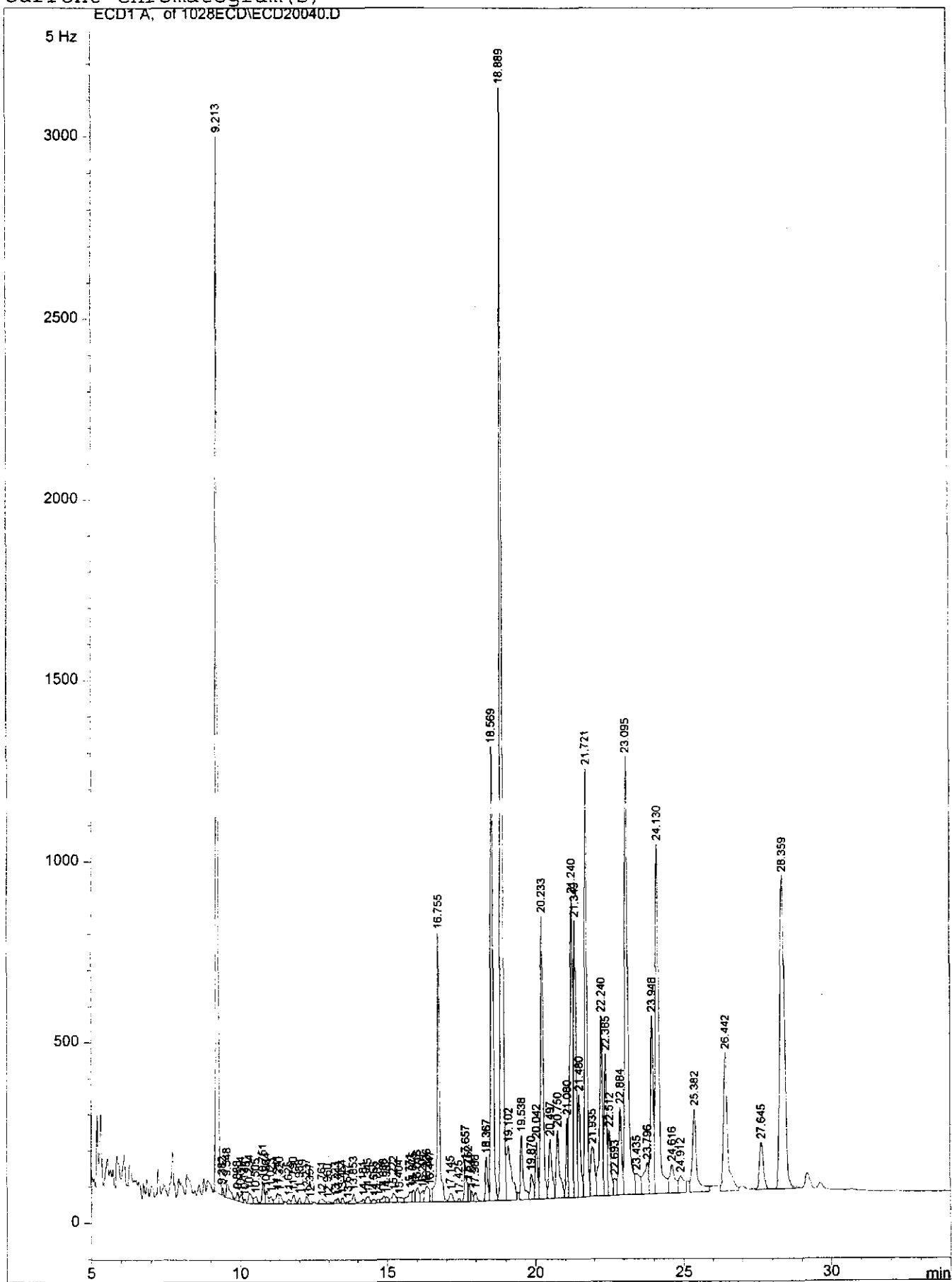
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====

```



Current Chromatogram(s)

ECD1A, of 1028ECD\ECD20040.D



```

=====
Injection Date   : 10/30/00 6:05:00 AM           Seq. Line :   40
Sample Name     : 205493-08                     Vial      :   40
Acq. Operator   : ROG                           Inj       :    1
                                                    Inj Volume:  2 µl
=====

```

```

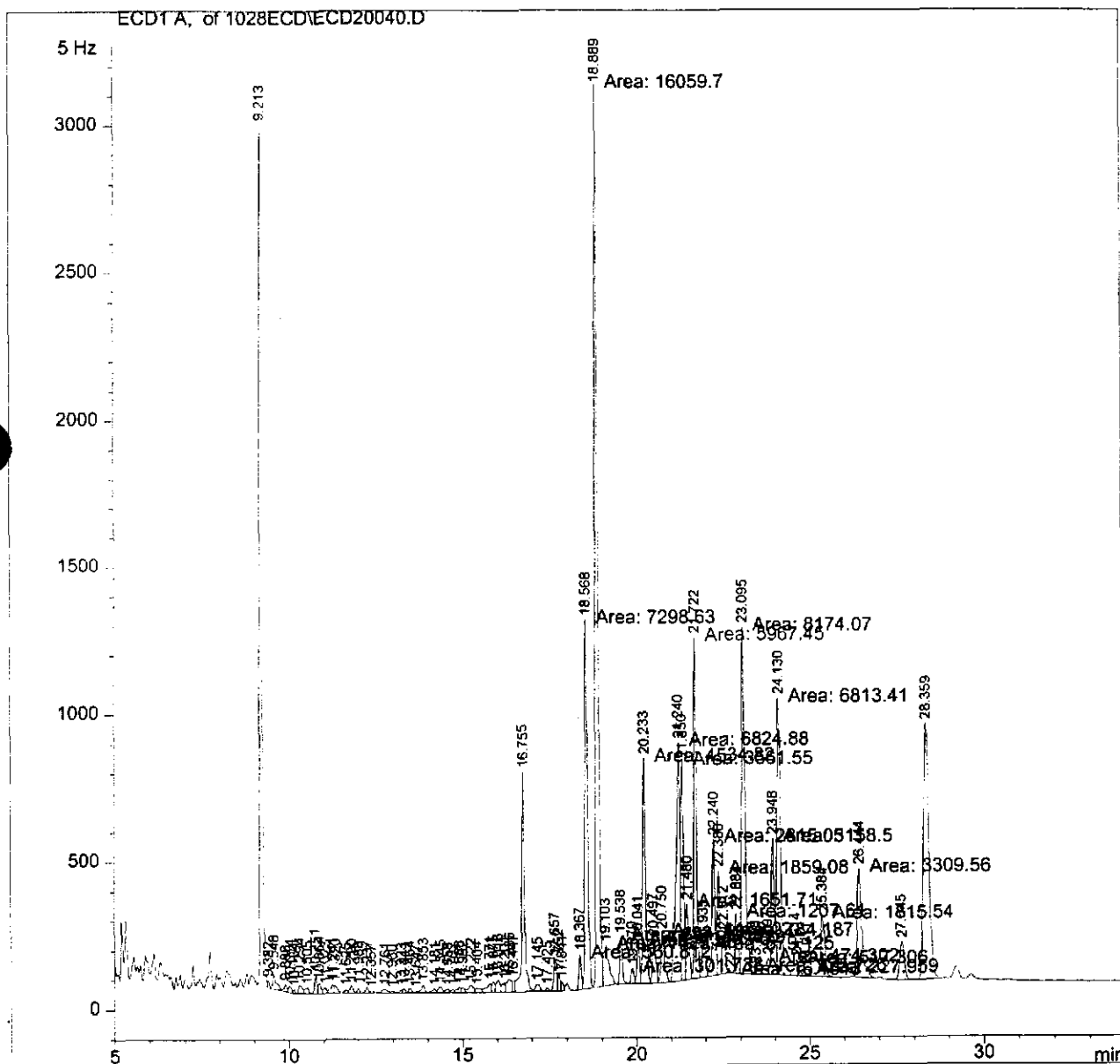
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                  (modified after loading)

```

```

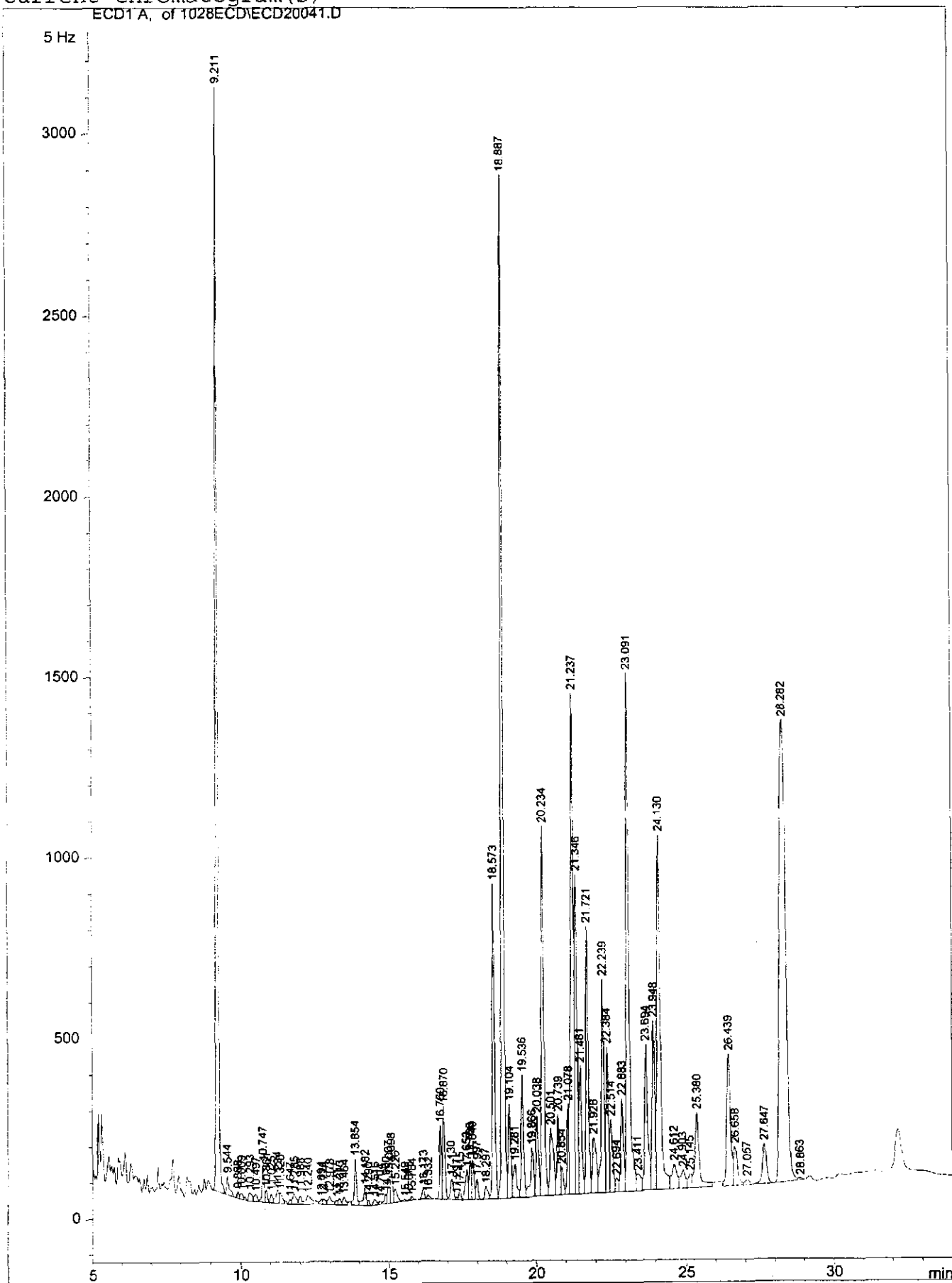
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====

```



Current Chromatogram(s)

ECD1 A, of 1028ECD\ECD20041.D

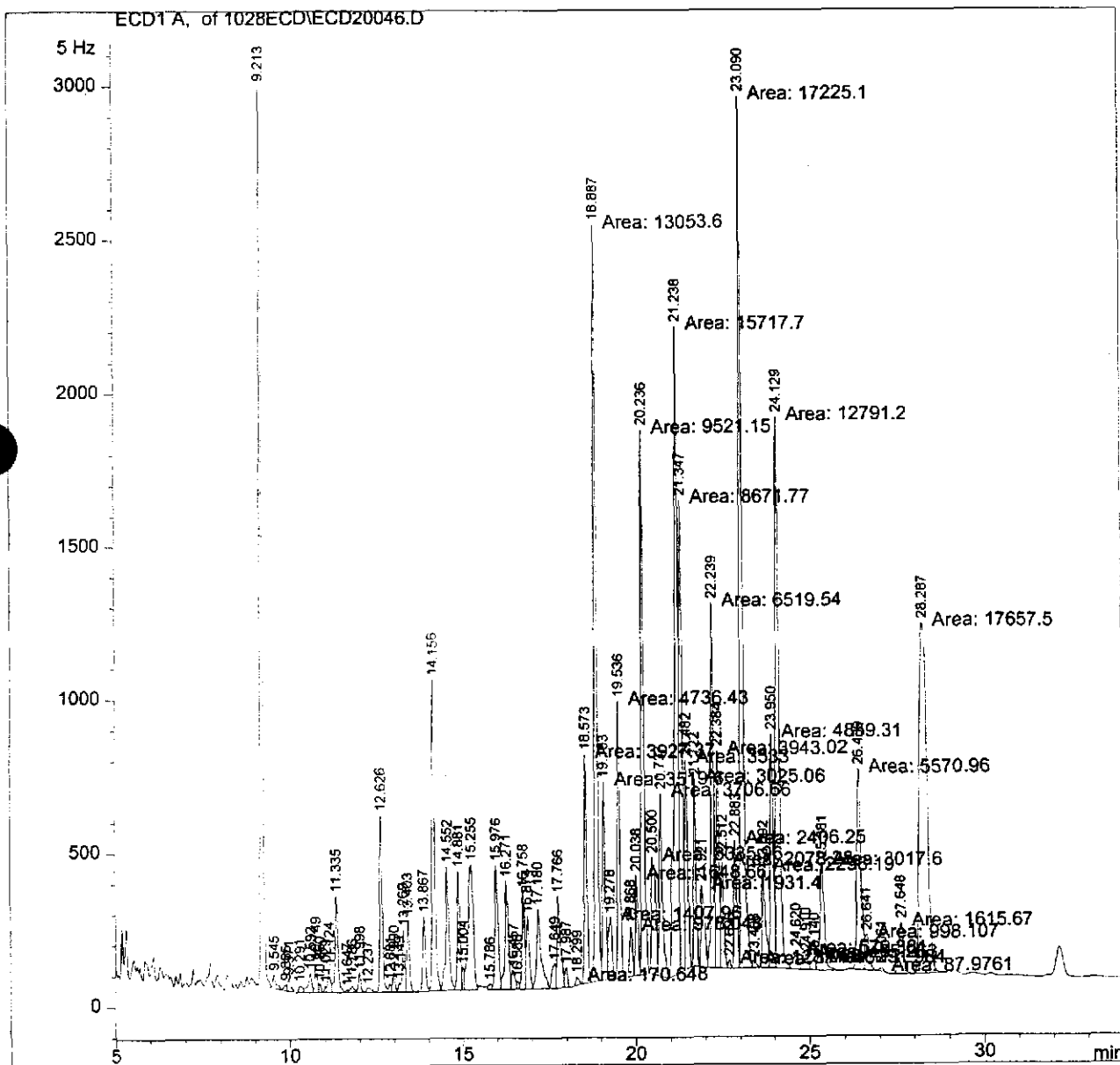


Injection Date : 10/30/00 9:46:30 AM Seq. Line : 46
 Sample Name : 205493-09MS Vial : 46
 Acq. Operator : ROG Inj : 1

Inj Volume : 2 µl

Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
 Last changed : 10/19/00 6:45:34 PM by ROG
 Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
 Last changed : 10/31/00 1:37:56 PM
 (modified after loading)

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
 INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
 EQUIVALENT AS OF THIS DATE)



```

=====
Injection Date   : 10/30/00 10:23:29 AM      Seq. Line   : 47
Sample Name     : 205493-09MSD              Vial        : 47
Acq. Operator   : ROG                       Inj         : 1
                                           Inj Volume  : 2 µl
=====

```

```

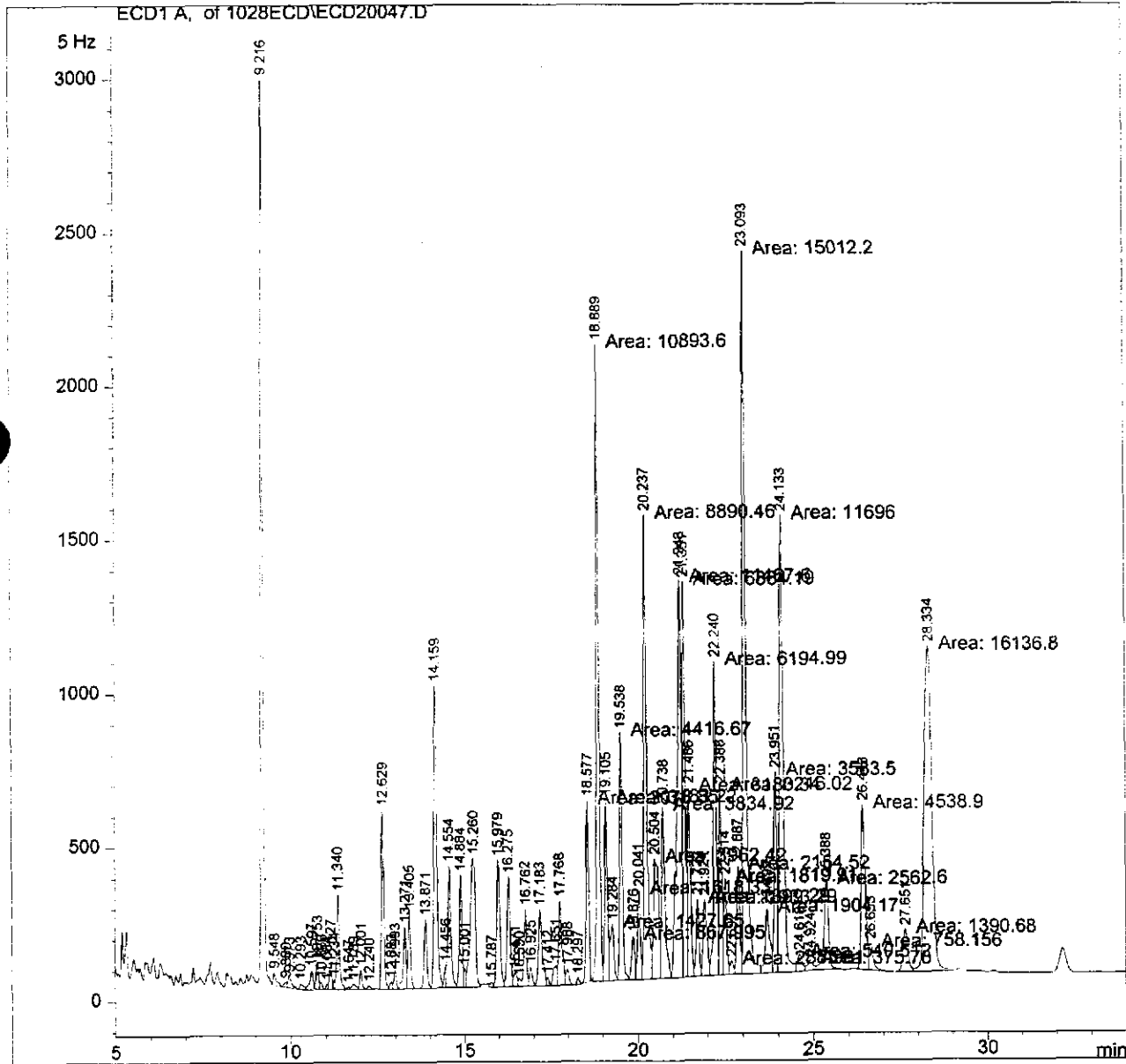
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                  (modified after loading)

```

```

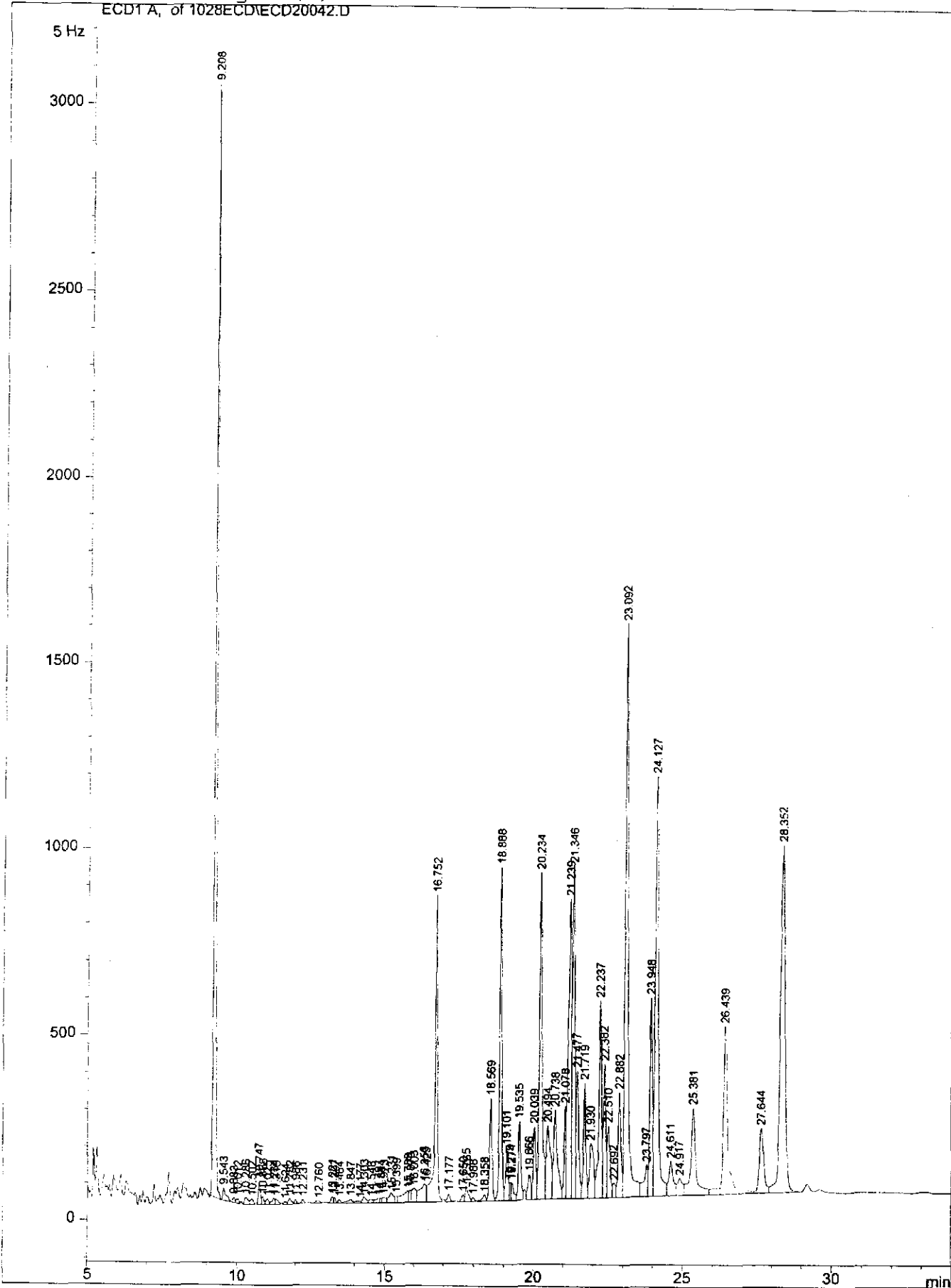
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====

```



Current Chromatogram(s)

ECD1A, of 1028ECD\ECD20042.D



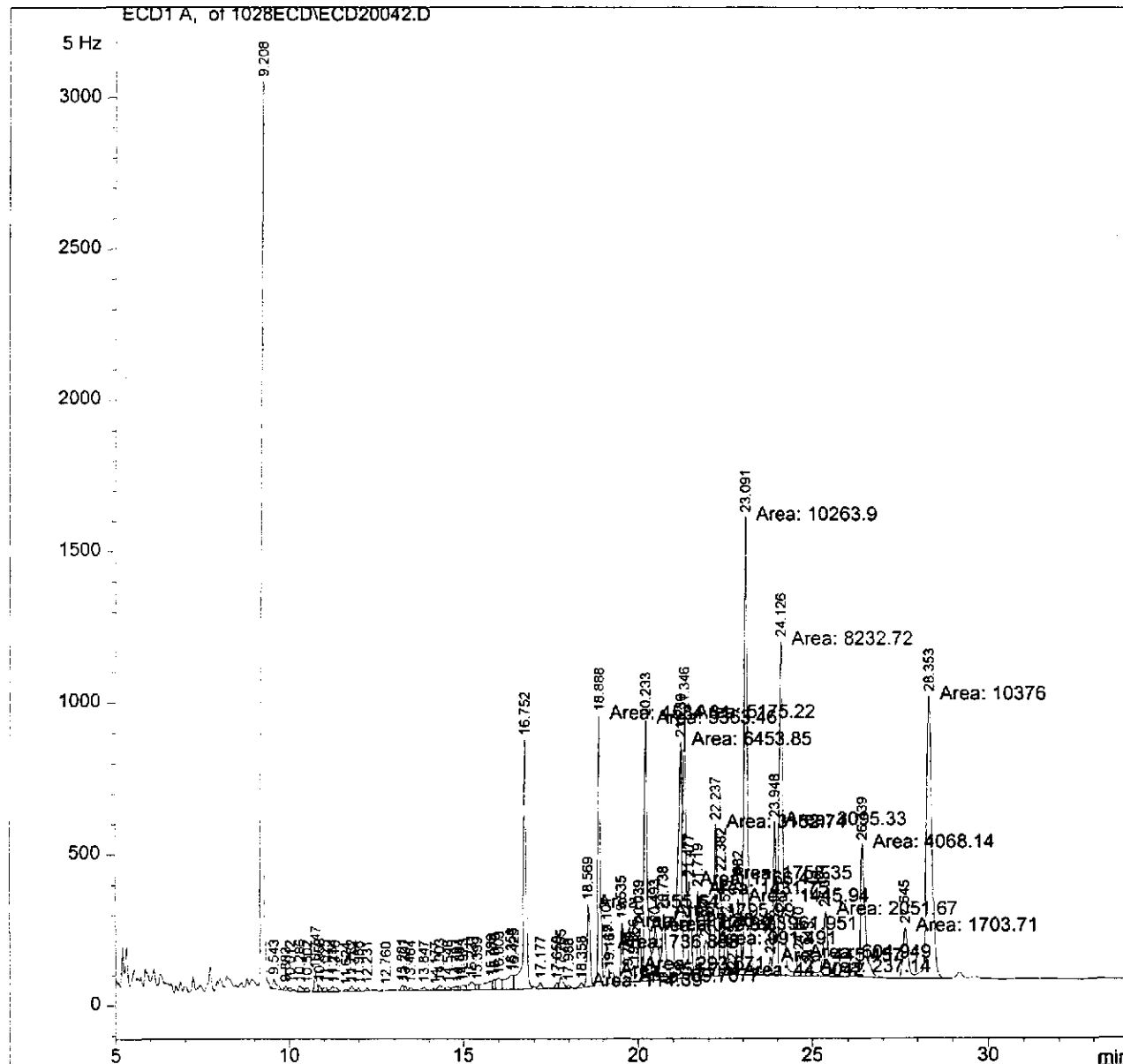
```

=====
Injection Date   : 10/30/00 7:18:50 AM           Seq. Line :   42
Sample Name     : 205493-10                     Vial      :   42
Acq. Operator   : ROG                           Inj       :    1
                                                    Inj Volume:  2 µl
    
```

```

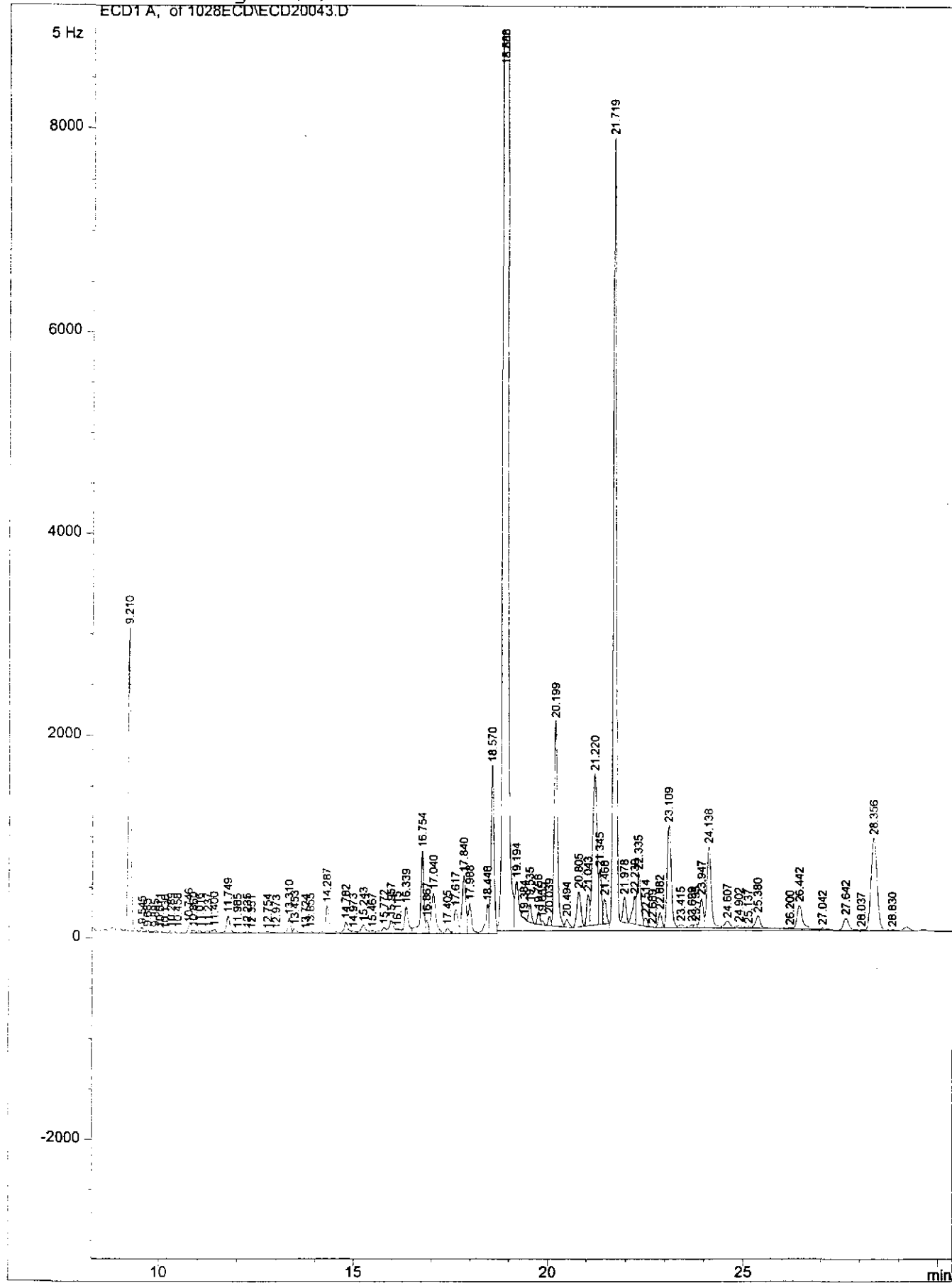
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                  (modified after loading)
    
```

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
 INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
 EQUIVALENT AS OF THIS DATE)



Current Chromatogram(s)

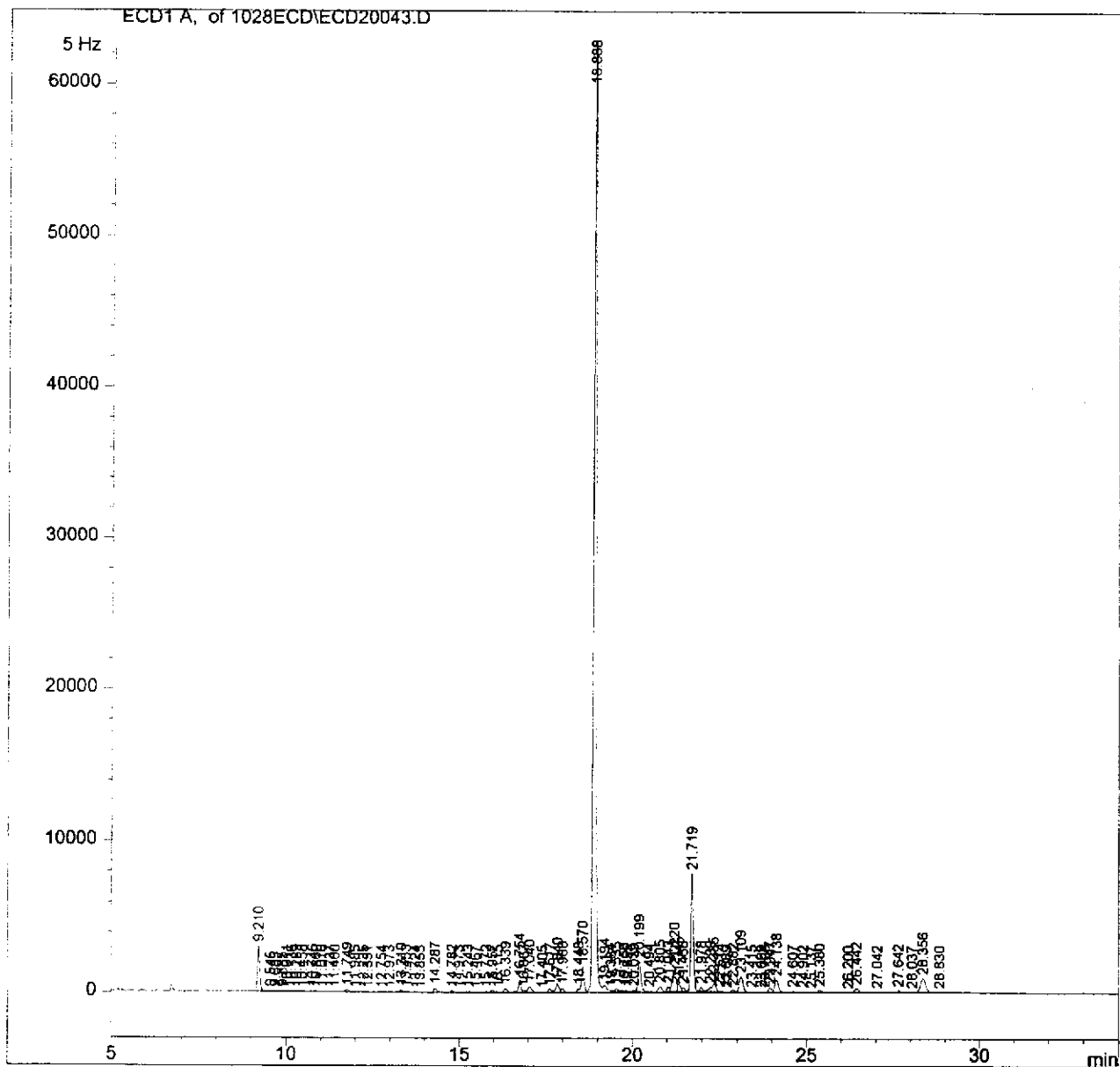
ECD1 A, of 1028ECD\ECD20043.D



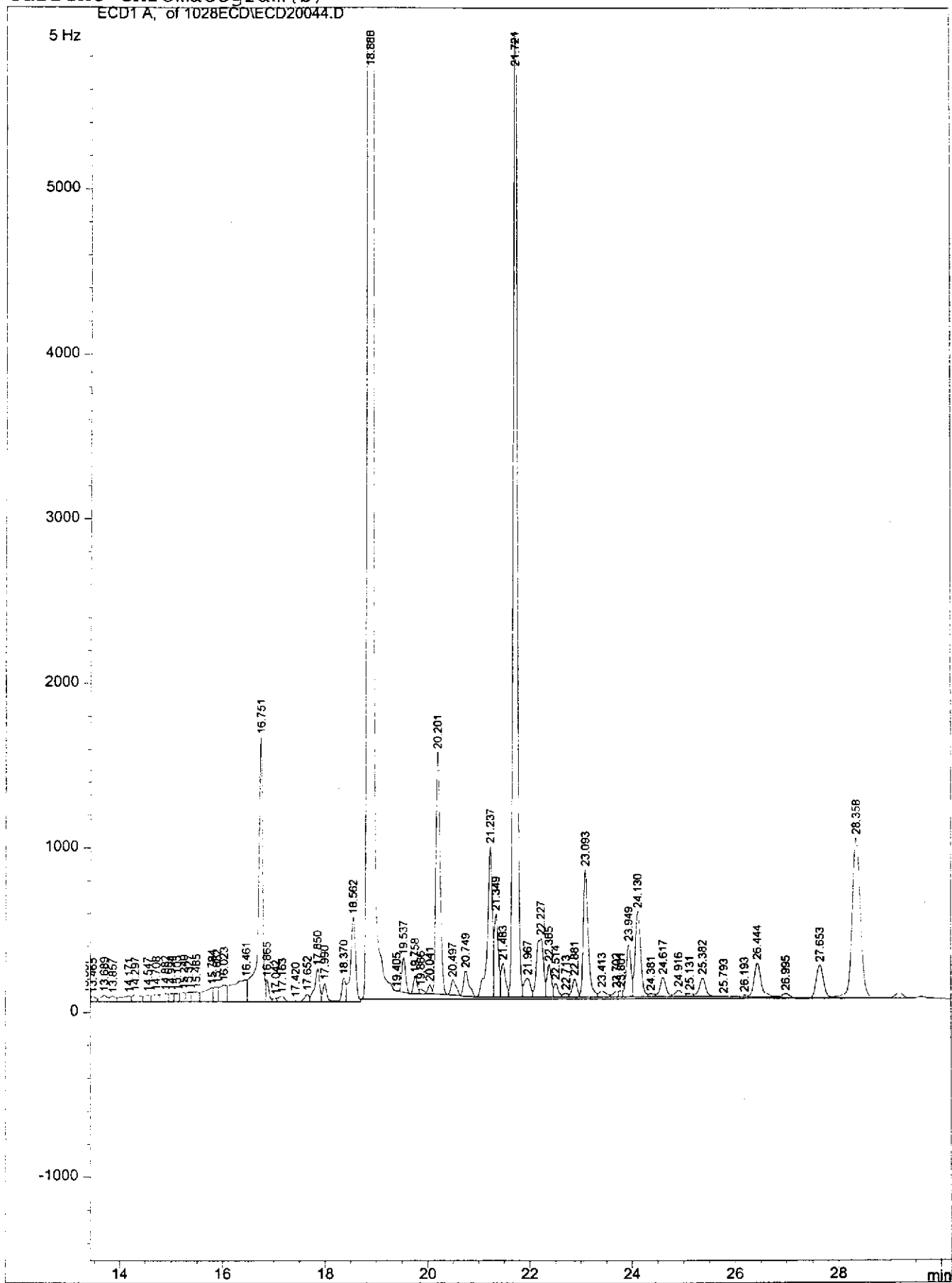
```
=====
Injection Date   : 10/30/00 7:55:44 AM          Seq. Line :   43
Sample Name      : 205493-11                    Vial      :   43
Acq. Operator    : ROG                          Inj       :    1
                                                    Inj Volume:  2 µl
=====
```

```
Acq. Method      : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed     : 10/19/00 6:45:34 PM by ROG
Analysis Method  : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed     : 10/28/00 10:24:55 AM
                  (modified after loading)
```

```
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
```



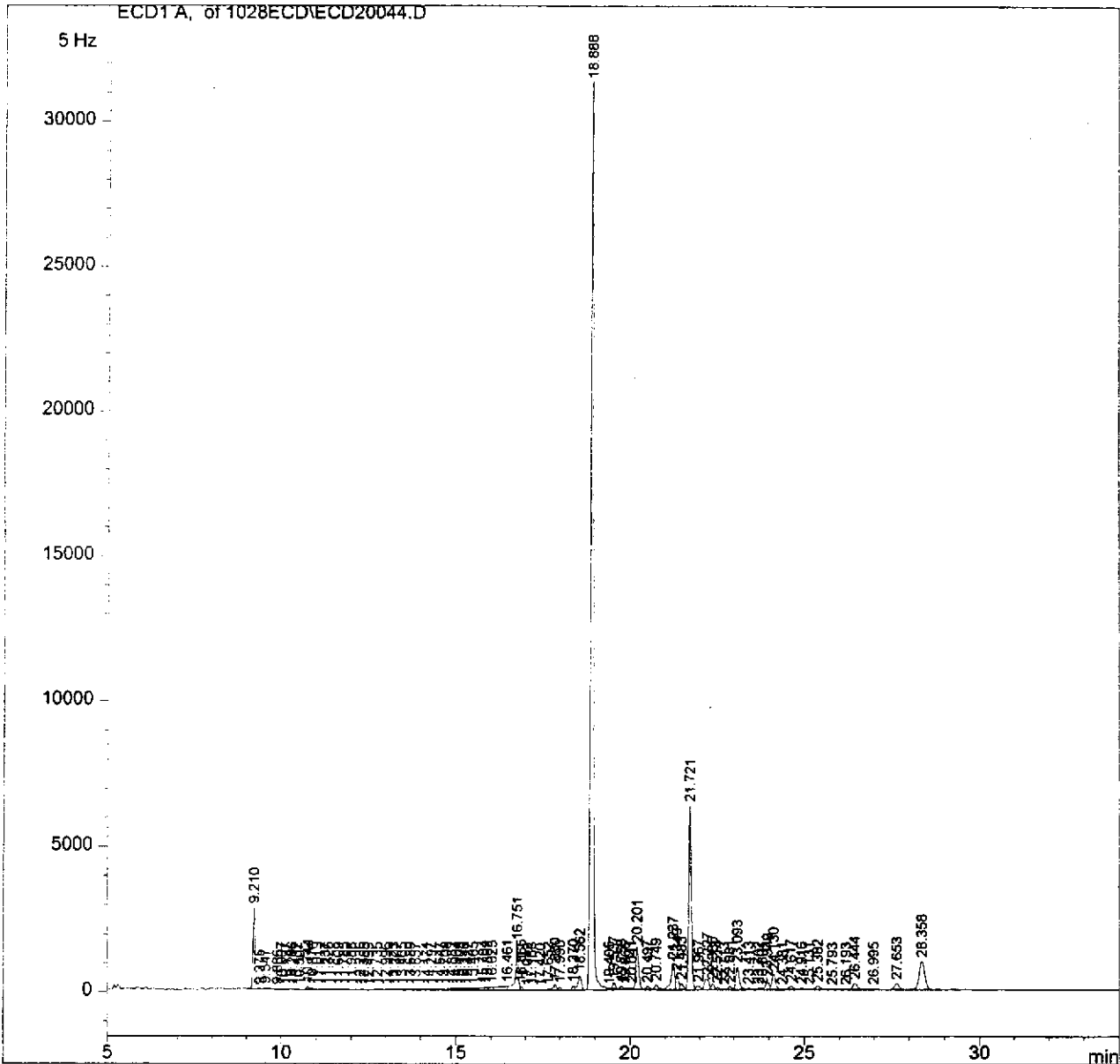
Current Chromatogram(s)



=====
Injection Date : 10/30/00 8:32:38 AM Seq. Line : 44
Sample Name : 205493-12 Vial : 44
Acq. Operator : ROG Inj : 1
 Inj Volume : 2 µl
=====

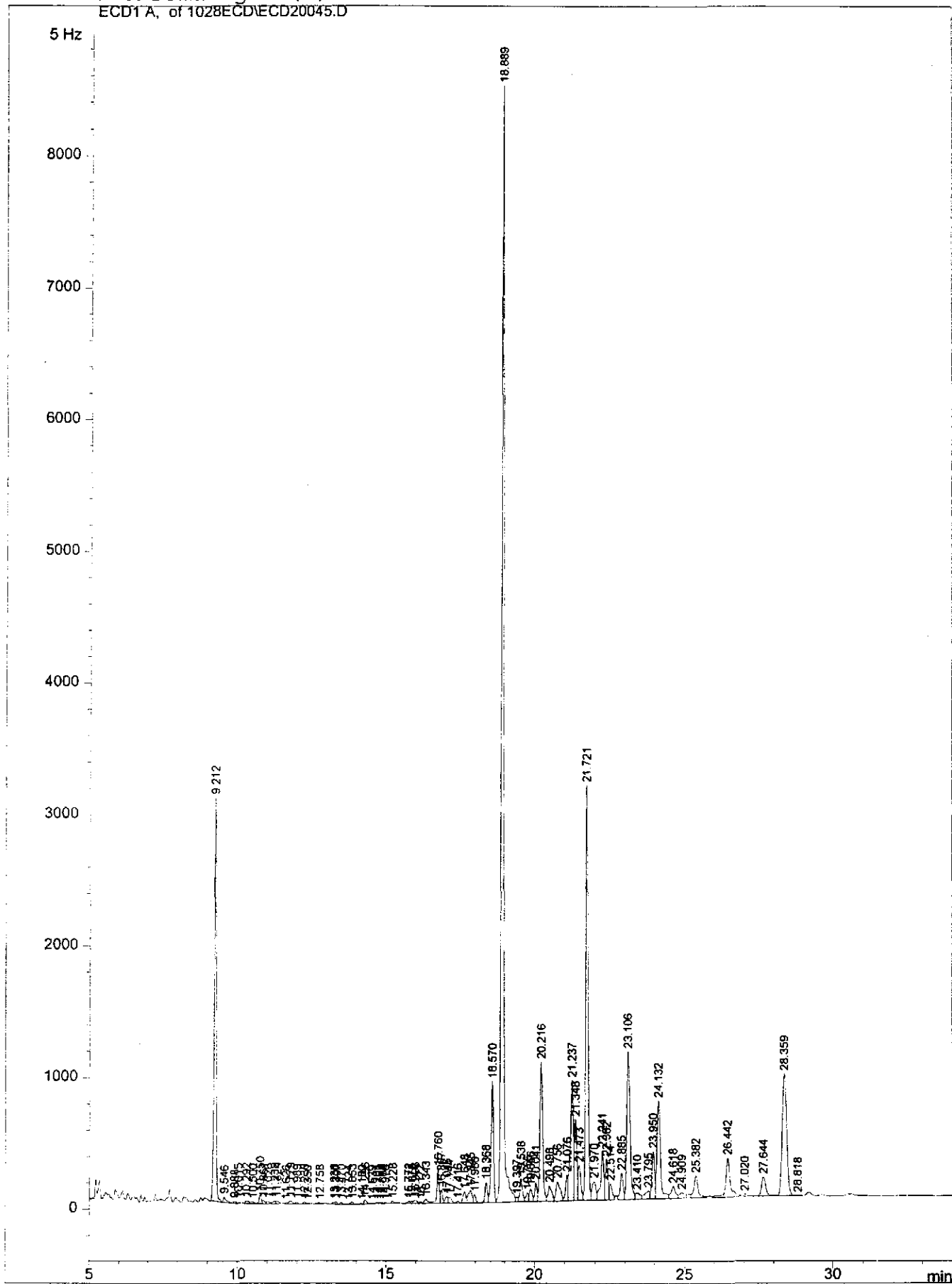
Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed : 10/28/00 10:24:55 AM
(modified after loading)

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)



Current Chromatogram(s)

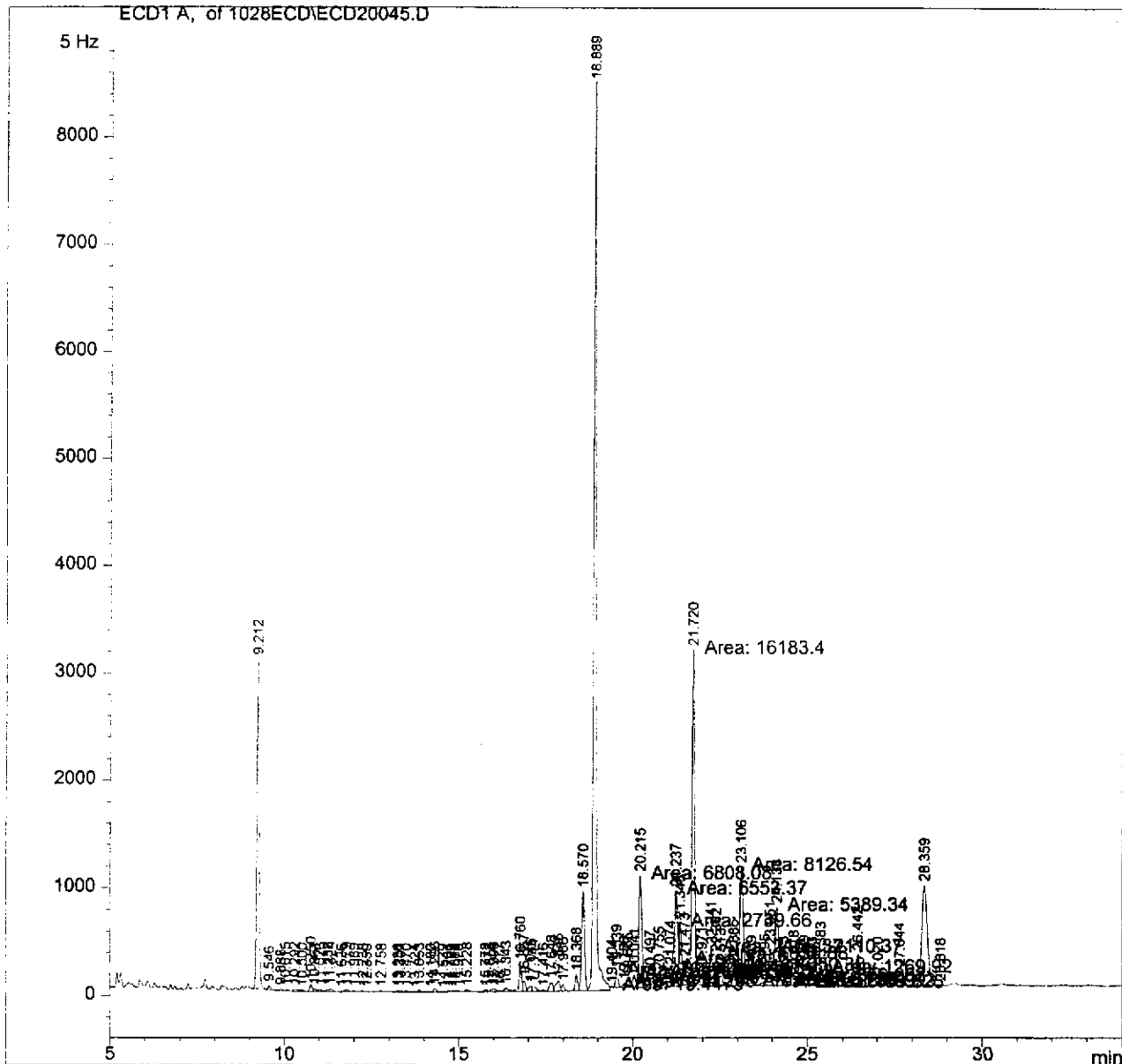
ECD1A, of 1028ECD\ECD20045.D



```
=====
Injection Date   : 10/30/00 9:09:32 AM           Seq. Line :   45
Sample Name     : 205493-13                     Vial      :   45
Acq. Operator   : ROG                           Inj       :    1
                                                    Inj Volume: 2 µl
=====
```

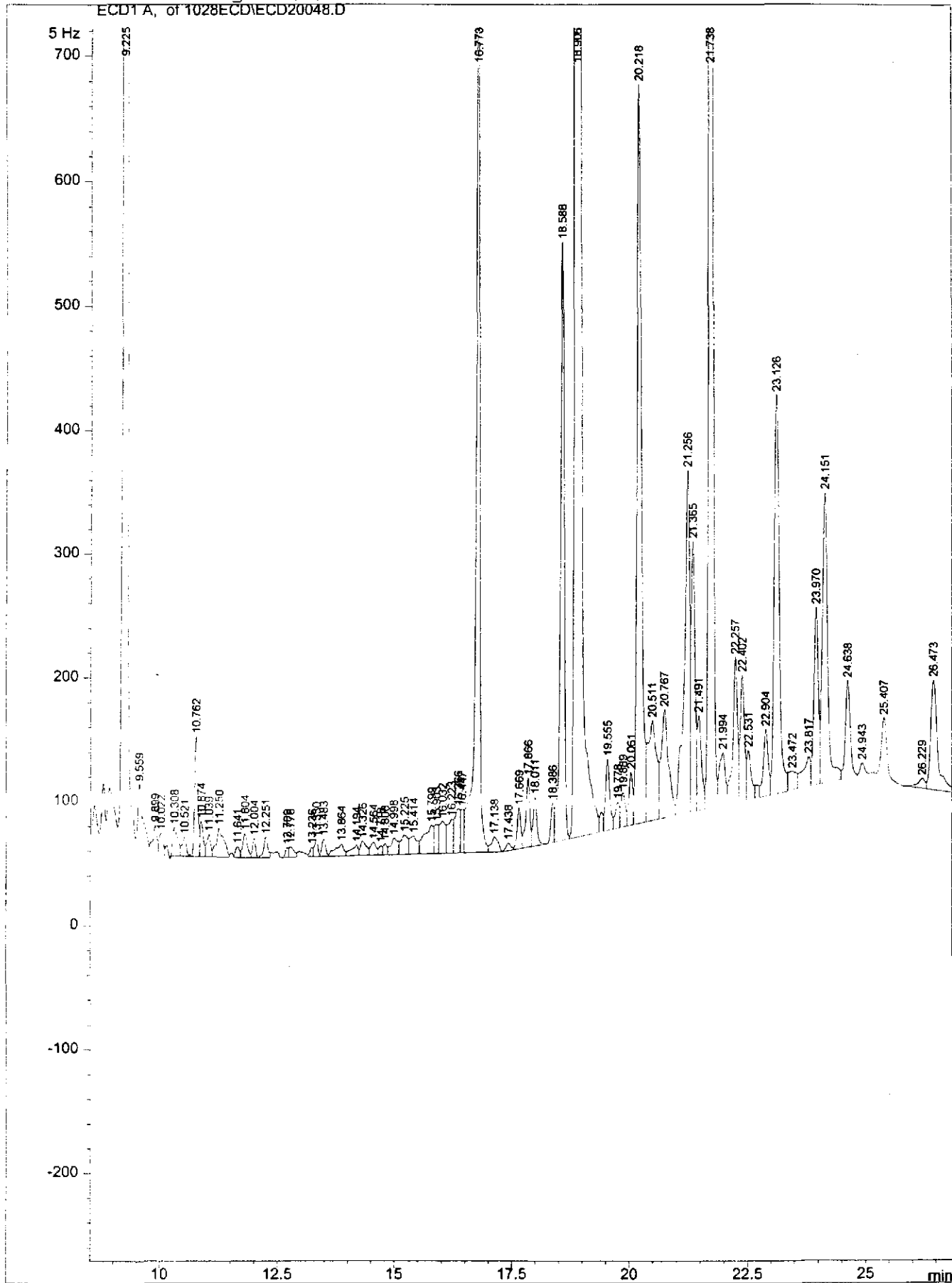
```
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                  (modified after loading)
```

```
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
```



Current Chromatogram(s)

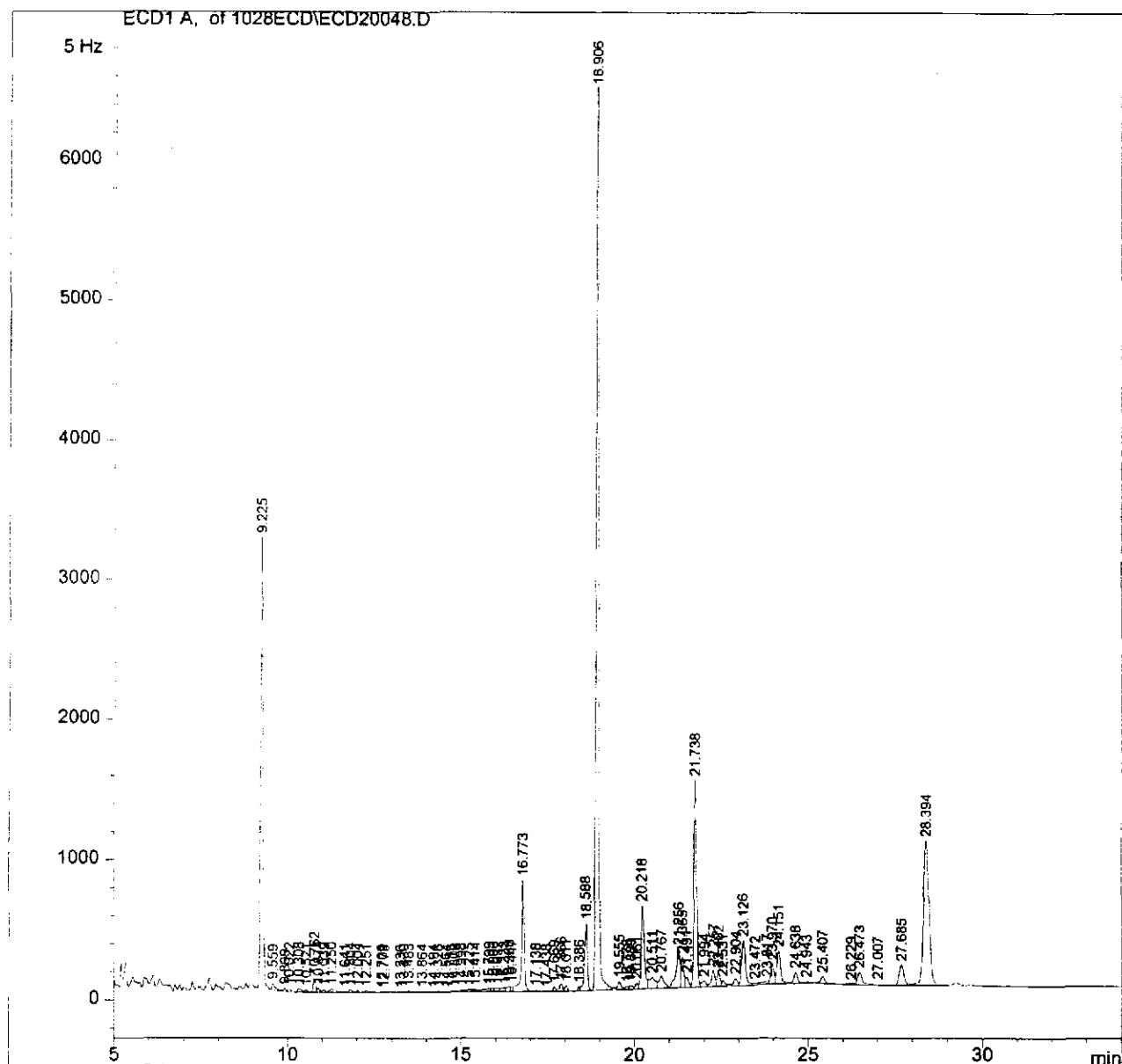
ECD1A, of 1028ECD\IEDCD20048.D



```
=====
Injection Date   : 10/30/00 11:00:25 AM      Seq. Line :   48
Sample Name      : 205493-14                 Vial       :   48
Acq. Operator    : ROG                       Inj        :    1
                                           Inj Volume : 2 µl
=====
```

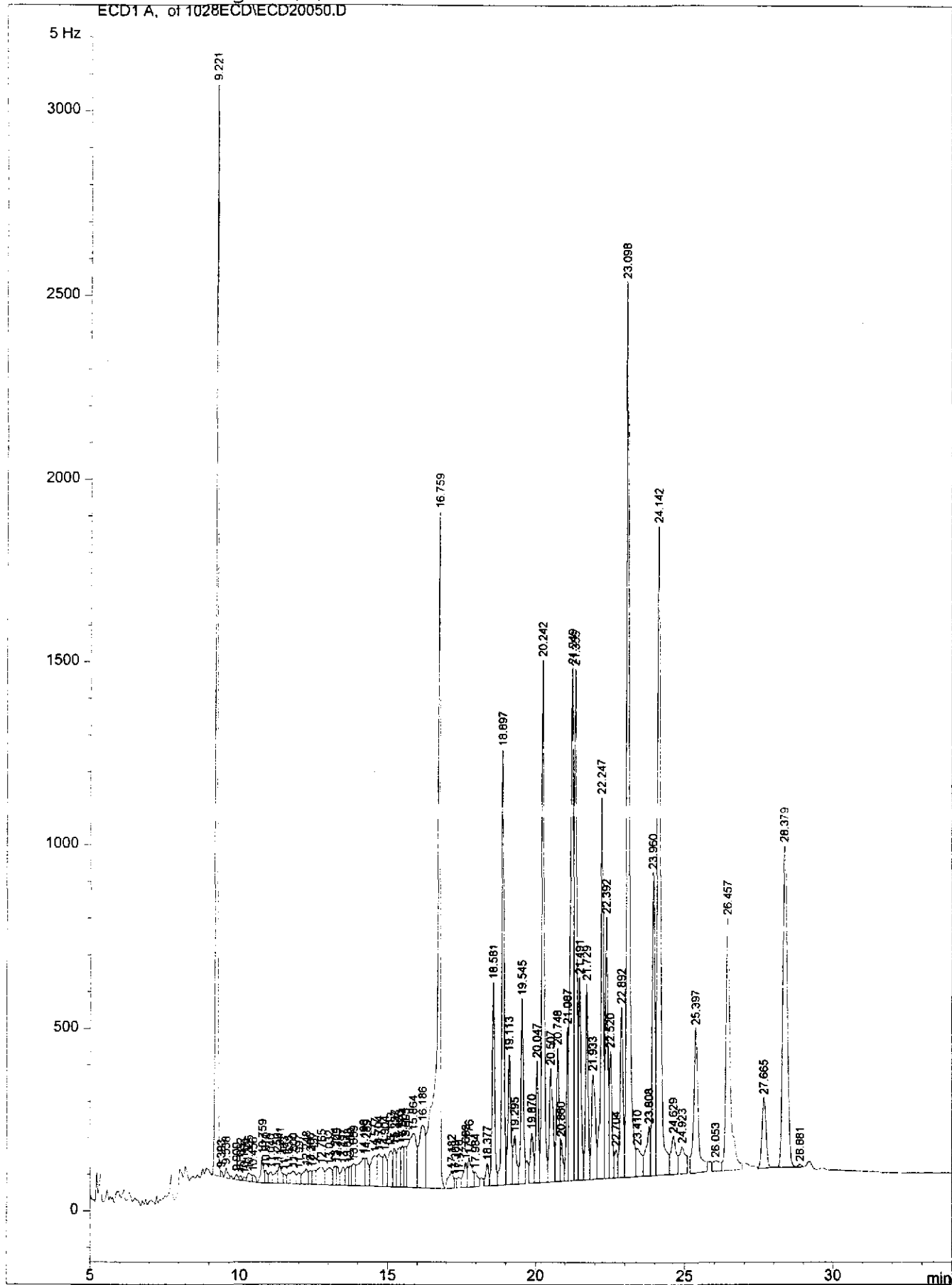
```
Acq. Method      : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed     : 10/19/00 6:45:34 PM by ROG
Analysis Method  : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed     : 10/28/00 10:24:55 AM
                  (modified after loading)
```

```
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
```



Current Chromatogram(s)

ECD1 A, of 1028ECD\ECD20050.D



```

=====
Injection Date   : 10/30/00 12:31:10 PM           Seq. Line :   50
Sample Name     : 205493-15                       Vial      :   50
Acq. Operator   : ROG                             Inj       :    1
                                                    Inj Volume:  2 µl
=====

```

```

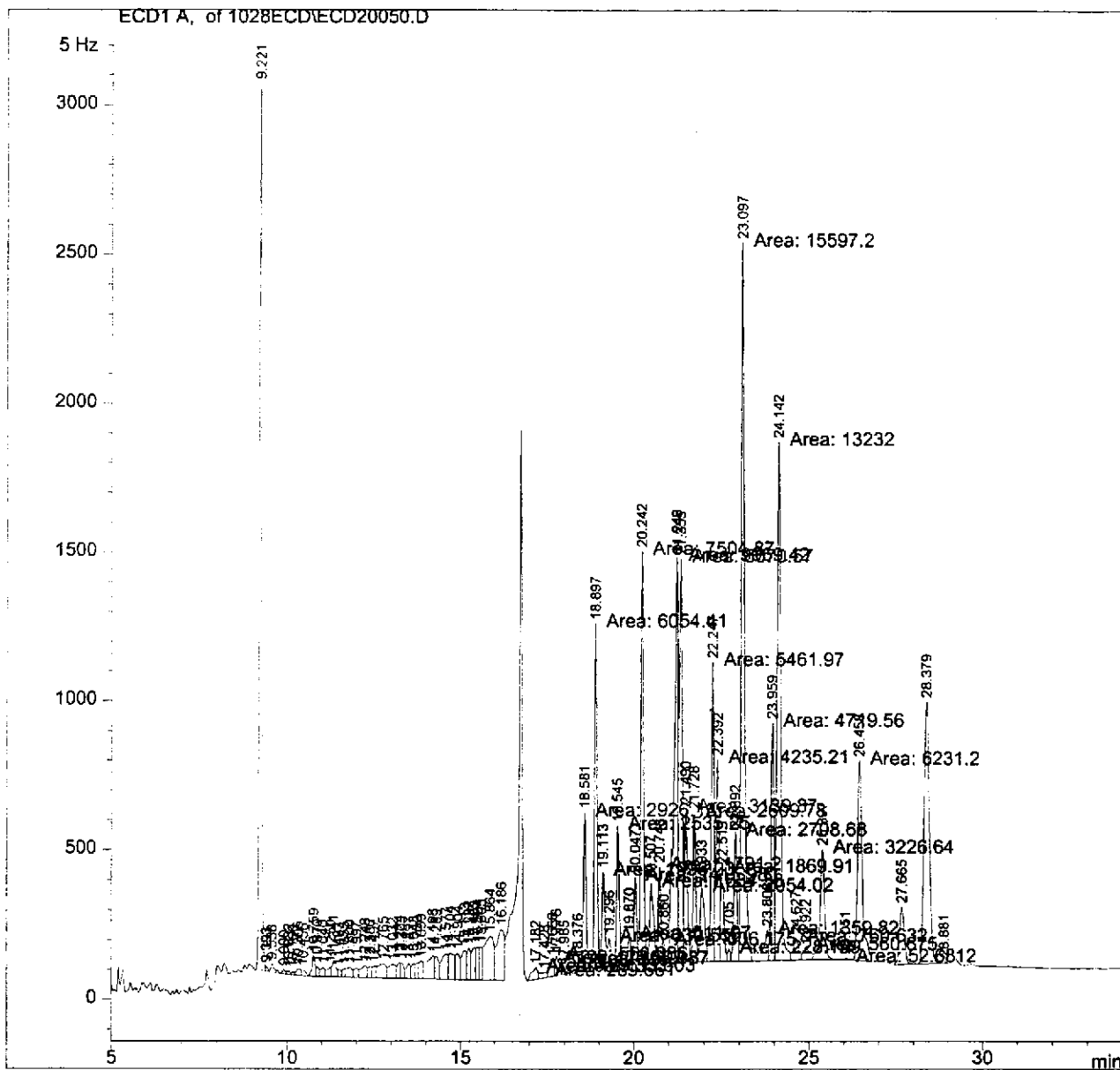
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                  (modified after loading)

```

```

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====

```




```

=====
Injection Date   : 10/31/00 12:15:19 AM           Seq. Line   : 67
Sample Name     : 205493-16 *5*                  Vial        : 67
Acq. Operator   : ROG                             Inj         : 1
                                                    Inj Volume  : 2 µl
=====

```

```

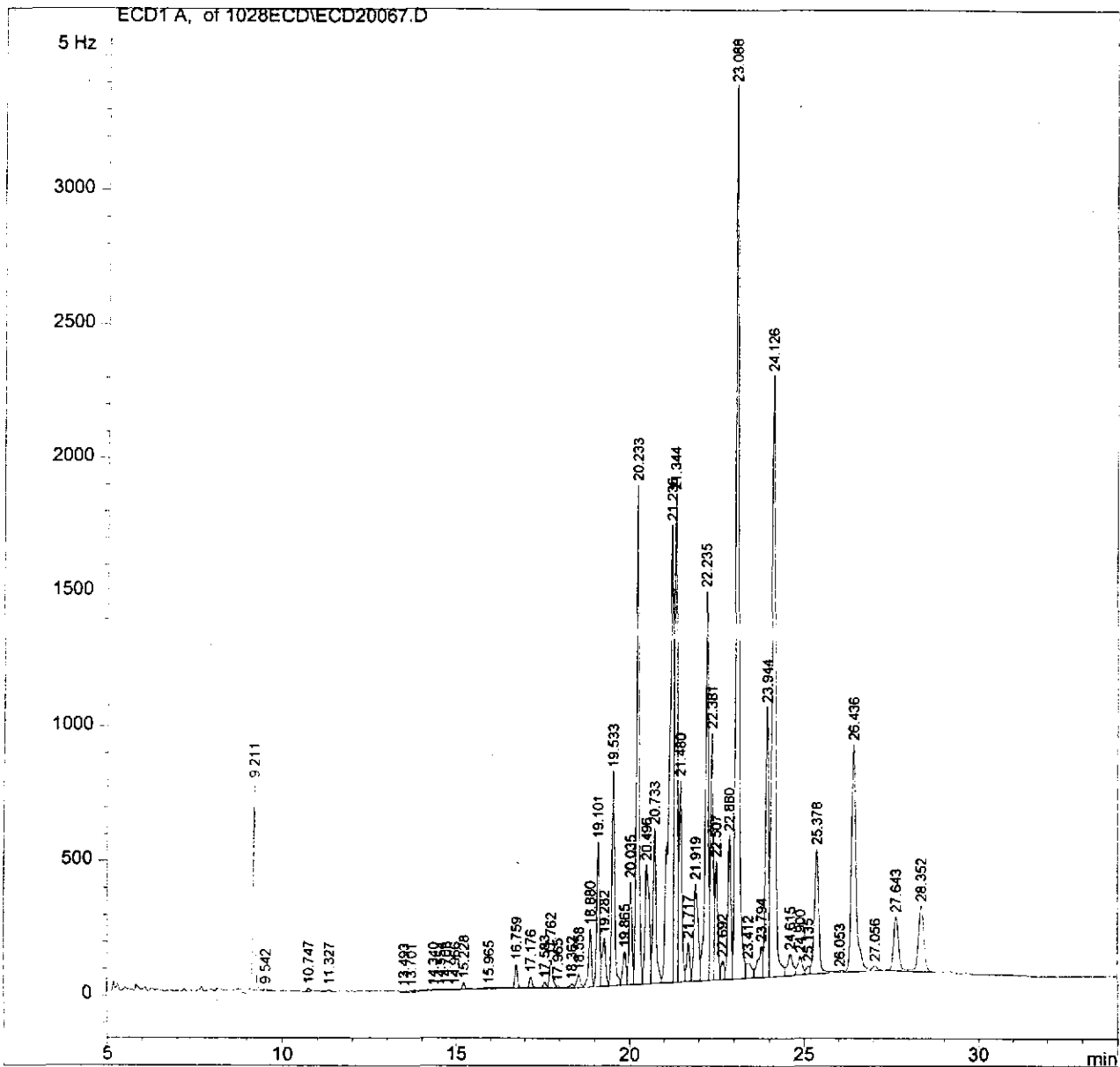
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                  (modified after loading)

```

```

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====

```



```

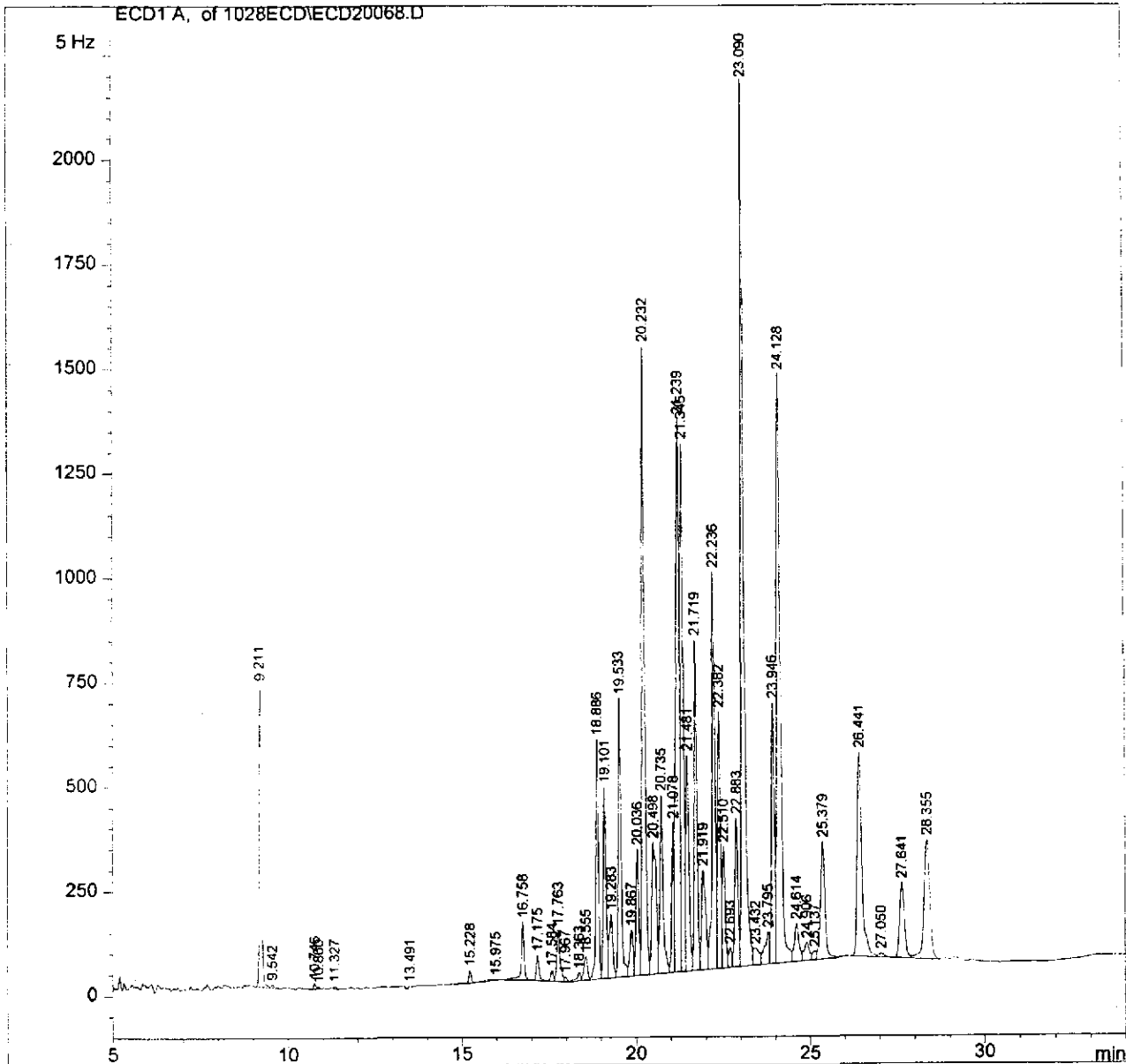
=====
Injection Date   : 10/31/00 12:52:15 AM           Seq. Line :   68
Sample Name     : 205493-17 *5*                 Vial      :   68
Acq. Operator   : ROG                          Inj       :    1
                                                Inj Volume:  2 µl
    
```

```

Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                  (modified after loading)
    
```

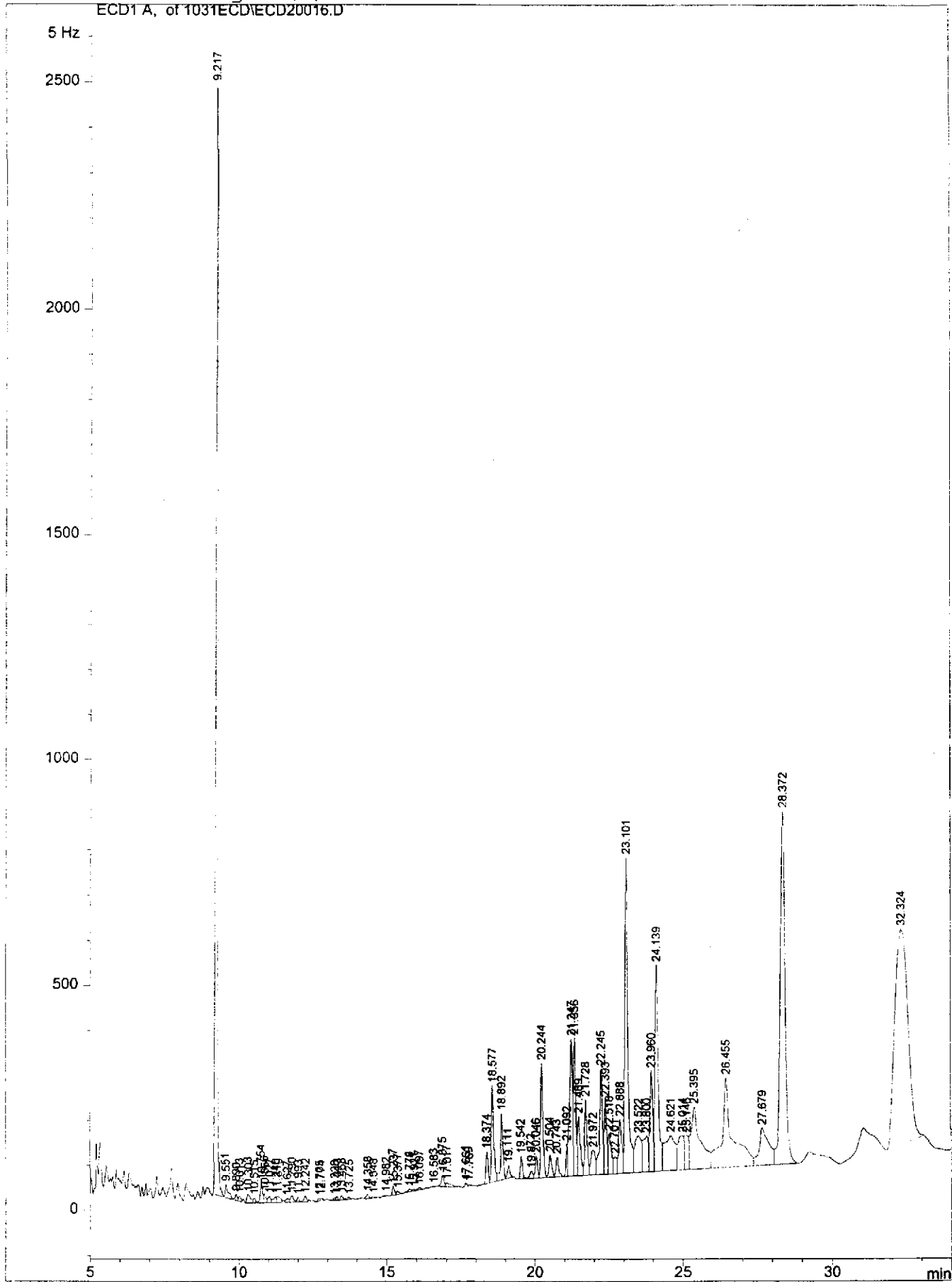
```

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====
    
```



Current Chromatogram(s)

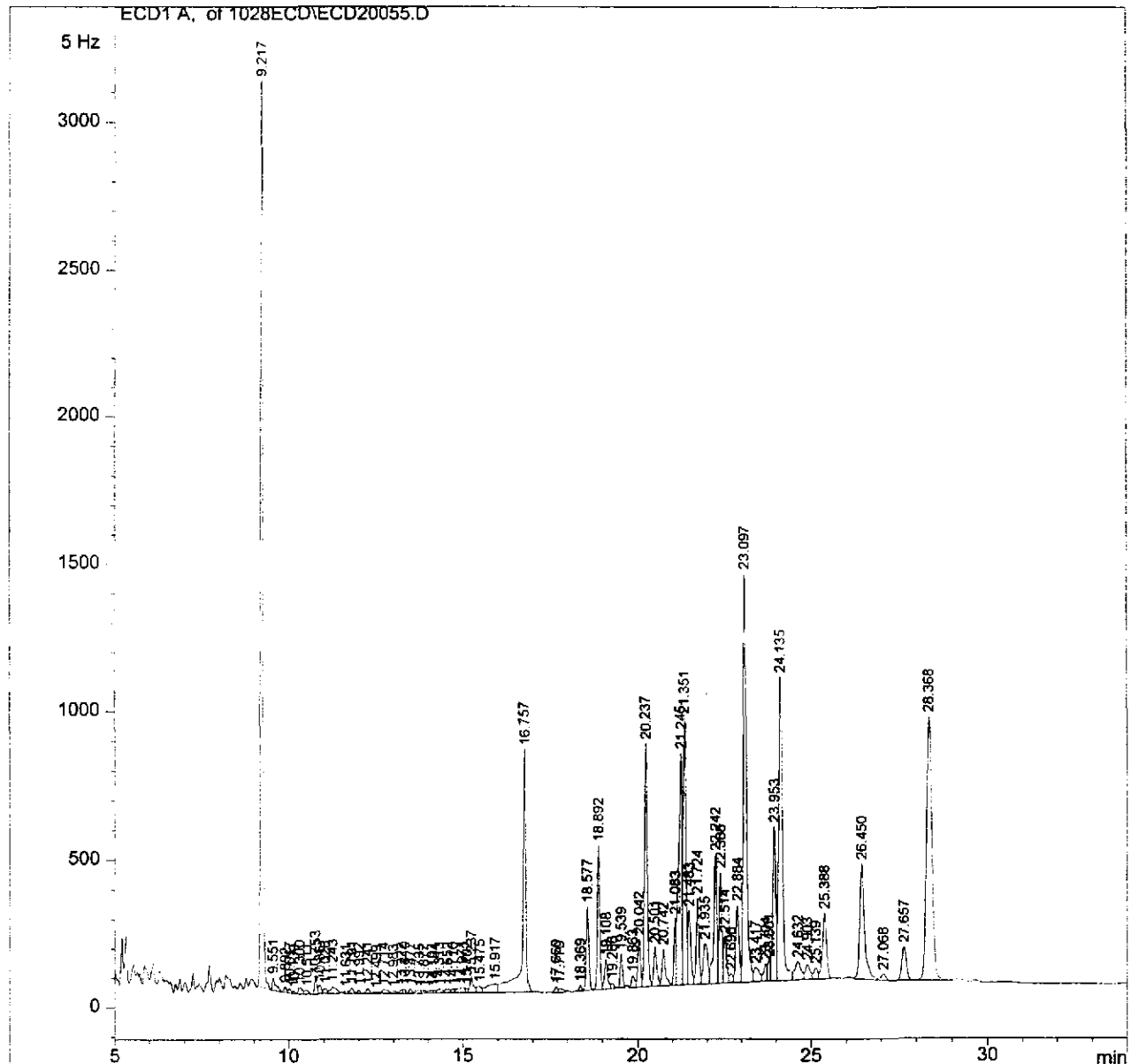
ECD1 A, of 1031ECD\ECD20016.D



=====
Injection Date : 10/30/00 3:35:21 PM Seq. Line : 55
Sample Name : 205493-19 Vial : 55
Acq. Operator : ROG Inj : 1
 Inj Volume : 2 μ l

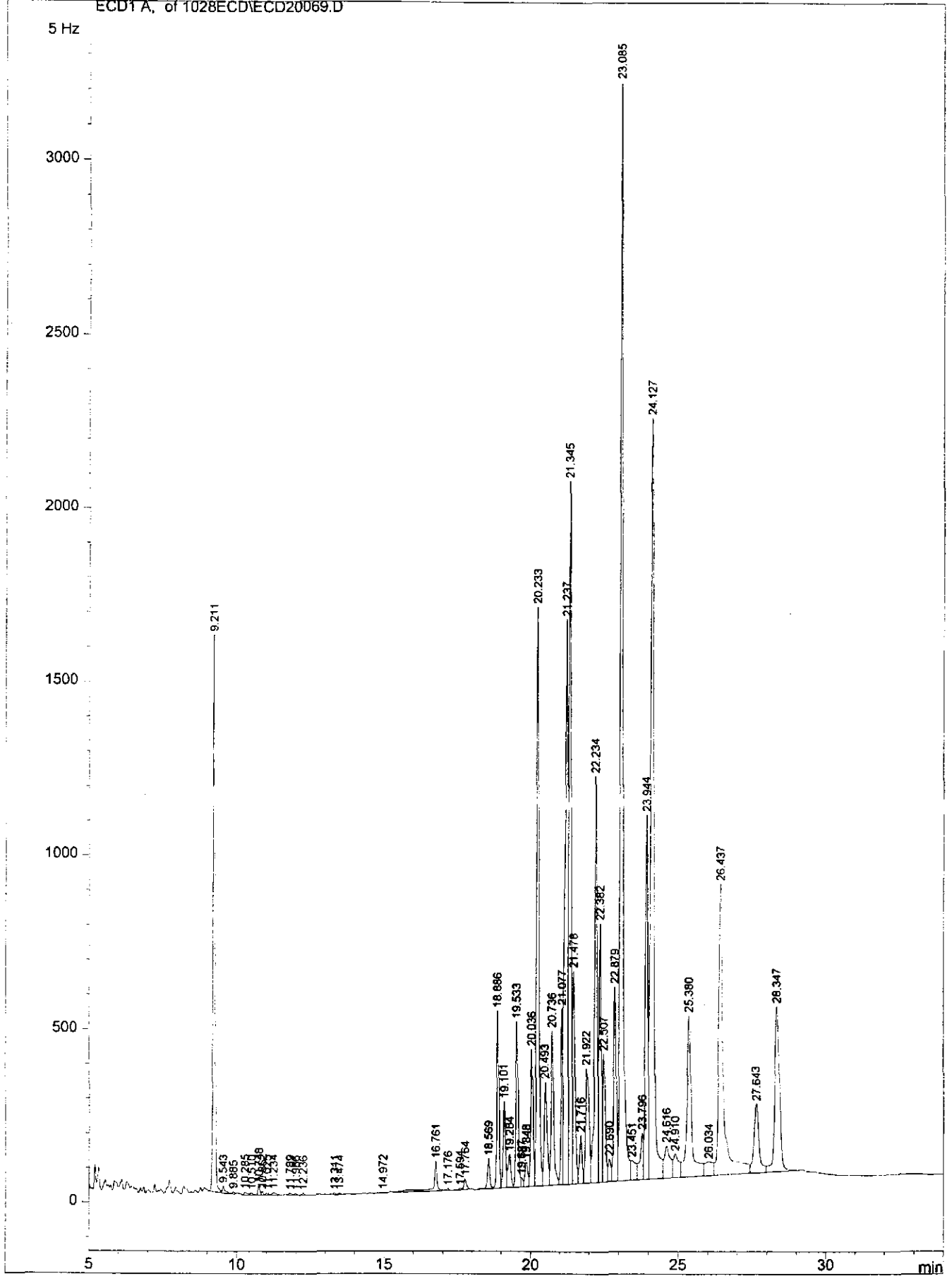
Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed : 10/19/00 6:45:34 PM by ROG
Analysis Method: C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed : 10/28/00 10:24:55 AM
 (modified after loading)

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 μ l
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)



Current Chromatogram(s)

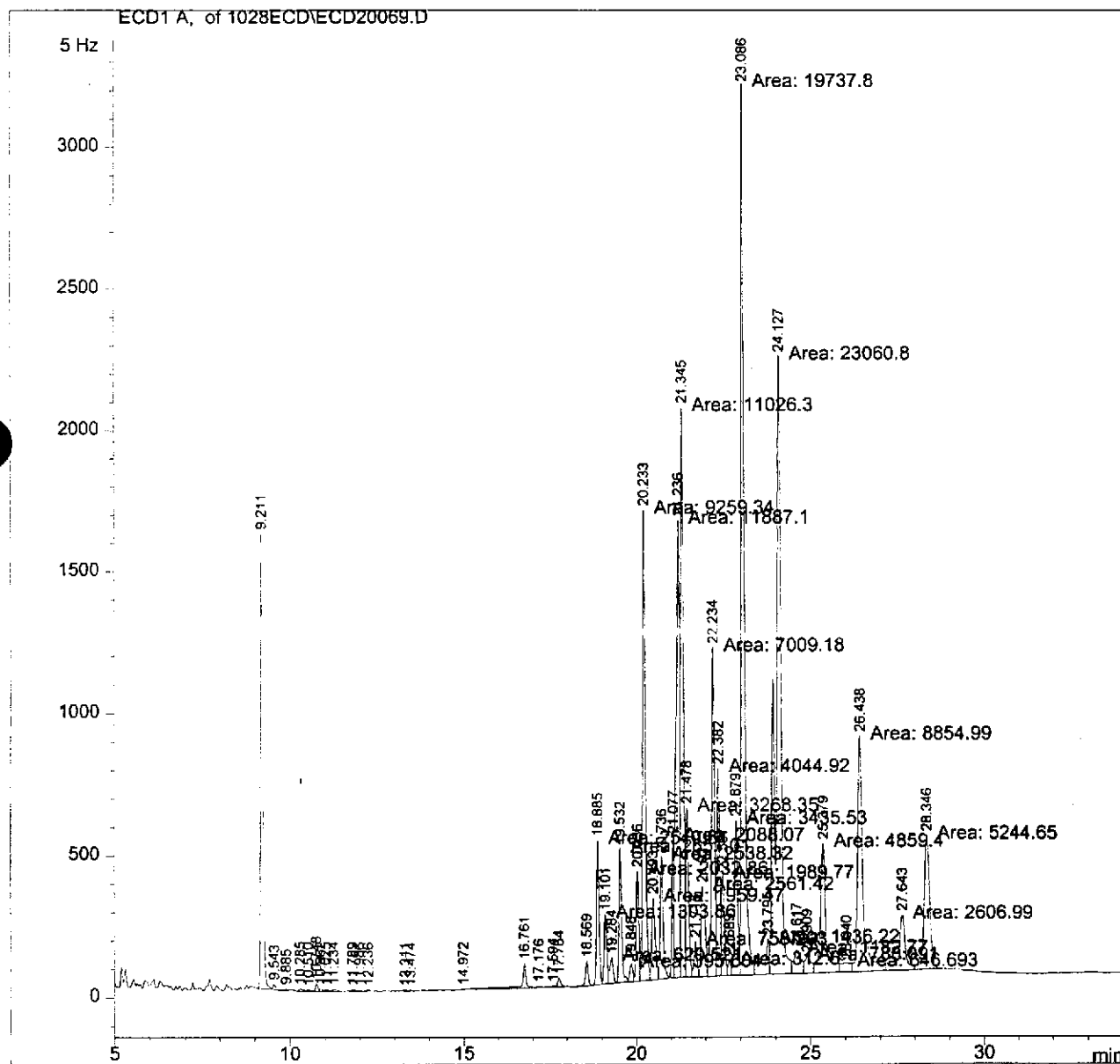
ECD1A, of 1028ECD\ECD20069.D



=====
 Injection Date : 10/31/00 1:29:10 AM Seq. Line : 69
 Sample Name : 205493-20 *2* Vial : 69
 Acq. Operator : ROG Inj : 1
 Inj Volume : 2 µl

Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
 Last changed : 10/19/00 6:45:34 PM by ROG
 Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
 Last changed : 10/31/00 1:37:56 PM
 (modified after loading)

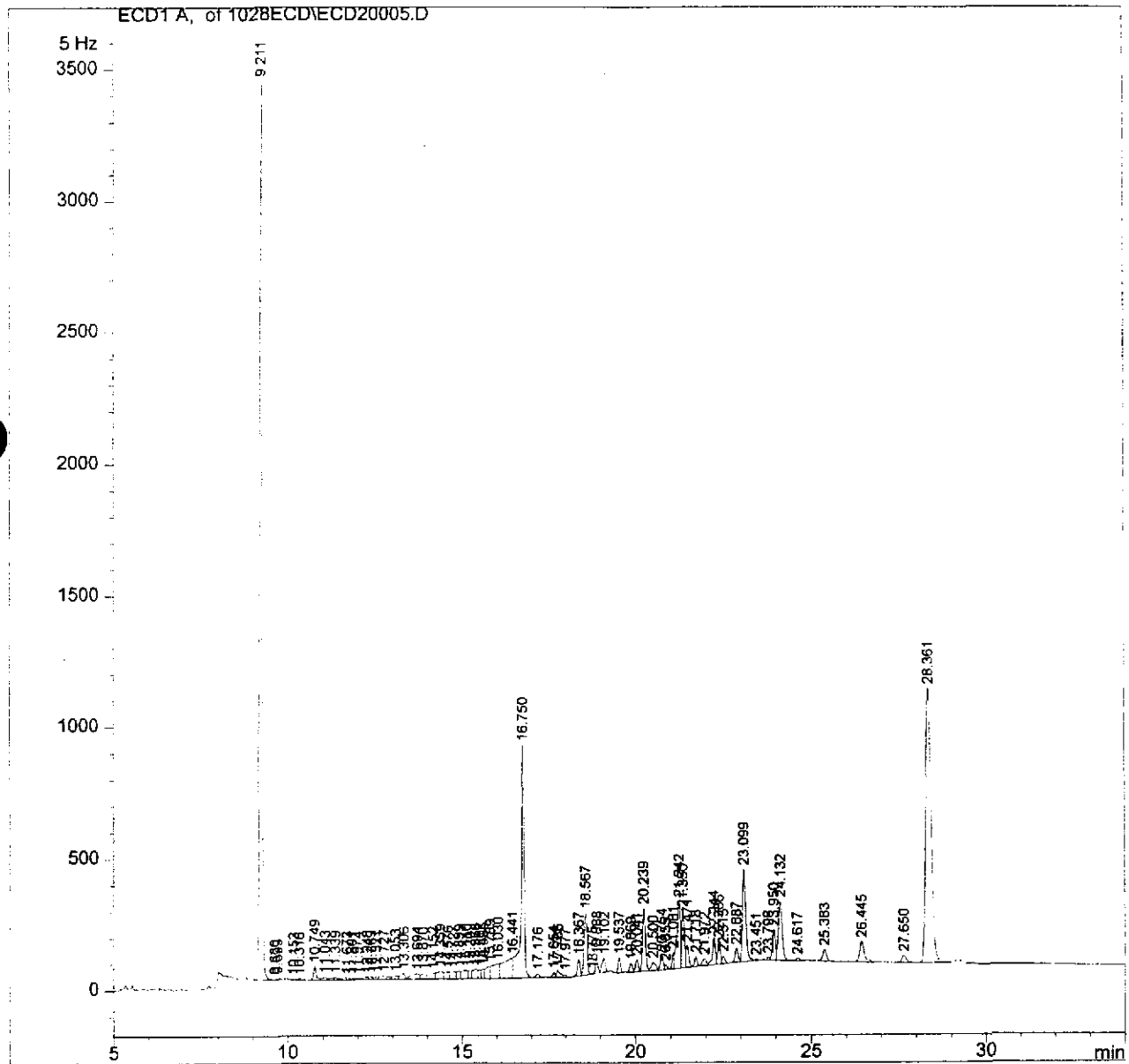
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
 INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
 EQUIVALENT AS OF THIS DATE)



```
=====
Injection Date   : 10/28/00 1:49:33 PM           Seq. Line   :    5
Sample Name     : 205493-21                     Vial        :    5
Acq. Operator  : ROG                           Inj         :    1
                                                    Inj Volume  : 2 µl
=====
```

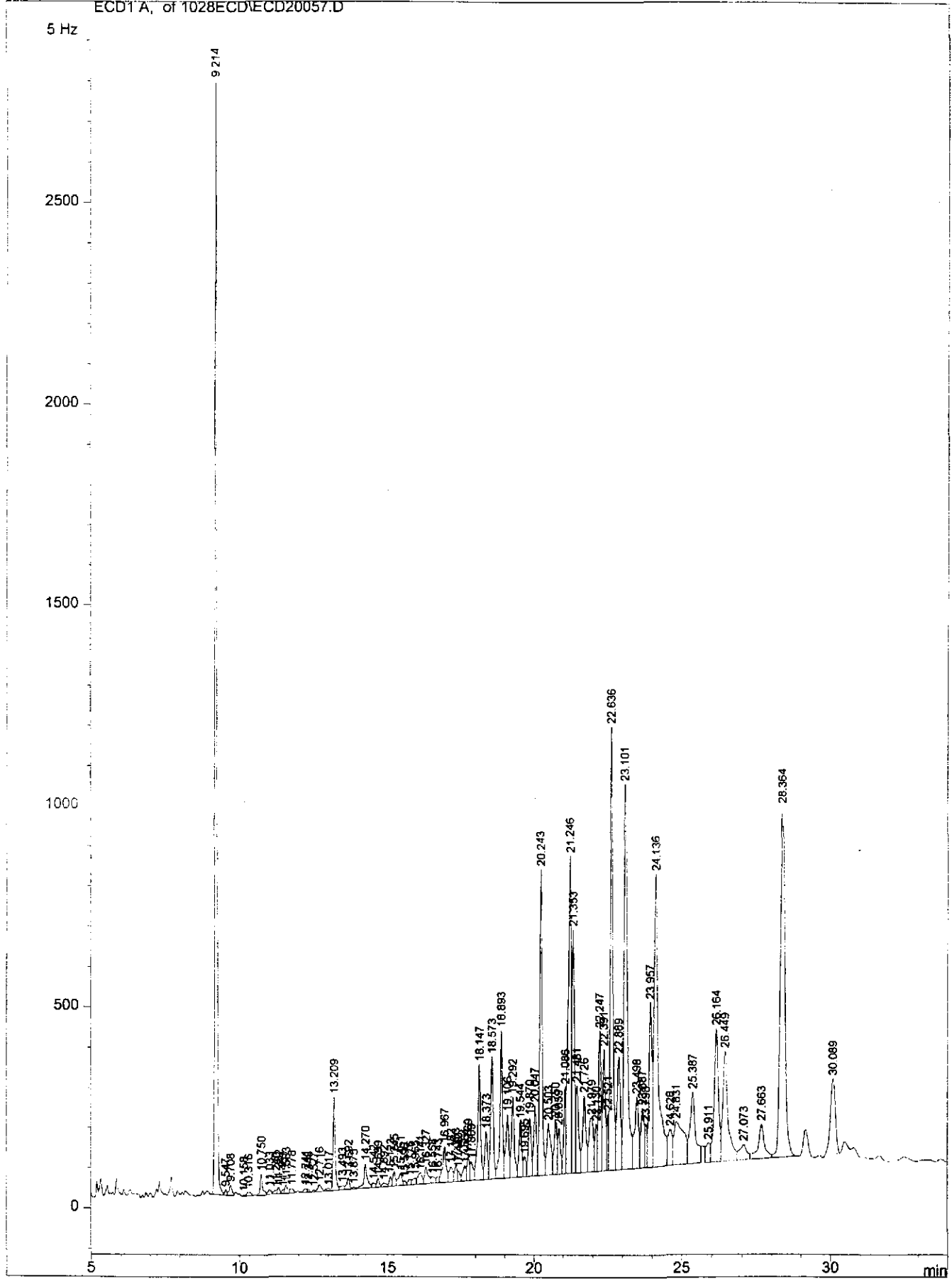
```
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/28/00 10:24:55 AM
                  (modified after loading)
```

```
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
```



Current Chromatogram(s)

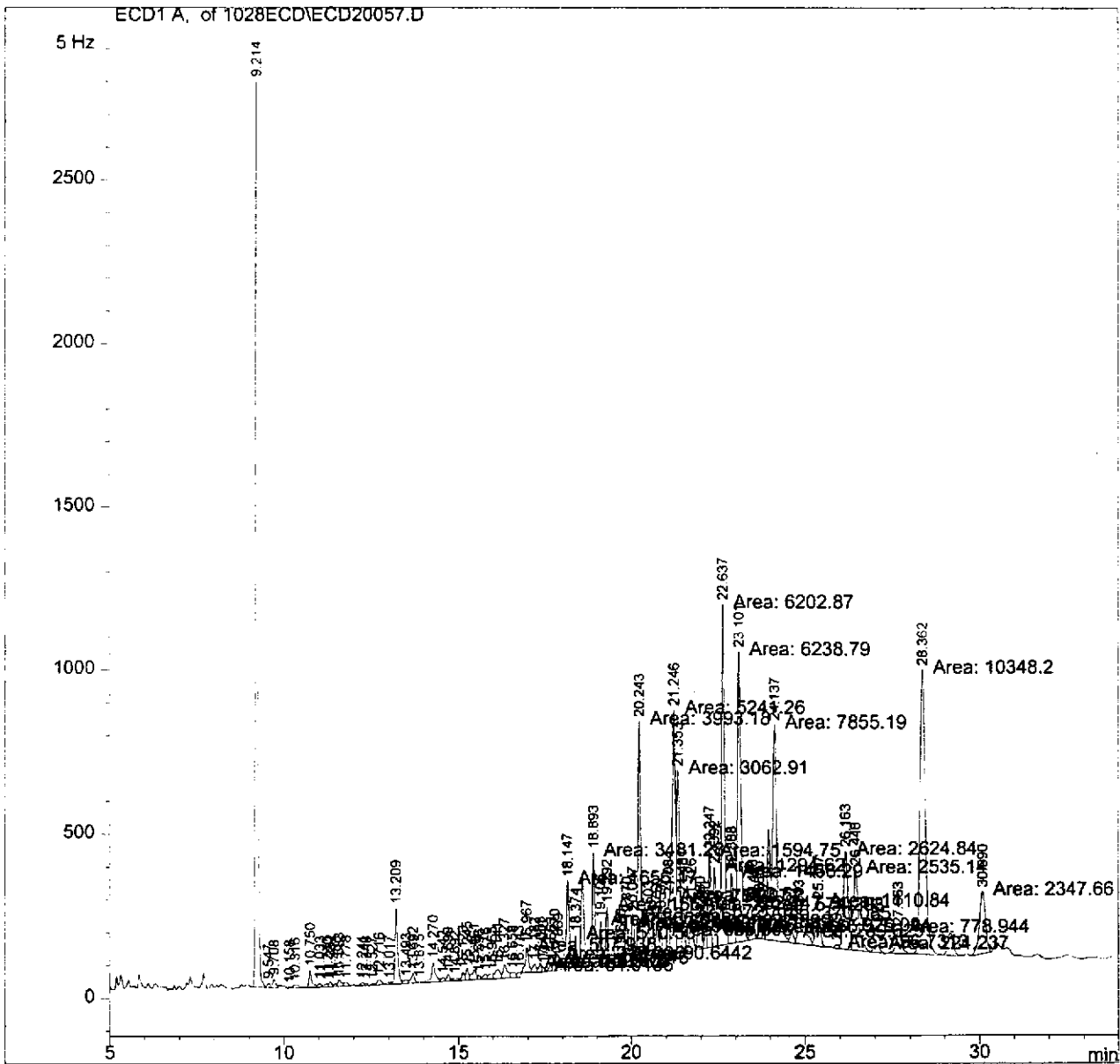
ECD1 A, of 1028ECD\ECD20057.D



```
=====
Injection Date   : 10/30/00 6:06:09 PM          Seq. Line : 57
Sample Name     : 205493-22                    Vial      : 57
Acq. Operator   : ROG                          Inj       : 1
                                                Inj Volume: 2 µl
```

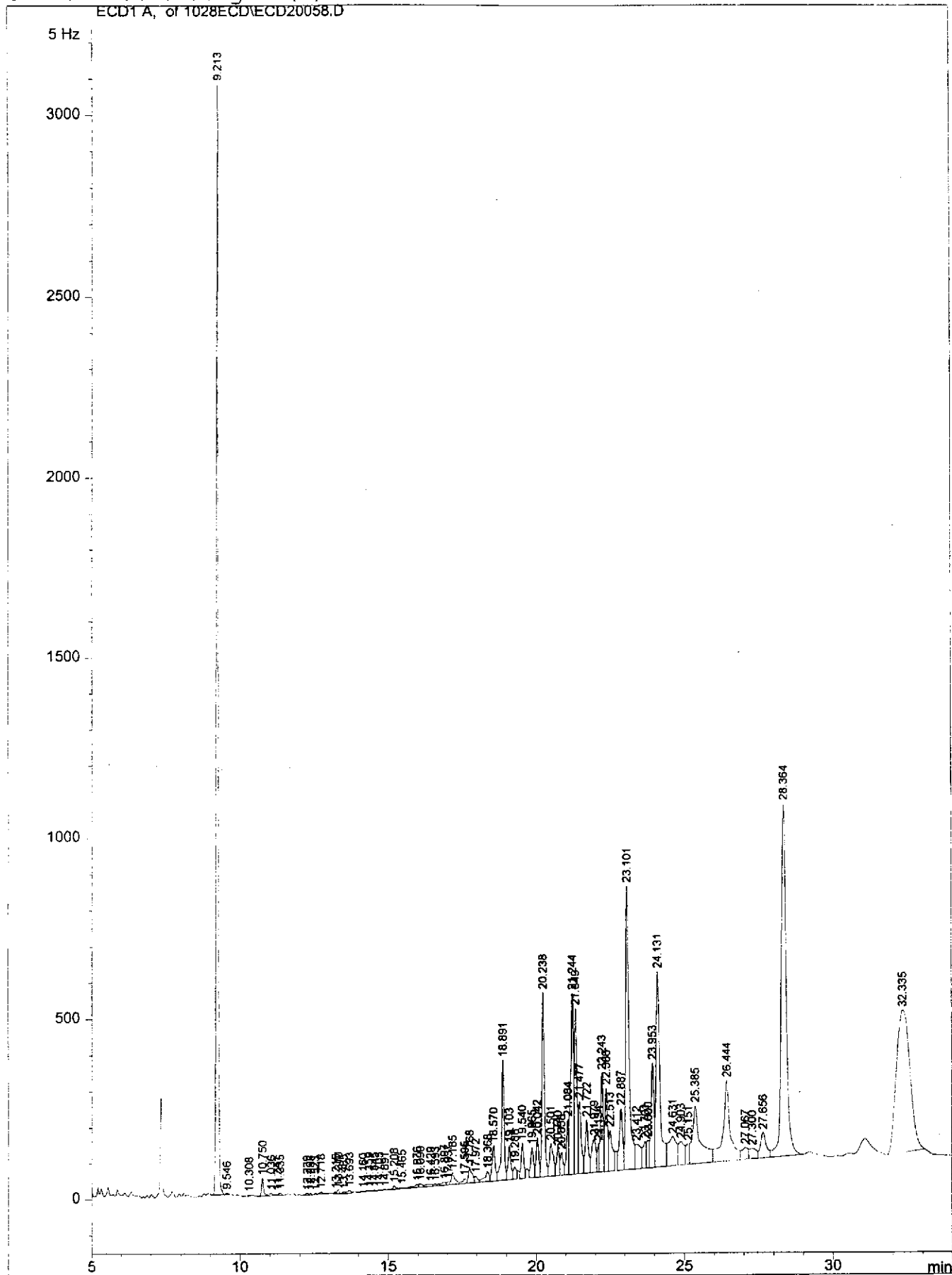
```
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method  : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/28/00 10:24:55 AM
                  (modified after loading)
```

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
 INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
 EQUIVALENT AS OF THIS DATE)



Current Chromatogram(s)

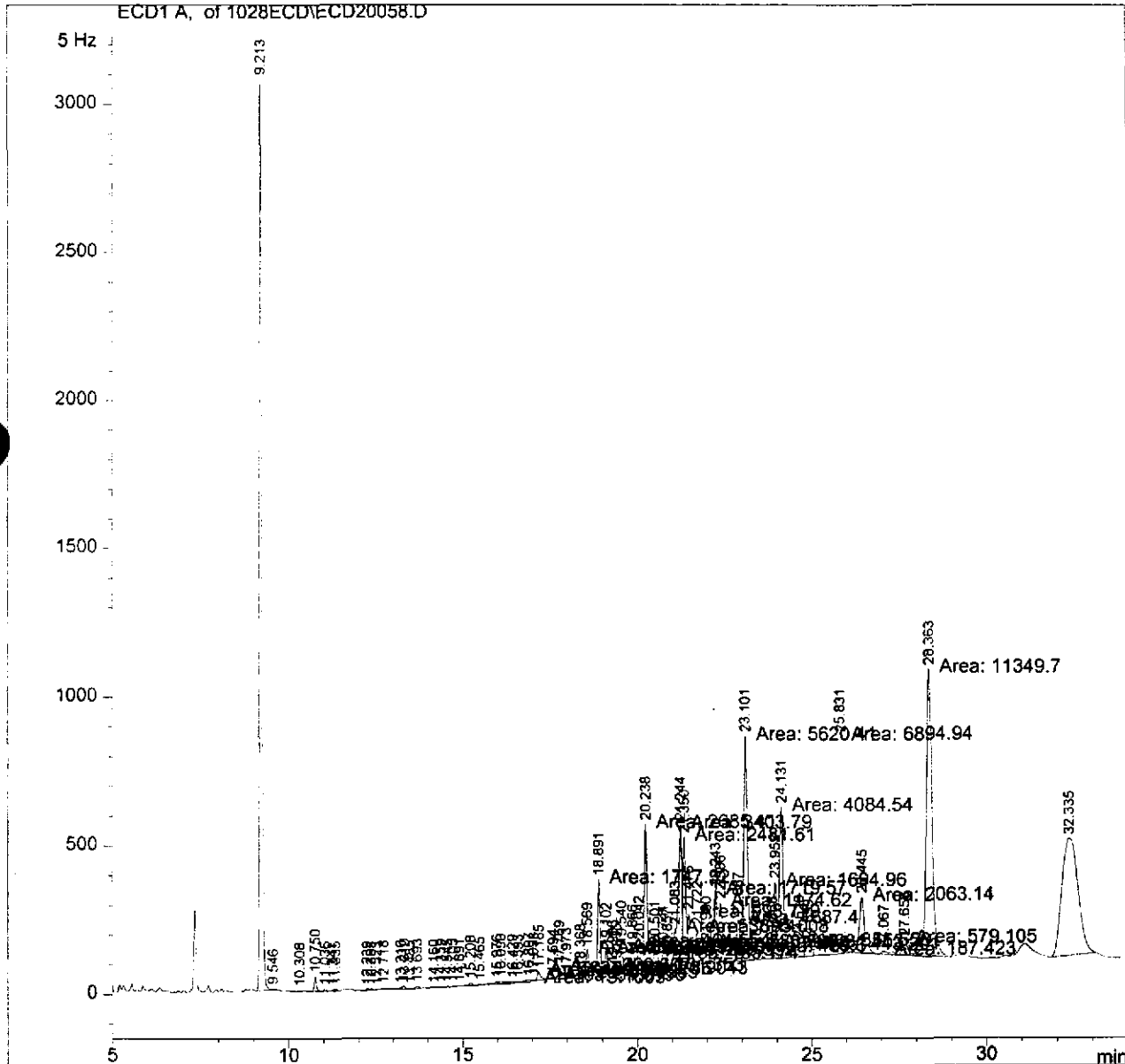
ECD1A, of 1028ECD\ECD20058.D



Injection Date : 10/30/00 6:43:06 PM Seq. Line : 58
Sample Name : 205493-23 Vial : 58
Acq. Operator : ROG Inj : 1
Inj Volume : 2 µl

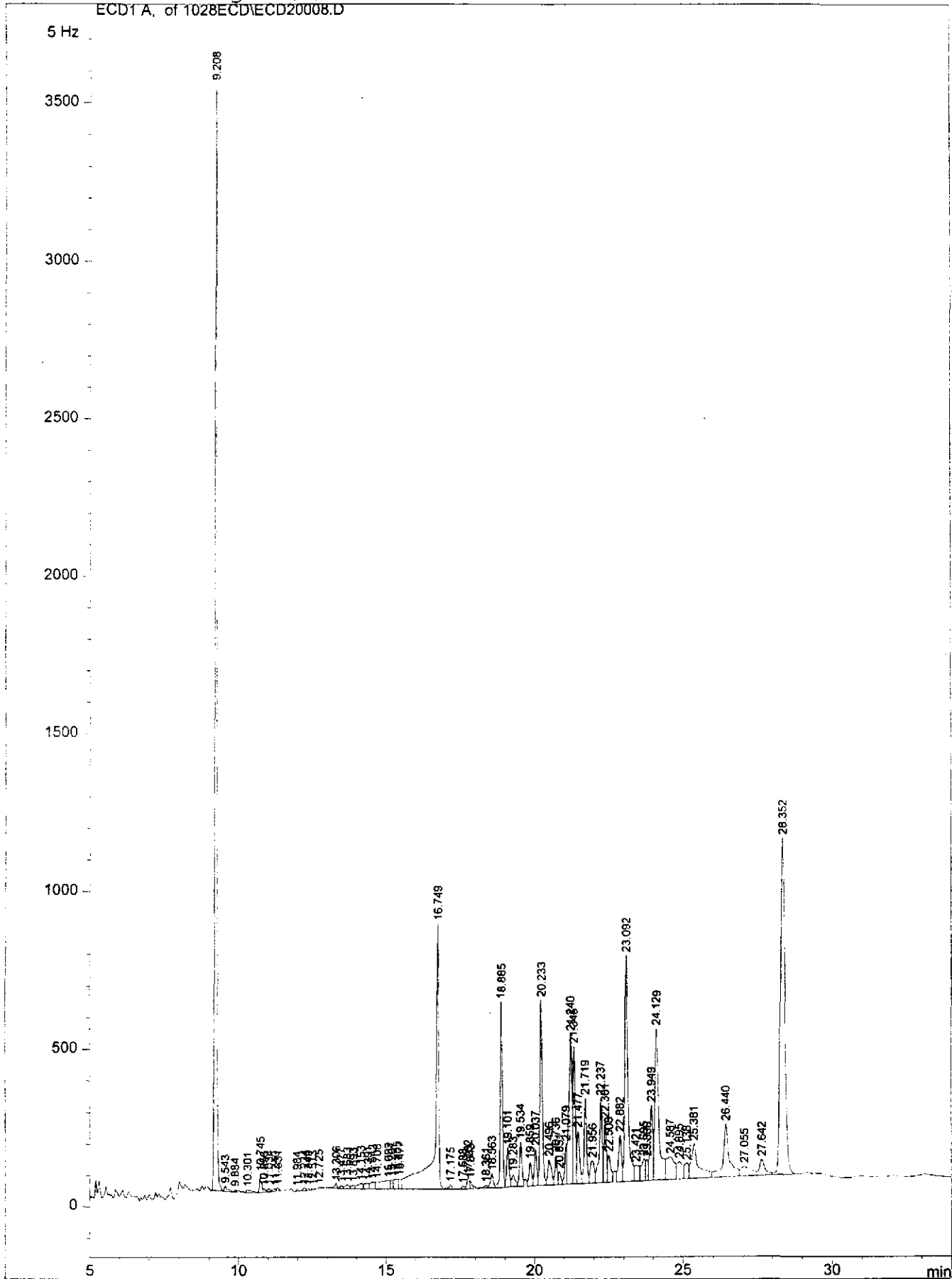
Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed : 10/28/00 10:24:55 AM
(modified after loading)

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)



Current Chromatogram(s)

ECD1A, of 1028ECD1ECD20008.D



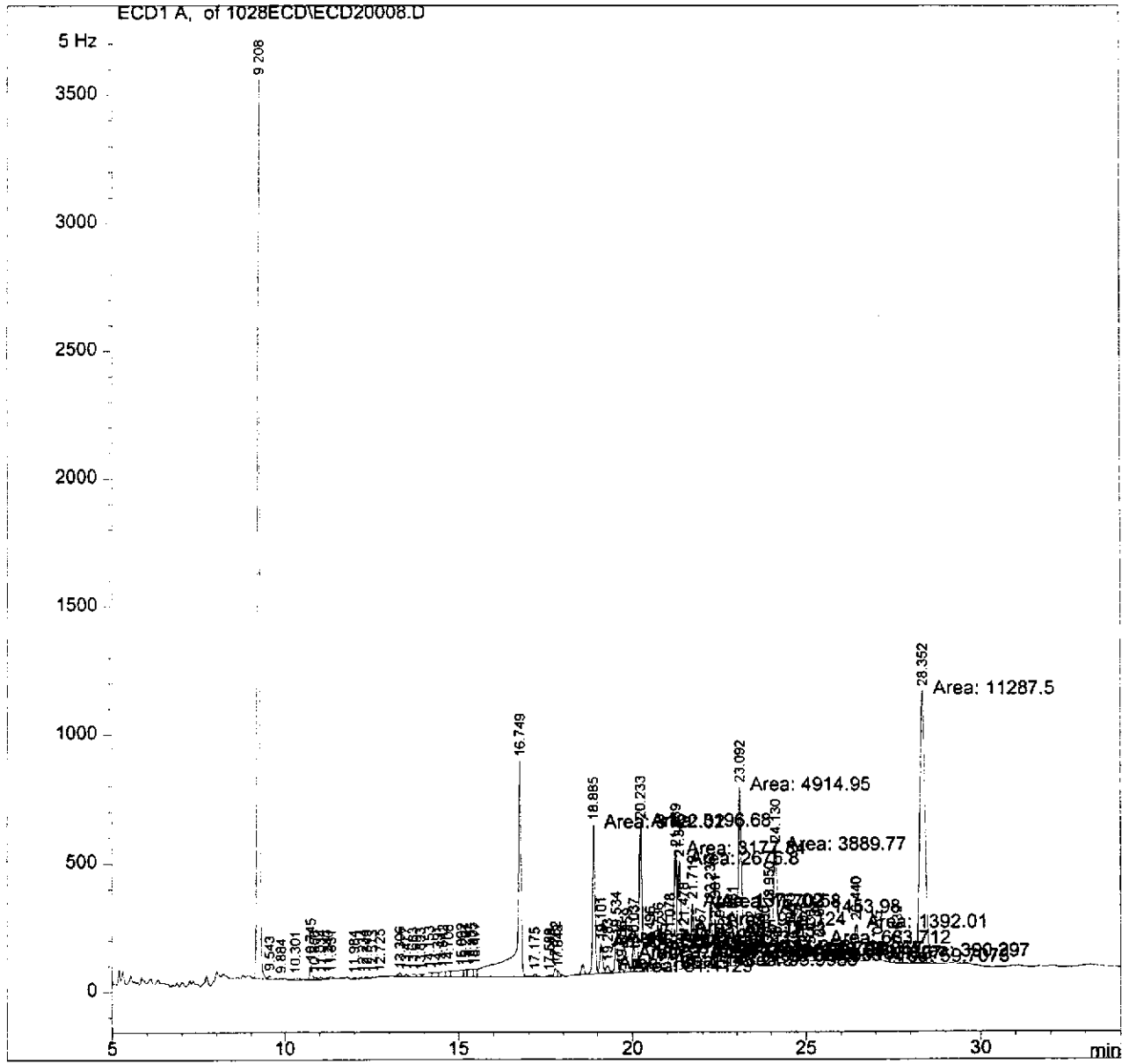
```

=====
Injection Date   : 10/28/00 3:40:20 PM           Seq. Line :    8
Sample Name     : 205493-24                       Vial       :    8
Acq. Operator   : ROG                               Inj        :    1
                                                    Inj Volume : 2  $\mu$ l

Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/28/00 10:24:55 AM
                  (modified after loading)

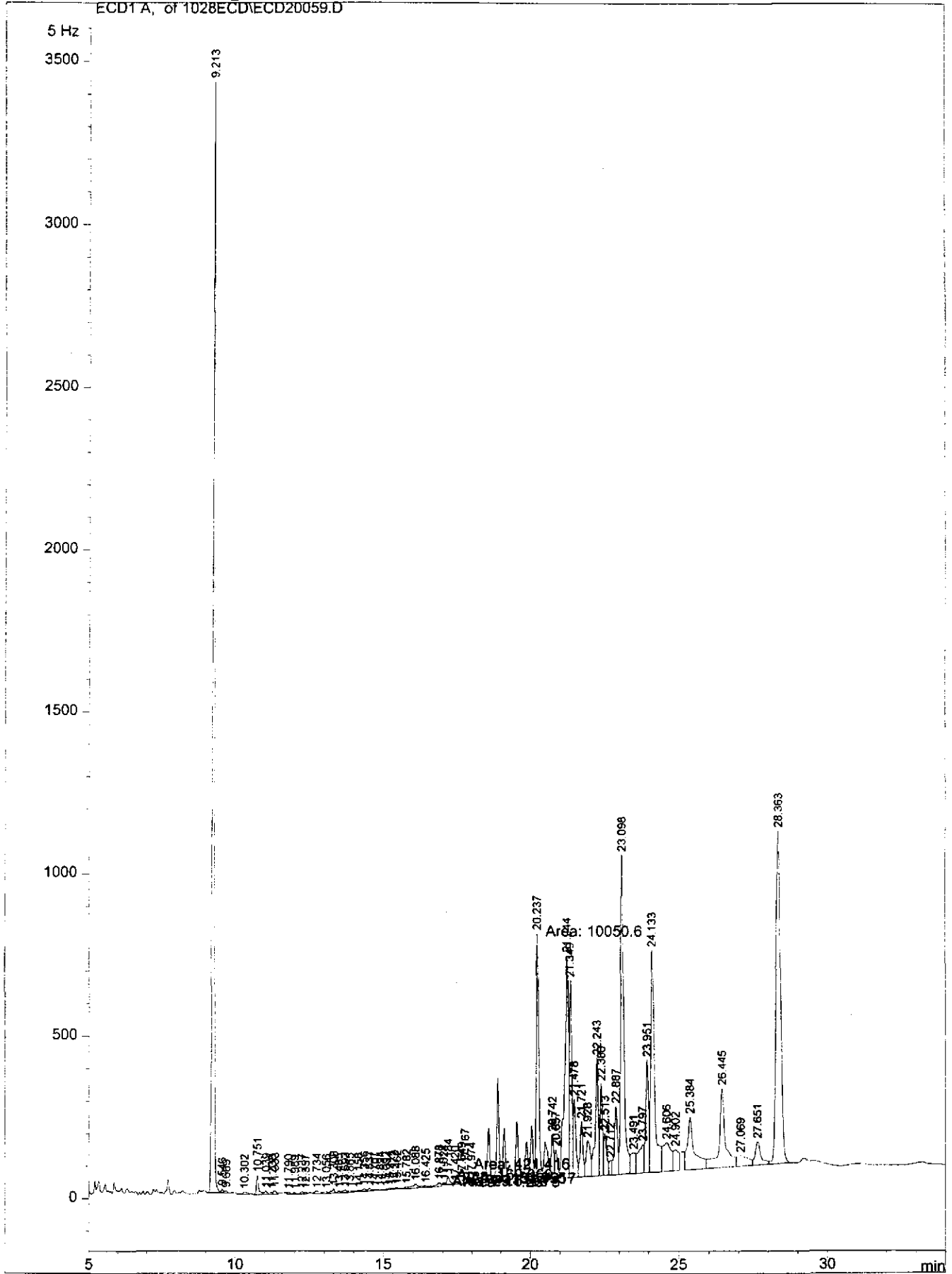
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2  $\mu$ l
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====

```



Current Chromatogram(s)

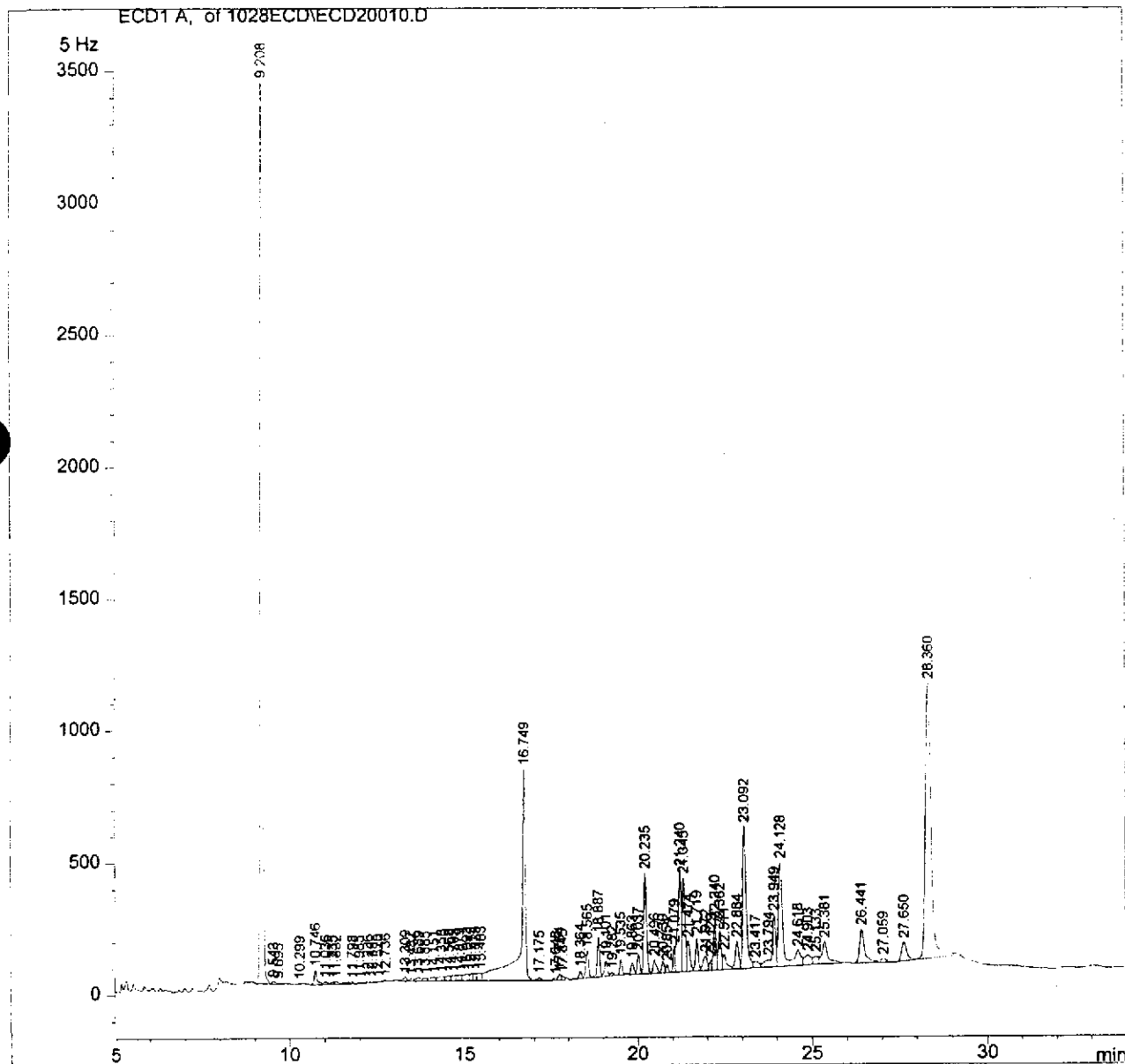
ECD1 A, of 1028ECD\ECD20059.D




```
=====
Injection Date   : 10/28/00 4:54:13 PM           Seq. Line : 10
Sample Name     : 205493-26                       Vial      : 10
Acq. Operator  : ROG                               Inj       : 1
                                                    Inj Volume: 2 µl
=====
```

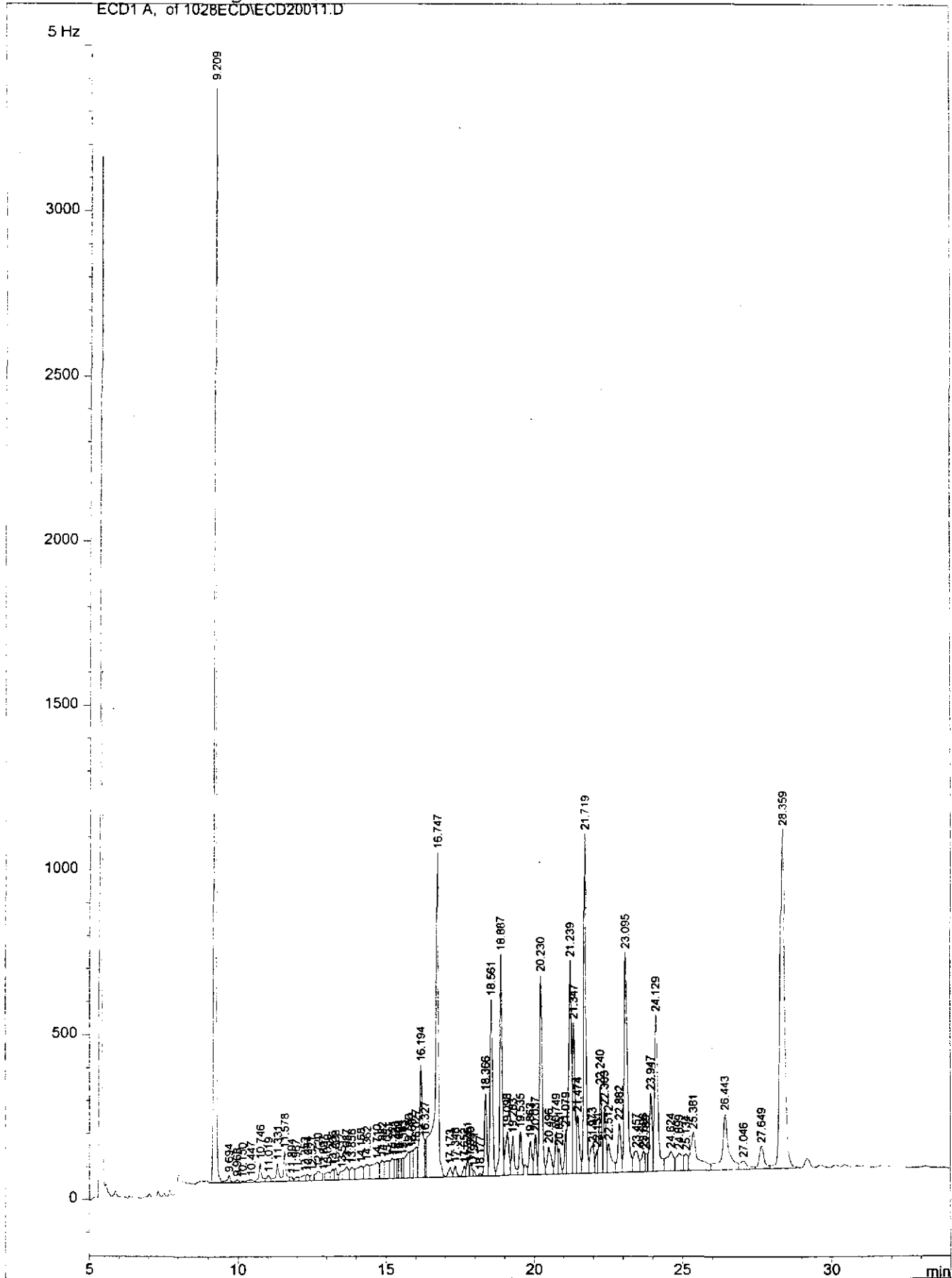
```
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/28/00 10:24:55 AM
                  (modified after loading)
```

```
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
```



Current Chromatogram(s)

ECD1 A, of 1028ECDIECD20011.D



```

=====
Injection Date : 10/28/00 5:31:08 PM          Seq. Line : 11
Sample Name    : 205493-27                    Vial       : 11
Acq. Operator  : ROG                          Inj        : 1
                                                Inj Volume : 2 µl
=====

```

```

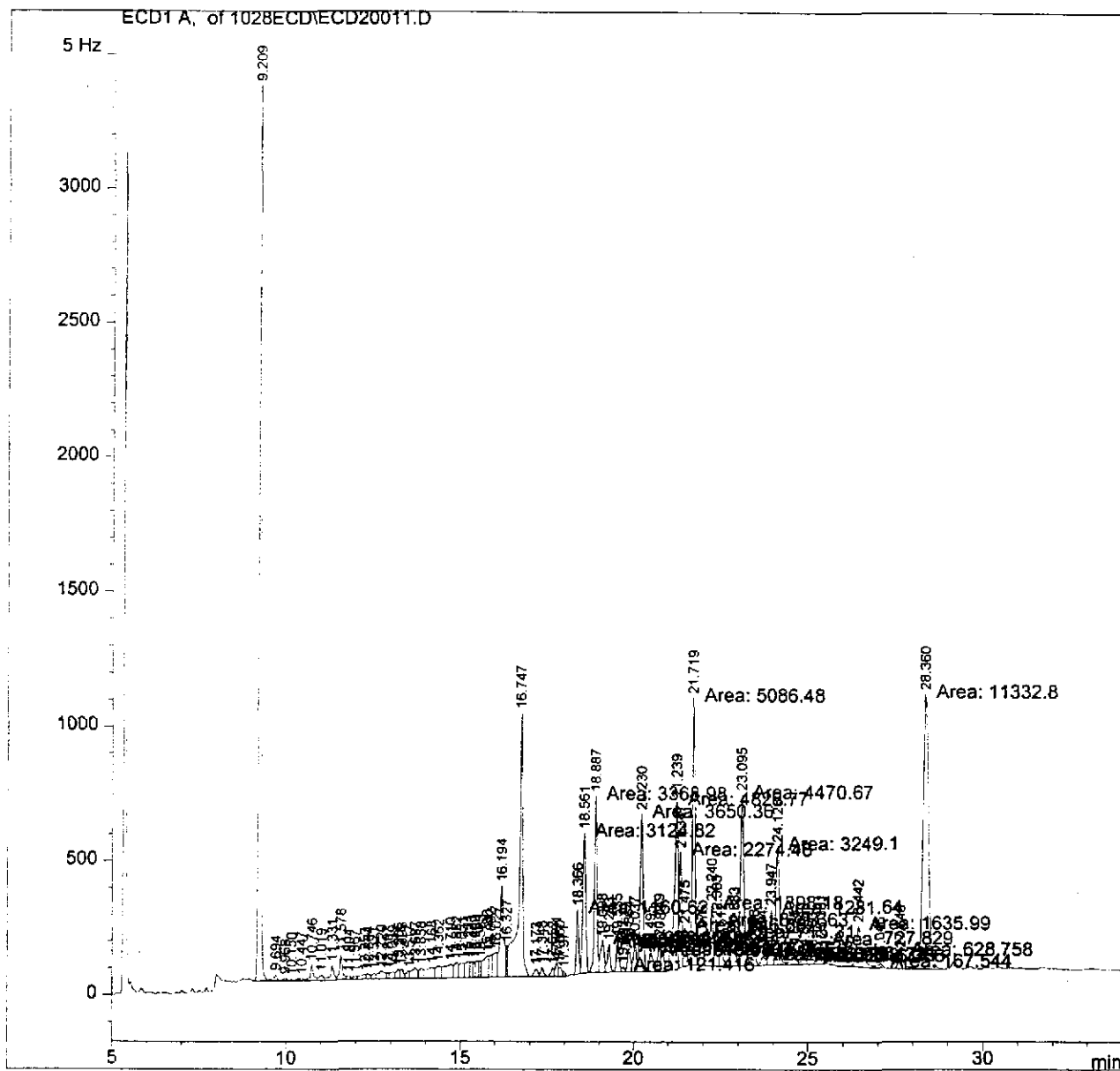
Acq. Method   : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed  : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed  : 10/28/00 10:24:55 AM
               (modified after loading)

```

```

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====

```

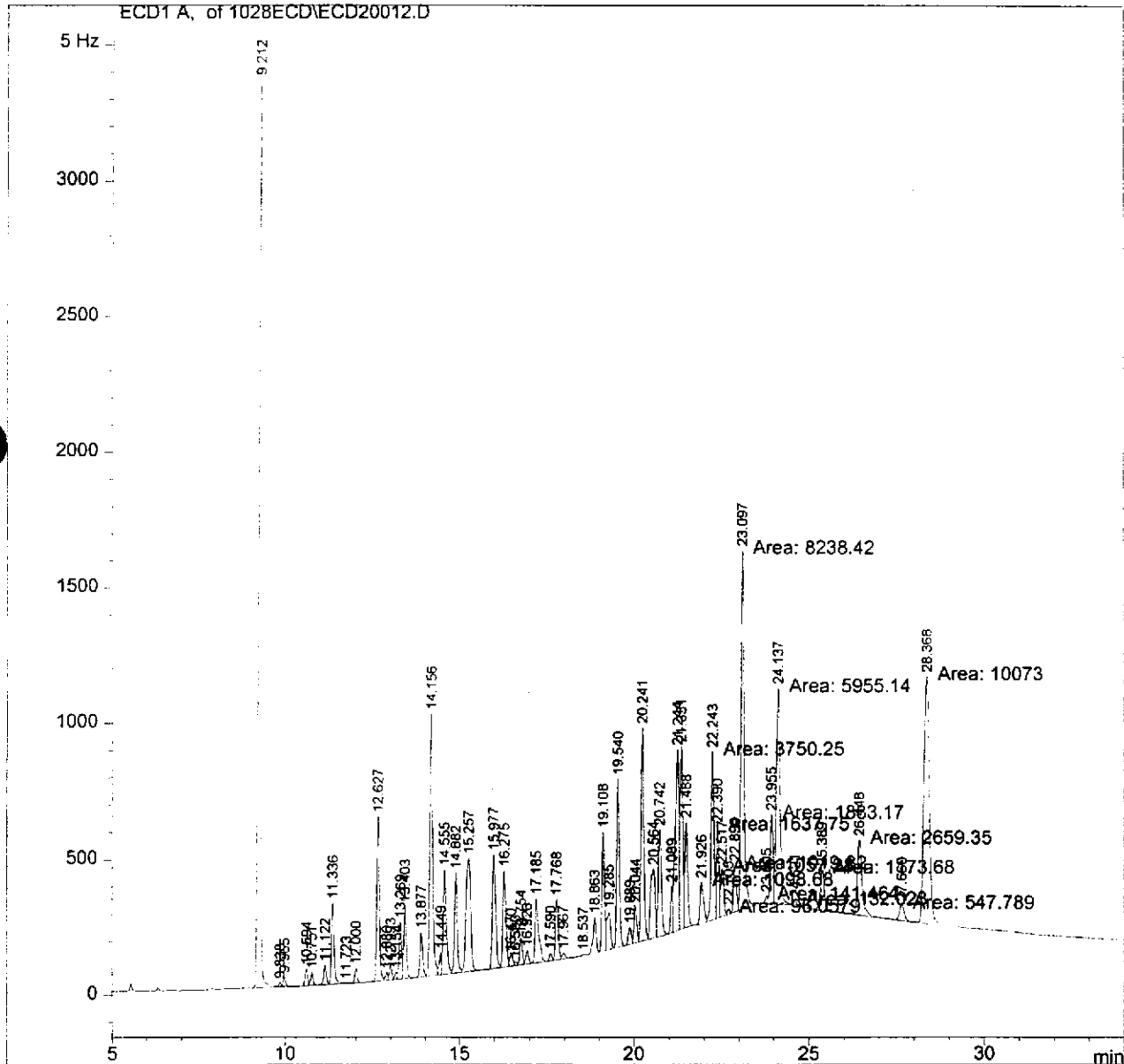


Injection Date : 10/29/00 12:53:01 PM
Sample Name : 1660 10.0
Acq. Operator : ROG

Seq. Line : 12
Vial : 1
Inj : 1
Inj Volume : 2 µl

Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed : 10/28/00 10:24:55 AM
(modified after loading)

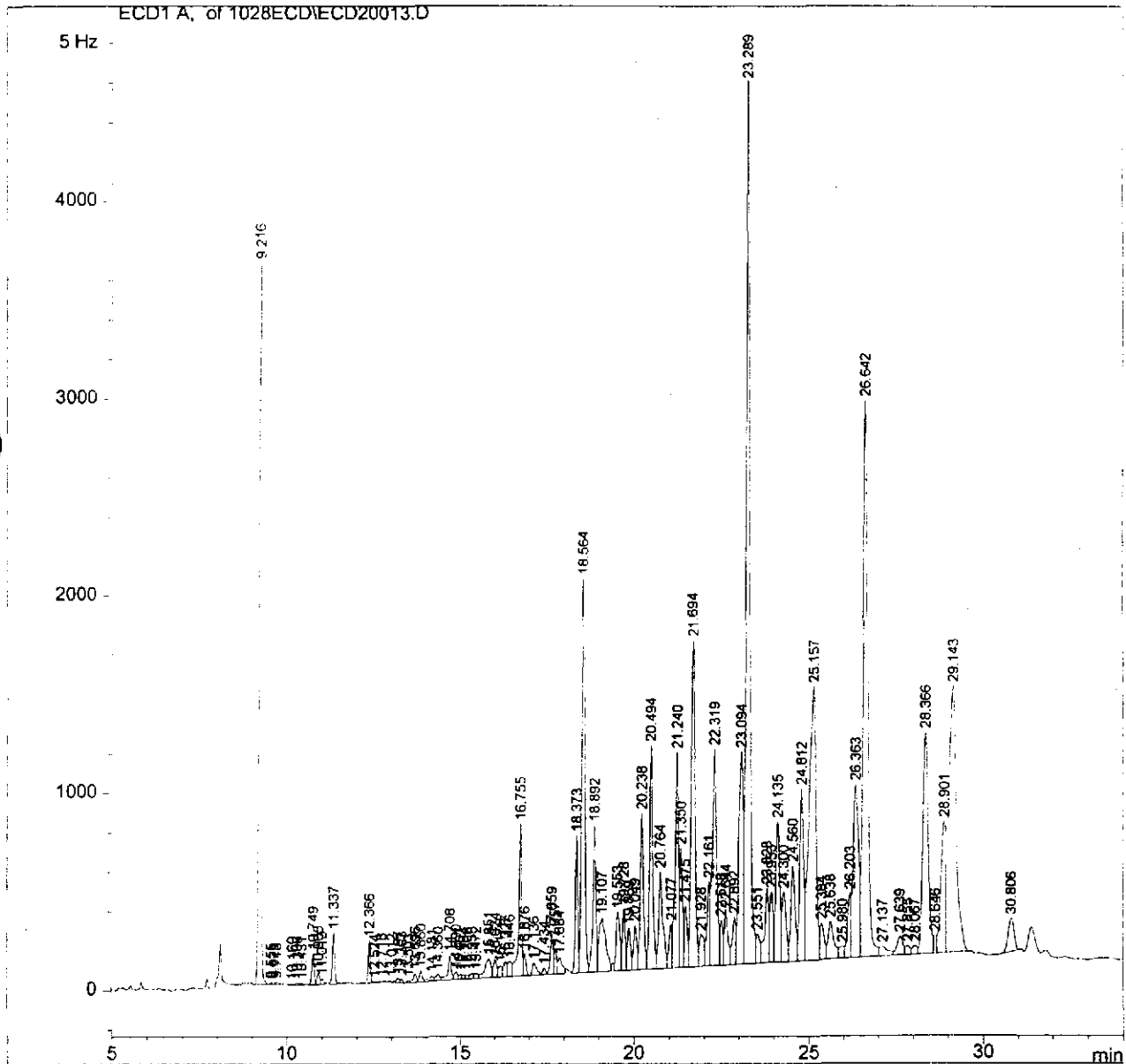
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)



=====
 Injection Date : 10/29/00 1:29:19 PM Seq. Line : 13
 Sample Name : 205493-28 Vial : 13
 Acq. Operator : ROG Inj : 1
 Inj Volume : 2 μ l

Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
 Last changed : 10/19/00 6:45:34 PM by ROG
 Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
 Last changed : 10/28/00 10:24:55 AM
 (modified after loading)

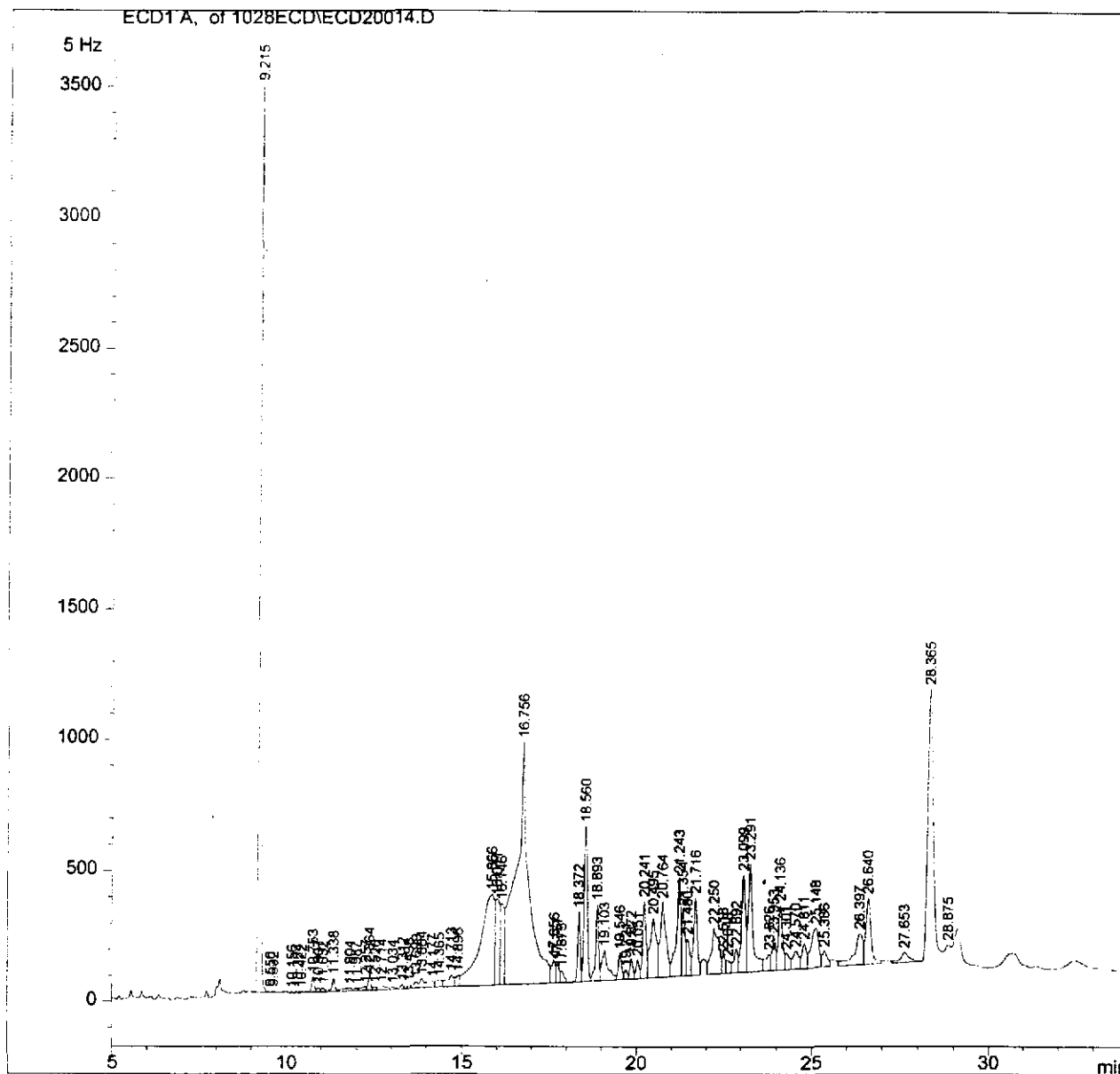
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 μ l
 INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
 EQUIVALENT AS OF THIS DATE)



```
=====
Injection Date   : 10/29/00 2:06:14 PM           Seq. Line :   14
Sample Name     : 205493-29                       Vial      :   14
Acq. Operator   : ROG                             Inj       :    1
                                                    Inj Volume: 2 µl
=====
```

```
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/28/00 10:24:55 AM
                  (modified after loading)
```

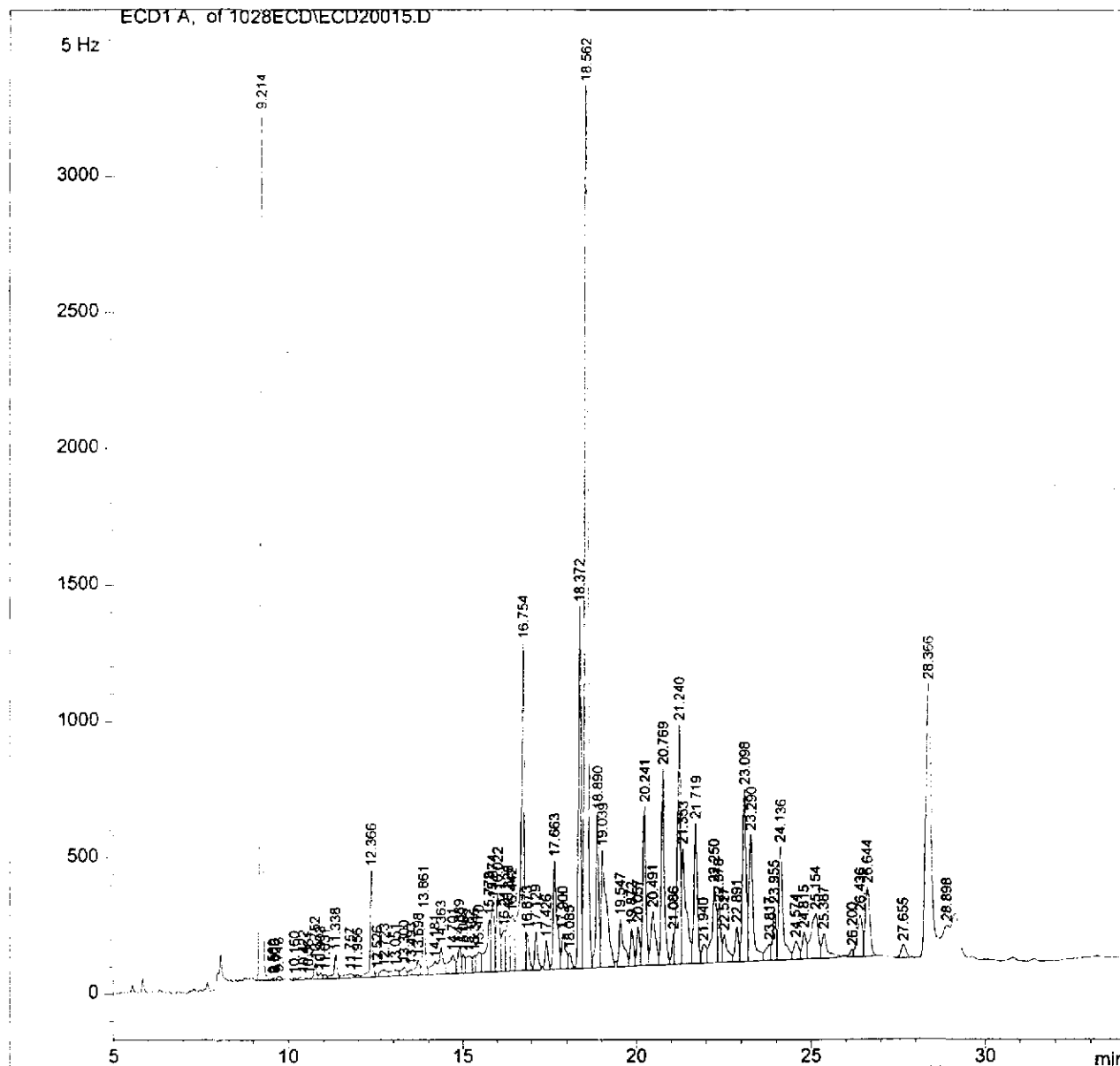
```
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
```



=====
 Injection Date : 10/29/00 2:43:11 PM Seq. Line : 15
 Sample Name : 205493-30 Vial : 15
 Acq. Operator : ROG Inj : 1
 Inj Volume : 2 µl

Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
 Last changed : 10/19/00 6:45:34 PM by ROG
 Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
 Last changed : 10/28/00 10:24:55 AM
 (modified after loading)

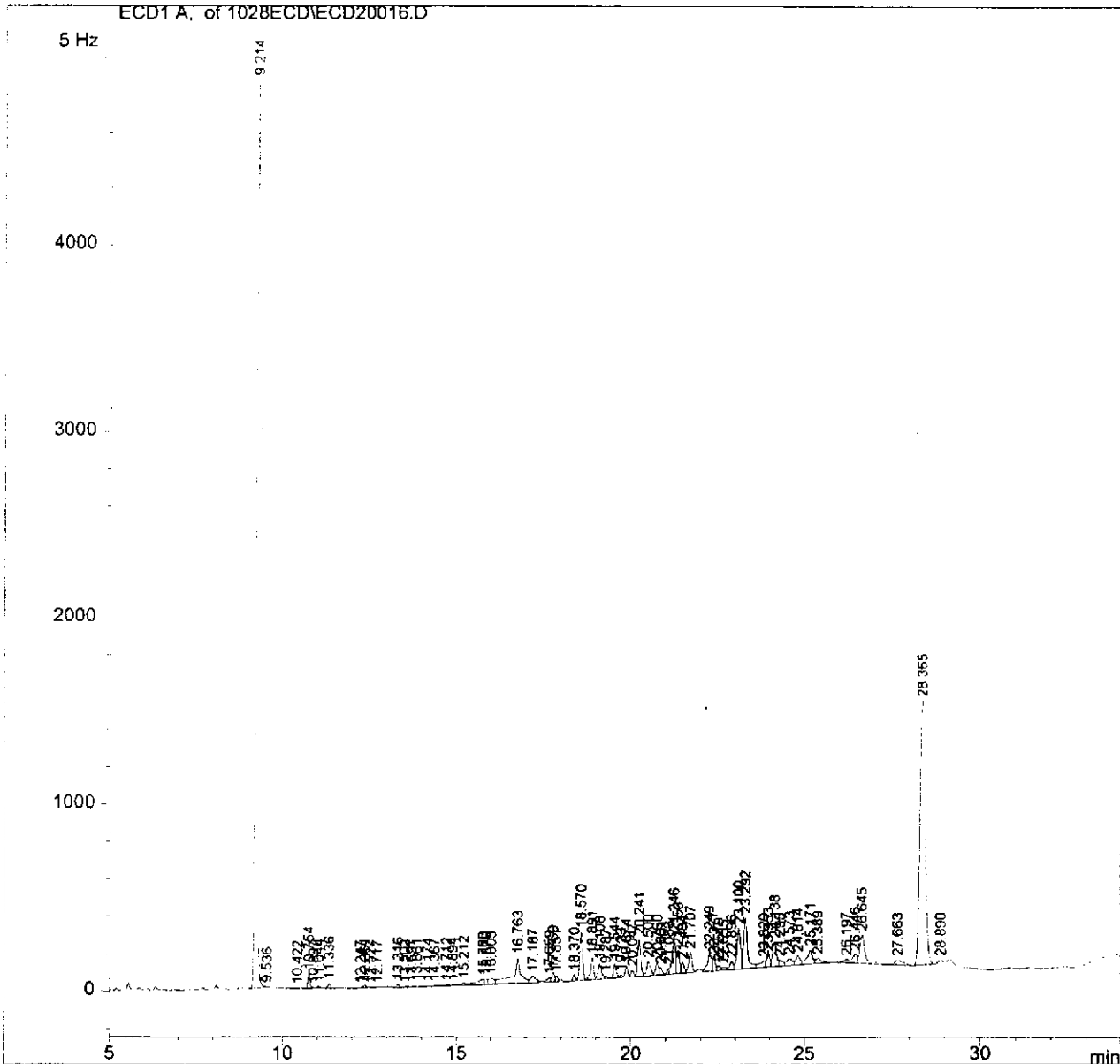
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
 INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
 EQUIVALENT AS OF THIS DATE)



=====
Injection Date : 10/29/00 3:20:06 PM Seq. Line : 16
Sample Name : 205493-31 Vial : 16
Acq. Operator : ROG Inj : 1
 Inj Volume : 2 µl

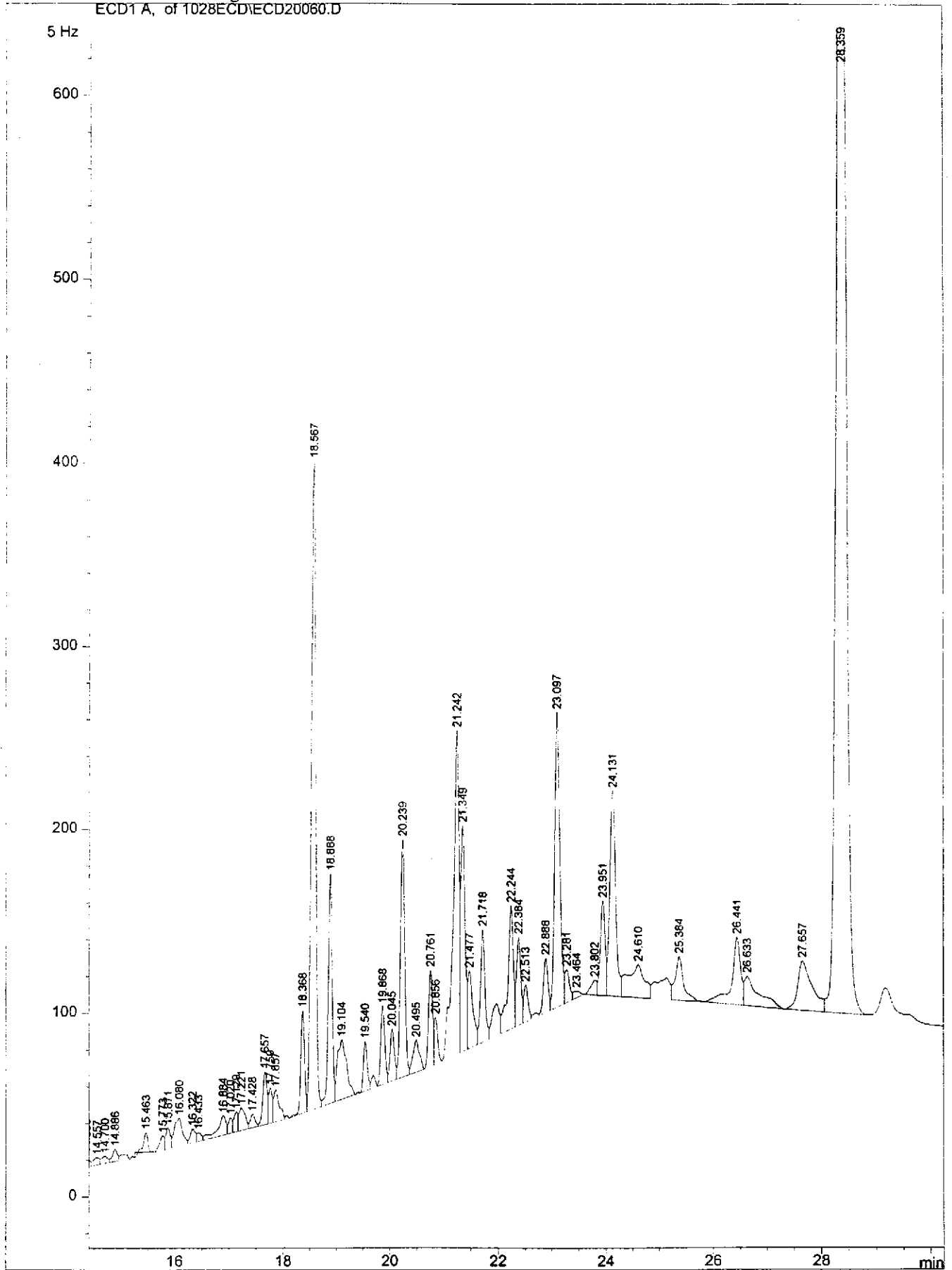
Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed : 10/28/00 10:24:55 AM
(modified after loading)

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)



Current Chromatogram(s)

ECD1 A, of 1028ECD\ECD20080.D



```

=====
Injection Date   : 10/30/00 7:56:56 PM           Seq. Line :   60
Sample Name     : 205493-32                     Vial      :   60
Acq. Operator  : ROG                           Inj       :    1
                                                    Inj Volume: 2 µl
=====

```

```

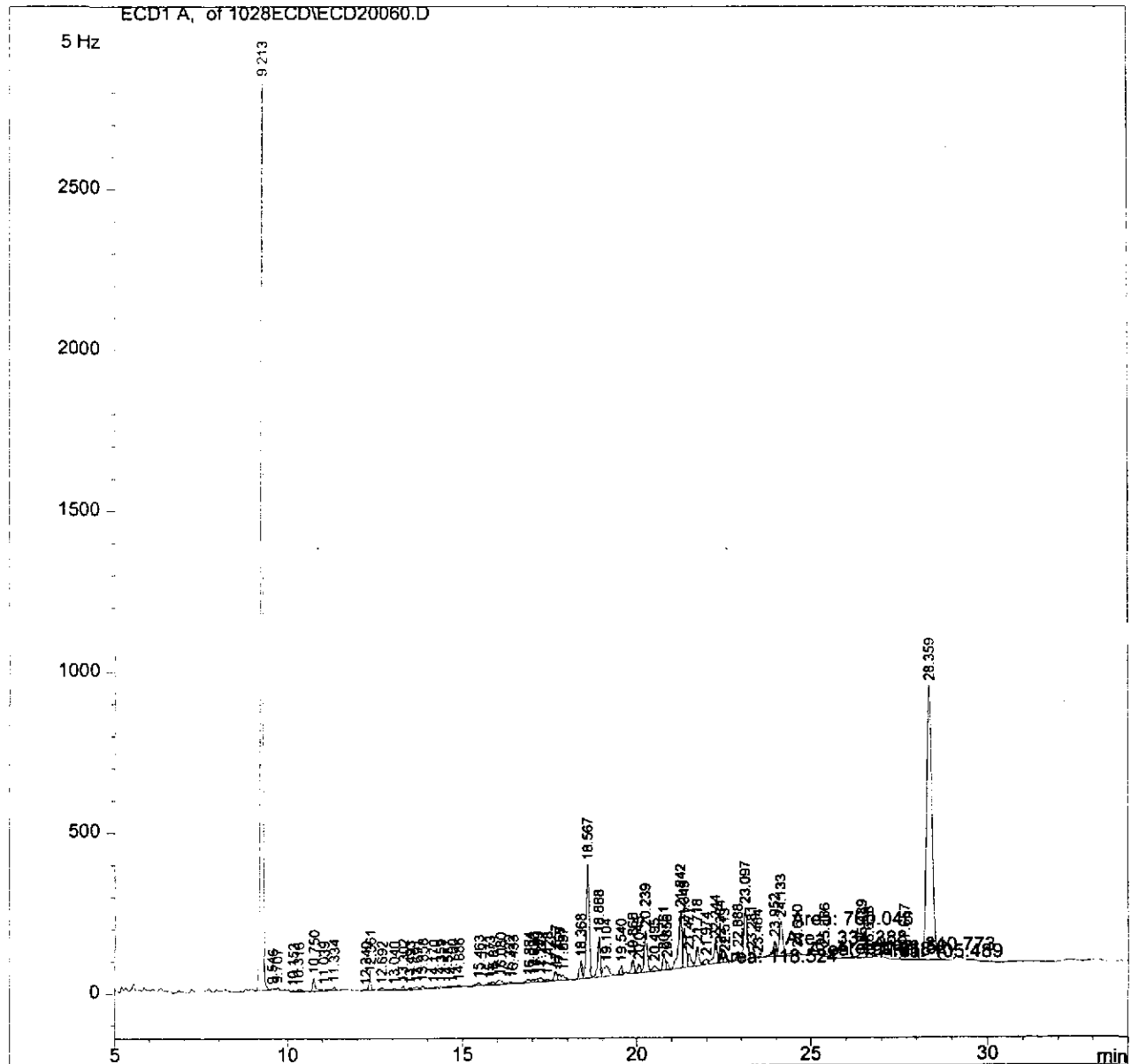
Acq. Method    : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed   : 10/19/00 6:45:34 PM by ROG
Analysis Method: C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed   : 10/28/00 10:24:55 AM
                (modified after loading)

```

```

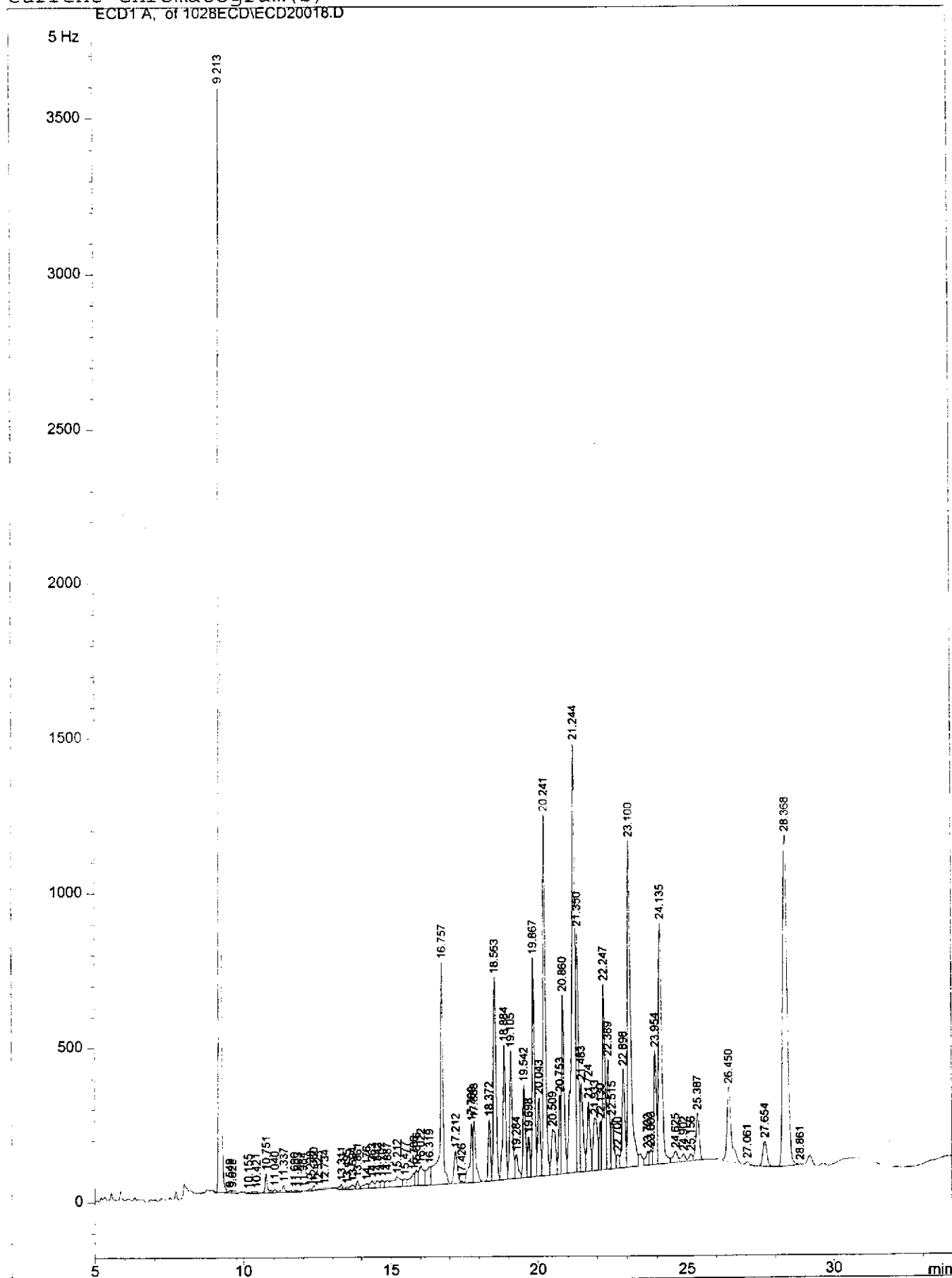
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====

```



Current Chromatogram(s)

ECD1 A, of 1028ECD\ECD20018.D



```

=====
Injection Date   : 10/29/00 4:33:21 PM          Seq. Line   : 18
Sample Name     : 205493-33                    Vial        : 18
Acq. Operator   : ROG                          Inj         : 1
                                           Inj Volume  : 2 µl
=====

```

```

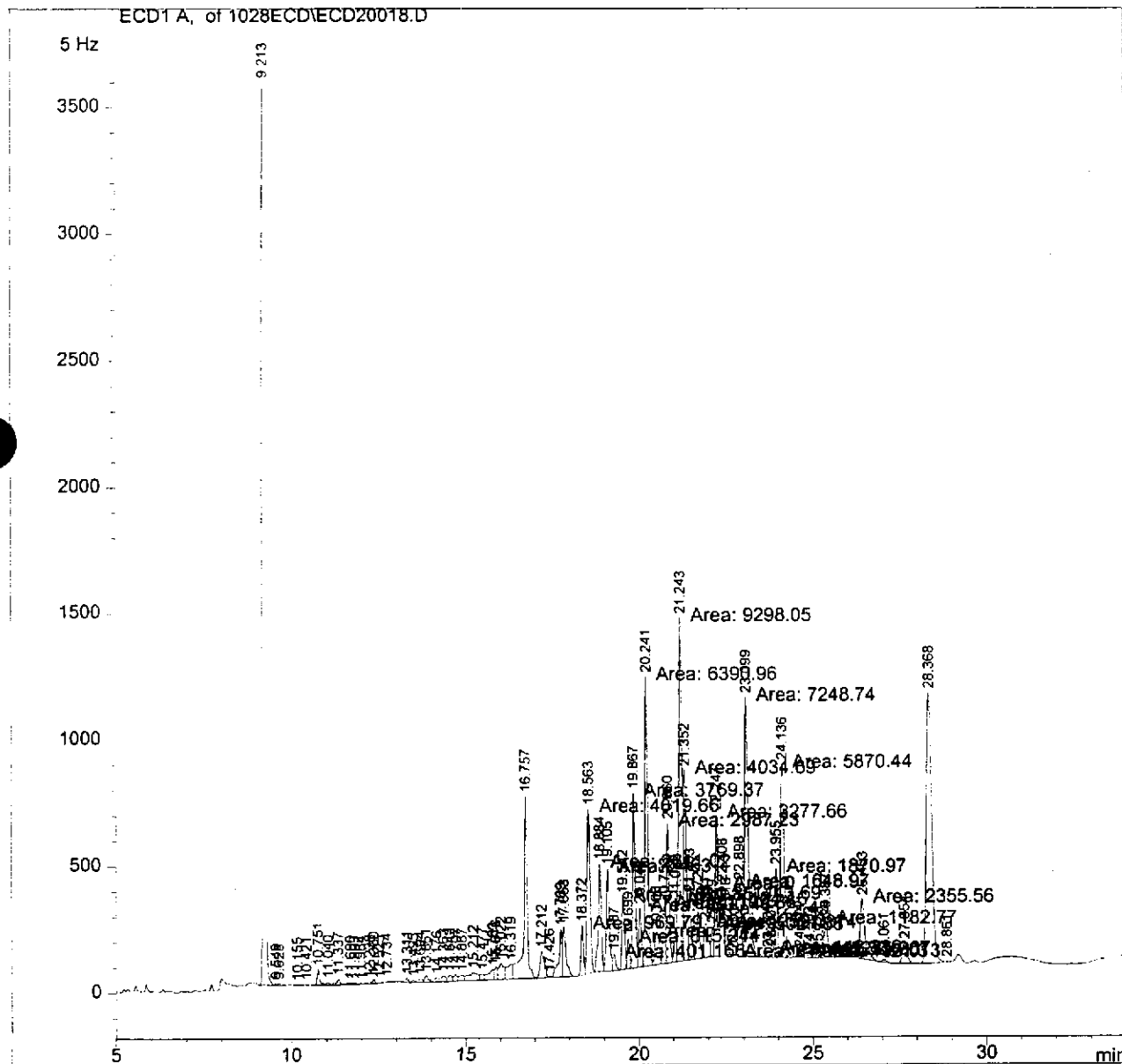
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                (modified after loading)

```

```

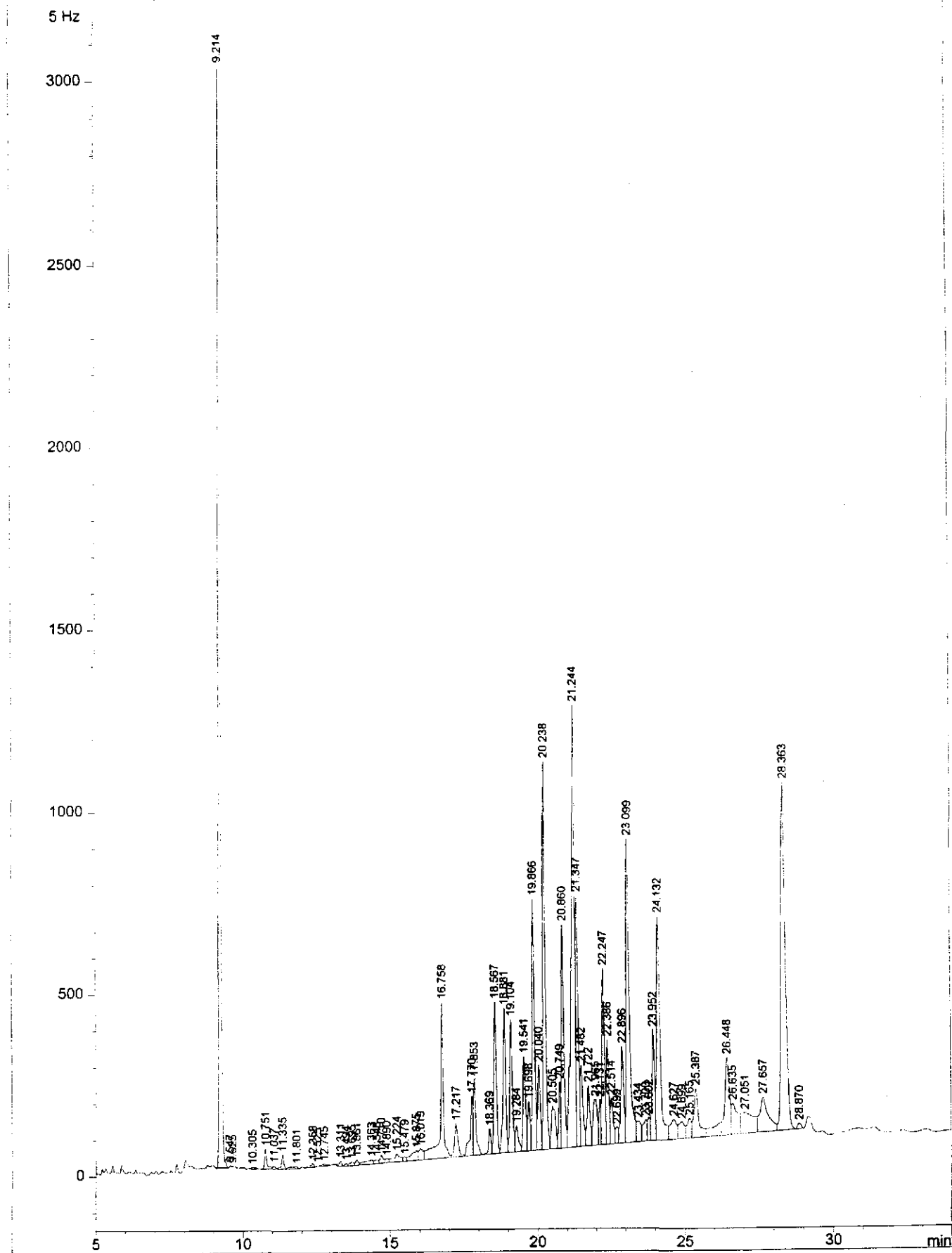
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====

```



Current Chromatogram(s)

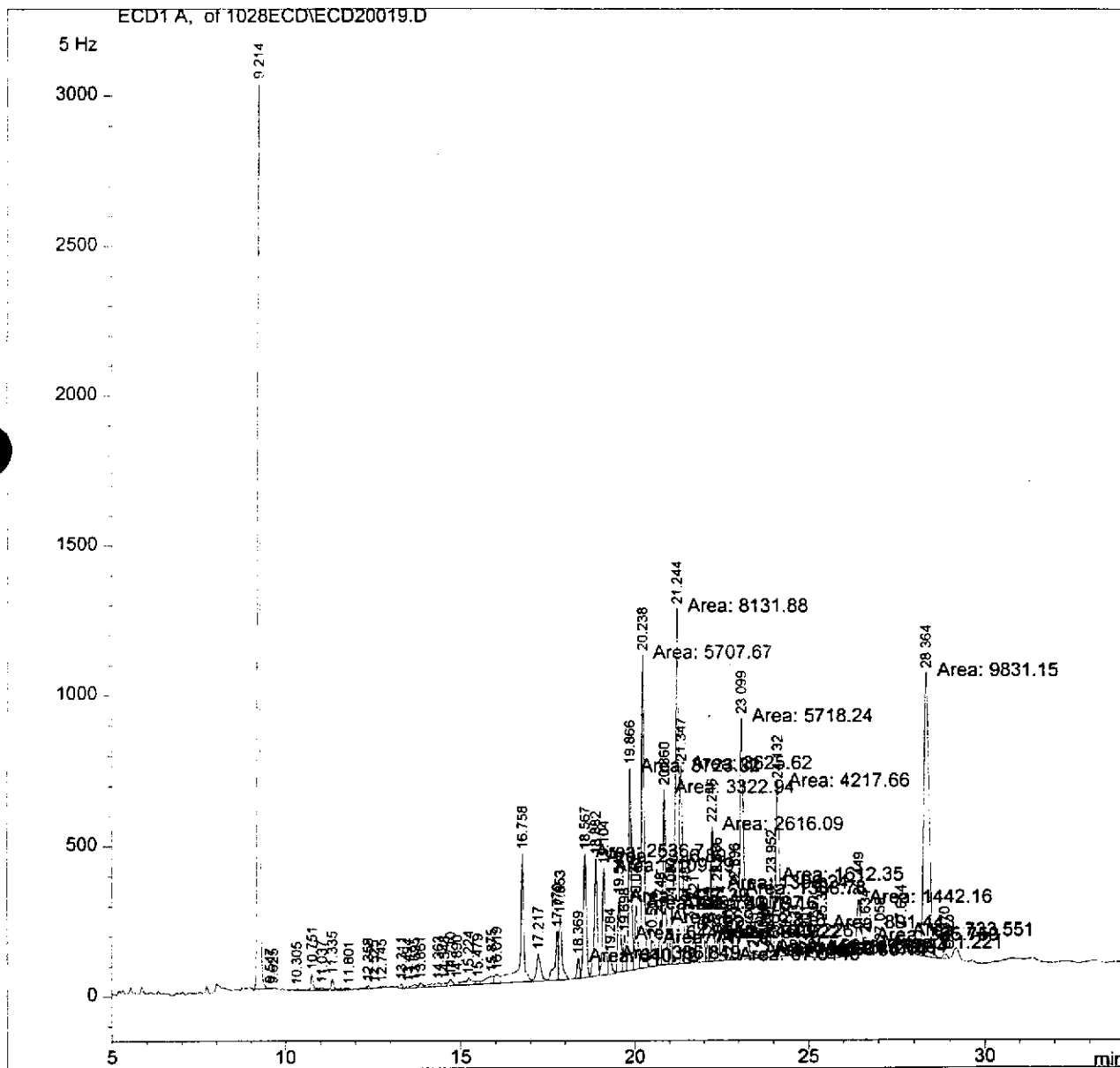
ECD1A, of 1028ECD\VECD20019.D



```
=====
Injection Date   : 10/29/00 5:10:16 PM           Seq. Line :   19
Sample Name     : 205493-34                       Vial      :   19
Acq. Operator   : ROG                             Inj       :    1
                                                    Inj Volume:  2 µl
=====
```

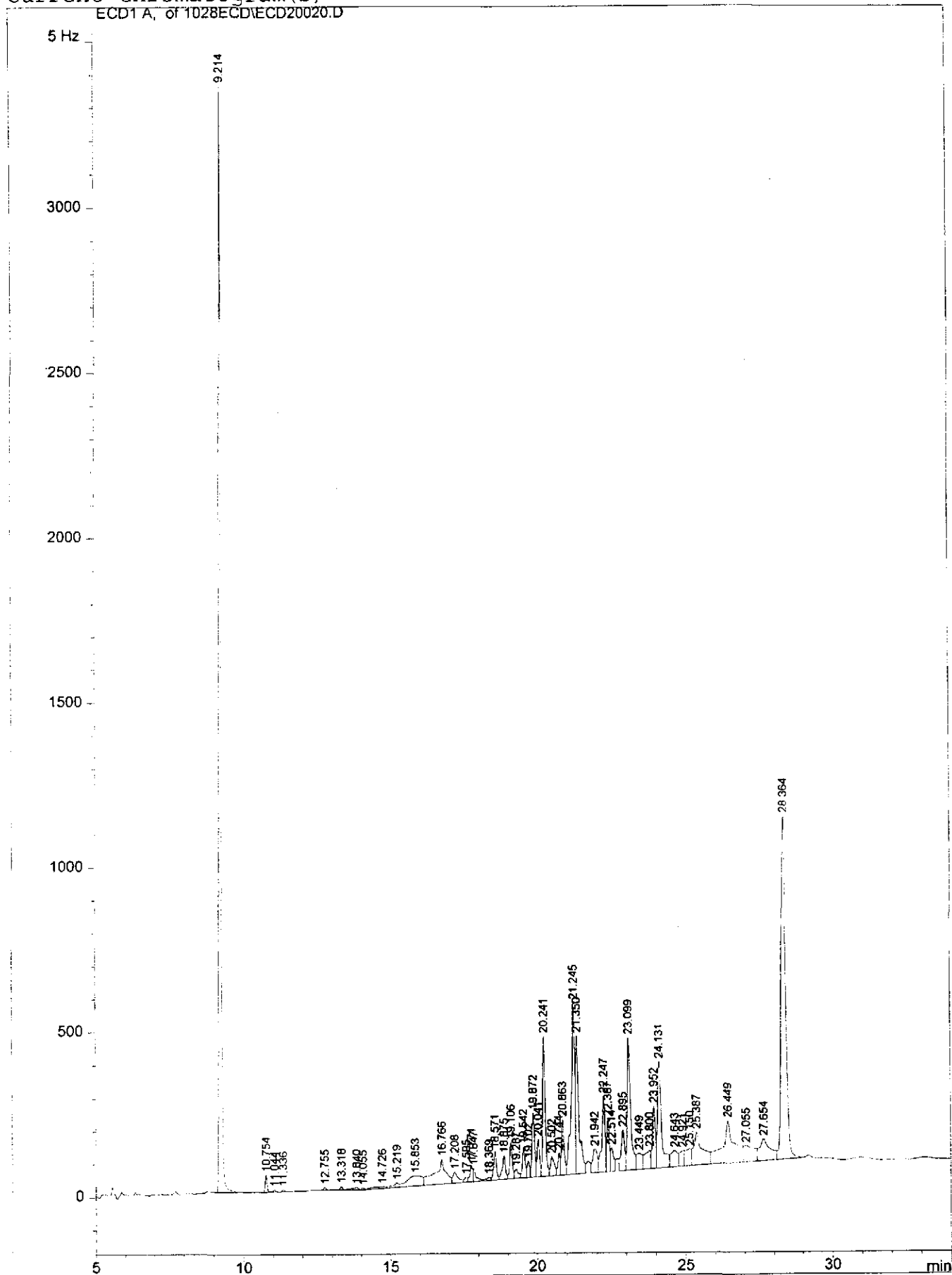
```
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                (modified after loading)
```

```
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
```



Current Chromatogram(s)

ECD1 A, of 1028ECD\ECD20020.D



```

=====
Injection Date   : 10/29/00 5:47:14 PM           Seq. Line :   20
Sample Name     : 205493-35                     Vial      :   20
Acq. Operator   : ROG                          Inj       :    1
                                                Inj Volume:  2 µl
=====

```

```

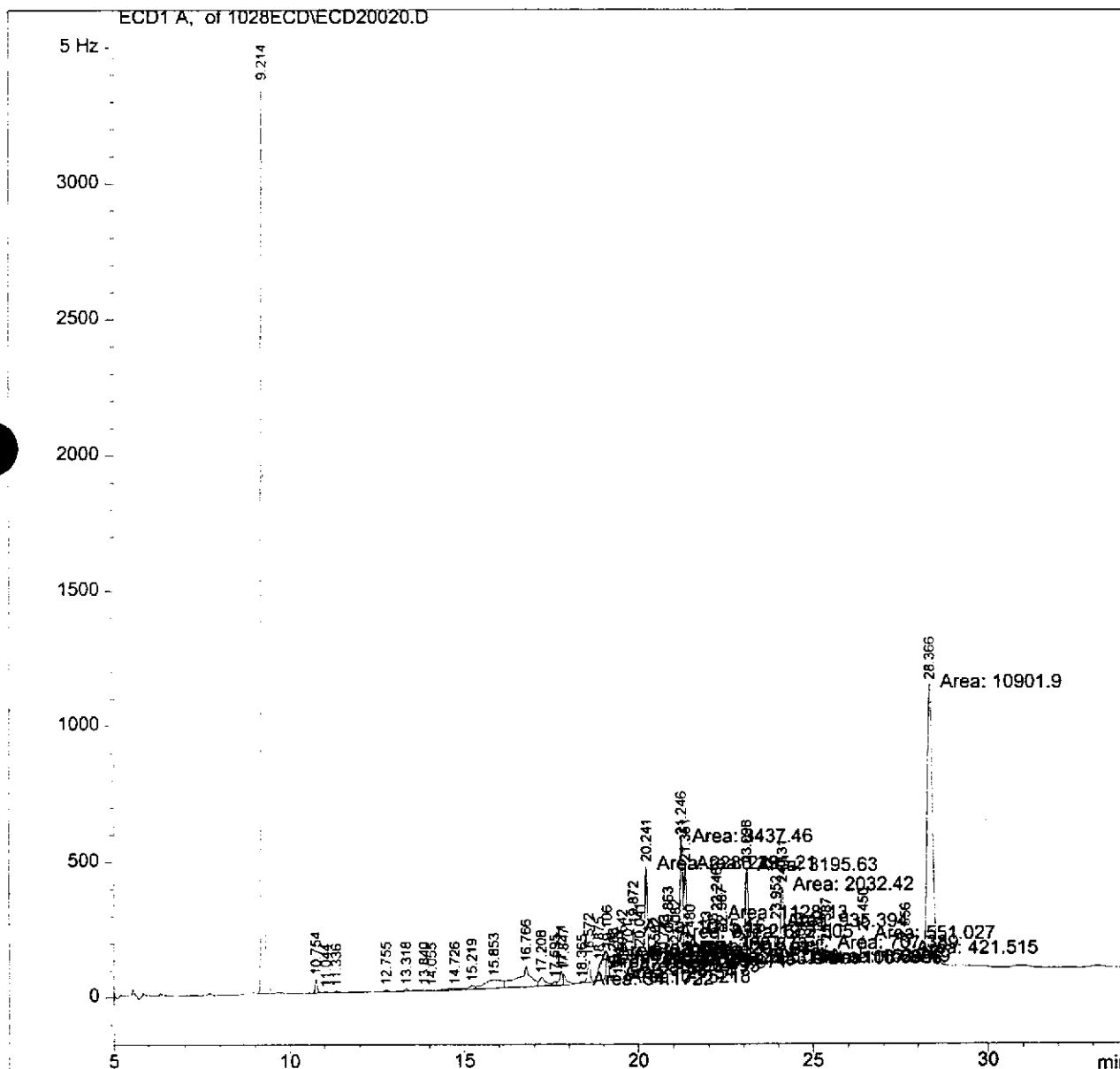
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                  (modified after loading)

```

```

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====

```




```

=====
Injection Date   : 10/29/00 6:24:08 PM           Seq. Line   : 21
Sample Name     : 205493-35MS                   Vial        : 21
Acq. Operator   : ROG                           Inj         : 1
                                                    Inj Volume  : 2 µl
=====

```

```

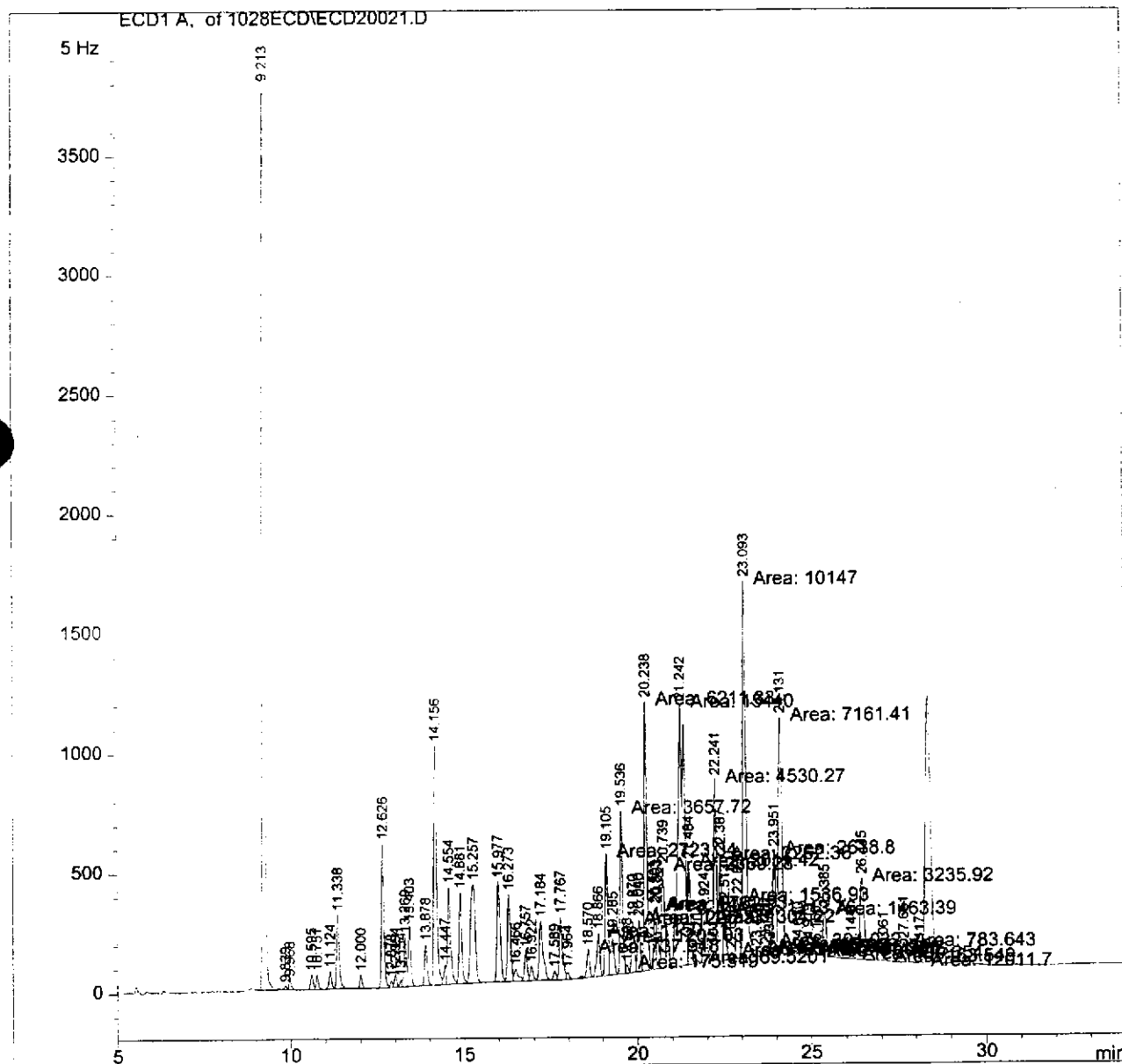
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                (modified after loading)

```

```

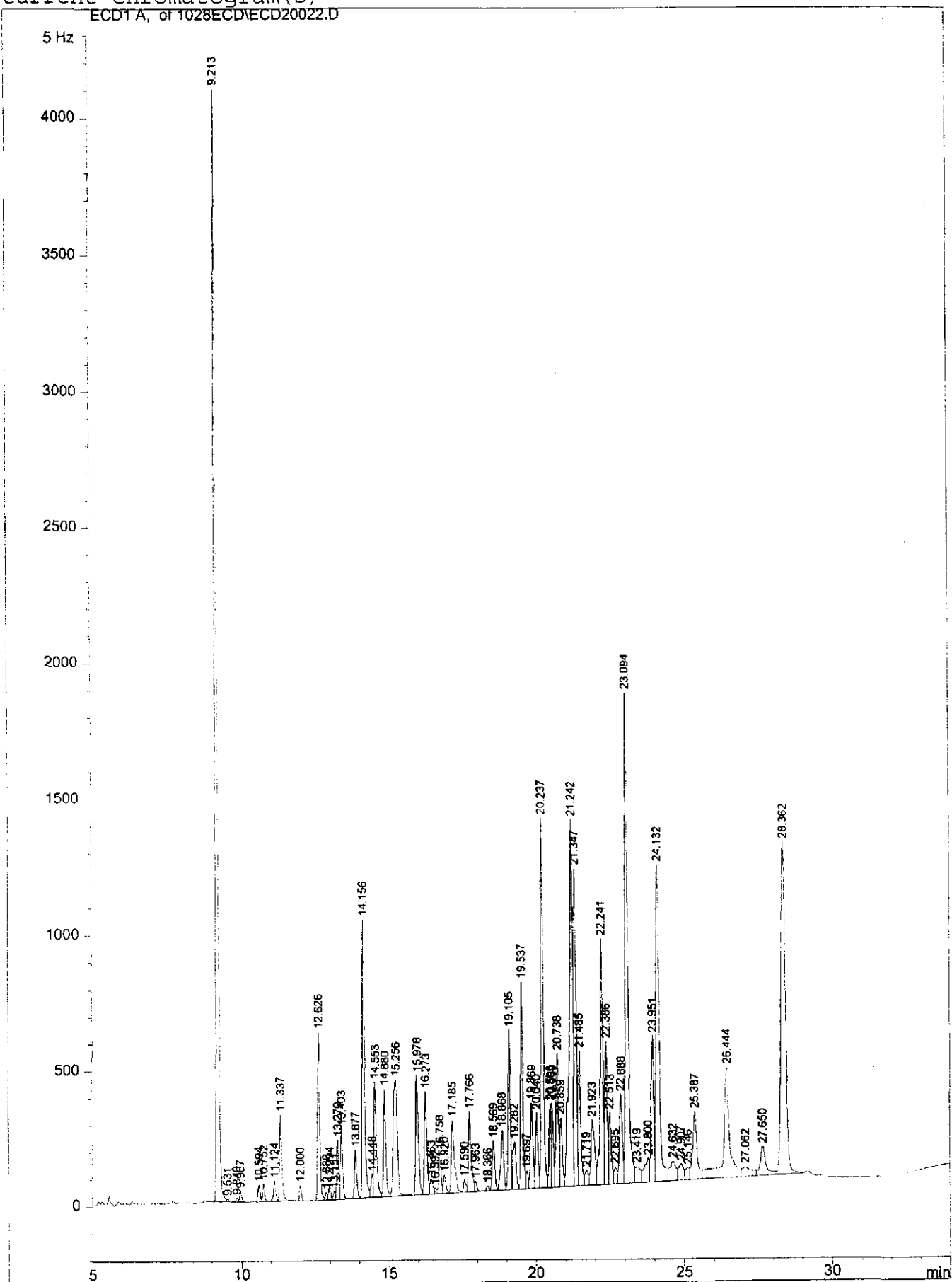
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====

```

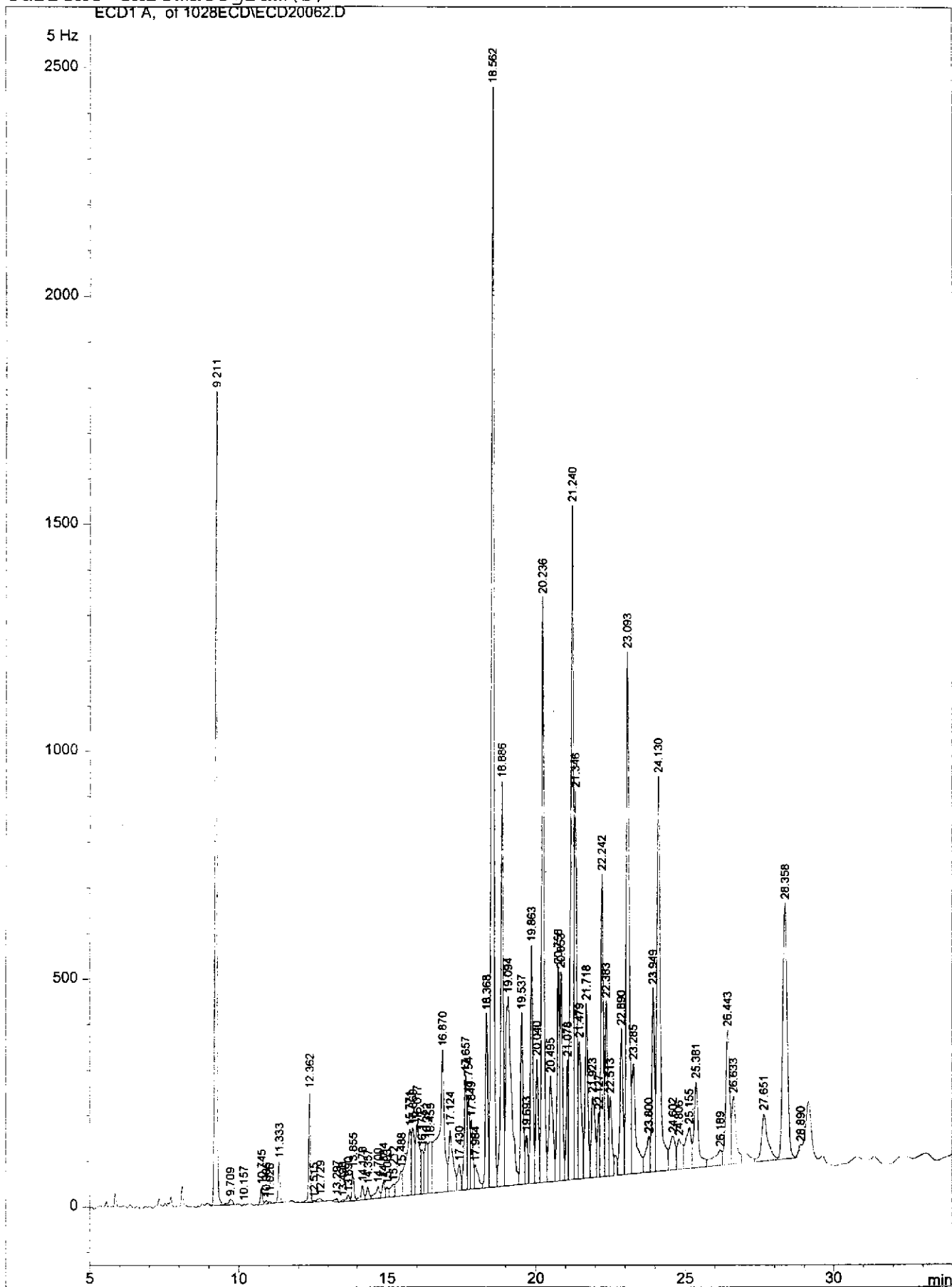


Current Chromatogram(s)

ECD1 A, or 1028ECD\ECD20022.D



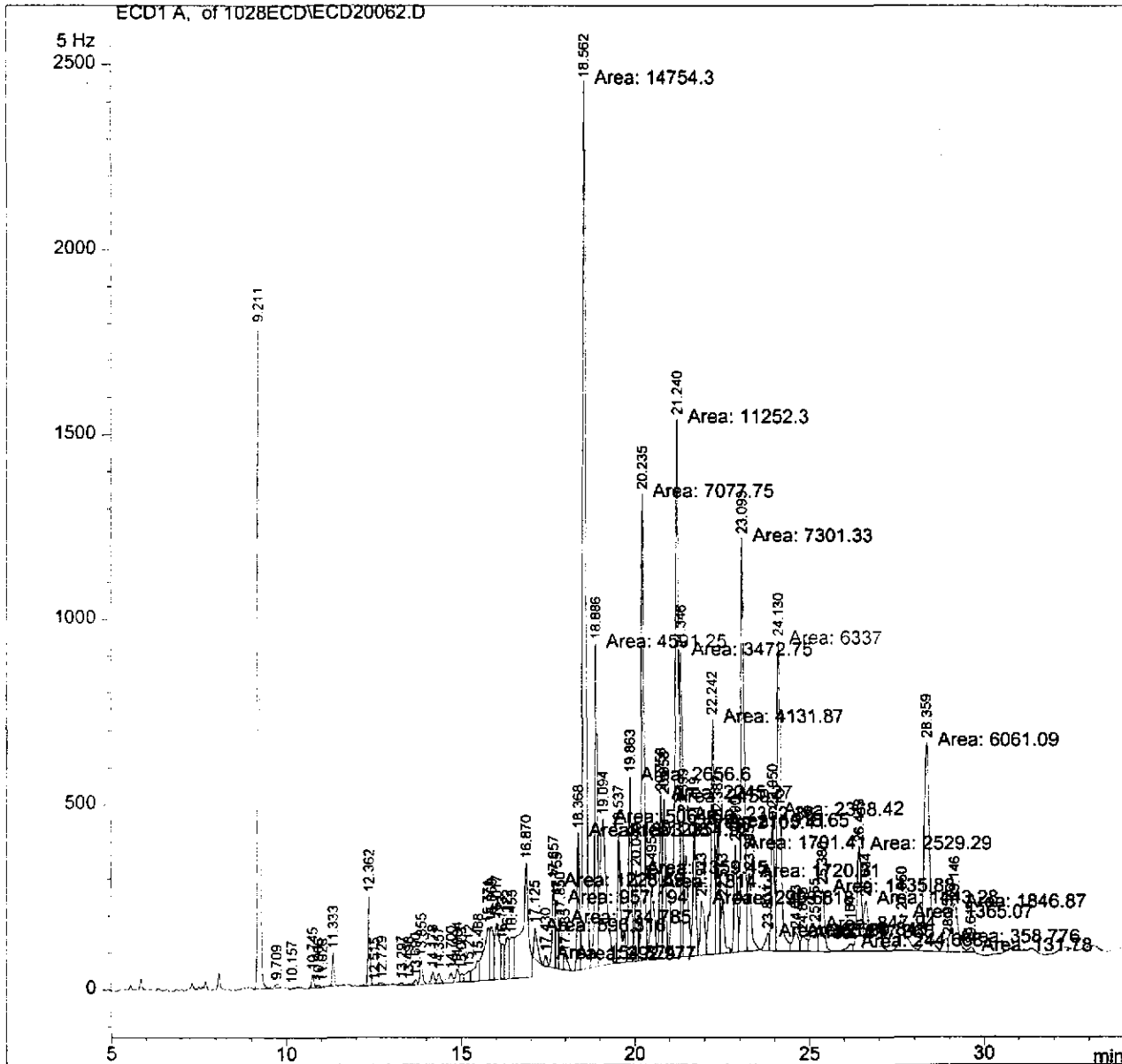
Current Chromatogram(s)



=====
Injection Date : 10/30/00 9:10:47 PM Seq. Line : 62
Sample Name : 205493-36 *2* Vial : 62
Acq. Operator : ROG Inj : 1
 Inj Volume : 2 µl

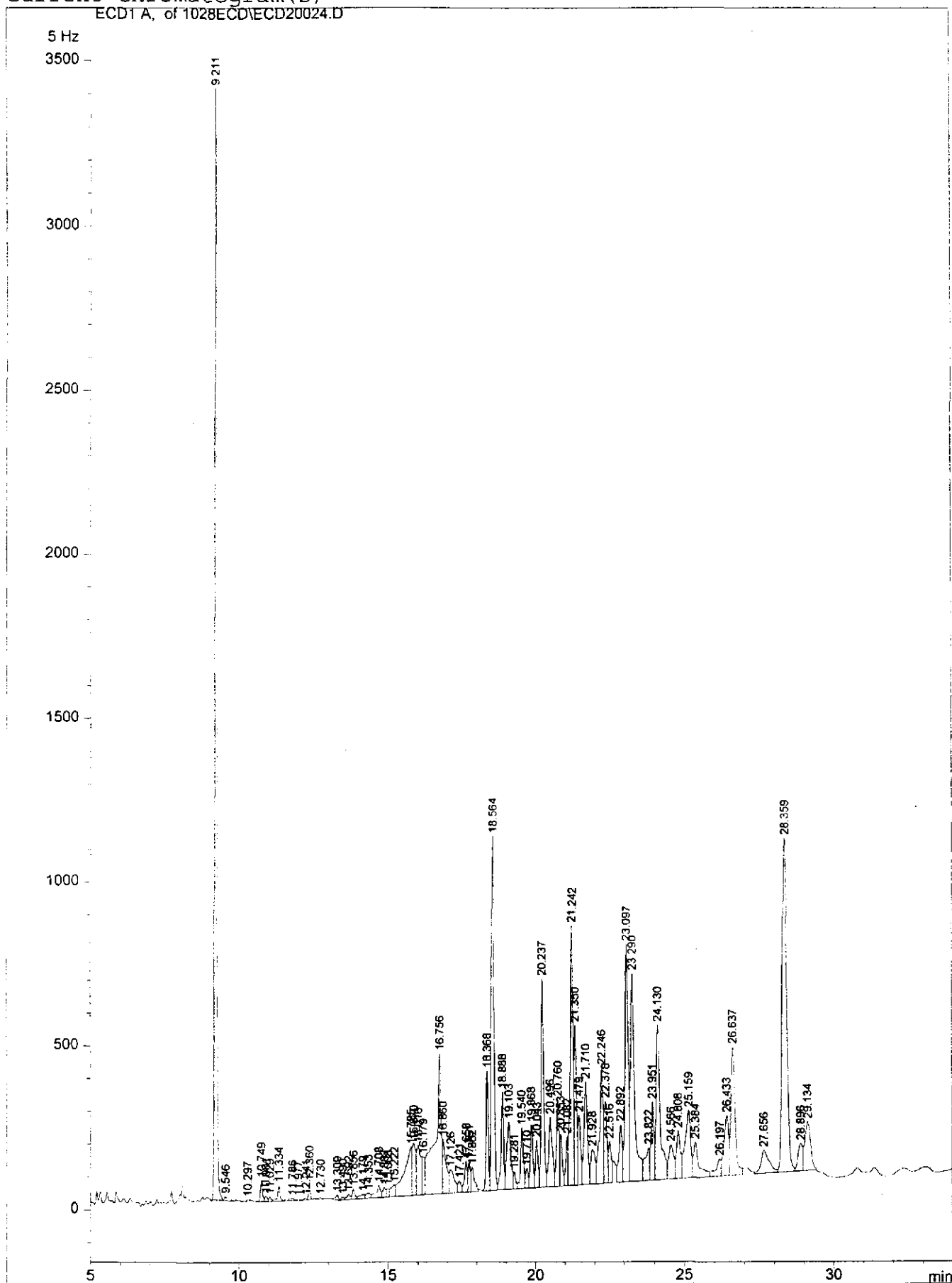
Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed : 10/28/00 10:24:55 AM
(modified after loading)

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====



Current Chromatogram(s)

ECD1 A, of 1028ECD\ECD20024.D



```

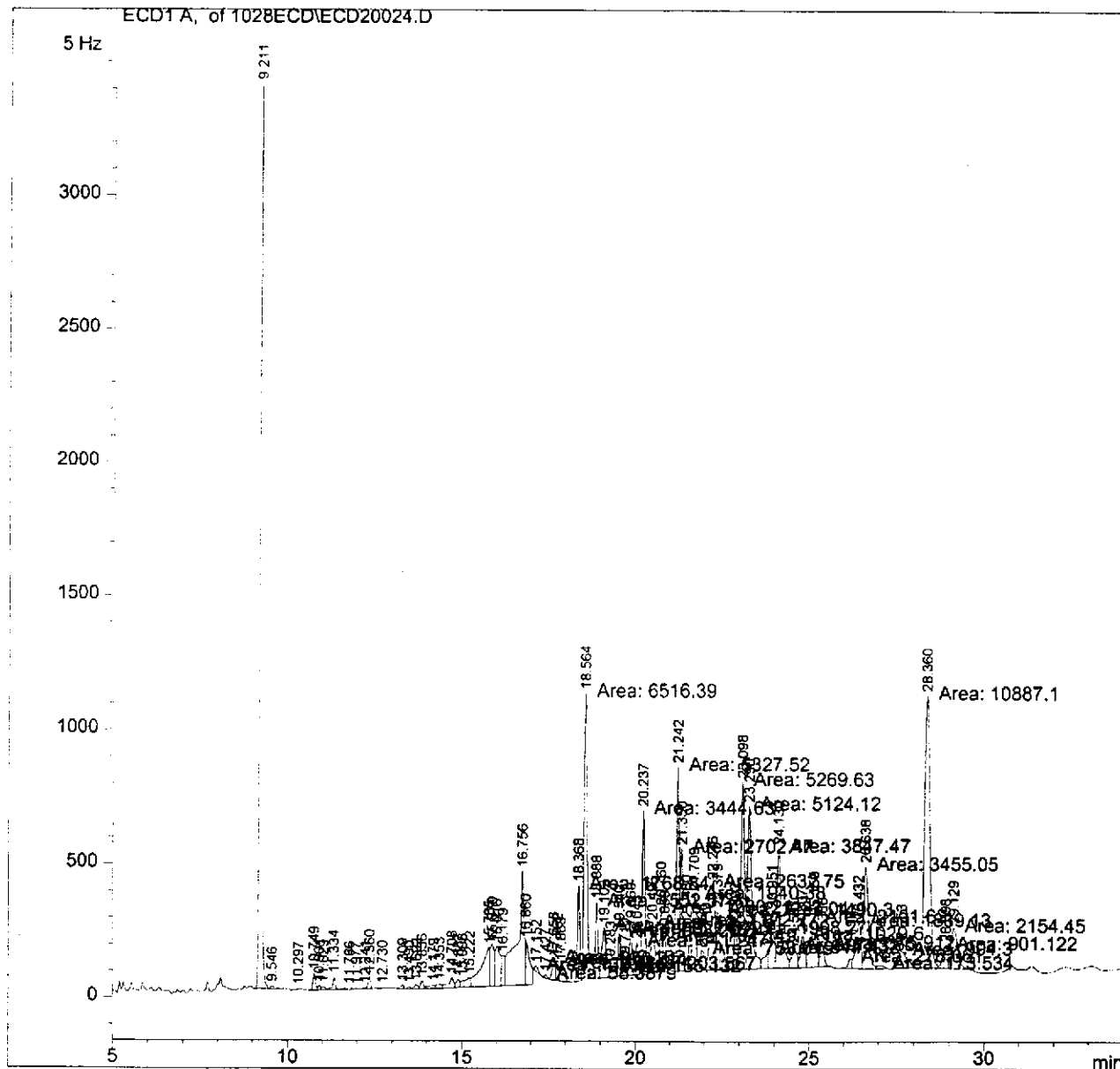
=====
Injection Date   : 10/29/00 8:14:56 PM           Seq. Line :   24
Sample Name     : 205493-37                     Vial      :   24
Acq. Operator   : ROG                           Inj       :    1
                                                    Inj Volume: 2 µl
    
```

```

Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                  (modified after loading)
    
```

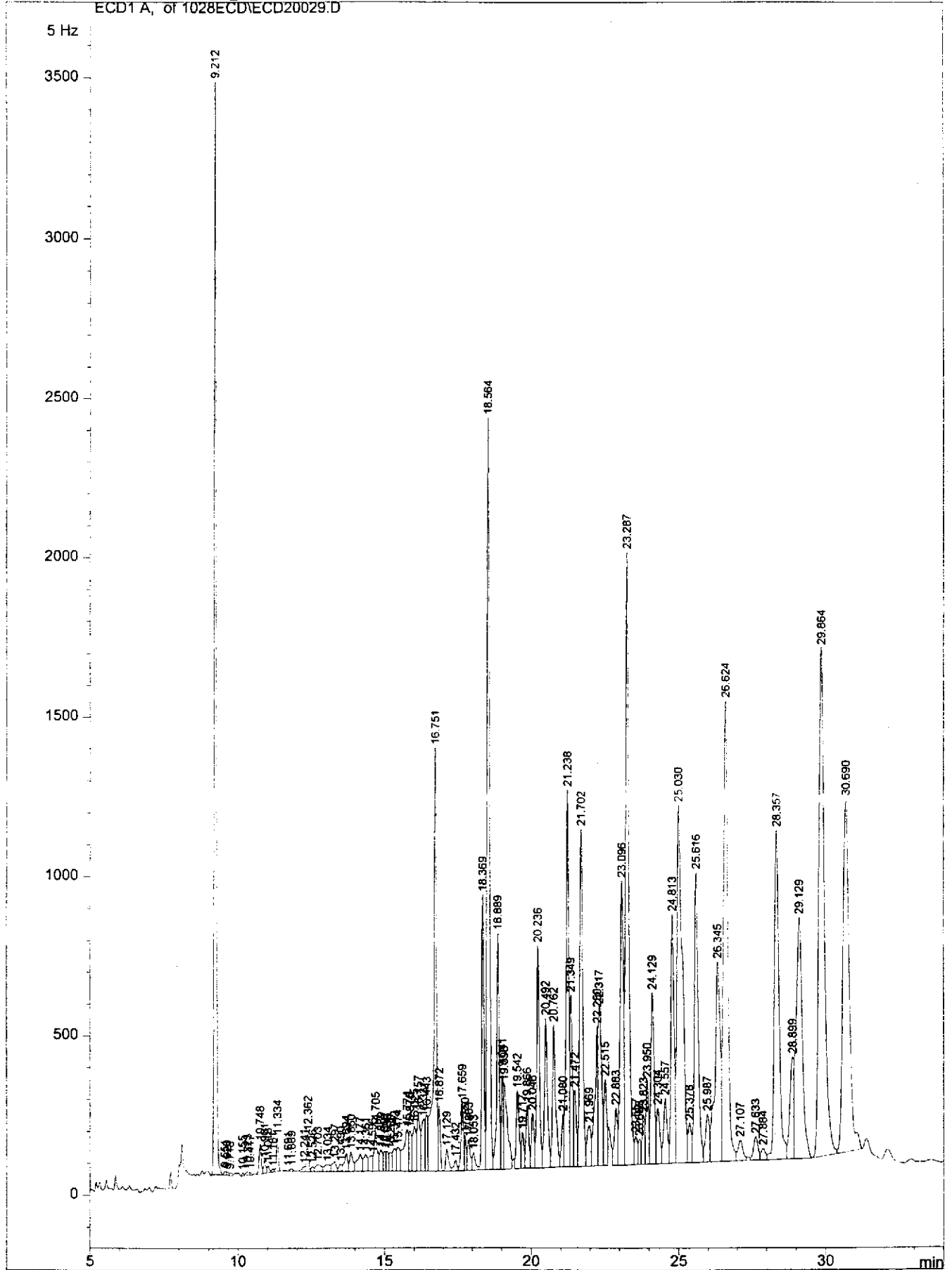
```

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====
    
```



Current Chromatogram(s)

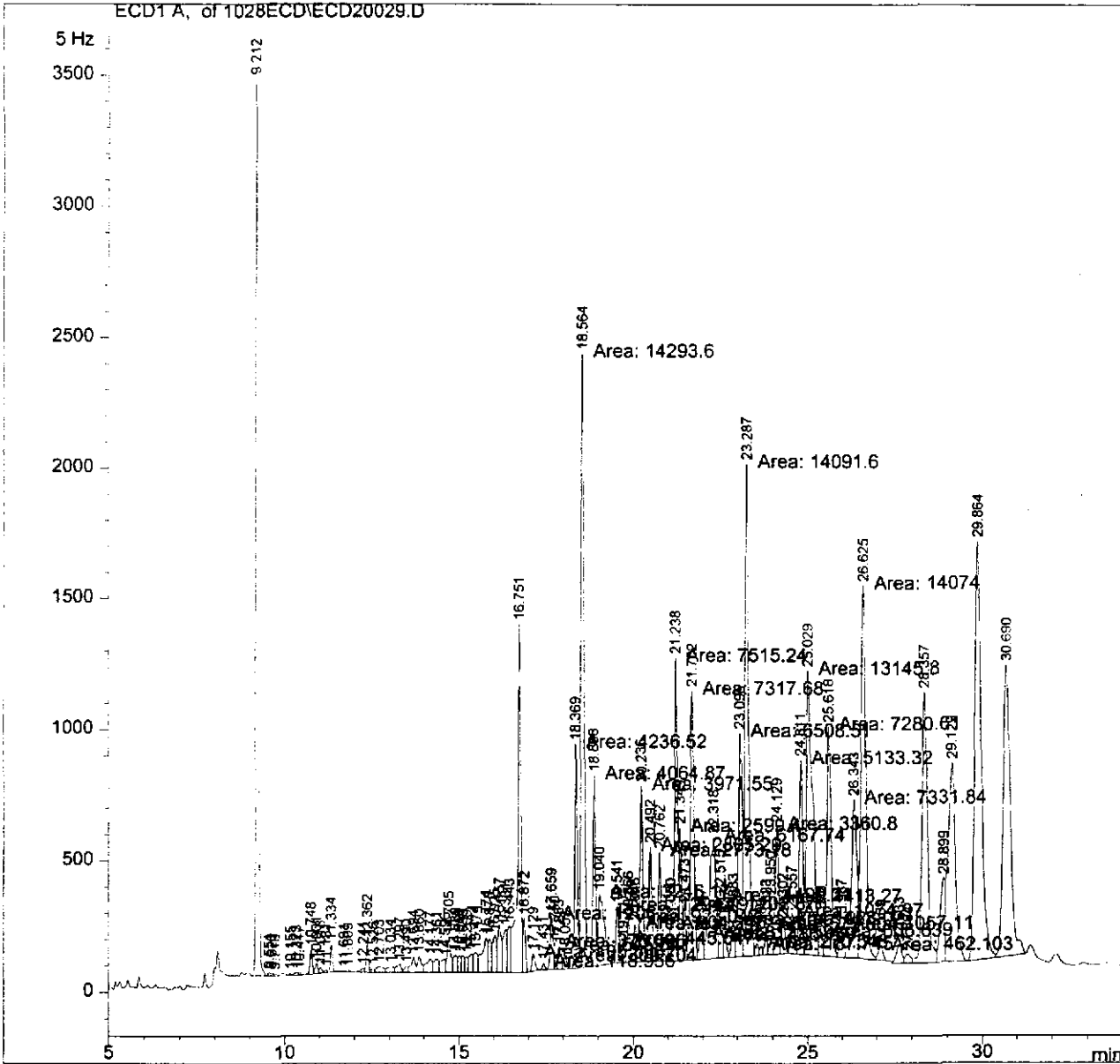
ECD1 A, of 1028ECD\ECD20029.D



=====
Injection Date : 10/29/00 11:18:53 PM Seq. Line : 29
Sample Name : 205493-38 Vial : 29
Acq. Operator : ROG Inj : 1
 Inj Volume : 2 µl

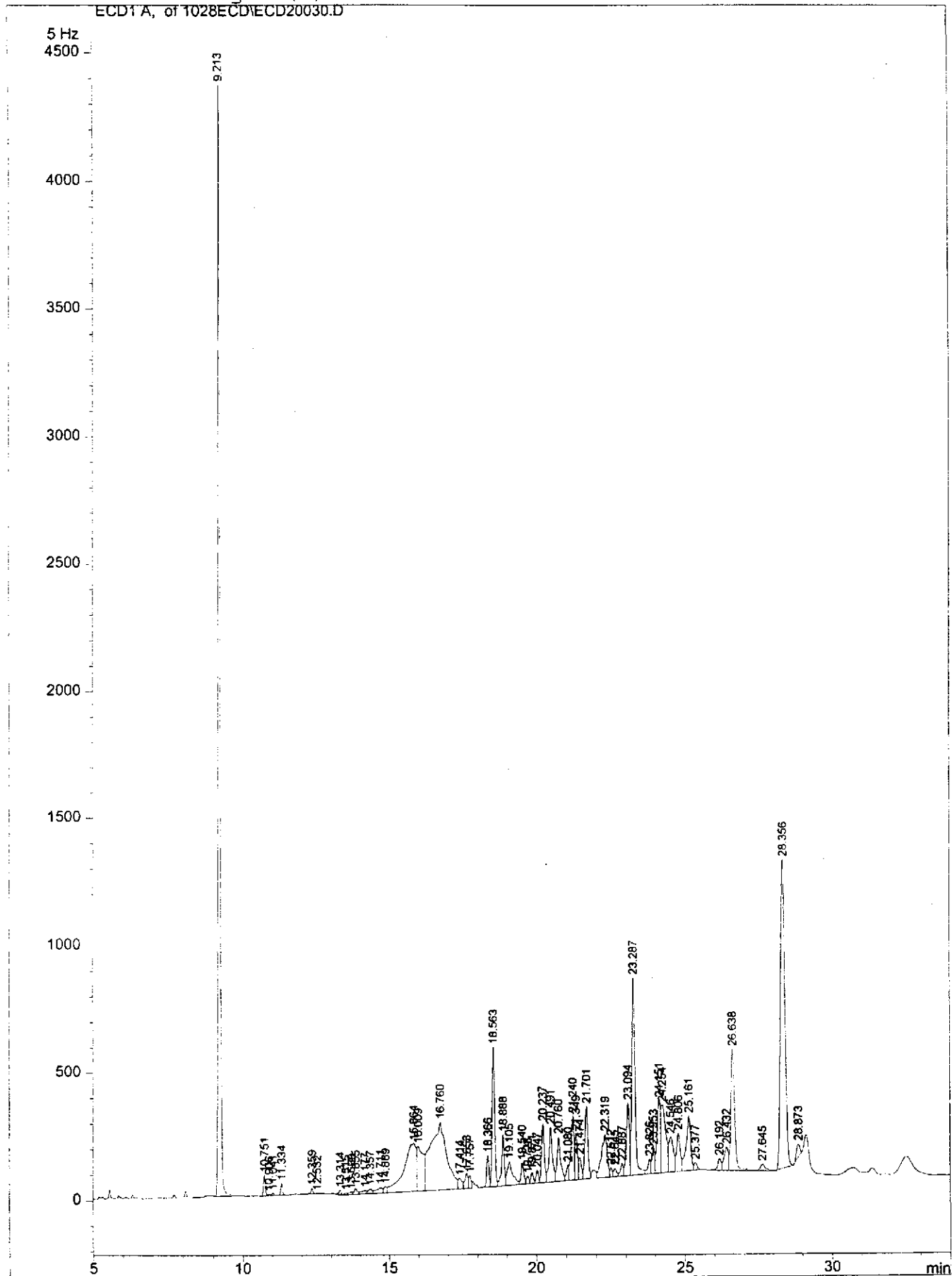
Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed : 10/31/00 1:37:56 PM
(modified after loading)

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====



Current Chromatogram(s)

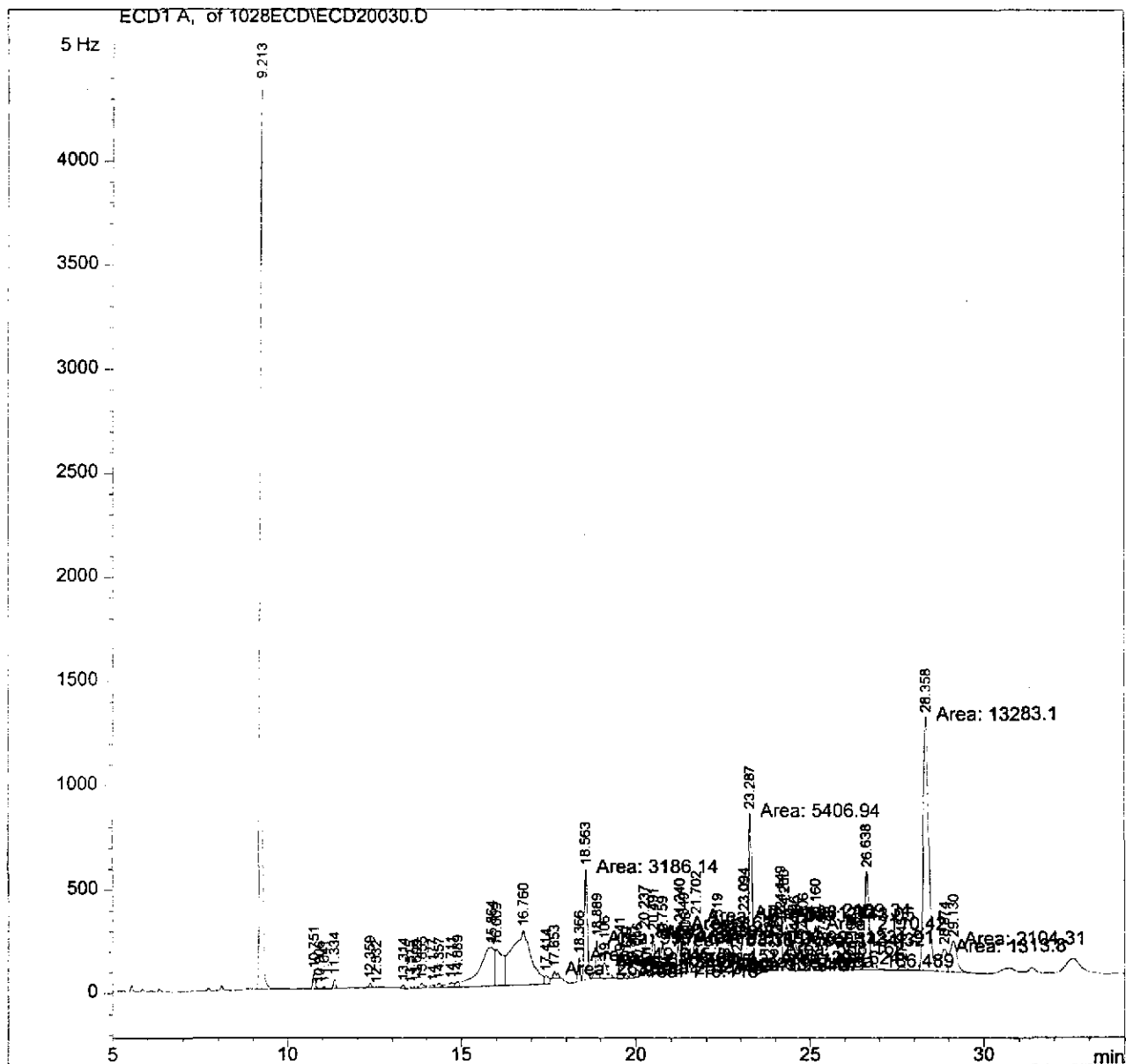
ECD1 A, of 1028ECD1ECD20030.D



```
=====  
Injection Date   : 10/29/00 11:55:50 PM      Seq. Line   :   30  
Sample Name     : 205493-39                  Vial        :   30  
Acq. Operator   : ROG                        Inj         :    1  
                                           Inj Volume  : 2 µl  
=====
```

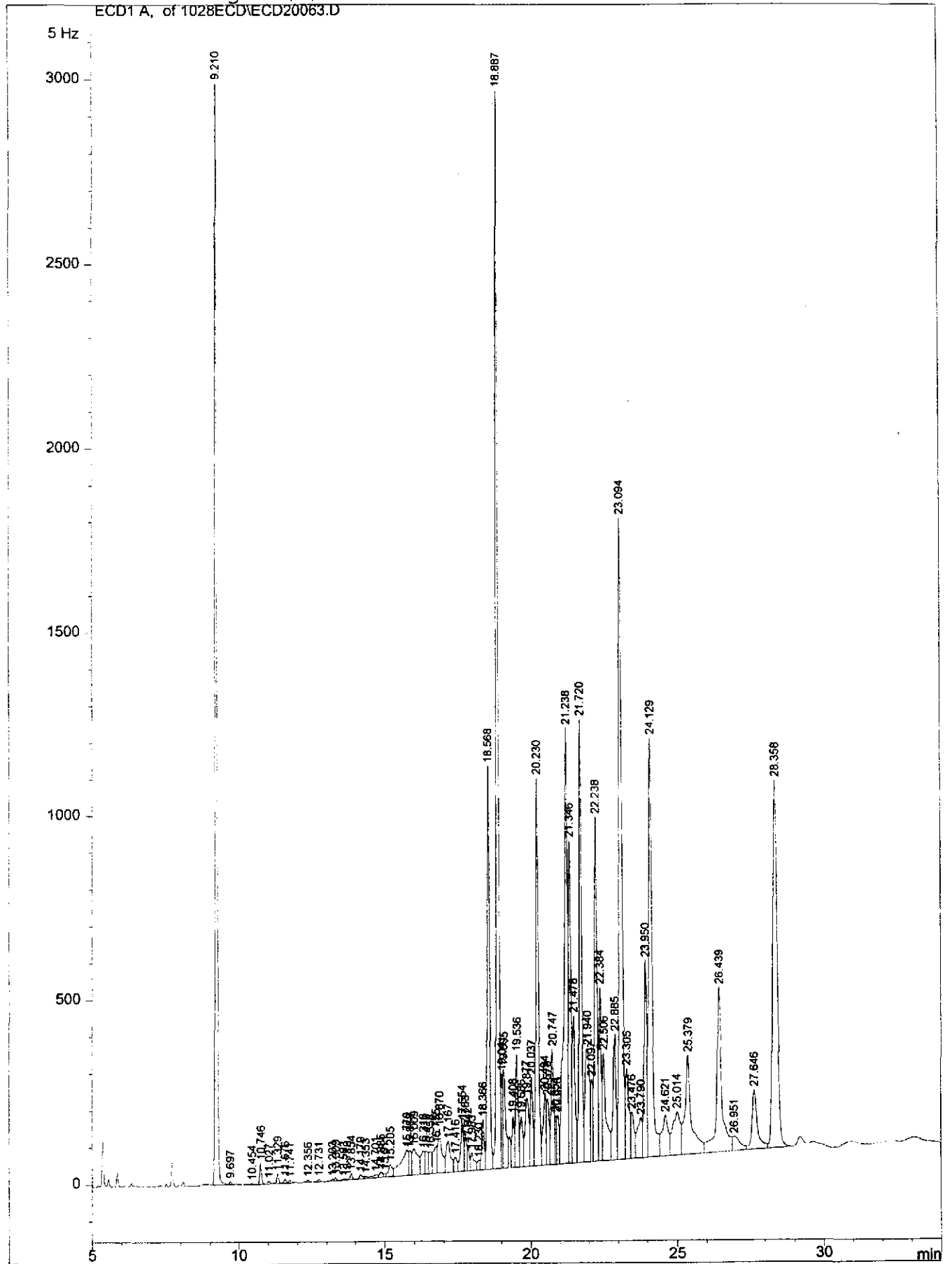
```
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M  
Last changed    : 10/19/00 6:45:34 PM by ROG  
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M  
Last changed    : 10/31/00 1:37:56 PM  
                  (modified after loading)
```

```
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl  
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE  
EQUIVALENT AS OF THIS DATE)  
=====
```



Current Chromatogram(s)

ECD1 A, of 1028ECD\VECD20063.D

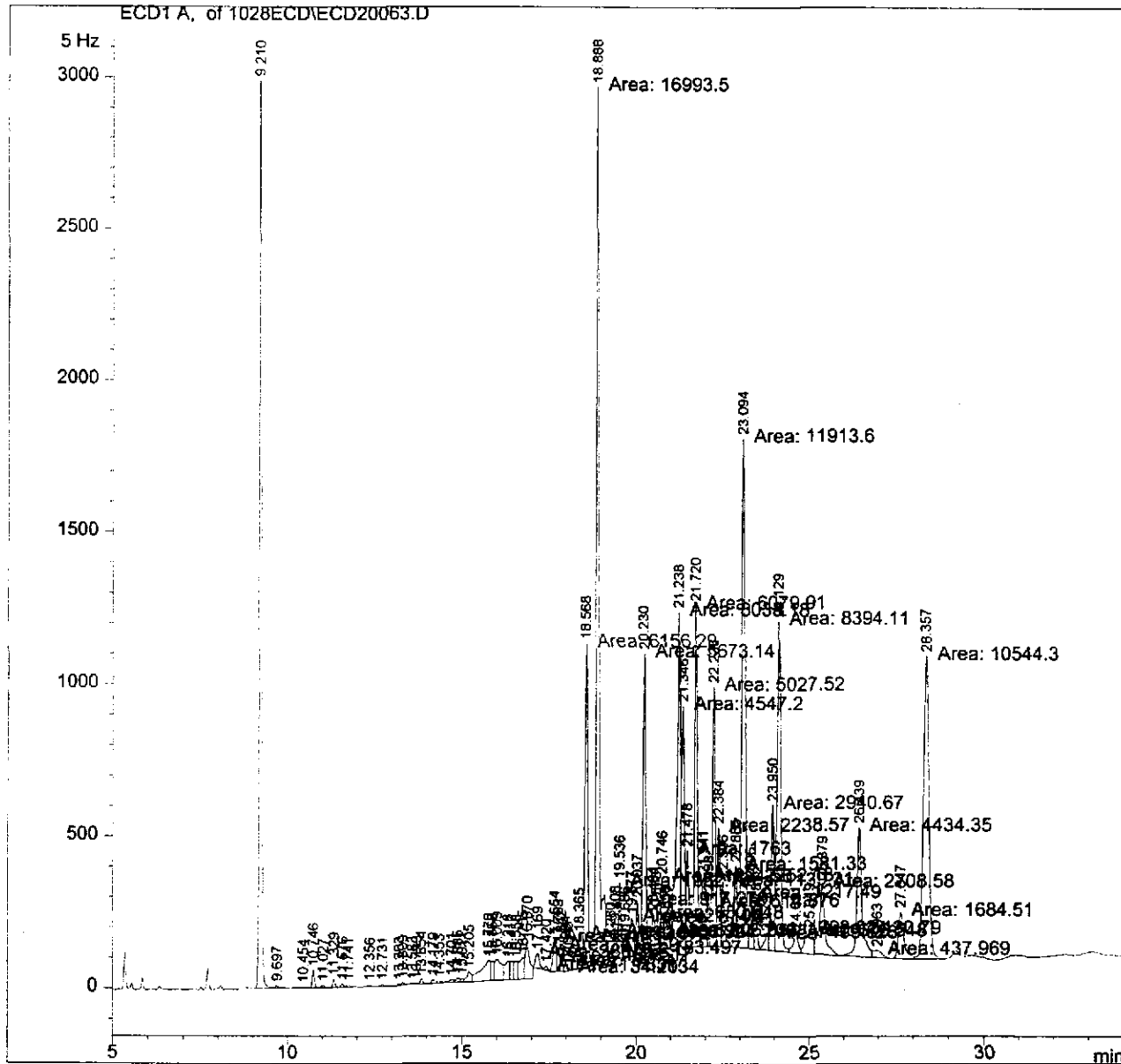


=====
Injection Date : 10/30/00 9:47:40 PM
Sample Name : 205493-40
Acq. Operator : ROG

Seq. Line : 63
Vial : 63
Inj : 1
Inj Volume : 2 µl

Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed : 10/28/00 10:24:55 AM
(modified after loading)

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)



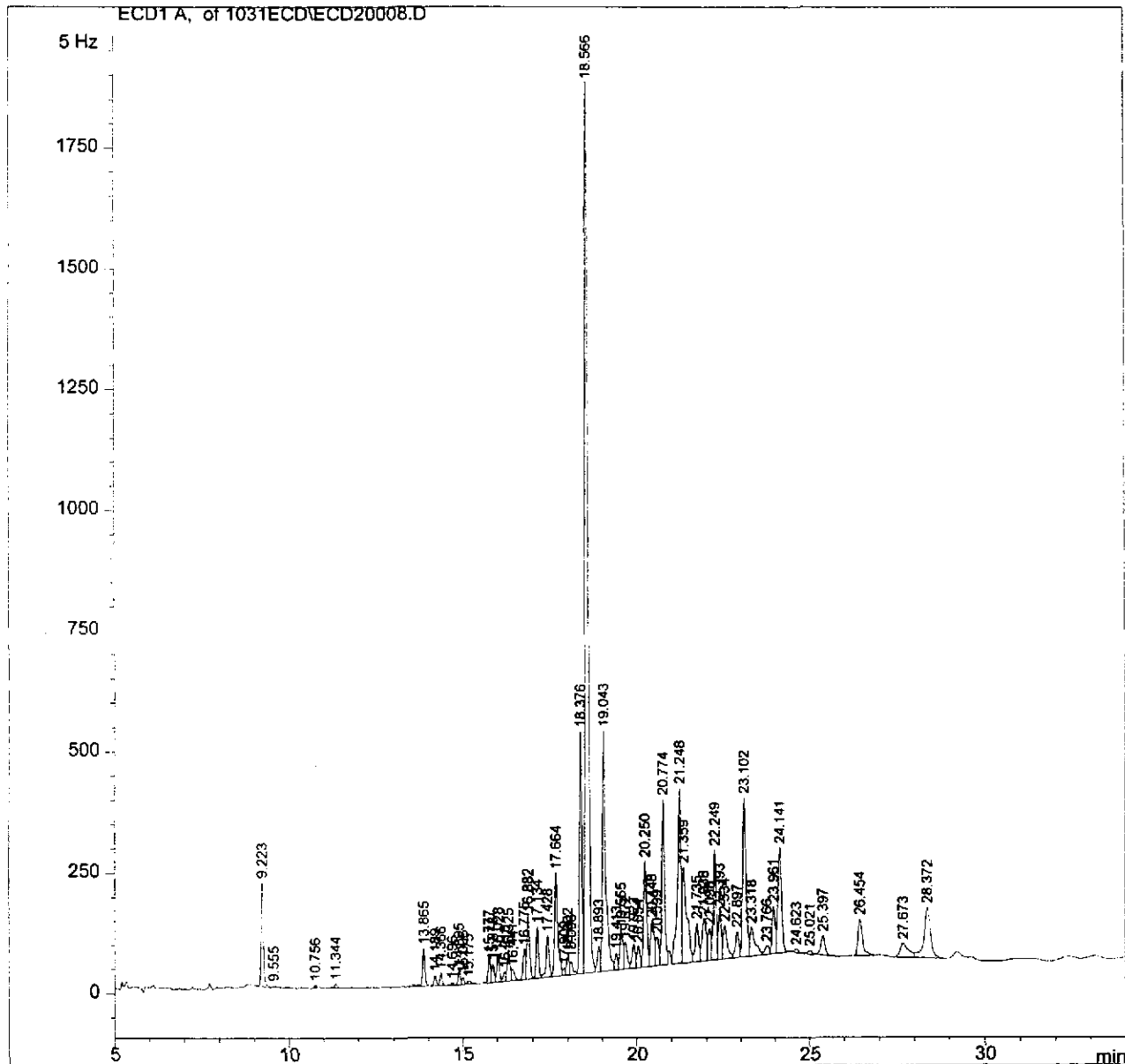

```

=====
Injection Date   : 10/31/00 1:35:12 PM           Seq. Line   :    8
Sample Name     : 205493-42 *10*                Vial        :    8
Acq. Operator   : ROG                           Inj         :    1
                                                    Inj Volume  : 2 µl
    
```

```

Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                  (modified after loading)
    
```

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
 INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
 EQUIVALENT AS OF THIS DATE)



Current Chromatogram(s)

ECD1A, of 1031ECD\ECD20009.D

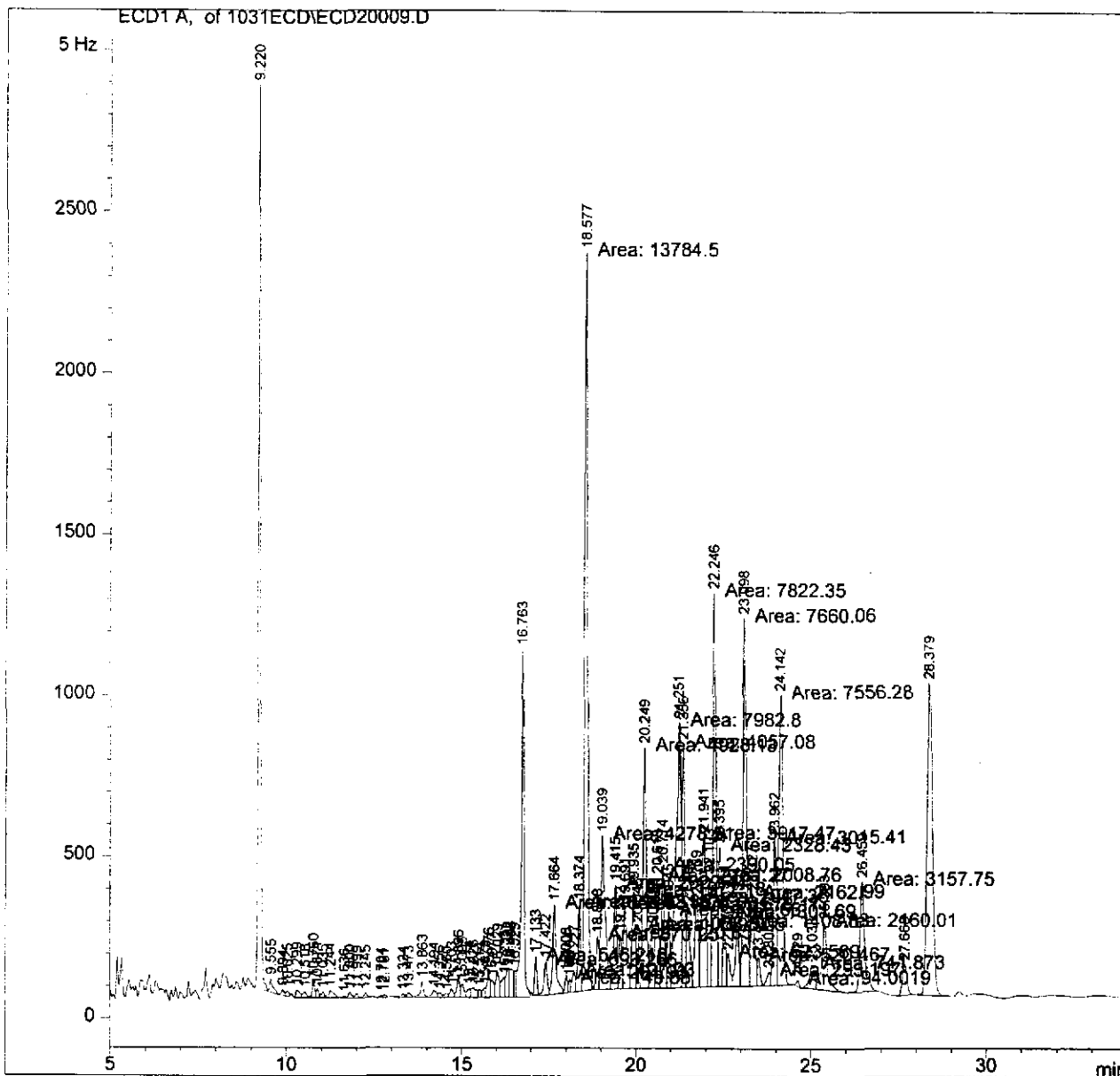


=====
 Injection Date : 10/31/00 2:12:08 PM
 Sample Name : 205493-43
 Acq. Operator : ROG

Seq. Line : 9
 Vial : 9
 Inj : 1
 Inj Volume : 2 µl

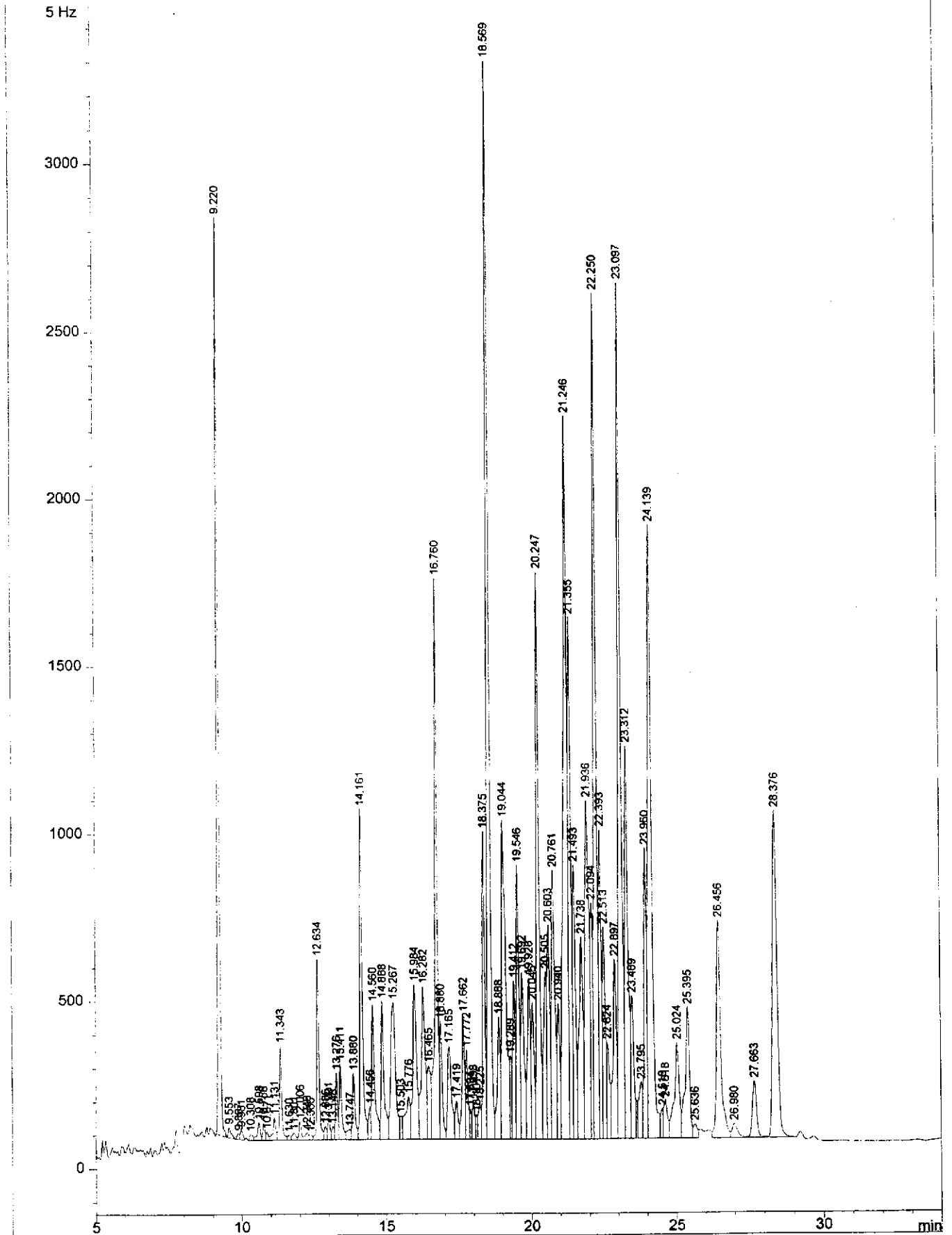
Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
 Last changed : 10/19/00 6:45:34 PM by ROG
 Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
 Last changed : 10/31/00 1:37:56 PM
 (modified after loading)

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
 INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
 EQUIVALENT AS OF THIS DATE)



Current Chromatogram(s)

ECD1 A, of 1031ECD\ECD20010.D



```

=====
Injection Date   : 10/31/00 2:49:04 PM           Seq. Line   : 10
Sample Name     : 205493-43 MS                   Vial        : 10
Acq. Operator   : ROG                           Inj         : 1
                                                    Inj Volume  : 2 µl
=====

```

```

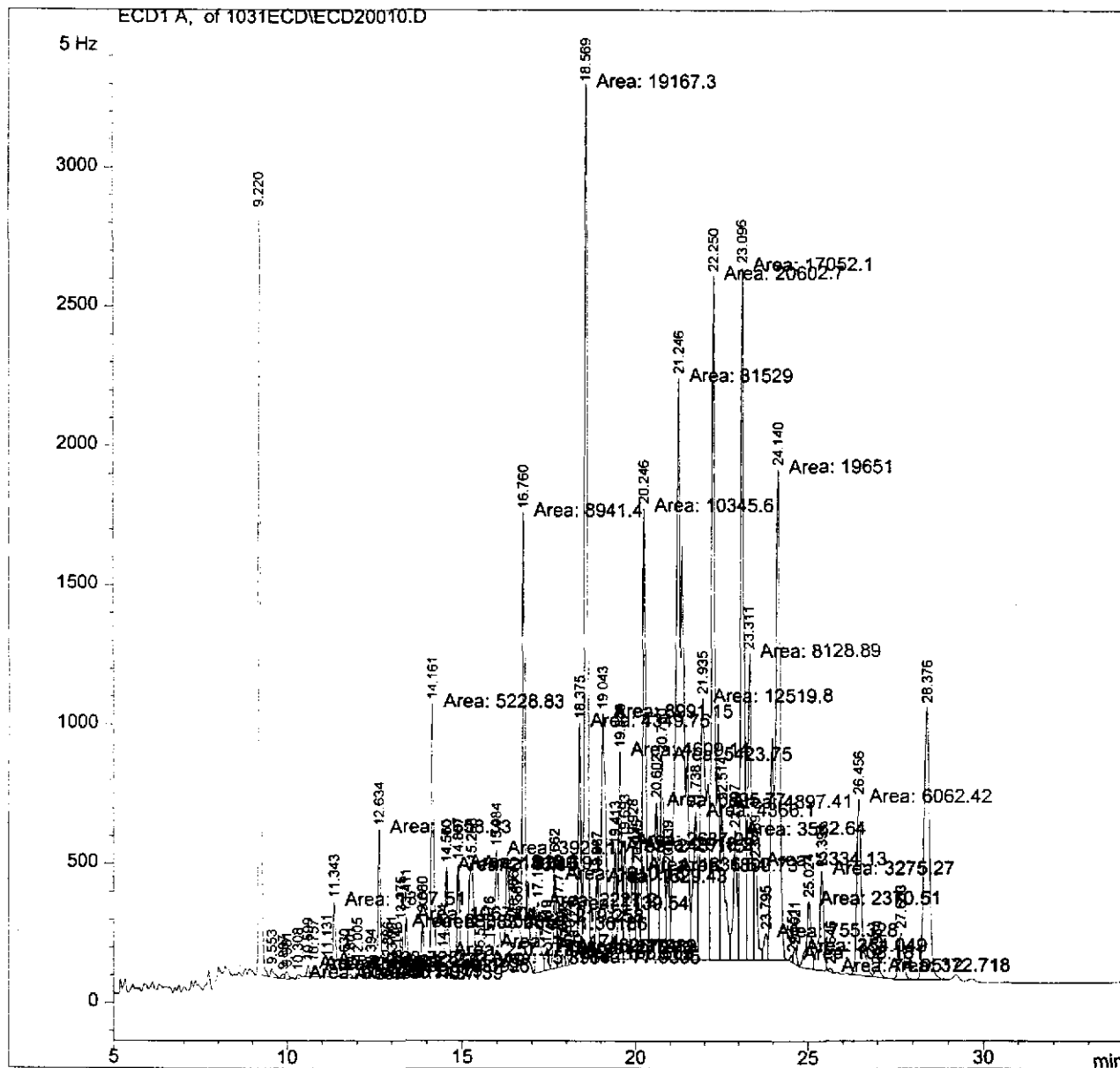
Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                  (modified after loading)

```

```

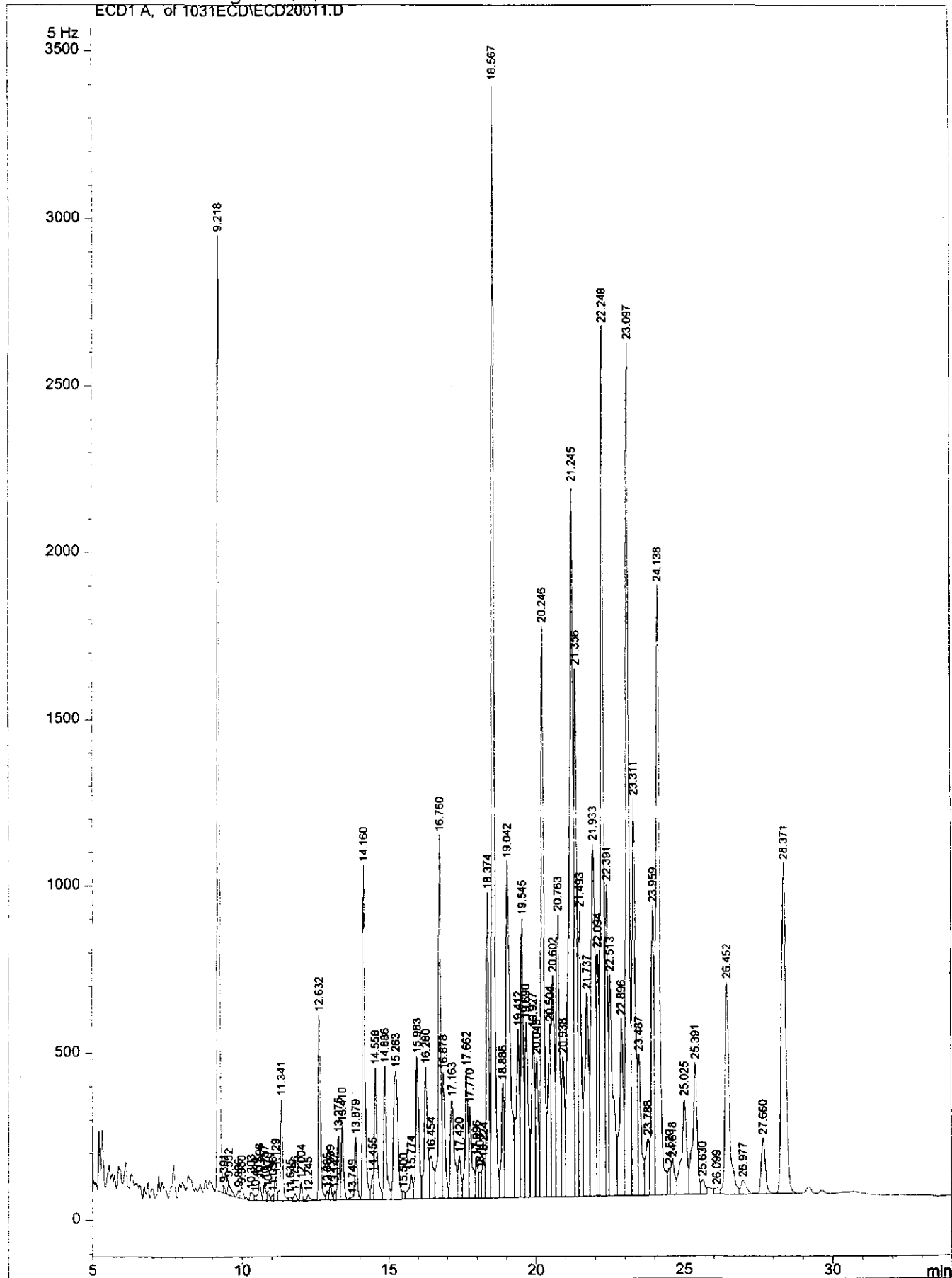
PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====

```



Current Chromatogram(s)

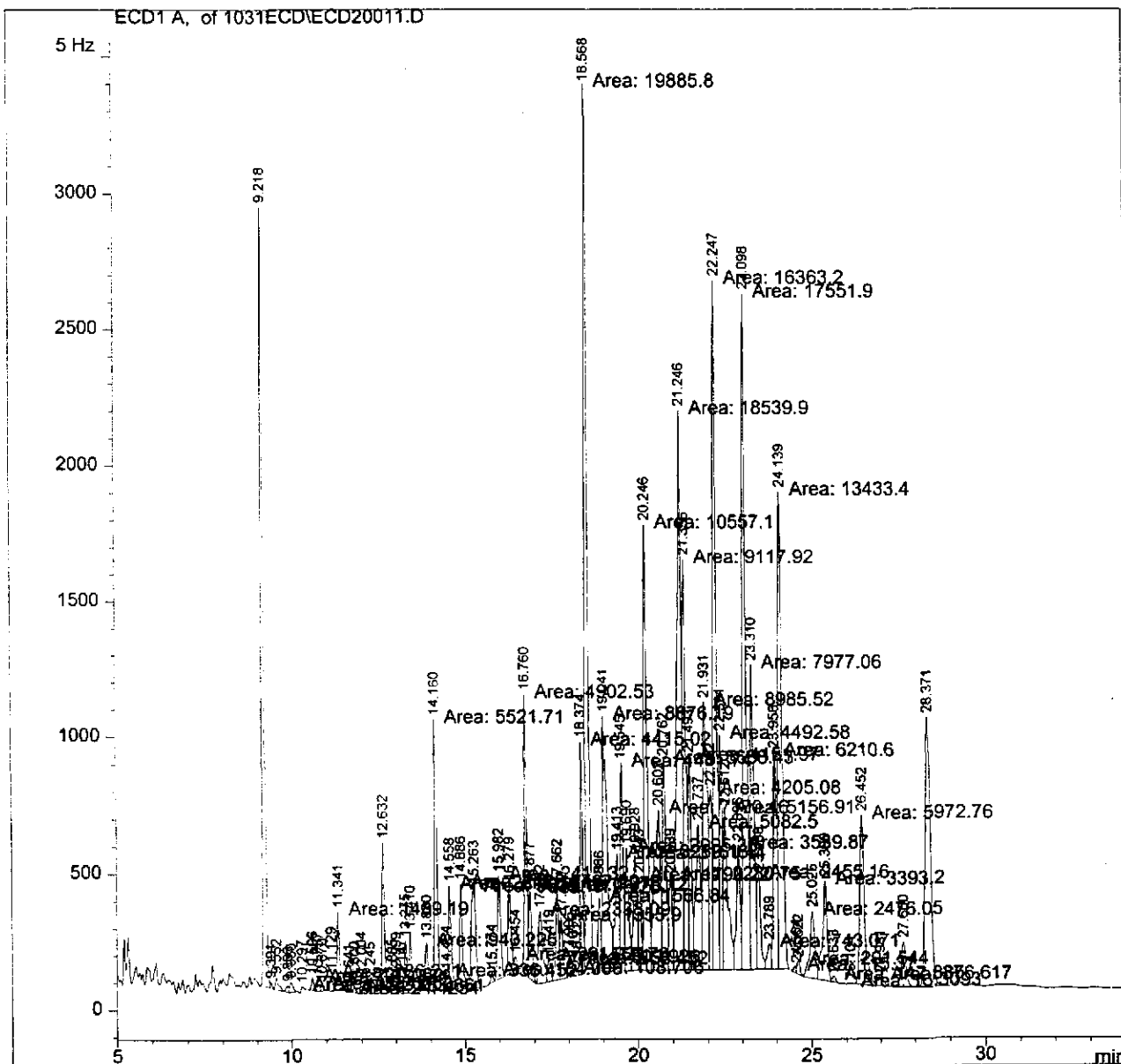
ECD1A, of 1031ECD\ECD20011.D



=====
 Injection Date : 10/31/00 3:26:00 PM Seq. Line : 11
 Sample Name : 205493-43 MSD Vial : 11
 Acq. Operator : ROG Inj : 1
 Inj Volume : 2 µl

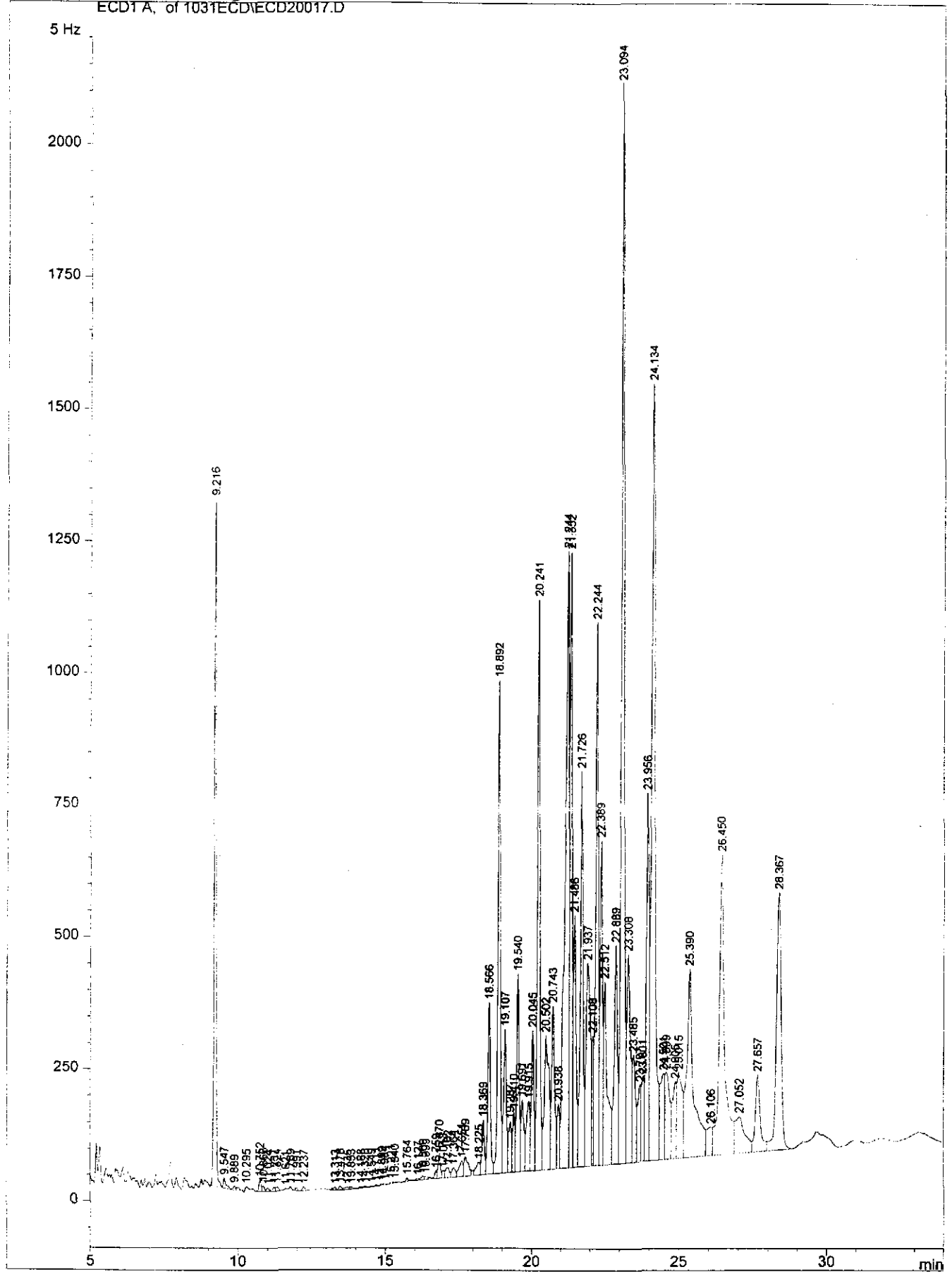
Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
 Last changed : 10/19/00 6:45:34 PM by ROG
 Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
 Last changed : 10/31/00 1:37:56 PM
 (modified after loading)

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
 INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
 EQUIVALENT AS OF THIS DATE)



Current Chromatogram(s)

ECD1A, of 1031ECD\ECD20017.D

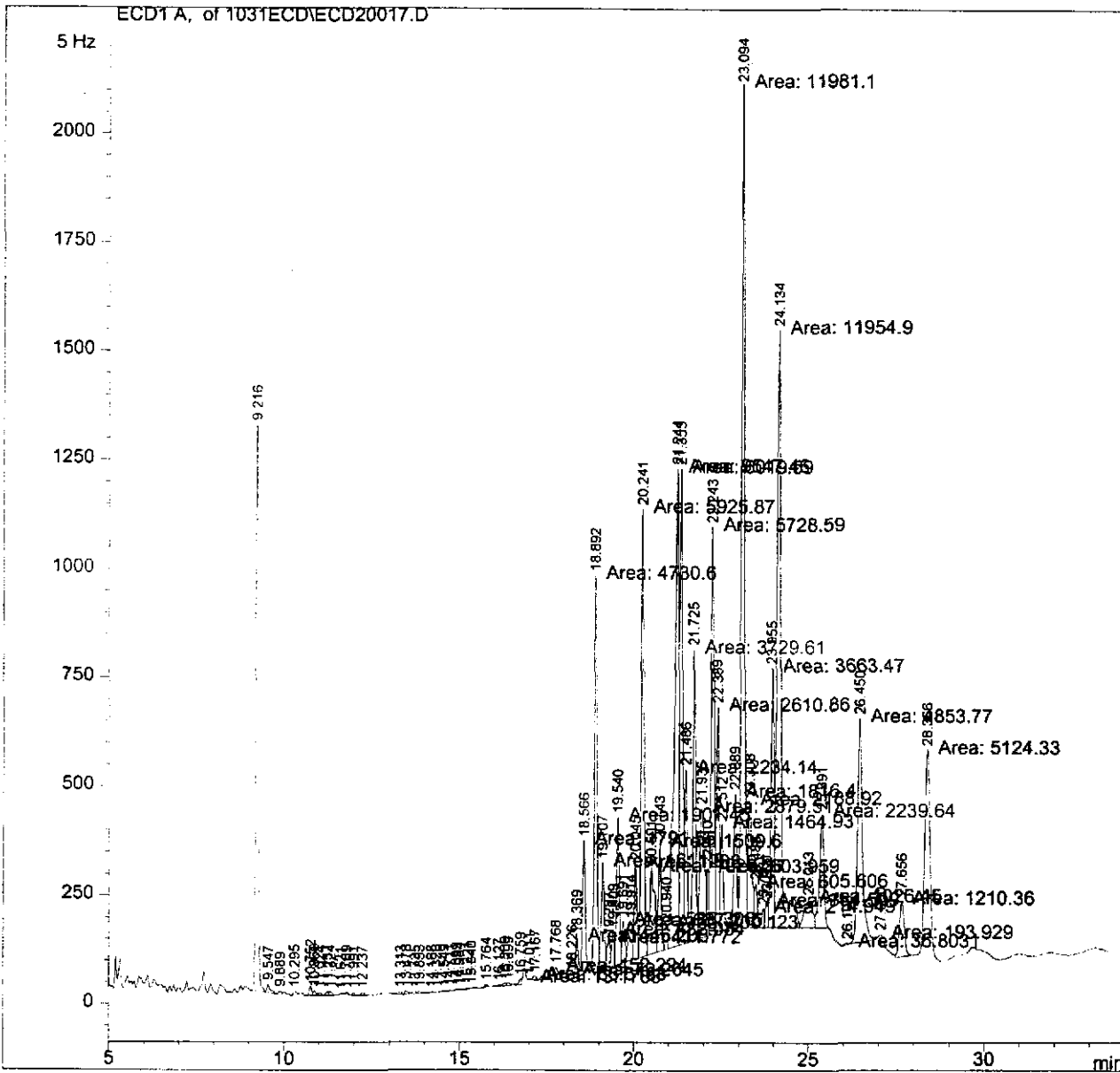


Injection Date : 10/31/00 8:43:03 PM
 Sample Name : 205493-44 *2*
 Acq. Operator : ROG

Seq. Line : 17
 Vial : 17
 Inj : 1
 Inj Volume : 2 µl

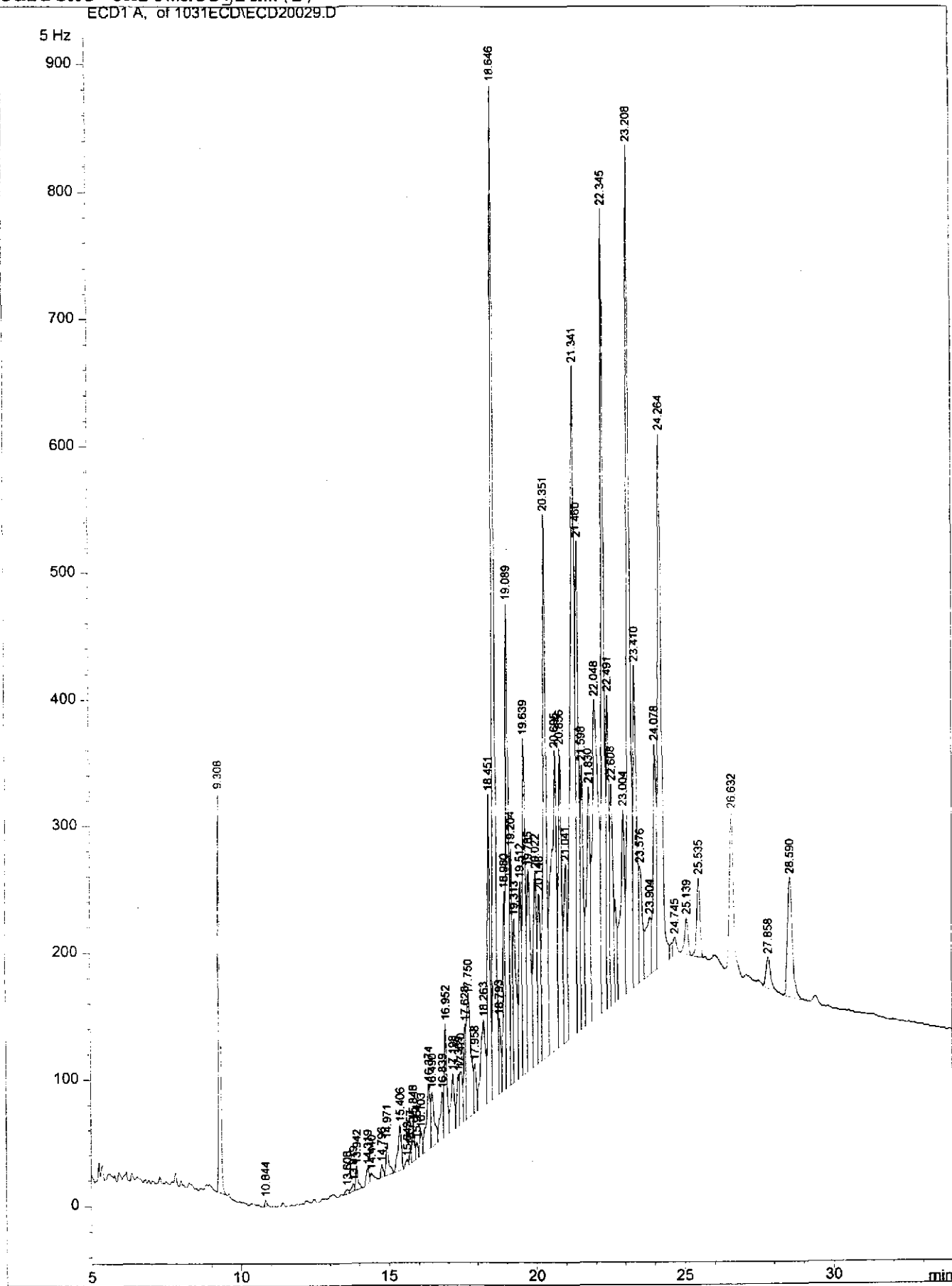
Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
 Last changed : 10/19/00 6:45:34 PM by ROG
 Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
 Last changed : 10/31/00 1:37:56 PM
 (modified after loading)

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
 INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
 EQUIVALENT AS OF THIS DATE)



Current Chromatogram(s)

ECD1 A, of 1031ECD\ECD20029.D

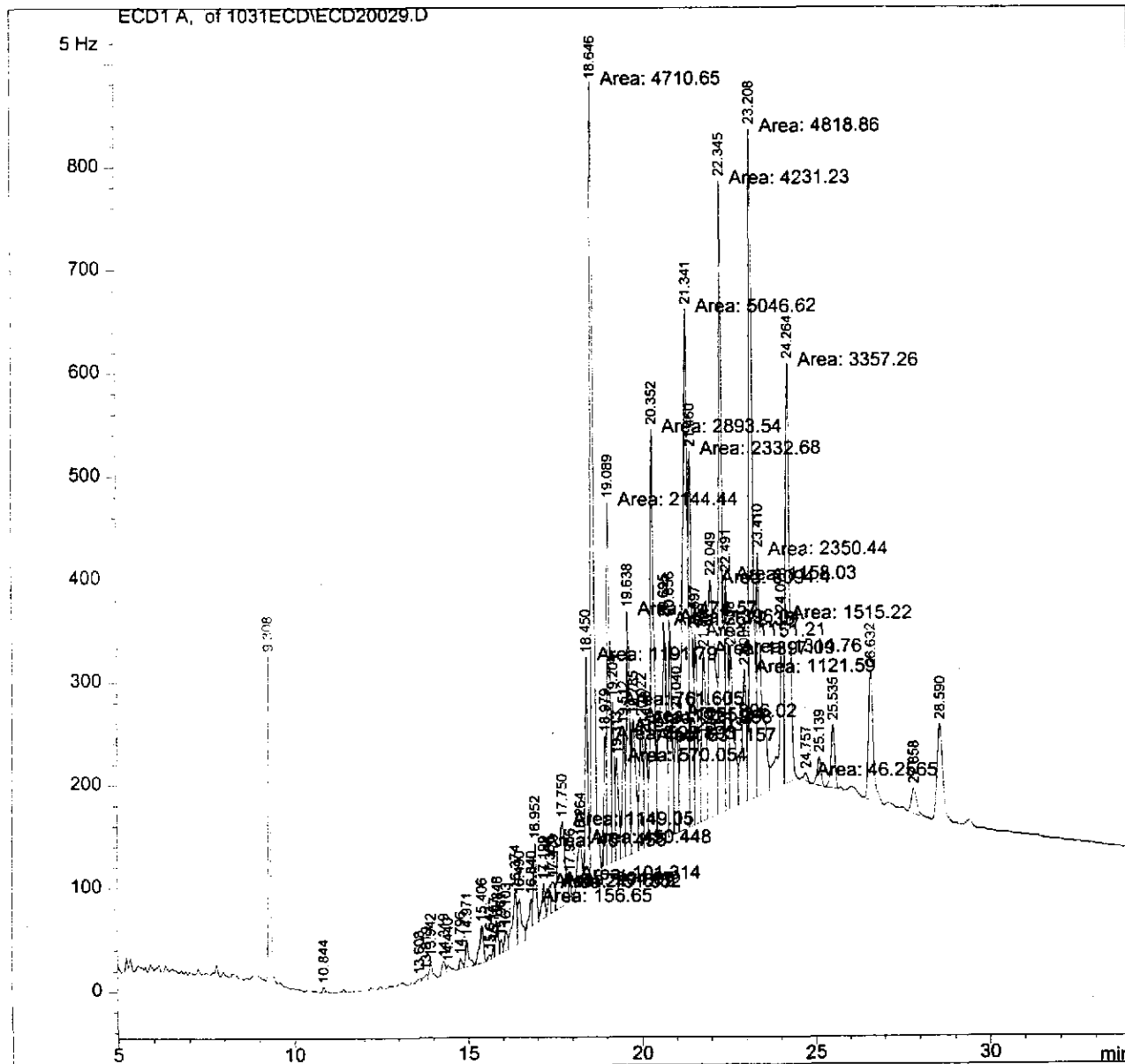


Injection Date : 11/1/00 3:00:56 PM
Sample Name : 205493-45 *10*
Acq. Operator : ROG

Seq. Line : 29
Vial : 29
Inj : 1
Inj Volume : 2 µl

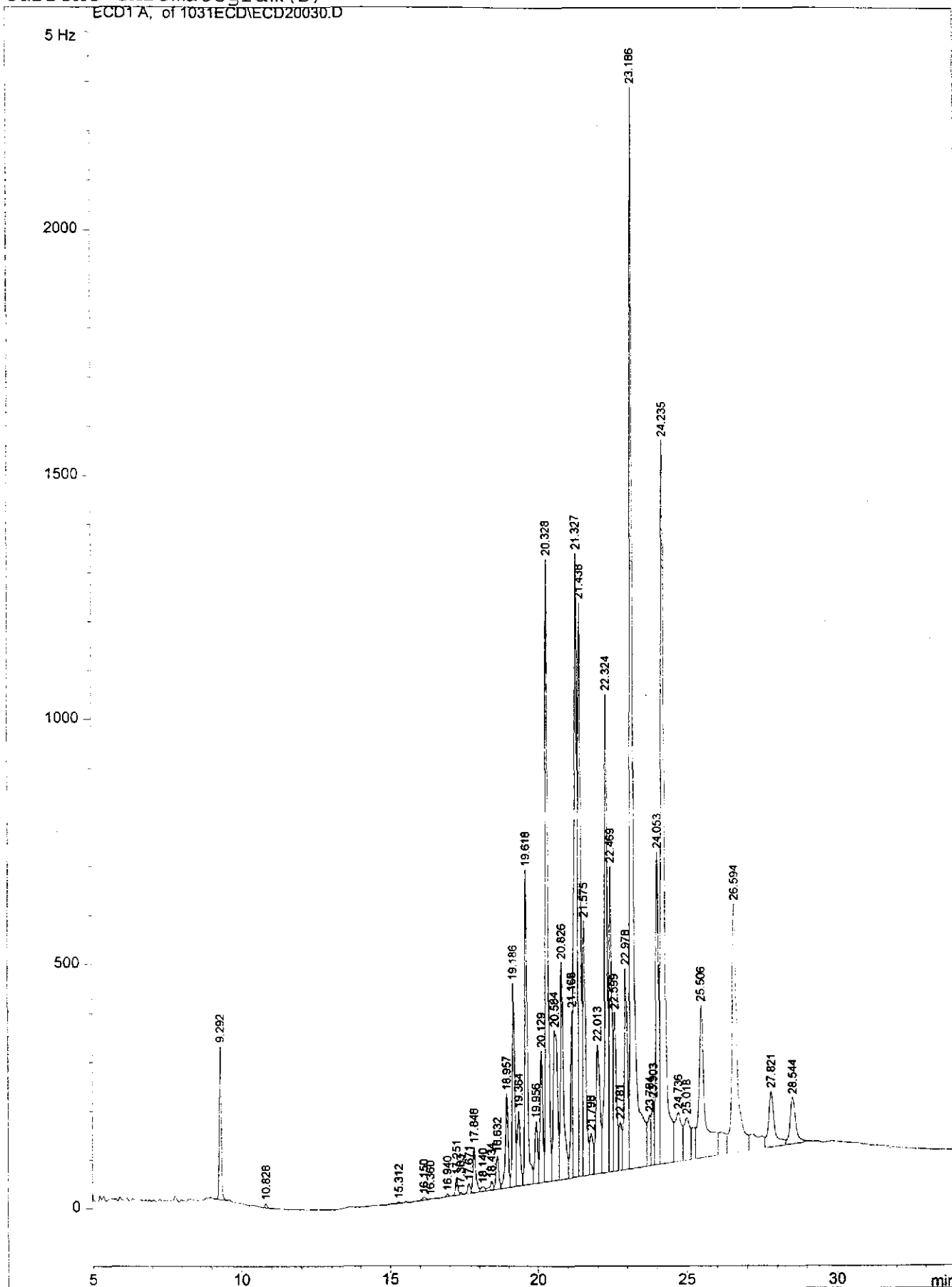
Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed : 10/31/00 1:37:56 PM
(modified after loading)

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)



Current Chromatogram(s)

ECD1A, of 1031ECD\ECD20030.D

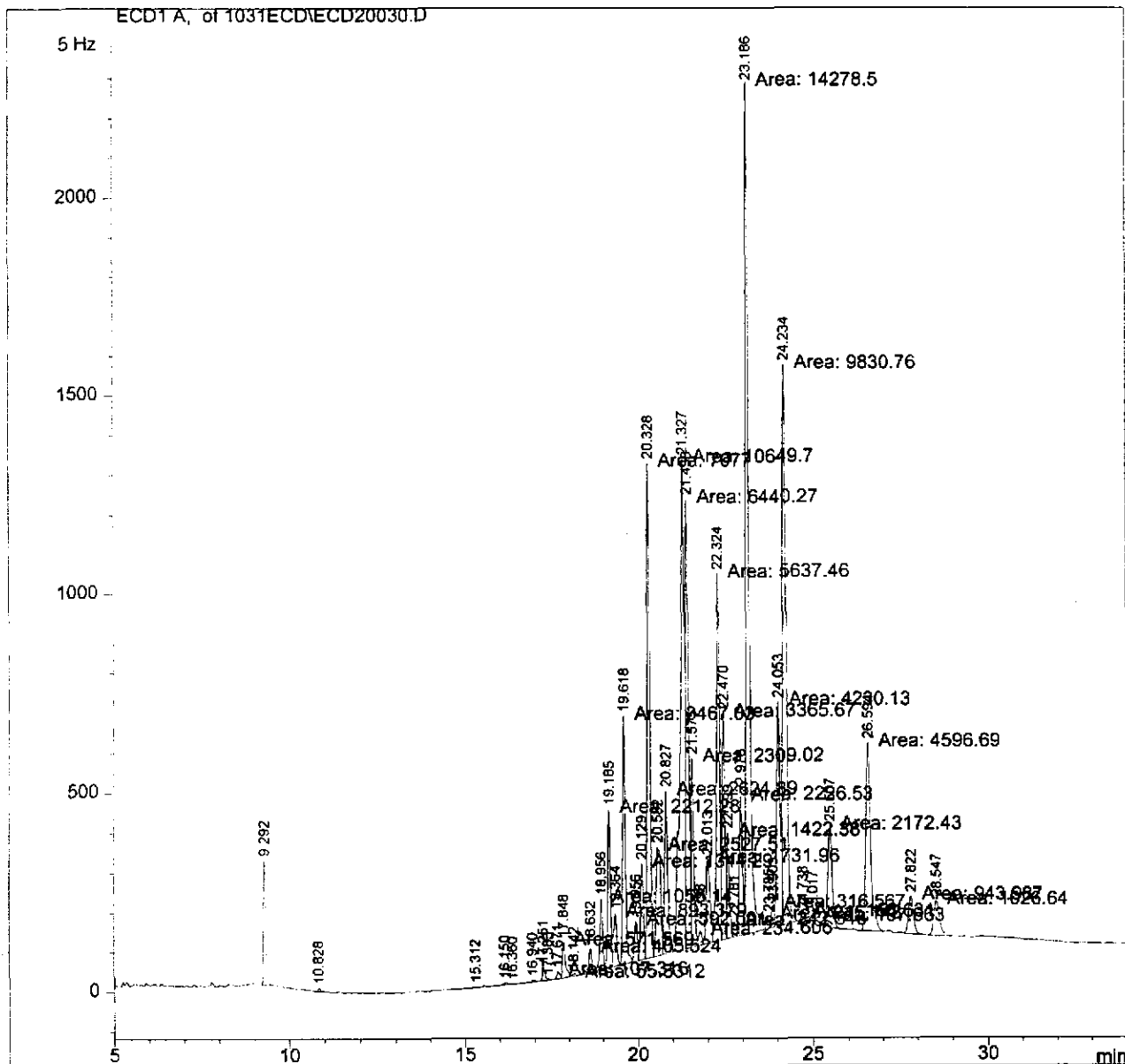


Injection Date : 11/1/00 3:37:59 PM
Sample Name : 205493-46 *10*
Acq. Operator : ROG

Seq. Line : 30
Vial : 30
Inj : 1
Inj Volume : 2 µl

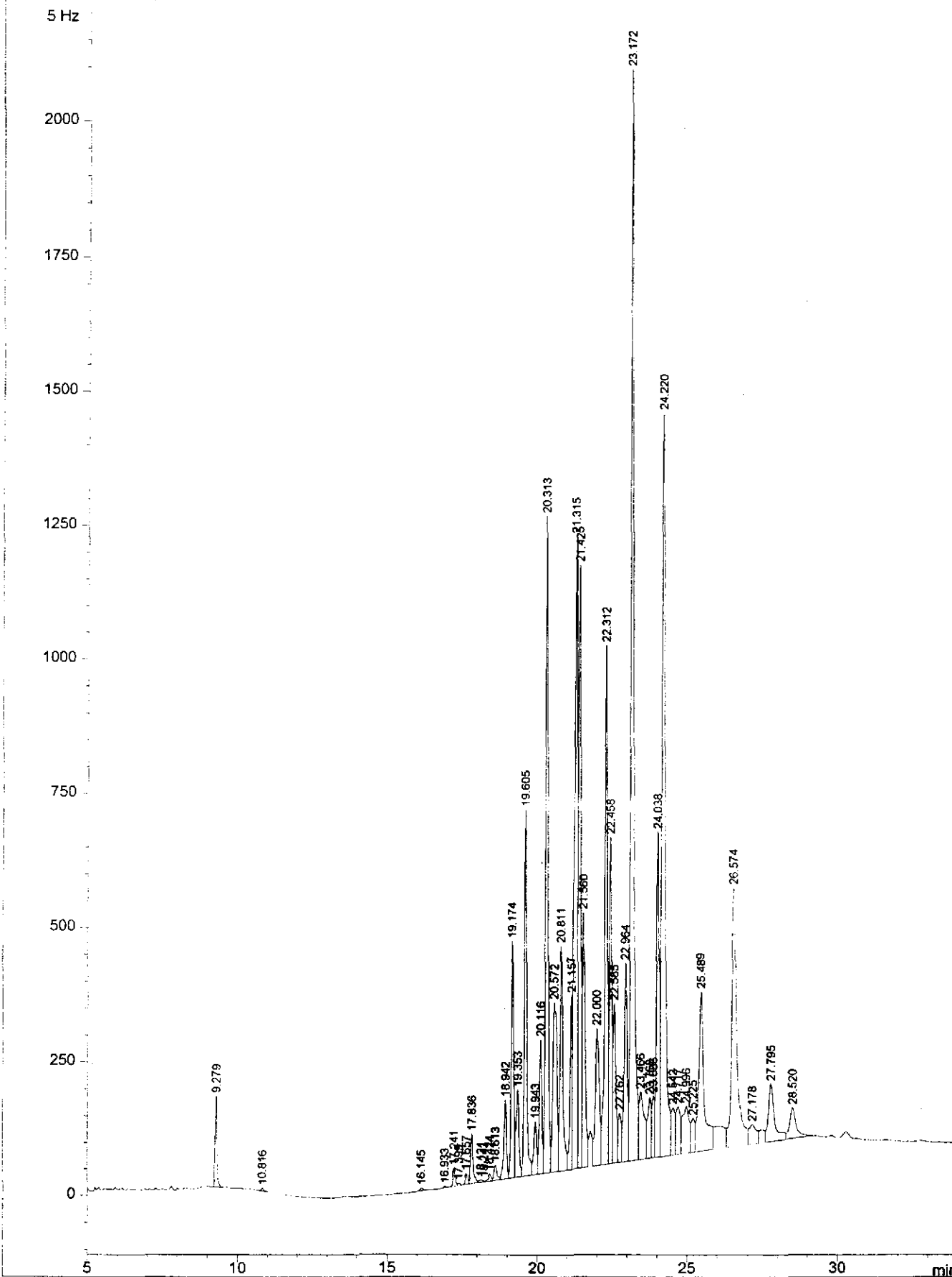
Acq. Method : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed : 10/31/00 1:37:56 PM
(modified after loading)

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 µl
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)



Current Chromatogram(s)

ECD1A, of 1031ECD\ECD20031.D



```

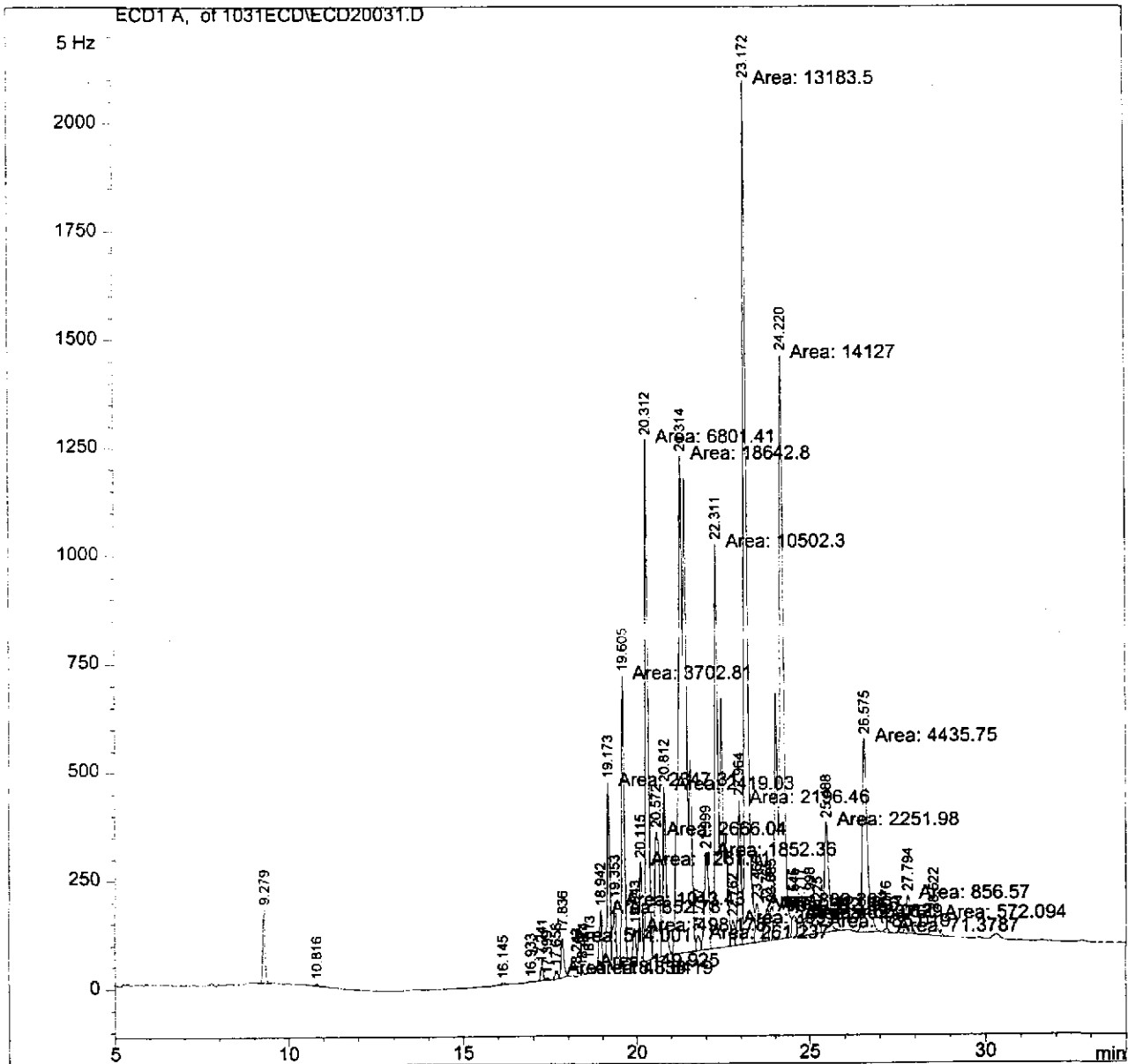
=====
Injection Date   : 11/1/00 4:14:56 PM           Seq. Line   : 31
Sample Name     : 205493-47 *20*              Vial        : 31
Acq. Operator   : ROG                        Inj         : 1
                                                Inj Volume  : 2 µl
    
```

```

Acq. Method     : C:\HPCHEM\1\METHODS\20ECD11.M
Last changed    : 10/19/00 6:45:34 PM by ROG
Analysis Method : C:\HPCHEM2\1\METHODS\20ECD12.M
Last changed    : 10/31/00 1:37:56 PM
                  (modified after loading)
    
```

```

PEST AND OR PCB METHOD FOR 6890 GC/ECD, DB608 0.53x30, DB1701 0.53x30, 2 ul
INJ 7-08-98 FORM USED FOR 608,8081,8082 (NEW TEMPERATURE PROFILES ARE
EQUIVALENT AS OF THIS DATE)
=====
    
```



Appendix D
Analytical Testing Results
Volatile Hydrocarbons and
Semi-Volatile Hydrocarbons

Analytical Report 205493

for

3TM International

Project Manager: Randy Horsak

Project Name : Crystal Spring, Miss.

Project Id : 3TM DNA 102000-03

November 8, 2000



11381 Meadowglen, Suite L Houston, TX 77082 Ph:(281) 589-0692 Fax:(281) 589-0695

Houston - Dallas - San Antonio - Austin - Latin America



November 8, 2000

Project Manager: Randy Horsak
3TM International
1500 South Dairy Ashford, Suite 225
Houston, TX 77077

Reference: XENCO Report No: 205493
Project Name : Crystal Spring, Miss.
Project Address:

Dear Randy Horsak :


We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Chain of Custody Numbered 205493 . All results being reported under this Chain of Custody apply to the samples analyzed and properly identified with a Laboratory ID number.

All the results for the quality control samples were reviewed. Also, all parameters for data reduction and validation were reviewed. In view of this, we are able to release the analytical data for this report within acceptance criteria for accuracy, precision, completeness or properly flagged.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 3 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in COC No. 205493 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Sincerely,


Eddie L. Clemons, II
QA/QC Manager

*Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY*



REQUEST FOR ADDITIONS / CORRECTIONS FORM

This form is a supplement to
COC No: 205493 A C D E

- 11381 Meadowglen, Suite L Houston, TX 77082 - 281-589-0692 - Fax: 281-589-1006
- 11078 Morrison Ln, Suite D Dallas, TX 75229 - 972-481-9999 - Fax: 972-481-9998
- 5309 Wurzbach Rd., Suite 104 San Antonio, TX 78238 - 210-509-3334 - Fax: 210-509-3333

Page 1 of 2

Requested by: Randy Horsaak Date: 11/2

ASAP	TAT
24 hrs	
48 hrs	
3 days	
5 days	
Other	
Remarks	<u>** 24 hr TAT</u>

Lab ID	Field ID	Date/Time	Matrix	Sample Description
-003		10/24	S	
-016		↓		
-017		↓		
-020		↓		
-025		↓		
-027		↓		
-03328		10/25		
-036		↓		
-038		↓		

This information should be taken from the original COC.

Contractor: BTM Phone ()

Project Name: Crystal Springs Miss

Project I. D. No.: 3TMDWA 102000-03

Project Manager: Randy Horsaak

Project Location: Miss.

Requested by: Randy Horsaak Date: 11/2

ASAP	TAT
24 hrs	
48 hrs	
3 days	
5 days	
Other	
Remarks	<u>** 24 hr TAT</u>

Add received by Lab Tech: M Date/Time: 11-02-00

Signature: M

Add Taken By: 13:13

DIT:

COMMENTS:



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Date Received in Lab: Thu Oct-26-00 05:26 PM
 Date Report Faxed: wed Nov-08-00
 XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03
 Project Manager: Randy Horsak
 Project Location:

Analysis Requested	Lab ID :	205493-001	205493-002	205493-003	205493-004	205493-005	205493-006
	Field ID : Depth : Matrix : Sampled :	1BS01 1.0 ft Soil Oct-24-2000	1BS02 0.5 ft Soil Oct-24-2000	1BS03 1.0 ft Soil Oct-24-2000	1BS04 1.0 ft Soil Oct-24-2000	1BS05 0.5 ft Soil Oct-24-2000	1BS06 1.0 ft Soil Oct-24-2000
SVOAs by EPA 8270C	Analyzed :	Nov-07-2000					
	Units :	mg/kg					
Acenaphthene		BRL	0.067	R L			
Acenaphthylene		BRL	0.067				
Acetophenone		BRL	0.333				
Anthracene		BRL	0.067				
Benzo(a)anthracene		0.239	0.067				
Benzo(a)pyrene		0.346	0.067				
Benzo(b)fluoranthene		BRL	0.067				
Benzo(g,h,i)perylene		0.079	0.067				
Benzo(k)fluoranthene		BRL	0.067				
Atrazine		BRL	1.67				
Benzaldehyde		BRL	1.67				
Benzyl Alcohol		BRL	0.667				
Benzyl Butyl Phthalate		BRL	0.333				
bis(2-chloroethoxy) methane		BRL	0.333				
bis(2-chloroethyl) ether		BRL	0.333				
bis(2-chloroisopropyl) ether		BRL	0.333				
bis(2-ethylhexyl) phthalate		BRL	0.333				
4-Bromophenyl-phenylether		BRL	0.333				

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
 N = See Narrative, D = Analyte Reported from Dilution Analysis, E = Estimated Concentration

Eddie L. Clemons, II
 QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.


Date Received in Lab: Thu Oct-26-00 05:26 PM
 Date Report Faxed: wed Nov-08-00
 XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03
 Project Manager: Randy Horsak
 Project Location:

Analysis Requested	Lab ID: Field ID: Depth: Matrix: Sampled:	205493-001 1BS01 1.0 ft Soil Oct-24-2000	205493-002 1BS02 0.5 ft Soil Oct-24-2000	205493-003 1BS03 1.0 ft Soil Oct-24-2000	205493-004 1BS04 1.0 ft Soil Oct-24-2000	205493-005 1BS05 0.5 ft Soil Oct-24-2000	205493-006 1BS06 1.0 ft Soil Oct-24-2000
SVOAs by EPA 8270C	Analyzed: Units:	Nov-07-2000 mg/kg R.L.					
di-n-Butyl Phthalate		BRL	0.333				
4-chloro-3-methylphenol		BRL	0.667				
4-Chloroaniline		BRL	0.667				
2-Chloronaphthalene		BRL	0.333				
2-Chlorophenol		BRL	0.333				
4-Chlorophenyl Phenyl Ether		BRL	0.333				
Chrysene		0.413	0.067				
Dibenz(a,h)Anthracene		BRL	0.067				
Dibenzofuran		BRL	0.333				
1,2-Dichlorobenzene		BRL	0.333				
1,3-Dichlorobenzene		BRL	0.333				
1,4-Dichlorobenzene		BRL	0.333				
3,3'-Dichlorobenzidine		BRL	0.333				
2,4-Dichlorophenol		BRL	0.333				
Diethyl Phthalate		BRL	0.333				
Dimethyl Phthalate		BRL	0.333				
2,4-Dimethylphenol		BRL	0.333				
4,6-dinitro-2-methyl phenol		BRL	1.67				

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 N = See Narrative, D = Analyte Reported from Dilution Analysis, E = Estimated Concentration


 Eddie L. Clemons, II
 QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horskak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID:	Field ID:	Depth:	Matrix:	Sampled:	205493-001	205493-002	205493-003	205493-004	205493-005	205493-006
	Field ID:	Depth:	Matrix:	Sampled:	205493-001	205493-002	205493-003	205493-004	205493-005	205493-006	
SVOAs by EPA 8270C											
2,4-Dinitrophenol											
2,4-Dinitrotoluene											
2,6-Dinitrotoluene											
Fluoranthene											
Fluorene											
Hexachlorobenzene											
Hexachlorobutadiene											
Hexachlorocyclopentadiene											
Hexachloroethane											
Indeno(1,2,3-c,d)Pyrene											
Isophorone											
2-Methylnaphthalene											
2-methylphenol											
3&4-Methylphenol											
Naphthalene											
4-Nitroaniline											
3-Nitroaniline											
2-Nitroaniline											

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BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
 N = See Narrative, D = Analyte Reported from Dilution Analysis, E = Estimated Concentration


Eddie L. Clemons, II
 QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horsak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID: Field ID: Depth: Matrix: Sampled:	205493-001 IBS01 1.0 ft Soil Oct-24-2000	205493-002 IBS02 0.5 ft Soil Oct-24-2000	205493-003 IBS03 1.0 ft Soil Oct-24-2000	205493-004 IBS04 1.0 ft Soil Oct-24-2000	205493-005 IBS05 0.5 ft Soil Oct-24-2000	205493-006 IBS06 1.0 ft Soil Oct-24-2000
SVOAs by EPA 8270C	Analyzed: Units:			Nov-07-2000 mg/kg R L			
Nitrobenzene				BRL 0.333			
2-Nitrophenol				BRL 0.333			
4-Nitrophenol				BRL 0.333			
n-Nitrosodi-n-Propylamine				BRL 0.333			
n-Nitrosodiphenylamine				BRL 0.333			
di-n-Octyl Phthalate				BRL 0.333			
Pentachlorophenol				BRL 0.333			
Phenanthrene				0.220 0.067			
Phenol				BRL 0.333			
Pyrene				0.561 0.067			
1,2,4-Trichlorobenzene				BRL 0.333			
2,4,6-Trichlorophenol				BRL 0.333			
2,4,5-Trichlorophenol				BRL 0.333			

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Eddie L. Clemons, II
QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

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Date Received in Lab: Thu Oct-26-00 05:26 PM

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XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horskak

Project Location:

Analysis Requested	Lab ID : Field ID : Depth : Matrix : Sampled :	205493-001 IBS01 1.0 ft Soil Oct-24-2000	205493-002 IBS02 0.5 ft Soil Oct-24-2000	205493-003 IBS03 1.0 ft Soil Oct-24-2000	205493-004 IBS04 1.0 ft Soil Oct-24-2000	205493-005 IBS05 0.5 ft Soil Oct-24-2000	205493-006 IBS06 1.0 ft Soil Oct-24-2000
VOAs by SW-846 8260	Analyzed :			Nov-06-2000			
	Units :			mg/kg			
Benzene				R L			
Bromobenzene				BRL 0.005			
Bromochloromethane				BRL 0.005			
Bromodichloromethane				BRL 0.005			
Bromoform				BRL 0.005			
Bromomethane				BRL 0.005			
MTBE				BRL 0.005			
tert-Butylbenzene				BRL 0.005			
Sec-Butylbenzene				BRL 0.005			
n-Butylbenzene				BRL 0.005			
Carbon Tetrachloride				BRL 0.005			
Chlorobenzene				BRL 0.005			
Chloroethane				BRL 0.010			
Chloroform				BRL 0.005			
Chloromethane				BRL 0.010			
2-Chlorotoluene				BRL 0.005			
4-Chlorotoluene				BRL 0.005			
p-Cymene (p-Isopropyltoluene)				BRL 0.005			

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VOAs by SW-846 8260	Analyzed: Units:	Nov-06-2000 mg/kg R.L.					
1,2-Dibromo-3-Chloropropane		BRL	0.005				
Dibromochloromethane		BRL	0.005				
Dibromomethane		BRL	0.005				
1,2-Dichlorobenzene		BRL	0.005				
1,3-Dichlorobenzene		BRL	0.005				
1,4-Dichlorobenzene		BRL	0.005				
Dichlorodifluoromethane		BRL	0.005				
1,2-Dichloroethane		BRL	0.005				
1,1-Dichloroethane		BRL	0.005				
trans-1,2-dichloroethene		BRL	0.005				
cis-1,2-Dichloroethene		BRL	0.005				
1,1-Dichloroethene		BRL	0.005				
2,2-Dichloropropane		BRL	0.005				
1,3-Dichloropropane		BRL	0.005				
1,2-Dichloropropane		BRL	0.005				
trans-1,3-dichloropropene		BRL	0.005				
1,1-Dichloropropene		BRL	0.005				
cis-1,3-Dichloropropene		BRL	0.005				

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VOAs by SW-846 8260	Analyzed:			Nov-06-2000			
	Units:			mg/kg			
Ethylbenzene				R.L.			
Hexachlorobutadiene				BRL 0.005			
Isopropylbenzene				BRL 0.005			
Methylene Chloride				BRL 0.005			
Naphthalene				BRL 0.020			
n-Propylbenzene				BRL 0.010			
Styrene				BRL 0.005			
1,1,1,2-Tetrachloroethane				BRL 0.005			
1,1,2,2-Tetrachloroethane				BRL 0.005			
Tetrachloroethylene				BRL 0.005			
Toluene				BRL 0.005			
1,2,4-Trichlorobenzene				BRL 0.005			
1,2,3-Trichlorobenzene				BRL 0.005			
1,1,2-Trichloroethane				BRL 0.005			
1,1,1-Trichloroethane				BRL 0.005			
Trichloroethene				BRL 0.005			
Trichlorofluoromethane				BRL 0.005			
1,2,3-Trichloropropane				BRL 0.005			

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VOAs by SW-846 8260	Analyzed: Units:			Nov-06-2000 mg/kg			
1,2,4-Trimethylbenzene				BRL 0.005 R L			
1,3,5-trimethylbenzene				BRL 0.005			
Vinyl Chloride				BRL 0.002			
o-Xylene				BRL 0.005			
m,p-Xylenes				BRL 0.010			

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Analysis Requested	Lab ID :		205493-013		205493-014		205493-015		205493-016		205493-017		205493-018	
	Field ID :	Depth :	IBS13	0.2 ft	IBS14	1.0 ft	IBS15	1.0 ft	IBS16	1.5 ft	IBS17	1.5 ft	IBS18	1.0 ft
	Matrix :	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sampled :	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000
	Analyzed :													
	Units :													
SVOAs by EPA 8270C														
Acenaphthene														
Acenaphthylene														
Acetophenone														
Anthracene														
Benzo(a)anthracene														
Benzo(a)pyrene														
Benzo(b)fluoranthene														
Benzo(g,h,i)perylene														
Benzo(k)fluoranthene														
Atrazine														
Benzaldehyde														
Benzyl Alcohol														
Benzyl Butyl Phthalate														
bis(2-chloroethoxy) methane														
bis(2-chloroethyl) ether														
bis(2-chloroisopropyl) ether														
bis(2-ethylhexyl) phthalate														
4-Bromophenyl-phenylether														

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Project ID: 3TM DNA 102000-03

Project Manager: Randy Horsak

Project Location:

Analysis Requested	Lab ID:	205493-013	205493-014	205493-015	205493-016	205493-017	205493-018
	Field ID:	IBS13	IBS14	IBS15	IBS16	IBS17	IBS18
	Depth:	0.2 ft	1.0 ft	1.0 ft	1.5 ft	1.5 ft	1.0 ft
	Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
	Sampled:	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000
SVOAs by EPA 8270C	Analyzed:				Nov-03-2000	Nov-06-2000	
	Units:				mg/kg	mg/kg	RL
di-n-Butyl Phthalate					BRL 0.333	BRL 0.333	
4-chloro-3-methylphenol					BRL 0.667	BRL 0.667	
4-Chloroaniline					BRL 0.667	BRL 0.667	
2-Chloronaphthalene					BRL 0.333	BRL 0.333	
2-Chlorophenol					BRL 0.333	BRL 0.333	
4-Chlorophenyl Phenyl Ether					BRL 0.333	BRL 0.333	
Chrysene					0.315 0.067	0.511 0.067	
Dibenz(a,h)Anthracene					BRL 0.067	BRL 0.067	
Dibenzofuran					BRL 0.333	BRL 0.333	
1,2-Dichlorobenzene					BRL 0.333	BRL 0.333	
1,3-Dichlorobenzene					BRL 0.333	BRL 0.333	
1,4-Dichlorobenzene					BRL 0.333	BRL 0.333	
3,3'-Dichlorobenzidine					BRL 0.333	BRL 0.333	
2,4-Dichlorophenol					BRL 0.333	BRL 0.333	
Diethyl Phthalate					BRL 0.333	BRL 0.333	
Dimethyl Phthalate					BRL 0.333	BRL 0.333	
2,4-Dimethylphenol					BRL 0.333	BRL 0.333	
4,6-dinitro-2-methyl phenol					BRL 1.67	BRL 1.67	

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Analysis Requested	Lab ID :		Field ID :		Depth :		Matrix :		Sampled :		Analyzed :		Units :	
	205493-013	IBS13	205493-014	IBS14	205493-015	IBS15	205493-016	IBS16	205493-017	IBS17	205493-018	IBS18	205493-019	IBS19
SVOAs by EPA 8270C	0.2 ft	Soil	1.0 ft	Soil	1.0 ft	Soil	1.5 ft	Soil	1.5 ft	Soil	1.0 ft	Soil	1.0 ft	Soil
	Oct-24-2000		Oct-24-2000		Oct-24-2000		Oct-24-2000		Oct-24-2000		Nov-06-2000		Nov-06-2000	
											mg/kg		mg/kg	RL
2,4-Dinitrophenol											BRL	1.67	BRL	1.67
2,4-Dinitrotoluene											BRL	0.333	BRL	0.333
2,6-Dinitrotoluene											BRL	0.333	BRL	0.333
Fluoranthene											0.520	0.067	0.835	0.067
Fluorene											BRL	0.067	BRL	0.067
Hexachlorobenzene											BRL	0.333	BRL	0.333
Hexachlorobutadiene											BRL	0.333	BRL	0.333
Hexachlorocyclopentadiene											BRL	0.333	BRL	0.333
Hexachloroethane											BRL	0.333	BRL	0.333
Indeno(1,2,3-c,d)pyrene											0.229	0.067	0.269	0.067
Isophorone											BRL	0.333	BRL	0.333
2-Methylnaphthalene											BRL	0.067	BRL	0.067
2-methylphenol											BRL	0.333	BRL	0.333
3&4-Methylphenol											BRL	0.333	BRL	0.333
Naphthalene											BRL	0.067	BRL	0.067
4-Nitroaniline											BRL	0.667	BRL	0.667
3-Nitroaniline											BRL	1.67	BRL	1.67
2-Nitroaniline											BRL	1.67	BRL	1.67

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Analysis Requested	Lab ID :	205493-013	205493-014	205493-015	205493-016	205493-017	205493-018
	Field ID :	IBS13	IBS14	IBS15	IBS16	IBS17	IBS18
	Depth :	0.2 ft	1.0 ft	1.0 ft	1.5 ft	1.5 ft	1.0 ft
	Matrix :	Soil	Soil	Soil	Soil	Soil	Soil
	Sampled :	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000
SVOAs by EPA 8270C	Analyzed :				Nov-03-2000	Nov-06-2000	
	Units :				mg/kg	mg/kg	RL
Nitrobenzene					BRL 0.333	BRL 0.333	
2-Nitrophenol					BRL 0.333	BRL 0.333	
4-Nitrophenol					BRL 0.333	BRL 0.333	
n-Nitrosodi-n-Propylamine					BRL 0.333	BRL 0.333	
n-Nitrosodiphenylamine					BRL 0.333	BRL 0.333	
di-n-Octyl Phthalate					BRL 0.333	BRL 0.333	
Pentachlorophenol					BRL 0.333	BRL 0.333	
Phenanthrene					0.144 0.067	0.252 0.067	
Phenol					BRL 0.333	BRL 0.333	
Pyrene					0.390 0.067	0.631 0.067	
1,2,4-Trichlorobenzene					BRL 0.333	BRL 0.333	
2,4,6-Trichlorophenol					BRL 0.333	BRL 0.333	
2,4,5-Trichlorophenol					BRL 0.333	BRL 0.333	

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Analysis Requested	Lab ID:	Field ID:	Depth:	Matrix:	Sampled:	205493-013	205493-014	205493-015	205493-016	205493-017	205493-018
	VOAs by SW-846 8260	IBS13	IBS14	IBS15	IBS16	IBS17	IBS18	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		0.2 ft	1.0 ft	1.0 ft	1.5 ft						1.0 ft
Bromobenzene		Soil	Soil	Soil	Soil						Soil
Bromochloromethane		Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000						Oct-24-2000
Bromodichloromethane											
Bromoform											
Bromomethane											
MTBE											
tert-Butylbenzene											
Sec-Butylbenzene											
n-Butylbenzene											
Carbon Tetrachloride											
Chlorobenzene											
Chloroethane											
Chloroform											
Chloromethane											
2-Chlorotoluene											
4-Chlorotoluene											
p-Cymene (p-Isopropyltoluene)											

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Analysis Requested	Lab ID:	Field ID:	Depth:	Matrix:	Sampled:	205493-013	205493-014	205493-015	205493-016	205493-017	205493-018
	VOAs by SW-846 8260	IBS13	IBS14	IBS15	IBS16	IBS17	IBS18	mg/kg	mg/kg	mg/kg	mg/kg
1,2-Dibromo-3-Chloropropane											
Dibromochloromethane											
Dibromomethane											
1,2-Dichlorobenzene											
1,3-Dichlorobenzene											
1,4-Dichlorobenzene											
Dichlorodifluoromethane											
1,2-Dichloroethane											
1,1-Dichloroethane											
trans-1,2-dichloroethene											
cis-1,2-Dichloroethene											
1,1-Dichloroethene											
2,2-Dichloropropane											
1,3-Dichloropropane											
1,2-Dichloropropane											
trans-1,3-dichloropropene											
1,1-Dichloropropene											
cis-1,3-Dichloropropene											

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	Field ID:	Depth:	Matrix:	Sampled:	205493-013	205493-014	205493-015	205493-016	205493-017	205493-018	
VOAs by SW-846 8260											
Ethylbenzene											
Hexachlorobutadiene											
isopropylbenzene											
Methylene Chloride											
Naphthalene											
n-Propylbenzene											
Styrene											
1,1,1,2-Tetrachloroethane											
1,1,2,2-Tetrachloroethane											
Tetrachloroethylene											
Toluene											
1,2,4-Trichlorobenzene											
1,2,3-Trichlorobenzene											
1,1,2-Trichloroethane											
1,1,1-Trichloroethane											
Trichloroethene											
Trichlorofluoromethane											
1,2,3-Trichloropropane											

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Eddie L. Clemons, II
 QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horskak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab ID: Field ID: Depth: Matrix: Sampled:</i>	<i>205493-013 IBS13 0.2 ft Soil Oct-24-2000</i>	<i>205493-014 IBS14 1.0 ft Soil Oct-24-2000</i>	<i>205493-015 IBS15 1.0 ft Soil Oct-24-2000</i>	<i>205493-016 IBS16 1.5 ft Soil Oct-24-2000</i>	<i>205493-017 IBS17 1.5 ft Soil Oct-24-2000</i>	<i>205493-018 IBS18 1.0 ft Soil Oct-24-2000</i>
VOAs by SW-846 8260	Analyzed: Units:				Nov-03-2000 mg/kg	Nov-06-2000 mg/kg	
1,2,4-Trimethylbenzene					R L 0.005	R L 0.005	
1,3,5-trimethylbenzene					BRL 0.005	BRL 0.005	
Vinyl Chloride					BRL 0.002	BRL 0.002	
o-Xylene					BRL 0.005	BRL 0.005	
m,p-Xylenes					BRL 0.010	BRL 0.010	

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3TM International, Houston, TX
Project Name: Crystal Springs, Miss.

Date Received in Lab: Thu Oct-26-00 05:26 PM
 Date Report Faxed: wed Nov-08-00
 XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03
 Project Manager: Randy Horsak
 Project Location:

Analysis Requested	Lab ID :	205493-019	205493-020	205493-021	205493-022	205493-023	205493-024
	Field ID : Depth : Matrix : Sampled :	IBS19 1.0 ft Soil Oct-24-2000	IBS20 1.0 ft Soil Oct-24-2000	2BS21 1.0 ft Soil Oct-24-2000	2BS22 0.5 ft Soil Oct-24-2000	2BS23 1.0 ft Soil Oct-24-2000	2BS24 1.0 ft Soil Oct-24-2000
SVOAs by EPA 8270C	Analyzed :				Nov-06-2000		
Units :					mg/kg		
Acenaphthene					R L		
Acenaphthylene					BRL 0.067		
Acetophenone					BRL 0.067		
Anthracene					BRL 0.333		
Benzo(a)anthracene					BRL 0.067		
Benzo(a)pyrene					BRL 0.067		
Benzo(b)fluoranthene					BRL 0.067		
Benzo(g,h,i)perylene					BRL 0.067		
Benzo(k)fluoranthene					BRL 0.067		
Atrazine					BRL 1.67		
Benzaldehyde					BRL 1.67		
Benzyl Alcohol					BRL 0.667		
Benzyl Butyl Phthalate					BRL 0.333		
bis(2-chloroethoxy) methane					BRL 0.333		
bis(2-chloroethyl) ether					BRL 0.333		
bis(2-chloroisopropyl) ether					BRL 0.333		
bis(2-ethylhexyl) phthalate					BRL 0.333		
4-Bromophenyl-phenylether					BRL 0.333		

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Eddie L. Clemons, II
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Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horskak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID:	205493-019	205493-020	205493-021	205493-022	205493-023	205493-024
	Field ID:	IBS19	IBS20	2BS21	2BS22	2BS23	2BS24
Depth:	1.0 ft	1.0 ft	1.0 ft	1.0 ft	0.5 ft	1.0 ft	1.0 ft
Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sampled:	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-24-2000
Analyzed:					Nov-06-2000		
Units:					mg/kg		
SVOAs by EPA 8270C							
di-n-Butyl Phthalate					BRL 0.333		
4-chloro-3-methylphenol					BRL 0.667		
4-Chloroaniline					BRL 0.667		
2-Chloronaphthalene					BRL 0.333		
2-Chlorophenol					BRL 0.333		
4-Chlorophenyl Phenyl Ether					BRL 0.333		
Chrysene					BRL 0.067		
Dibenz(a,h)Anthracene					BRL 0.067		
Dibenzofuran					BRL 0.333		
1,2-Dichlorobenzene					BRL 0.333		
1,3-Dichlorobenzene					BRL 0.333		
1,4-Dichlorobenzene					BRL 0.333		
3,3'-Dichlorobenzidine					BRL 0.333		
2,4-Dichlorophenol					BRL 0.333		
Diethyl Phthalate					BRL 0.333		
Dimethyl Phthalate					BRL 0.333		
2,4-Dimethylphenol					BRL 0.333		
4,6-dinitro-2-methyl phenol					BRL 1.67		

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Eddie L. Glemons, II
 QA/QC Director



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Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Date Received in Lab: Thu Oct-26-00 05:26 PM

Project Manager: Randy Horskak

Date Report Faxed: wed Nov-08-00

Project Location:

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID:	Field ID:	Depth:	Matrix:	Sampled:	205493-019	205493-020	205493-021	205493-022	205493-023	205493-024
	IBS19	IBS20	1.0 ft	Soil	Oct-24-2000	1.0 ft	Soil	1.0 ft	Soil	1.0 ft	Soil
SVOAs by EPA 8270C	Analyzed:	Units:									
2,4-Dinitrophenol	BRL	1.67									
2,4-Dinitrotoluene	BRL	0.333									
2,6-Dinitrotoluene	BRL	0.333									
Fluoranthene	0.092	0.067									
Fluorene	BRL	0.067									
Hexachlorobenzene	BRL	0.333									
Hexachlorobutadiene	BRL	0.333									
Hexachlorocyclopentadiene	BRL	0.333									
Hexachloroethane	BRL	0.333									
Indeno(1,2,3-c,d)Pyrene	BRL	0.067									
Isophorone	BRL	0.333									
2-Methylnaphthalene	BRL	0.067									
2-methylphenol	BRL	0.333									
3&4-Methylphenol	BRL	0.333									
Naphthalene	BRL	0.067									
4-Nitroaniline	BRL	0.667									
3-Nitroaniline	BRL	1.67									
2-Nitroaniline	BRL	1.67									

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Project ID: 3TM DNA 102000-03
Project Manager: Randy Horskak
Project Location:

Analysis Requested	Lab ID:	Field ID:	Depth:	Matrix:	Sampled:	205493-019	205493-020	205493-021	205493-022	205493-023	205493-024
	Units:										
SVOAs by EPA 8270C											
Nitrobenzene											
2-Nitrophenol											
4-Nitrophenol											
n-Nitrosodi-n-Propylamine											
n-Nitrosodiphenylamine											
di-n-Octyl Phthalate											
Pentachlorophenol											
Phenanthrene											
Phenol											
Pyrene											
1,2,4-Trichlorobenzene											
2,4,6-Trichlorophenol											
2,4,5-Trichlorophenol											

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3TM International, Houston, TX

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XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03


Project Manager: Randy Horskak

Project Location:

Analysis Requested	Lab ID :	205493-019	205493-020	205493-021	205493-022	205493-023	205493-024	
	Field ID : Depth : Matrix : Sampled :	1BS19 1.0 ft Soil Oct-24-2000	1BS20 1.0 ft Soil Oct-24-2000	2BS21 1.0 ft Soil Oct-24-2000	2BS22 0.5 ft Soil Oct-24-2000	2BS23 1.0 ft Soil Oct-24-2000	2BS24 1.0 ft Soil Oct-24-2000	
VOAs by SW-846 8260	Analyzed :	Nov-06-2000						
	Units :	mg/kg						
Benzene					BRL 0.005			
Bromobenzene					BRL 0.005			
Bromochloromethane					BRL 0.005			
Bromodichloromethane					BRL 0.005			
Bromoform					BRL 0.005			
Bromomethane					BRL 0.005			
MTBE					BRL 0.005			
tert-Butylbenzene					BRL 0.005			
Sec-Butylbenzene					BRL 0.005			
n-Butylbenzene					BRL 0.005			
Carbon Tetrachloride					BRL 0.005			
Chlorobenzene					BRL 0.005			
Chloroethane					BRL 0.010			
Chloroform					BRL 0.005			
Chloromethane					BRL 0.010			
2-Chlorotoluene					BRL 0.005			
4-Chlorotoluene					BRL 0.005			
p-Cymene (p-Isopropyltoluene)					BRL 0.005			

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Project Manager: Randy Horskak

Project Location:

Analysis Requested	Lab ID :	205493-019	205493-020	205493-021	205493-022	205493-023	205493-024
	Field ID : Depth : Matrix : Sampled :	1BS19 1.0 ft Soil Oct-24-2000	1BS20 1.0 ft Soil Oct-24-2000	2BS21 1.0 ft Soil Oct-24-2000	2BS22 0.5 ft Soil Oct-24-2000	2BS23 1.0 ft Soil Oct-24-2000	2BS24 1.0 ft Soil Oct-24-2000
VOAs by SW-846 8260	Analyzed :				Nov-06-2000		
	Units :				mg/kg		
1,2-Dibromo-3-Chloropropane					R.L.		
Dibromochloromethane					BRL 0.005		
Dibromomethane					BRL 0.005		
1,2-Dichlorobenzene					BRL 0.005		
1,3-Dichlorobenzene					BRL 0.005		
1,4-Dichlorobenzene					BRL 0.005		
Dichlorodifluoromethane					BRL 0.005		
1,2-Dichloroethane					BRL 0.005		
1,1-Dichloroethane					BRL 0.005		
trans-1,2-dichloroethene					BRL 0.005		
cis-1,2-Dichloroethene					BRL 0.005		
1,1-Dichloroethene					BRL 0.005		
2,2-Dichloropropane					BRL 0.005		
1,3-Dichloropropane					BRL 0.005		
1,2-Dichloropropane					BRL 0.005		
trans-1,3-dichloropropene					BRL 0.005		
1,1-Dichloropropene					BRL 0.005		
cis-1,3-Dichloropropene					BRL 0.005		

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Analysis Requested	Lab ID:	205493-019	205493-020	205493-021	205493-022	205493-023	205493-024
	Field ID: Depth: Matrix: Sampled:	IBS19 1.0 ft Soil Oct-24-2000	1BS20 1.0 ft Soil Oct-24-2000	2BS21 1.0 ft Soil Oct-24-2000	2BS22 0.5 ft Soil Oct-24-2000	2BS23 1.0 ft Soil Oct-24-2000	2BS24 1.0 ft Soil Oct-24-2000
VOAs by SW-846 8260	Analyzed:				Nov-06-2000		
	Units:				mg/kg		
Ethylbenzene					R L		
Hexachlorobutadiene					BRL 0.005		
Isopropylbenzene					BRL 0.005		
Methylene Chloride					BRL 0.005		
Naphthalene					0.056 G		
n-Propylbenzene					BRL 0.010		
Styrene					BRL 0.005		
1,1,1,2-Tetrachloroethane					BRL 0.005		
1,1,2,2-Tetrachloroethane					BRL 0.005		
Tetrachloroethylene					BRL 0.005		
Toluene					BRL 0.005		
1,2,4-Trichlorobenzene					BRL 0.005		
1,2,3-Trichlorobenzene					BRL 0.005		
1,1,2-Trichloroethane					BRL 0.005		
1,1,1-Trichloroethane					BRL 0.005		
Trichloroethene					BRL 0.005		
Trichlorofluoromethane					BRL 0.005		
1,2,3-Trichloropropane					BRL 0.005		

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Analysis Requested	Lab ID: Field ID: Depth: Matrix: Sampled:	205493-019 IBS19 1.0 ft Soil Oct-24-2000	205493-020 IBS20 1.0 ft Soil Oct-24-2000	205493-021 2BS21 1.0 ft Soil Oct-24-2000	205493-022 2BS22 0.5 ft Soil Oct-24-2000	205493-023 2BS23 1.0 ft Soil Oct-24-2000	205493-024 2BS24 1.0 ft Soil Oct-24-2000
VOAs by SW-846 8260	Analyzed: Units:				Nov-06-2000 mg/kg		
1,2,4-Trimethylbenzene					BRL 0.005		
1,3,5-Trimethylbenzene					BRL 0.005		
Vinyl Chloride					BRL 0.002		
o-Xylene					BRL 0.005		
m,p-Xylenes					BRL 0.010		

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Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Date Received in Lab: Thu Oct-26-00 05:26 PM

Project Manager: Randy Horsak

Date Report Faxed: wed Nov-08-00

Project Location:

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID :	205493-025	205493-026	205493-027	205493-028	205493-029	205493-030
	Field ID : Depth : Matrix : Sampled :	2BS25 0.5 ft Soil Oct-24-2000	2BS26 1.0 ft Soil Oct-24-2000	2BS27 1.0 ft Soil Oct-24-2000	3BS28 0.5 ft Soil Oct-25-2000	3BS29 1.0 ft Soil Oct-25-2000	3BS30 0.5 ft Soil Oct-25-2000
SVOAs by EPA 8270C	Analyzed : Units :	Nov-06-2000 mg/kg R L	Nov-06-2000 mg/kg R L	Nov-06-2000 mg/kg R L	Nov-07-2000 mg/kg R L		
Acenaphthene		BRL 0.067	BRL 0.067	BRL 0.067	BRL 0.067		
Acenaphthylene		BRL 0.067	BRL 0.067	BRL 0.067	BRL 0.067		
Acetophenone		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
Anthracene		BRL 0.067	BRL 0.067	BRL 0.067	BRL 0.067		
Benzo(a)anthracene		0.074 0.067	BRL 0.067	BRL 0.067	BRL 0.067		
Benzo(a)pyrene		0.077 0.067	BRL 0.067	BRL 0.067	0.076 0.067		
Benzo(b)fluoranthene		BRL 0.067	BRL 0.067	BRL 0.067	BRL 0.067		
Benzo(g,h,i)perylene		BRL 0.067	BRL 0.067	BRL 0.067	BRL 0.067		
Benzo(k)fluoranthene		BRL 0.067	BRL 0.067	BRL 0.067	BRL 0.067		
Atrazine		BRL 1.67	BRL 1.67	BRL 1.67	BRL 1.67		
Benzaldehyde		BRL 1.67	BRL 1.67	BRL 1.67	BRL 1.67		
Benzyl Alcohol		BRL 0.667	BRL 0.667	BRL 0.667	BRL 0.667		
Benzyl Butyl Phthalate		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
bis(2-chloroethoxy) methane		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
bis(2-chloroethyl) ether		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
bis(2-chloroisopropyl) ether		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
bis(2-ethylhexyl) phthalate		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
4-Bromophenyl-phenylether		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		

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3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Date Received in Lab: Thu Oct-26-00 05:26 PM

Project Manager: Randy Horskak

Date Report Faxed: wed Nov-08-00

Project Location:

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID :	205493-025	205493-026	205493-027	205493-028	205493-029	205493-030
	Field ID : Depth : Matrix : Sampled :	2BS25 0.5 ft Soil Oct-24-2000	2BS26 1.0 ft Soil Oct-24-2000	2BS27 1.0 ft Soil Oct-24-2000	3BS28 0.5 ft Soil Oct-25-2000	3BS29 1.0 ft Soil Oct-25-2000	3BS30 0.5 ft Soil Oct-25-2000
SVOAs by EPA 8270C	Analyzed :	Nov-06-2000	Nov-06-2000	Nov-06-2000	Nov-07-2000		
	Units :	mg/kg	mg/kg	mg/kg	mg/kg		
		R L	R L	R L	R L		
di-n-Butyl Phthalate		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
4-chloro-3-methylphenol		BRL 0.667	BRL 0.667	BRL 0.667	BRL 0.667		
4-Chloroaniline		BRL 0.667	BRL 0.667	BRL 0.667	BRL 0.667		
2-Chloronaphthalene		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
2-Chlorophenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
4-Chlorophenyl Phenyl Ether		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
Chrysene		0.121	0.067	BRL 0.067	0.095	0.067	
Dibenz(a,h)Anthracene		BRL 0.067	BRL 0.067	BRL 0.067	BRL 0.067		
Dibenzofuran		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
1,2-Dichlorobenzene		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
1,3-Dichlorobenzene		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
1,4-Dichlorobenzene		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
3,3'-Dichlorobenzidine		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
2,4-Dichlorophenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
Diethyl Phthalate		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
Dimethyl Phthalate		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
2,4-Dimethylphenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
4,6-dinitro-2-methyl phenol		BRL 1.67	BRL 1.67	BRL 1.67	BRL 1.67		

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 Eddie L. Clements, II
 QA/QC Director

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Date Received in Lab: Thu Oct-26-00 05:26 PM

Project Manager: Randy Horsak

Date Report Faxed: wed Nov-08-00


Project Location:

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID :	205493-025	205493-026	205493-027	205493-028	205493-029	205493-030
	Field ID : Depth : Matrix : Sampled :	2BS25 0.5 ft Soil Oct-24-2000	2BS26 1.0 ft Soil Oct-24-2000	2BS27 1.0 ft Soil Oct-24-2000	3BS28 0.5 ft Soil Oct-25-2000	3BS29 1.0 ft Soil Oct-25-2000	3BS30 0.5 ft Soil Oct-25-2000
SVOAs by EPA 8270C	Analyzed :	Nov-06-2000	Nov-06-2000	Nov-06-2000	Nov-07-2000		
	Units :	mg/kg	mg/kg	mg/kg	mg/kg		
2,4-Dinitrophenol		BRL 1.67	BRL 1.67	BRL 1.67	BRL 1.67		
2,4-Dinitrotoluene		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
2,6-Dinitrotoluene		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
Fluoranthene		0.151	BRL 0.067	BRL 0.067	0.160		
Fluorene		BRL 0.067	BRL 0.067	BRL 0.067	BRL 0.067		
Hexachlorobenzene		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
Hexachlorobutadiene		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
Hexachlorocyclopentadiene		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
Hexachloroethane		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
Indeno(1,2,3-c,d)Pyrene		BRL 0.067	BRL 0.067	BRL 0.067	BRL 0.067		
Isophorone		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
2-Methylnaphthalene		BRL 0.067	BRL 0.067	BRL 0.067	BRL 0.067		
2-methylphenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
3&4-Methylphenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
Naphthalene		BRL 0.067	BRL 0.067	BRL 0.067	BRL 0.067		
4-Nitroaniline		BRL 0.667	BRL 0.667	BRL 0.667	BRL 0.667		
3-Nitroaniline		BRL 1.67	BRL 1.67	BRL 1.67	BRL 1.67		
2-Nitroaniline		BRL 1.67	BRL 1.67	BRL 1.67	BRL 1.67		

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Eddie L. Clemons, II
QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Date Received in Lab: Thu Oct-26-00 05:26 PM

Project Manager: Randy Horsak

Date Report Faxed: wed Nov-08-00


Project Location:

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID :	205493-025	205493-026	205493-027	205493-028	205493-029	205493-030
	Field ID : Depth : Matrix : Sampled :	2BS25 0.5 ft Soil Oct-24-2000	2BS26 1.0 ft Soil Oct-24-2000	2BS27 1.0 ft Soil Oct-24-2000	3BS28 0.5 ft Soil Oct-25-2000	3BS29 1.0 ft Soil Oct-25-2000	3BS30 0.5 ft Soil Oct-25-2000
SVOAs by EPA 8270C	Analyzed :	Nov-06-2000	Nov-06-2000	Nov-06-2000	Nov-07-2000		
	Units :	mg/kg	mg/kg	mg/kg	mg/kg		
		R.L	R.L	R.L	R.L		
Nitrobenzene		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
2-Nitrophenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
4-Nitrophenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
n-Nitrosodi-n-Propylamine		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
n-Nitrosodiphenylamine		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
di-n-Octyl Phthalate		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
Pentachlorophenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
Phenanthrene		BRL 0.067	BRL 0.067	BRL 0.067	BRL 0.067		
Phenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
Pyrene		0.144	BRL 0.067	BRL 0.067	0.139		
1,2,4-Trichlorobenzene		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
2,4,6-Trichlorophenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		
2,4,5-Trichlorophenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333		

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Eddie L. Clemons, II
 QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horskak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID :	205493-025	205493-026	205493-027	205493-028	205493-029	205493-030
	Field ID :	2BS25	2BS26	2BS27	3BS28	3BS29	3BS30
Depth :	0.5 ft	1.0 ft	1.0 ft	0.5 ft	1.0 ft	1.0 ft	0.5 ft
Matrix :	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sampled :	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
VOAs by SW-846 8260	Analyzed :	Nov-06-2000	Nov-06-2000	Nov-06-2000	Nov-06-2000	Nov-06-2000	Nov-06-2000
	Units :	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		R.L.	R.L.	R.L.	R.L.	R.L.	R.L.
Benzene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005
Bromobenzene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005
Bromochloromethane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005
Bromodichloromethane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005
Bromoform		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005
Bromomethane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005
MTBE		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005
tert-Butylbenzene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005
Sec-Butylbenzene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005
n-Butylbenzene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005
Carbon Tetrachloride		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005
Chlorobenzene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005
Chloroethane		BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010
Chloroform		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005
Chloromethane		BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010
2-Chlorotoluene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005
4-Chlorotoluene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005
p-Cymene (p-Isopropyltoluene)		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005

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Eddie L. Clemons, II
 QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Date Received in Lab: Thu Oct-26-00 05:26 PM

Project Manager: Randy Horskak

Date Report Faxed: wed Nov-08-00

Project Location:

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID:	205493-025	205493-026	205493-027	205493-028	205493-029	205493-030
	Field ID: Depth: Matrix: Sampled:	2BS25 0.5 ft Soil Oct-24-2000	2BS26 1.0 ft Soil Oct-24-2000	2BS27 1.0 ft Soil Oct-24-2000	3BS28 0.5 ft Soil Oct-25-2000	3BS29 1.0 ft Soil Oct-25-2000	3BS30 0.5 ft Soil Oct-25-2000
VOAs by SW-846 8260	Analyzed:	Nov-06-2000	Nov-06-2000	Nov-06-2000	Nov-06-2000		
	Units:	mg/kg	mg/kg	mg/kg	mg/kg		
		R L	R L	R L	R L		
1,2-Dibromo-3-Chloropropane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
Dibromochloromethane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
Dibromomethane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
1,2-Dichlorobenzene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
1,3-Dichlorobenzene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
1,4-Dichlorobenzene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
Dichlorodifluoromethane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
1,2-Dichloroethane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
1,1-Dichloroethane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
trans-1,2-dichloroethene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
cis-1,2-Dichloroethene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
1,1-Dichloroethene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
2,2-Dichloropropane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
1,3-Dichloropropane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
1,2-Dichloropropane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
trans-1,3-dichloropropene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
1,1-Dichloropropene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
cis-1,3-Dichloropropene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		

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3TM International, Houston, TX
Project Name: Crystal Spring, Miss.

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Date Report Faxed: wed Nov-08-00
XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03
Project Manager: Randy Horskak
Project Location:

Analysis Requested	Lab ID:	205493-025	205493-026	205493-027	205493-028	205493-029	205493-030
	Field ID: Depth: Matrix: Sampled:	2BS25 0.5 ft Soil Oct-24-2000	2BS26 1.0 ft Soil Oct-24-2000	2BS27 1.0 ft Soil Oct-24-2000	3BS28 0.5 ft Soil Oct-25-2000	3BS29 1.0 ft Soil Oct-25-2000	3BS30 0.5 ft Soil Oct-25-2000
VOAs by SW-846 8260	Analyzed:	Nov-06-2000	Nov-06-2000	Nov-06-2000	Nov-06-2000		
	Units:	mg/kg	mg/kg	mg/kg	mg/kg		
Ethylbenzene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
Hexachlorobutadiene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
isopropylbenzene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
Methylene Chloride		0.056 G	0.020	0.085 G	0.025 G		
Naphthalene		BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010		
n-Propylbenzene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
Styrene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
1,1,1,2-Tetrachloroethane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
1,1,1,2,2-Tetrachloroethane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
Tetrachloroethylene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
Toluene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
1,2,4-Trichlorobenzene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
1,2,3-Trichlorobenzene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
1,1,2-Trichloroethane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
1,1,1-Trichloroethane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
Trichloroethene		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
Trichlorofluoromethane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		
1,2,3-Trichloropropane		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005		

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Eddie L. Clemons, II
 QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Springs, Miss.

Date Received in Lab: Thu Oct-26-00 05:26 PM
Date Report Faxed: wed Nov-08-00
XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03
Project Manager: Randy Horsak
Project Location:

Analysis Requested	Lab ID:	205493-025	205493-026	205493-027	205493-028	205493-029	205493-030
	Field ID:	2BS25	2BS26	2BS27	3BS28	3BS29	3BS30
Depth:	0.5 ft	1.0 ft	1.0 ft	0.5 ft	1.0 ft	0.5 ft	0.5 ft
Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sampled:	Oct-24-2000	Oct-24-2000	Oct-24-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
Analyzed:	Nov-06-2000		Nov-06-2000	Nov-06-2000	Nov-06-2000		
Units:	mg/kg		mg/kg	mg/kg	mg/kg		
	RL	RL	RL	RL	RL		
1,2,4-Trimethylbenzene	BRL	0.005	BRL	0.005	BRL	0.005	
1,3,5-trimethylbenzene	BRL	0.005	BRL	0.005	BRL	0.005	
Vinyl Chloride	BRL	0.002	BRL	0.002	BRL	0.002	
o-Xylene	BRL	0.005	BRL	0.005	BRL	0.005	
m,p-Xylenes	BRL	0.010	BRL	0.010	BRL	0.010	

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QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX
Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03
Project Manager: Randy Horskak
Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM
Date Report Faxed: wed Nov-08-00
XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID:	205493-031	205493-032	205493-033	205493-034	205493-035	205493-036
	Field ID:	3BS31	3BS32	3BS33	3BS34	3BS35	3BS36
	Depth:	0.5 ft	1.0 ft	1.0 ft	1.0 ft	0.5 ft	0.5 ft
	Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
	Sampled:	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
SVOAs by EPA 8270C	Analyzed Units:						Nov-07-2000 mg/kg R L
Acenaphthene							BRL 0.067
Acenaphthylene							0.367 0.067
Acetophenone							BRL 0.333
Anthracene							0.188 0.067
Benzo(a)anthracene							0.639 0.067
Benzo(a)pyrene							0.816 0.067
Benzo(b)fluoranthene							0.274 0.067
Benzo(g,h,i)perylene							BRL 0.067
Benzo(k)fluoranthene							0.274 0.067
Atrazine							BRL 1.67
Benzaldehyde							BRL 1.67
Benzyl Alcohol							BRL 0.667
Benzyl Butyl Phthalate							BRL 0.333
bis(2-chloroethoxy) methane							BRL 0.333
bis(2-chloroethyl) ether							BRL 0.333
bis(2-chloroisopropyl) ether							BRL 0.333
bis(2-ethylhexyl) phthalate							BRL 0.333
4-Bromophenyl-phenylether							BRL 0.333

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3TM International, Houston, TX

Project Name: Crystal Springs, Miss.

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Date Received in Lab: Thu Oct-26-00 05:26 PM

Project Manager: Randy Horsak

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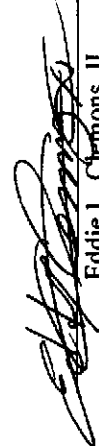
Project Location:

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID :		205493-031	205493-032	205493-033	205493-034	205493-035	205493-036
	Field ID :	Depth :						
	3BS31	0.5 ft	3BS32	1.0 ft	3BS33	3BS34	3BS35	3BS36
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sampled :	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
SVOAs by EPA 8270C	Analyzed :							Nov-07-2000
	Units :							mg/kg
di-n-Butyl Phthalate								BRL 0.333
4-chloro-3-methylphenol								BRL 0.667
4-Chloroaniline								BRL 0.667
2-Chloronaphthalene								BRL 0.333
2-Chlorophenol								BRL 0.333
4-Chlorophenyl Phenyl Ether								BRL 0.333
Chrysene								0.891 0.067
Dibenz(a,h)Anthracene								BRL 0.067
Dibenzofuran								BRL 0.333
1,2-Dichlorobenzene								BRL 0.333
1,3-Dichlorobenzene								BRL 0.333
1,4-Dichlorobenzene								BRL 0.333
3,3'-Dichlorobenzidine								BRL 0.333
2,4-Dichlorophenol								BRL 0.333
Diethyl Phthalate								BRL 0.333
Dimethyl Phthalate								BRL 0.333
2,4-Dimethylphenol								BRL 0.333
4,6-dinitro-2-methyl phenol								BRL 1.67

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Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horskak

Project Location:

Analysis Requested	Lab ID :	205493-031	205493-032	205493-033	205493-034	205493-035	205493-036
	Field ID :	3BS31	3BS32	3BS33	3BS34	3BS35	3BS36
	Depth :	0.5 ft	1.0 ft	1.0 ft	1.0 ft	0.5 ft	0.5 ft
	Matrix :	Soil	Soil	Soil	Soil	Soil	Soil
	Sampled :	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
SVOAs by EPA 8270C	Analyzed :						Nov-07-2000
	Units :						mg/kg
2,4-Dinitrophenol							BRL 1.67
2,4-Dinitrotoluene							BRL 0.333
2,6-Dinitrotoluene							BRL 0.333
Fluoranthene							1.68 0.067
Fluorene							BRL 0.067
Hexachlorobenzene							BRL 0.333
Hexachlorobutadiene							BRL 0.333
Hexachlorocyclopentadiene							BRL 0.333
Hexachloroethane							BRL 0.333
Indeno(1,2,3-c,d)Pyrene							BRL 0.067
Isophorone							BRL 0.333
2-Methylnaphthalene							0.078 0.067
2-methylpheno							BRL 0.333
3&4-Methylphenol							BRL 0.333
Naphthalene							BRL 0.067
4-Nitroaniline							BRL 0.667
3-Nitroaniline							BRL 1.67
2-Nitroaniline							BRL 1.67

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 N = See Narrative, D = Analyte Reported from Dilution Analysis, E = Estimated Concentration

Eddie L. Clemons, II
 QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horskak

Project Location:

Analysis Requested	Lab ID:	205493-031	205493-032	205493-033	205493-034	205493-035	205493-036
	Field ID:	3BS31	3BS32	3BS33	3BS34	3BS35	3BS36
Depth:	0.5 ft	1.0 ft	1.0 ft	1.0 ft	0.5 ft	0.5 ft	0.5 ft
Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sampled:	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
Analyzed:							Nov-07-2000
Units:							mg/kg R L
Nitrobenzene							BRL 0.333
2-Nitrophenol							BRL 0.333
4-Nitrophenol							BRL 0.333
n-Nitrosodi-n-Propylamine							BRL 0.333
n-Nitrosodiphenylamine							BRL 0.333
di-n-Octyl Phthalate							BRL 0.333
Pentachlorophenol							BRL 0.333
Phenanthrene							1.18 0.067
Phenol							BRL 0.333
Pyrene							1.45 0.067
1,2,4-Trichlorobenzene							BRL 0.333
2,4,6-Trichlorophenol							BRL 0.333
2,4,5-Trichlorophenol							BRL 0.333

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 QA/QC Director



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3TM International, Houston, TX

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Project ID: 3TM DNA 102000-03

Project Manager: Randy Horskak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID:	205493-031	205493-032	205493-033	205493-034	205493-035	205493-036
	Field ID:	3BS31	3BS32	3BS33	3BS34	3BS35	3BS36
Depth:	0.5 ft	1.0 ft	1.0 ft	1.0 ft	0.5 ft	0.5 ft	0.5 ft
Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sampled:	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
VOAs by SW-846 8260	Analyzed:						Nov-06-2000
Units:	mg/kg						R L
Benzene							BRL 0.005
Bromobenzene							BRL 0.005
Bromochloromethane							BRL 0.005
Bromodichloromethane							BRL 0.005
Bromoform							BRL 0.005
Bromomethane							BRL 0.005
MTBE							BRL 0.005
tert-Butylbenzene							BRL 0.005
Sec-Butylbenzene							BRL 0.005
n-Butylbenzene							BRL 0.005
Carbon Tetrachloride							BRL 0.005
Chlorobenzene							BRL 0.005
Chloroethane							BRL 0.010
Chloroform							BRL 0.005
Chloromethane							BRL 0.005
2-Chlorotoluene							BRL 0.005
4-Chlorotoluene							BRL 0.005
p-Cymene (p-Isopropyltoluene)							BRL 0.005

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Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horskak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: wcd Nov-08-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID :	205493-031	205493-032	205493-033	205493-034	205493-035	205493-036
	Field ID :	3BS31	3BS32	3BS33	3BS34	3BS35	3BS36
Depth :	0.5 ft	1.0 ft	1.0 ft	1.0 ft	0.5 ft	0.5 ft	0.5 ft
Matrix :	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sampled :	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
VOAs by SW-846 8260	Analyzed :						Nov-06-2000
Units :							mg/kg
1,2-Dibromo-3-Chloropropane							BRL 0.005
Dibromochloromethane							BRL 0.005
Dibromomethane							BRL 0.005
1,2-Dichlorobenzene							BRL 0.005
1,3-Dichlorobenzene							BRL 0.005
1,4-Dichlorobenzene							BRL 0.005
Dichlorodifluoromethane							BRL 0.005
1,2-Dichloroethane							BRL 0.005
1,1-Dichloroethane							BRL 0.005
trans-1,2-dichloroethene							BRL 0.005
cis-1,2-Dichloroethene							BRL 0.005
1,1-Dichloroethene							BRL 0.005
2,2-Dichloropropane							BRL 0.005
1,3-Dichloropropane							BRL 0.005
1,2-Dichloropropane							BRL 0.005
trans-1,3-dichloropropene							BRL 0.005
1,1-Dichloropropene							BRL 0.005
cis-1,3-Dichloropropene							BRL 0.005

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Project ID: 3TM DNA 102000-03

Date Report Faxed: wed Nov-08-00

Project Manager: Randy Horsak

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID:	205493-031	205493-032	205493-033	205493-034	205493-035	205493-036
	Field ID:	3BS31	3BS32	3BS33	3BS34	3BS35	3BS36
	Depth:	0.5 ft	1.0 ft	1.0 ft	1.0 ft	0.5 ft	0.5 ft
	Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
	Sampled:	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
VOAs by SW-846 8260	Analyzed:						Nov-06-2000
	Units:						mg/kg
Ethylbenzene							BRL 0.005
Hexachlorobutadiene							BRL 0.005
isopropylbenzene							BRL 0.005
Methylene Chloride							0.087 G 0.020
Naphthalene							BRL 0.010
n-Propylbenzene							BRL 0.005
Styrene							BRL 0.005
1,1,1,2-Tetrachloroethane							BRL 0.005
1,1,2,2-Tetrachloroethane							BRL 0.005
Tetrachloroethylene							BRL 0.005
Toluene							BRL 0.005
1,2,4-Trichlorobenzene							BRL 0.005
1,2,3-Trichlorobenzene							BRL 0.005
1,1,2-Trichloroethane							BRL 0.005
1,1,1-Trichloroethane							BRL 0.005
Trichloroethene							BRL 0.005
Trichlorofluoromethane							BRL 0.005
1,2,3-Trichloropropane							BRL 0.005

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QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horskak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID : Field ID : Depth : Matrix : Sampled :	205493-031 3BS31 0.5 ft Soil Oct-25-2000	205493-032 3BS32 1.0 ft Soil Oct-25-2000	205493-033 3BS33 1.0 ft Soil Oct-25-2000	205493-034 3BS34 1.0 ft Soil Oct-25-2000	205493-035 3BS35 0.5 ft Soil Oct-25-2000	205493-036 3BS36 0.5 ft Soil Oct-25-2000
VOAs by SW-846 8260	Analyzed : Units :						Nov-06-2000 mg/kg R L
1,2,4-Trimethylbenzene							BRL 0.005
1,3,5-trimethylbenzene							BRL 0.005
Vinyl Chloride							BRL 0.002
o-Xylene							BRL 0.005
m,p-Xylenes							BRL 0.010

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 XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03
 Project Manager: Randy Horsak
 Project Location:

Analysis Requested	Lab ID:	205493-037	205493-038	205493-039	205493-040	205493-041	205493-042
	Field ID: Depth: Matrix: Sampled:	3BS37 1.0 ft Soil Oct-25-2000	3BS38 1.0 ft Soil Oct-25-2000	3BS39 1.0 ft Soil Oct-25-2000	4BS40 1.0 ft Soil Oct-25-2000	4BS41 0.5 ft Soil Oct-25-2000	4BS42 1.0 ft Soil Oct-25-2000
SVOAs by EPA 8270C	Analyzed: Units:		Nov-07-2000 mg/kg				
Acenaphthene	R L						
Acenaphthylene	BRL 0.067						
Acetophenone	0.142 0.067						
Anthracene	BRL 0.333						
Benzo(a)anthracene	0.080 0.067						
Benzo(a)pyrene	0.262 0.067						
Benzo(b)fluoranthene	0.325 0.067						
Benzo(g,h,i)perylene	0.112 0.067						
Benzo(k)fluoranthene	0.115 0.067						
Atrazine	0.112 0.067						
Benzaldehyde	BRL 1.67						
Benzyl Alcohol	BRL 1.67						
Benzyl Butyl Phthalate	BRL 0.667						
bis(2-chloroethoxy) methane	BRL 0.333						
bis(2-chloroethyl) ether	BRL 0.333						
bis(2-chloroisopropyl) ether	BRL 0.333						
bis(2-ethylhexyl) phthalate	BRL 0.333						
4-Bromophenyl-phenylether	BRL 0.333						

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Project ID: 3TM DNA 102000-03
 Project Manager: Randy Horsak
 Project Location:

Analysis Requested	Lab ID: Field ID: Depth: Matrix: Sampled:	205493-037 3BS37 1.0 ft Soil Oct-25-2000	205493-038 3BS38 1.0 ft Soil Oct-25-2000	205493-039 3BS39 1.0 ft Soil Oct-25-2000	205493-040 4BS40 1.0 ft Soil Oct-25-2000	205493-041 4BS41 0.5 ft Soil Oct-25-2000	205493-042 4BS42 1.0 ft Soil Oct-25-2000
SVOAs by EPA 8270C	Analyzed: Units:		Nov-07-2000 mg/kg R L				
di-n-Butyl Phthalate			BRL 0.333				
4-chloro-3-methylphenol			BRL 0.667				
4-Chloroaniline			BRL 0.667				
2-Chloronaphthalene			BRL 0.333				
2-Chlorophenol			BRL 0.333				
4-Chlorophenyl Phenyl Ether			BRL 0.333				
Chrysene			0.354 0.067				
Dibenz(a,h)Anthracene			BRL 0.067				
Dibenzofuran			BRL 0.333				
1,2-Dichlorobenzene			BRL 0.333				
1,3-Dichlorobenzene			BRL 0.333				
1,4-Dichlorobenzene			BRL 0.333				
3,3'-Dichlorobenzidine			BRL 0.333				
2,4-Dichlorophenol			BRL 0.333				
Diethyl Phthalate			BRL 0.333				
Dimethyl Phthalate			BRL 0.333				
2,4-Dimethylphenol			BRL 0.333				
4,6-dinitro-2-methyl phenol			BRL 1.67				

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XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horsak

Project Location:

Analysis Requested	Lab ID :	205493-037	205493-038	205493-039	205493-040	205493-041	205493-042
	Field ID :	3BS37	3BS38	3BS39	4BS40	4BS41	4BS42
Depth :	1.0 ft	1.0 ft	1.0 ft	1.0 ft	0.5 ft	1.0 ft	1.0 ft
Matrix :	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sampled :	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
Analyzed :			Nov-07-2000				
Units :			mg/kg				
			R L				
2,4-Dinitrophenol		BRL	1.67				
2,4-Dinitrotoluene		BRL	0.333				
2,6-Dinitrotoluene		BRL	0.333				
Fluoranthene		0.646	0.067				
Fluorene		BRL	0.067				
Hexachlorobenzene		BRL	0.333				
Hexachlorobutadiene		BRL	0.333				
Hexachlorocyclopentadiene		BRL	0.333				
Hexachloroethane		BRL	0.333				
Indeno(1,2,3-c,d)Pyrene		0.146	0.067				
Isophorone		BRL	0.333				
2-Methylnaphthalene		BRL	0.067				
2-methylphenol		BRL	0.333				
3&4-Methylphenol		BRL	0.333				
Naphthalene		BRL	0.067				
4-Nitroaniline		BRL	0.667				
3-Nitroaniline		BRL	1.67				
2-Nitroaniline		BRL	1.67				

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Project ID: 3TM DNA 102000-03


Project Manager: Randy Horskak

Project Location:

<i>Analysis Requested</i>	<i>Lab ID:</i>	<i>Field ID:</i>	<i>Depth:</i>	<i>Matrix:</i>	<i>Sampled:</i>	<i>205493-038</i>	<i>205493-039</i>	<i>205493-040</i>	<i>205493-041</i>	<i>205493-042</i>
SVOAs by EPA 8270C										
Nitrobenzene		3BS37	1.0 ft	Soil	Oct-25-2000	3BS38 1.0 ft Soil Oct-25-2000	3BS39 1.0 ft Soil Oct-25-2000	4BS40 1.0 ft Soil Oct-25-2000	4BS41 0.5 ft Soil Oct-25-2000	4BS42 1.0 ft Soil Oct-25-2000
2-Nitrophenol						BRL 0.333				
4-Nitrophenol						BRL 0.333				
n-Nitrosodi-n-Propylamine						BRL 0.333				
n-Nitrosodiphenylamine						BRL 0.333				
di-n-Octyl Phthalate						BRL 0.333				
Pentachlorophenol						BRL 0.333				
Phenanthrene						0.441 0.067				
Phenol						BRL 0.333				
Pyrene						0.513 0.067				
1,2,4-Trichlorobenzene						BRL 0.333				
2,4,6-Trichlorophenol						BRL 0.333				
2,4,5-Trichlorophenol						BRL 0.333				

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Project ID: 3TM DNA 102000-03
 Project Manager: Randy Horskak
 Project Location:

<i>Analysis Requested</i>	<i>Lab ID : Field ID : Depth : Matrix : Sampled :</i>	<i>205493-037 3DS37 1.0 ft Soil Oct-25-2000</i>	<i>205493-038 3BS38 1.0 ft Soil Oct-25-2000</i>	<i>205493-039 3BS39 1.0 ft Soil Oct-25-2000</i>	<i>205493-040 4BS40 1.0 ft Soil Oct-25-2000</i>	<i>205493-041 4BS41 0.5 ft Soil Oct-25-2000</i>	<i>205493-042 4BS42 1.0 ft Soil Oct-25-2000</i>
VOAs by SW-846 8260	<i>Analyzed :</i>						
	<i>Units :</i>		mg/kg				
Benzene			R L				
Bromobenzene			BRL 0.005				
Bromochloromethane			BRL 0.005				
Bromodichloromethane			BRL 0.005				
Bromoform			BRL 0.005				
Bromomethane			BRL 0.005				
MTBE			BRL 0.005				
tert-Butylbenzene			BRL 0.005				
Sec-Butylbenzene			BRL 0.005				
n-Butylbenzene			BRL 0.005				
Carbon Tetrachloride			BRL 0.005				
Chlorobenzene			BRL 0.005				
Chloroethane			BRL 0.010				
Chloroform			BRL 0.005				
Chloromethane			BRL 0.010				
2-Chlorotoluene			BRL 0.005				
4-Chlorotoluene			BRL 0.005				
p-Cymene (p-Isopropyltoluene)			BRL 0.005				

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XENCO Contact: Brent Barron, FI

Analysis Requested	Lab ID: Field ID: Depth: Matrix: Sampled:	205493-037 3BS37 1.0 ft Soil Oct-25-2000	205493-038 3BS38 1.0 ft Soil Oct-25-2000	205493-039 3BS39 1.0 ft Soil Oct-25-2000	205493-040 4BS40 1.0 ft Soil Oct-25-2000	205493-041 4BS41 0.5 ft Soil Oct-25-2000	205493-042 4BS42 1.0 ft Soil Oct-25-2000
VOAs by SW-846 8260	Analyzed: Units:		Nov-06-2000 mg/kg R L				
1,2-Dibromo-3-Chloropropane			BRL 0.005				
Dibromochloromethane			BRL 0.005				
Dibromomethane			BRL 0.005				
1,2-Dichlorobenzene			BRL 0.005				
1,3-Dichlorobenzene			BRL 0.005				
1,4-Dichlorobenzene			BRL 0.005				
Dichlorodifluoromethane			BRL 0.005				
1,2-Dichloroethane			BRL 0.005				
1,1-Dichloroethane			BRL 0.005				
trans-1,2-dichloroethene			BRL 0.005				
cis-1,2-Dichloroethene			BRL 0.005				
1,1-Dichloroethene			BRL 0.005				
2,2-Dichloropropane			BRL 0.005				
1,3-Dichloropropane			BRL 0.005				
1,2-Dichloropropane			BRL 0.005				
trans-1,3-dichloropropene			BRL 0.005				
1,1-Dichloropropene			BRL 0.005				
cis-1,3-Dichloropropene			BRL 0.005				

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 N = See Narrative, D = Analyte Reported from Dilution Analysis, E = Estimated Concentration

Eddie L. Clemons, II
QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Date Received in Lab: Thu Oct-26-00 05:26 PM
Date Report Faxed: wed Nov-08-00
XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03
Project Manager: Randy Horsak
Project Location:

Analysis Requested	Lab ID:	205493-037	205493-038	205493-039	205493-040	205493-041	205493-042
	Field ID:	3BS37	3BS38	3BS39	4BS40	4BS41	4BS42
Depth:	1.0 ft	1.0 ft	1.0 ft	1.0 ft	0.5 ft	1.0 ft	1.0 ft
Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sampled:	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
VOAs by SW-846 8260	Analyzed:		Nov-06-2000				
	Units:		mg/kg				
Ethylbenzene	R L						
Hexachlorobutadiene	BRL 0.005						
isopropylbenzene	BRL 0.005						
Methylene Chloride	BRL 0.005						
Naphthalene	0.024 G						
n-Propylbenzene	BRL 0.010						
Styrene	BRL 0.005						
1,1,1,2-Tetrachloroethane	BRL 0.005						
1,1,2,2-Tetrachloroethane	BRL 0.005						
Tetrachloroethylene	BRL 0.005						
Toluene	BRL 0.005						
1,2,4-Trichlorobenzene	BRL 0.005						
1,2,3-Trichlorobenzene	BRL 0.005						
1,1,2-Trichloroethane	BRL 0.005						
1,1,1-Trichloroethane	BRL 0.005						
Trichloroethene	BRL 0.005						
Trichlorofluoromethane	BRL 0.005						
1,2,3-Trichloropropane	BRL 0.005						

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Eddie L. Clemons, II
QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horsk

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM


Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID :	205493-037	205493-038	205493-039	205493-040	205493-041	205493-042
	Field ID :	3BS37	3BS38	3BS39	4BS40	4BS41	4BS42
Depth :	1.0 ft	1.0 ft	1.0 ft	1.0 ft	0.5 ft	1.0 ft	1.0 ft
Matrix :	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sampled :	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
Analyzed :		Nov-06-2000					
Units :		mg/kg	mg/kg				
VOAs by SW-846 8260							
1,2,4-Trimethylbenzene		BRL 0.005	R.L.				
1,3,5-trimethylbenzene		BRL 0.005					
Vinyl Chloride		BRL 0.002					
o-Xylene		BRL 0.005					
m,p-Xylenes		BRL 0.010					

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Eddie L. Clemons, II
 QA/QC Director

3TM International, Houston, TX

Project Name: Crystal Springs, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Hlorsak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM


Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

Analysis Requested	205493-043		205493-044		205493-045		205493-046		205493-047					
	Lab ID: Field ID: Depth: Matrix: Sampled:	mg/kg	R.L.	mg/kg	R.L.	mg/kg	R.L.	mg/kg	R.L.	mg/kg	R.L.			
SVOAs by EPA 8270C	4BS43 1.0 ft Soil Oct-25-2000			4BS44 1.0 ft Soil Oct-25-2000			4BS45 1.0 ft Soil Oct-25-2000			4BS46 0.5 ft Soil Oct-25-2000		4BS47 1.0 ft Soil Oct-25-2000		
Acenaphthene														
Acenaphthylene														
Acetophenone														
Anthracene														
Benzo(a)anthracene														
Benzo(a)pyrene														
Benzo(b)fluoranthene														
Benzo(g,h,i)perylene														
Benzo(k)fluoranthene														
Atrazine														
Benzaldehyde														
Benzyl Alcohol														
Benzyl Butyl Phthalate														
bis(2-chloroethoxy) methane														
bis(2-chloroethyl) ether														
bis(2-chloroisopropyl) ether														
bis(2-ethylhexyl) phthalate														
4-Bromophenyl-phenylether														

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Eddie L. Clemmons, II
QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horsak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID :	205493-043	205493-044	205493-045	205493-046	205493-047
	Field ID :	4BS43	4BS44	4BS45	4BS46	4BS47
	Depth :	1.0 ft	1.0 ft	1.0 ft	0.5 ft	1.0 ft
	Matrix :	Soil	Soil	Soil	Soil	Soil
	Sampled :	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
SVOAs by EPA 8270C	Analyzed :					
	Units :				mg/kg	mg/kg
di-n-Butyl Phthalate				BRL 0.333	BRL 0.333	BRL 0.333
4-chloro-3-methylphenol				BRL 0.667	BRL 0.667	BRL 0.667
4-Chloroaniline				BRL 0.667	BRL 0.667	BRL 0.667
2-Chloronaphthalene				BRL 0.333	BRL 0.333	BRL 0.333
2-Chlorophenol				BRL 0.333	BRL 0.333	BRL 0.333
4-Chlorophenyl Phenyl Ether				BRL 0.333	BRL 0.333	BRL 0.333
Chrysene				0.436 0.067	0.984 0.067	0.905 0.067
Dibenz(a,h)Anthracene				BRL 0.067	0.076 0.067	BRL 0.067
Dibenzofuran				BRL 0.333	BRL 0.333	BRL 0.333
1,2-Dichlorobenzene				BRL 0.333	BRL 0.333	BRL 0.333
1,3-Dichlorobenzene				BRL 0.333	BRL 0.333	BRL 0.333
1,4-Dichlorobenzene				BRL 0.333	BRL 0.333	BRL 0.333
3,3'-Dichlorobenzidine				BRL 0.333	BRL 0.333	BRL 0.333
2,4-Dichlorophenol				BRL 0.333	BRL 0.333	BRL 0.333
Diethyl Phthalate				BRL 0.333	BRL 0.333	BRL 0.333
Dimethyl Phthalate				BRL 0.333	BRL 0.333	BRL 0.333
2,4-Dimethylphenol				BRL 0.333	BRL 0.333	BRL 0.333
4,6-dinitro-2-methyl phenol				BRL 1.67	BRL 1.67	BRL 1.67

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Eddie L. Clemons, II
 QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horskak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM


Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID :	Field ID :	Depth :	Matrix :	Sampled :	205493-043	205493-044	205493-045	205493-046	205493-047
	Field ID :	Depth :	Matrix :	Sampled :	205493-043	205493-044	205493-045	205493-046	205493-047	
SVOAs by EPA 8270C	Analyzed :	Units :								
2,4-Dinitrophenol										
2,4-Dinitrotoluene										
2,6-Dinitrotoluene										
Fluoranthene										
Fluorene										
Hexachlorobenzene										
Hexachlorobutadiene										
Hexachlorocyclopentadiene										
Hexachloroethane										
Indeno(1,2,3-c,d)Pyrene										
Isophorone										
2-Methylnaphthalene										
2-methylphenol										
3&4-Methylphenol										
Naphthalene										
4-Nitroaniline										
3-Nitroaniline										
2-Nitroaniline										

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Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horsak

Project Location:

Analysis Requested	Lab ID: Field ID: Depth: Matrix: Sampled:	205493-043 4BS43 1.0 ft Soil Oct-25-2000	205493-044 4BS44 1.0 ft Soil Oct-25-2000	205493-045 4BS45 1.0 ft Soil Oct-25-2000	205493-046 4BS46 0.5 ft Soil Oct-25-2000	205493-047 4BS47 1.0 ft Soil Oct-25-2000
SVOAs by EPA 8270C	Analyzed: Units:	Nov-07-2000 mg/kg	Nov-07-2000 mg/kg	Nov-07-2000 mg/kg	Nov-07-2000 mg/kg	Nov-07-2000 mg/kg
Nitrobenzene		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333
2-Nitrophenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333
4-Nitrophenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333
n-Nitrosodi-n-Propylamine		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333
n-Nitrosodiphenylamine		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333
di-n-Octyl Phthalate		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333
Pentachlorophenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333
Phenanthrene		0.238	0.067	0.984	0.067	0.418
Phenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333
Pyrene		0.548	0.067	1.38	0.067	1.10
1,2,4-Trichlorobenzene		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333
2,4,6-Trichlorophenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333
2,4,5-Trichlorophenol		BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333	BRL 0.333

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Eddie L. Clemons, II
 QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horskak

Project Location:

Analysis Requested	Lab ID : Field ID : Depth : Matrix : Sampled :	205493-043 4BS43 1.0 ft Soil Oct-25-2000	205493-044 4BS44 1.0 ft Soil Oct-25-2000	205493-045 4BS45 1.0 ft Soil Oct-25-2000	205493-046 4BS46 0.5 ft Soil Oct-25-2000	205493-047 4BS47 1.0 ft Soil Oct-25-2000
VOAs by SW-846 8260	Analyzed : Units :			mg/kg Nov-06-2000		
Benzene				BRL 0.005 R L		
Bromobenzene				BRL 0.005		
Bromochloromethane				BRL 0.005		
Bromodichloromethane				BRL 0.005		
Bromoform				BRL 0.005		
Bromomethane				BRL 0.005		
MTBE				BRL 0.005		
tert-Butylbenzene				BRL 0.005		
Sec-Butylbenzene				BRL 0.005		
n-Butylbenzene				BRL 0.005		
Carbon Tetrachloride				BRL 0.005		
Chlorobenzene				BRL 0.005		
Chloroethane				BRL 0.010		
Chloroform				BRL 0.005		
Chloromethane				BRL 0.010		
2-Chlorotoluene				BRL 0.005		
4-Chlorotoluene				BRL 0.005		
p-Cymene (p-Isopropyltoluene)				BRL 0.005		

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Eddie L. Clements, II
QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horskak

Project Location:

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

Analysis Requested	Lab ID: Field ID: Depth: Matrix: Sampled:	205493-043 4BS43 1.0 ft Soil Oct-25-2000	205493-044 4BS44 1.0 ft Soil Oct-25-2000	205493-045 4BS45 1.0 ft Soil Oct-25-2000	205493-046 4BS46 0.5 ft Soil Oct-25-2000	205493-047 4BS47 1.0 ft Soil Oct-25-2000
VOAs by SW-846 8260	Analyzed: Units:					
1,2-Dibromo-3-Chloropropane				Nov-06-2000 mg/kg R L		
Dibromochloromethane				BRL 0.005		
Dibromomethane				BRL 0.005		
1,2-Dichlorobenzene				BRL 0.005		
1,3-Dichlorobenzene				BRL 0.005		
1,4-Dichlorobenzene				BRL 0.005		
Dichlorodifluoromethane				BRL 0.005		
1,2-Dichloroethane				BRL 0.005		
1,1-Dichloroethane				BRL 0.005		
trans-1,2-dichloroethene				BRL 0.005		
cis-1,2-Dichloroethene				BRL 0.005		
1,1-Dichloroethene				BRL 0.005		
2,2-Dichloropropane				BRL 0.005		
1,3-Dichloropropane				BRL 0.005		
1,2-Dichloropropane				BRL 0.005		
trans-1,3-dichloropropene				BRL 0.005		
1,1-Dichloropropene				BRL 0.005		
cis-1,3-Dichloropropene				BRL 0.005		

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Eddie L. Clemons, II
 QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Spring, Miss.

Date Received in Lab: Thu Oct-26-00 05:26 PM
 Date Report Faxed: wcd Nov-08-00
 XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03
Project Manager: Randy Horskak
Project Location:

Analysis Requested	Lab ID:	205493-043	205493-044	205493-045	205493-046	205493-047
	Field ID:	4BS43	4BS44	4BS45	4BS46	4BS47
	Depth:	1.0 ft	1.0 ft	1.0 ft	0.5 ft	1.0 ft
	Matrix:	Soil	Soil	Soil	Soil	Soil
	Sampled:	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000	Oct-25-2000
VOAs by SW-846 8260	Analyzed:			Nov-06-2000		
	Units:			mg/kg		
Ethylbenzene				BRL 0.005		
Hexachlorobutadiene				BRL 0.005		
isopropylbenzene				BRL 0.005		
Methylene Chloride				BRL 0.020		
Naphthalene				BRL 0.010		
n-Propylbenzene				BRL 0.005		
Styrene				BRL 0.005		
1,1,1,2-Tetrachloroethane				BRL 0.005		
1,1,2,2-Tetrachloroethane				BRL 0.005		
Tetrachloroethylene				BRL 0.005		
Toluene				BRL 0.005		
1,2,4-Trichlorobenzene				BRL 0.005		
1,2,3-Trichlorobenzene				BRL 0.005		
1,1,2-Trichloroethane				BRL 0.005		
1,1,1-Trichloroethane				BRL 0.005		
Trichloroethene				BRL 0.005		
Trichlorofluoromethane				BRL 0.005		
1,2,3-Trichloropropane				BRL 0.005		

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Eddie L. Clements, II
 QA/QC Director



Certificate of Analysis Summary 205493

3TM International, Houston, TX

Project Name: Crystal Springs, Miss.

Date Received in Lab: Thu Oct-26-00 05:26 PM

Date Report Faxed: wed Nov-08-00

XENCO Contact: Brent Barron, II

Project ID: 3TM DNA 102000-03

Project Manager: Randy Horsak

Project Location:

Analysis Requested	Lab ID : Field ID : Depth : Matrix : Sampled :	205493-043 4BS43 1.0 ft Soil Oct-25-2000	205493-044 4BS44 1.0 ft Soil Oct-25-2000	205493-045 4BS45 1.0 ft Soil Oct-25-2000	205493-046 4BS46 0.5 ft Soil Oct-25-2000	205493-047 4BS47 1.0 ft Soil Oct-25-2000
VOAs by SW-846 8260	Analyzed : Units :			Nov-06-2000 mg/kg R L		
1,2,4-Trimethylbenzene				BRL 0.005		
1,3,5-trimethylbenzene				BRL 0.005		
Vinyl Chloride				BRL 0.002		
o-Xylene				BRL 0.005		
m,p-Xylenes				BRL 0.010		

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Eddie L. Clemons, II
QA/QC Director



Certificate of Quality Control

Analytical Report: 205493

Project Name: Crystal Spring, Miss.

Project ID: 3TM DNA 102000-03

Lab Batch #: 209552

Reporting Units: mg/kg

Matrix: Solid

BLANK /BLANK SPIKE RECOVERY STUDY

SVOAs by EPA 8270C Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Acenaphthene	<0.067	1.67	1.25	74.9	41-134	
4-Chloro-3-methylphenol	<0.667	1.67	1.06	63.5	28-134	
2-Chlorophenol	<0.333	1.67	1.04	62.3	25-140	
1,4-Dichlorobenzene	<0.333	1.67	1.03	61.7	36-134	
2,4-Dinitrotoluene	<0.333	1.67	1.05	62.9	40-130	
4-Nitrophenol	<0.333	1.67	0.626	37.5	10-80	
n-Nitrosodi-n-Propylamine	<0.333	1.67	1.31	78.4	53-130	
Pentachlorophenol	<0.333	1.67	0.863	51.7	40-111	
Phenol	<0.333	1.67	1.06	63.5	27-127	
Pyrene	<0.067	1.67	1.38	82.6	41-144	
1,2,4-Trichlorobenzene	<0.333	1.67	1.08	64.7	37-133	

Lab Batch #: 209580

Reporting Units: mg/kg

Matrix: Solid

BLANK /BLANK SPIKE RECOVERY STUDY

VOAs by SW-846 8260 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Benzene	<0.005	0.05	0.053	106.0	66-142	
Chlorobenzene	<0.005	0.05	0.054	108.0	60-133	
1,1-Dichloroethene	<0.005	0.05	0.047	94.0	59-172	
Toluene	<0.005	0.05	0.058	116.0	59-139	
Trichloroethene	<0.005	0.05	0.054	108.0	62-137	

Lab Batch #: 209597

Reporting Units: mg/kg

Matrix: Solid

BLANK /BLANK SPIKE RECOVERY STUDY

VOAs by SW-846 8260 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Benzene	<0.005	0.05	0.055	110.0	66-142	
Chlorobenzene	<0.005	0.05	0.056	112.0	60-133	
1,1-Dichloroethene	<0.005	0.05	0.051	102.0	59-172	
Toluene	<0.005	0.05	0.059	118.0	59-139	
Trichloroethene	<0.005	0.05	0.055	110.0	62-137	

Spike Recovery [D] = 100*(C)/[B]
All results are based on MDL and validated for QC purposes.



Certificate of Quality Control

Analytical Report: 205493

Project Name: Crystal Spring, Miss.
Project ID: 3TM DNA 102000-03

Lab Batch #: 209685

Reporting Units: mg/kg

Matrix: Solid

BLANK /BLANK SPIKE RECOVERY STUDY

VOAs by SW-846 8260 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Benzene	<0.005	0.05	0.050	100.0	66-142	
Chlorobenzene	<0.005	0.05	0.050	100.0	60-133	
1,1-Dichloroethene	<0.005	0.05	0.047	94.0	59-172	
Toluene	<0.005	0.05	0.051	102.0	59-139	
Trichloroethene	<0.005	0.05	0.051	102.0	62-137	

Blank Spike Recovery [D] = 100*(C)/[B]
All results are based on MDL and validated for QC purposes.



Form 3 - MS / MSD Recoveries

Analytical Report: 205493

Project Name: Crystal Spring, Miss.

Lab Batch ID: 209552

Project ID: 3TM DNA 102000-03

QC- Sample ID: 205557-002

Reporting Units: mg/kg

Matrix: Solid

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

SVOAs by EPA 8270C Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										Flag
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Duplicate Spiked Sample Result [E]	Spiked Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD		
Acenaphthene	<0.067	1.67	1.47	88	1.50	90	2	41-134	19		
4-Chloro-3-methylphenol	<0.667	1.67	1.32	79	1.31	78	1	28-134	27.6		
2-Chlorophenol	<0.333	1.67	1.29	77	1.22	73	6	25-140	50		
1,4-Dichlorobenzene	<0.333	1.67	1.31	78	1.22	73	7	36-134	27		
2,4-Dinitrotoluene	<0.333	1.67	1.55	93	1.49	89	4	40-130	25		
4-Nitrophenol	<0.333	1.67	1.40	84	1.39	83	1	10-80	50	A	
n-Nitrosodi-n-Propylamine	<0.333	1.67	1.41	84	1.42	85	1	53-130	38		
Pentachlorophenol	<0.333	1.67	1.14	68	1.22	73	7	40-111	47		
Phenol	<0.333	1.67	1.34	80	1.32	79	2	27-127	35		
Pyrene	<0.067	1.67	1.69	101	1.82	109	7	41-144	36		
1,2,4-Trichlorobenzene	<0.333	1.67	1.38	83	1.28	77	8	37-133	23		

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
 Matrix Spike Duplicate Percent Recovery [F] = 100*(E-A)/B
 Relative Percent Difference RPD = 200*(C-E)/(C+E)
 All Results are based on MDL and validated for QC purposes



Form 3 - MS / MSD Recoveries

Analytical Report: 205493

Project Name: Crystal Spring, Miss.

Lab Batch ID: 209580

Project ID: 3TM DNA 102000-03

QC- Sample ID: 205551-002

Reporting Units: mg/kg Matrix: Solid

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Duplicate Spiked Sample Result [E]	Spiked Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag	
VOAs by SW-846 8260										
Analytes										
Benzene	<0.006	0.05	0.047	94	0.047	94	66-142	21		
Chlorobenzene	<0.006	0.05	0.046	92	0.047	94	60-133	21		
1,1-Dichloroethene	<0.006	0.05	0.043	86	0.045	90	59-172	22		
Toluene	<0.006	0.05	0.047	94	0.047	94	59-139	21		
Trichloroethene	<0.006	0.05	0.043	86	0.044	88	62-137	24		

Lab Batch ID: 209597

QC- Sample ID: 205493-003

Reporting Units: mg/kg Matrix: Solid

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Duplicate Spiked Sample Result [E]	Spiked Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag	
VOAs by SW-846 8260										
Analytes										
Benzene	<0.005	0.05	0.043	86	0.044	88	66-142	21		
Chlorobenzene	<0.005	0.05	0.027	54	0.028	56	60-133	21	A	
1,1-Dichloroethene	<0.005	0.05	0.039	78	0.041	82	59-172	22		
Toluene	<0.005	0.05	0.035	70	0.036	72	59-139	21		
Trichloroethene	<0.005	0.05	0.033	66	0.034	68	62-137	24		

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
 Matrix Spike Duplicate Percent Recovery [F] = 100*(E-A)/B
 Relative Percent Difference RPD = 200*(C-E)/(C+E)
 All Results are based on MDL and validated for QC purposes



Form 3 - MS / MSD Recoveries

Analytical Report: 205493

Project Name: Crystal Spring, Miss.

Lab Batch ID: 209685

Project ID: 3TM DNA 102000-03

QC-Sample ID: 205643-002

Reporting Units: mg/kg

Matrix: Solid

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Duplicate Spiked Sample Result [E]	Spiked Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
VOAs by SW-846 8260	<0.005	0.05	0.055	110	0.057	114	4	66-142	21	
Benzene	<0.005	0.05	0.055	110	0.056	112	2	60-133	21	
Chlorobenzene	<0.005	0.05	0.056	112	0.058	116	4	59-172	22	
1,1-Dichloroethene	<0.005	0.05	0.055	110	0.054	108	2	59-139	21	
Toluene	<0.005	0.05	0.053	106	0.053	106	0	62-137	24	
Trichloroethene										

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
 Matrix Spike Duplicate Percent Recovery [F] = 100*(E-A)/B
 Relative Percent Difference RPD = 200*(C-E)/(C+E)
 All Results are based on MDL and validated for QC purposes

Library Search Compound Report

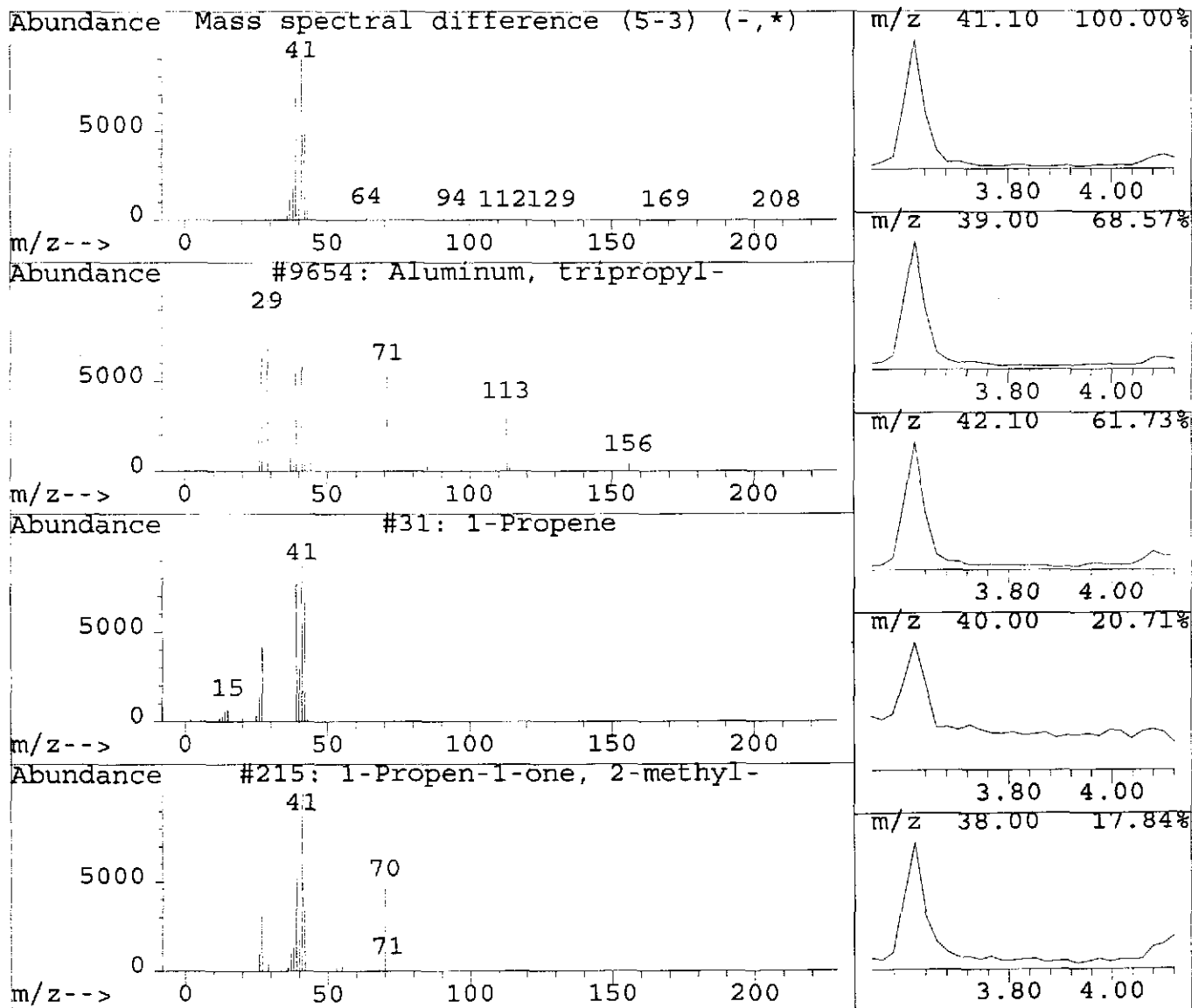
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 Sample : 205493-003 *1* 3TM,S,8260
 Misc : 5G/5ML *11/06/00 14:06 *NAS*

Operator: NAS
 Inst : 5972-A23
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VSTD.M
 Title : VOA, CLP, 8240,8260, TCLP VOL
 Library : C:\DATABASE\NBS49K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
3.62	4.00 ppb	71849	Pentafluorobenzene	9.97

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Aluminum, tripropyl-	9654	000102-67-0	64
2	1-Propene	31	000115-07-1	38
3	1-Propen-1-one, 2-methyl-	215	000598-26-5	39
4	Cyclopropane	32	000075-19-4	37
5	2-Butenal, (E)-	208	000123-73-9	64



Library Search Compound Report

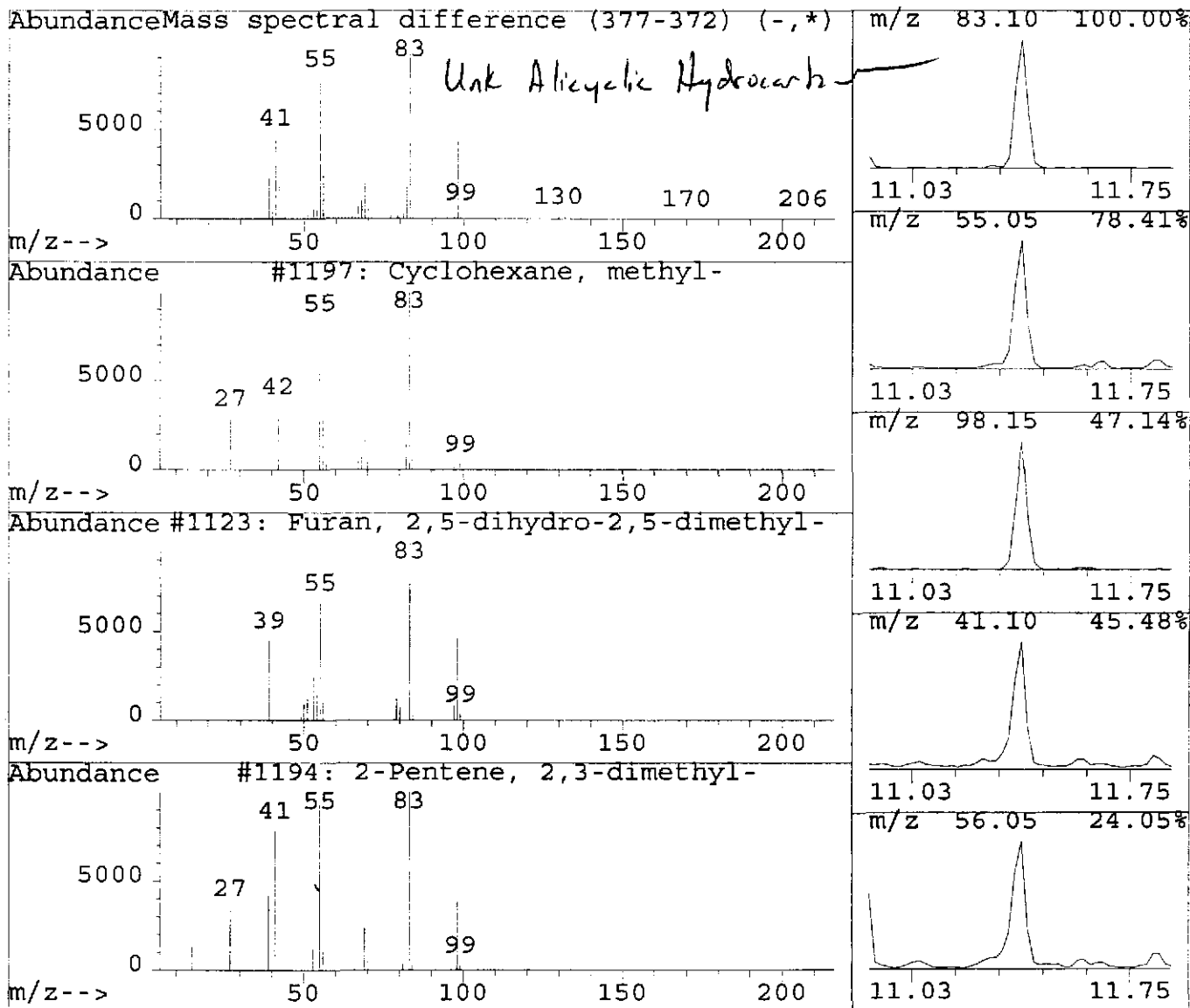
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 Sample : 205493-003 *1* 3TM,S,8260
 Misc : 5G/5ML *11/06/00 14:06 *NAS*

Operator: NAS
 Inst : 5972-A23
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VSTD.M
 Title : VOA, CLP, 8240,8260, TCLP VOL
 Library : C:\DATABASE\NBS49K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
11.39	5.69 ppb	79316	1,4-Difluorobenzene	10.87

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Cyclohexane, methyl-	1197	000108-87-2	94
2	Furan, 2,5-dihydro-2,5-dimethyl-	1123	059242-27-2	59
3	2-Pentene, 2,3-dimethyl-	1194	010574-37-5	45
4	2-Pentene, 4,4-dimethyl-, (E)-	1210	000690-08-4	38
5	1-Butene, 2,3,3-trimethyl-	1202	000594-56-9	40



Library Search Compound Report

Data File : E:\A23\1103VOLS\VOA2008.D
Acq Time : 3 Nov 10 5:04 pm
Sample : 205493-016 RE *1* 3TM,S,8260
Misc : 5G/5ML *11/03/00 16:10 *NAS*

Operator: CYE
Inst : 5972-A23
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VSTD.M
Title : VOA, CLP, 8240,8260, TCLP VOL
Library : NBS49K.L

No Library Search Compounds Detected

Library Search Compound Report

Data File : E:\A23\1106VOLS\VOA2014.D
 Acq Time : 6 Nov 100 5:51 pm
 Sample : 205493-017 *1* 3TM,S,8260
 Misc : 5G/5ML *11/06/00 14:12 *NAS*

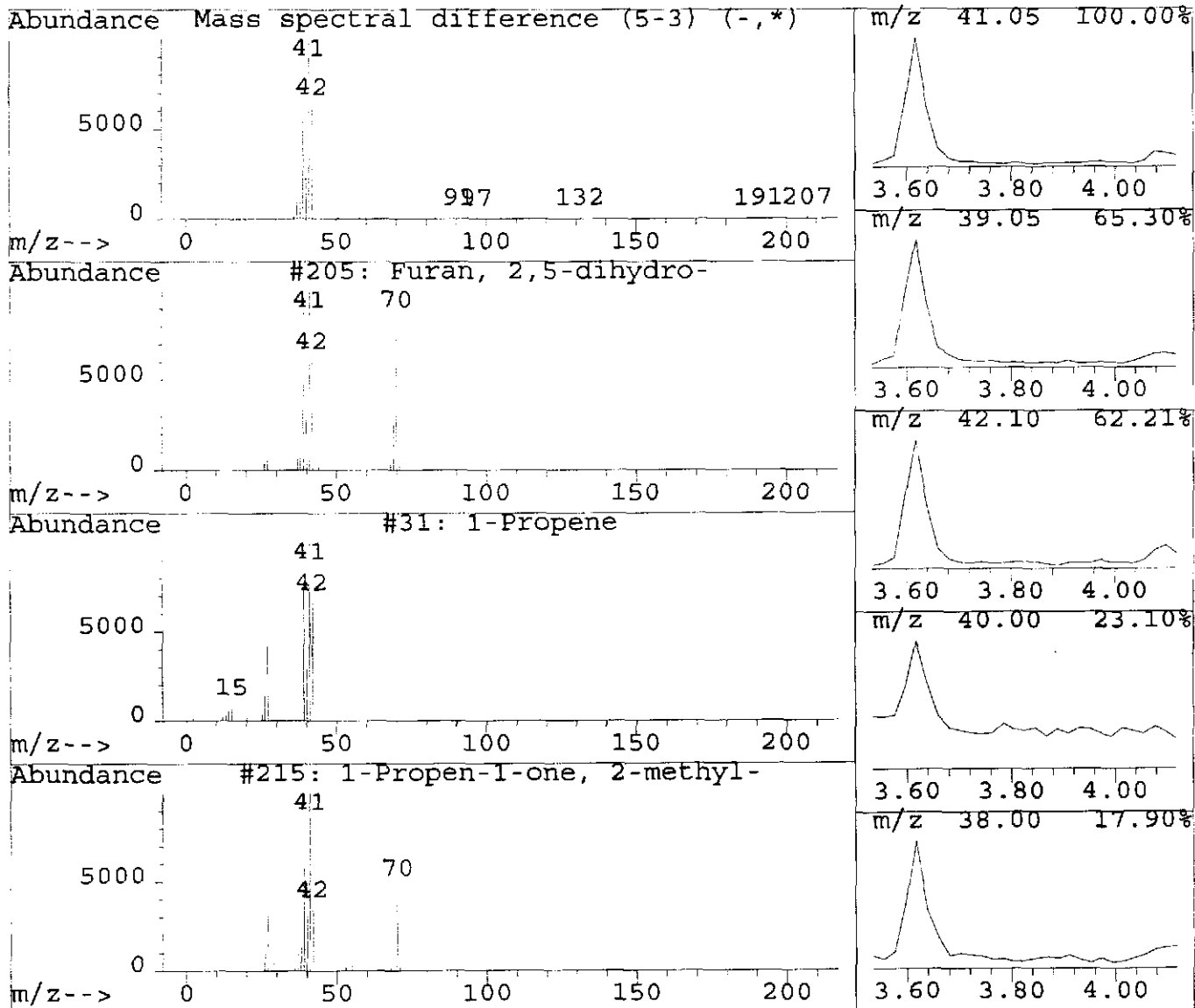
Operator: NAS
 Inst : 5972-A23
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VSTD.M
 Title : VOA, CLP, 8240,8260, TCLP VOL
 Library : C:\DATABASE\NBS49K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
3.62	3.89 ppb	64171	Pentafluorobenzene	9.97

Hit# of 20 *25 ppb*

Tentative ID	Ref#	CAS#	Qual
1 Furan, 2,5-dihydro-	205	001708-29-8	64
2 1-Propene	31	000115-07-1	47
3 1-Propen-1-one, 2-methyl-	215	000598-26-5	4
4 Pentanamide, 5-hydroxy-	2992	029686-12-2	9
5 3-Butenoic acid	618	000625-38-7	36



Library Search Compound Report

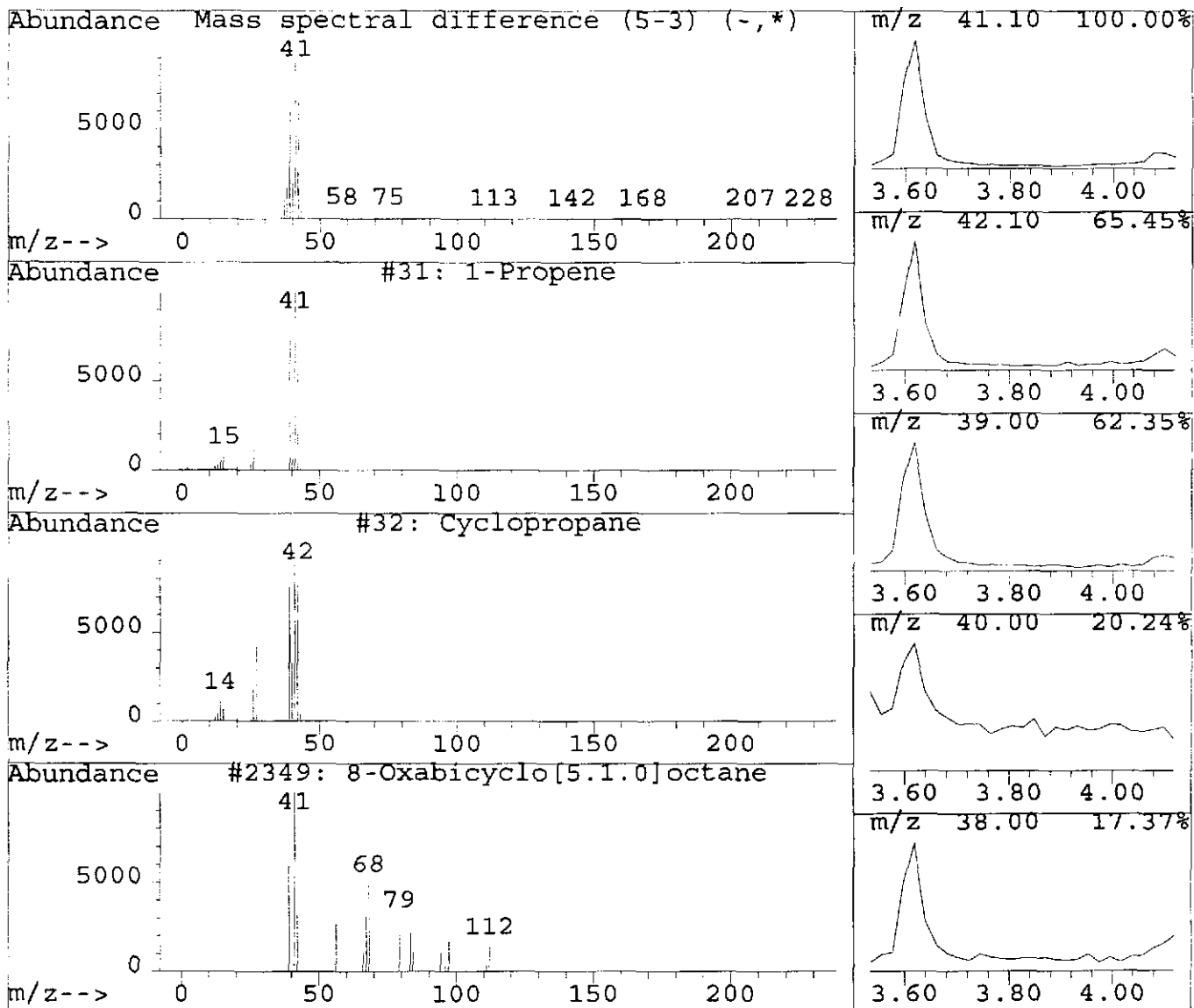
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 Acq Time : 6 Nov 100 6:24 pm
 Sample : 205493-022 *1* 3TM,S,8260
 Misc : 5G/5ML *11/06/00 14:14 *NAS*

Operator: NAS
 Inst : 5972-A23
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VSTD.M
 Title : VOA, CLP, 8240,8260, TCLP VOL
 Library : C:\DATABASE\NBS49K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
3.62	3.05 ppb	51865	Pentafluorobenzene	9.95

Hit# of 20	Pentative ID	Ref#	CAS#	Qual
1	1-Propene	31	000115-07-1	38
2	Cyclopropane	32	000075-19-4	37
3	8-Oxabicyclo[5.1.0]octane	2349	000286-45-3	4
4	2-Butenal, (E)-	208	000123-73-9	64
5	Azocine, octahydro-1-nitroso-	6682	020917-49-1	4



Library Search Compound Report

Data File : E:\A23\1106VOLS\VOA2015.D
 Acq Time : 6 Nov 100 6:24 pm
 Sample : 205493-022 *1* 3TM,S,8260
 Misc : 5G/5ML *11/06/00 14:14 *NAS*

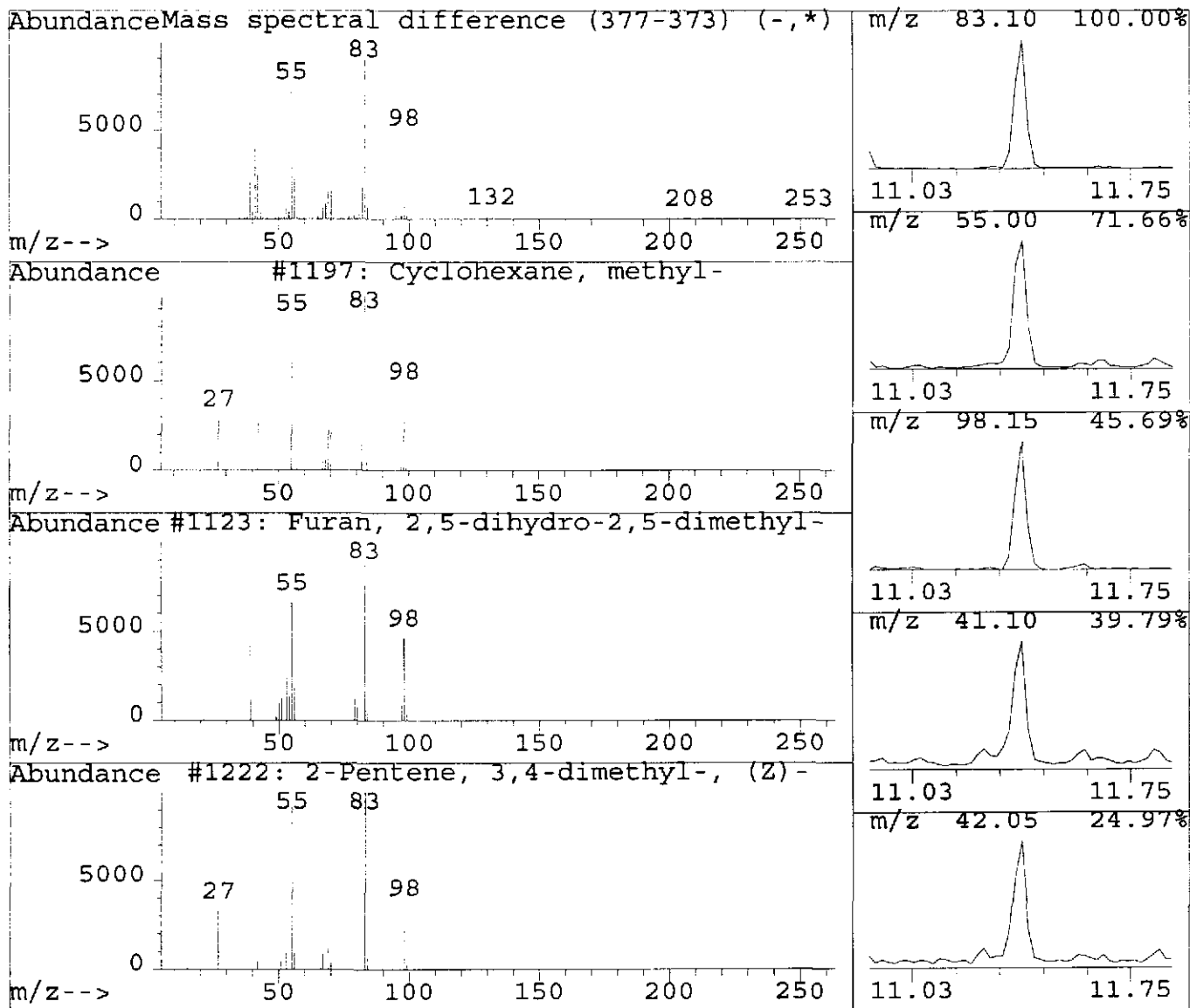
Operator: NAS
 Inst : 5972-A23
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VSTD.M
 Title : VOA, CLP, 8240,8260, TCLP VOL
 Library : C:\DATABASE\NBS49K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
11.39	2.89 ppb	39373	1,4-Difluorobenzene	10.87

Handwritten: 15003

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Cyclohexane, methyl-	1197	000108-87-2	94
2	Furan, 2,5-dihydro-2,5-dimethyl-	1123	059242-27-2	59
3	2-Pentene, 3,4-dimethyl-, (Z)-	1222	004914-91-4	50
4	2-Pentene, 3,4-dimethyl-, (E)-	1226	004914-92-5	59
5	2-Pentene, 2,3-dimethyl-	1194	010574-37-5	42



Library Search Compound Report

Data File : E:\A23\1106VOLS\VOA2016.D
 Acq Time : 6 Nov 100 6:57 pm
 Sample : 205493-025 *1* 3TM,S,8260
 Misc : 5G/5ML *11/06/00 14:16 *NAS*

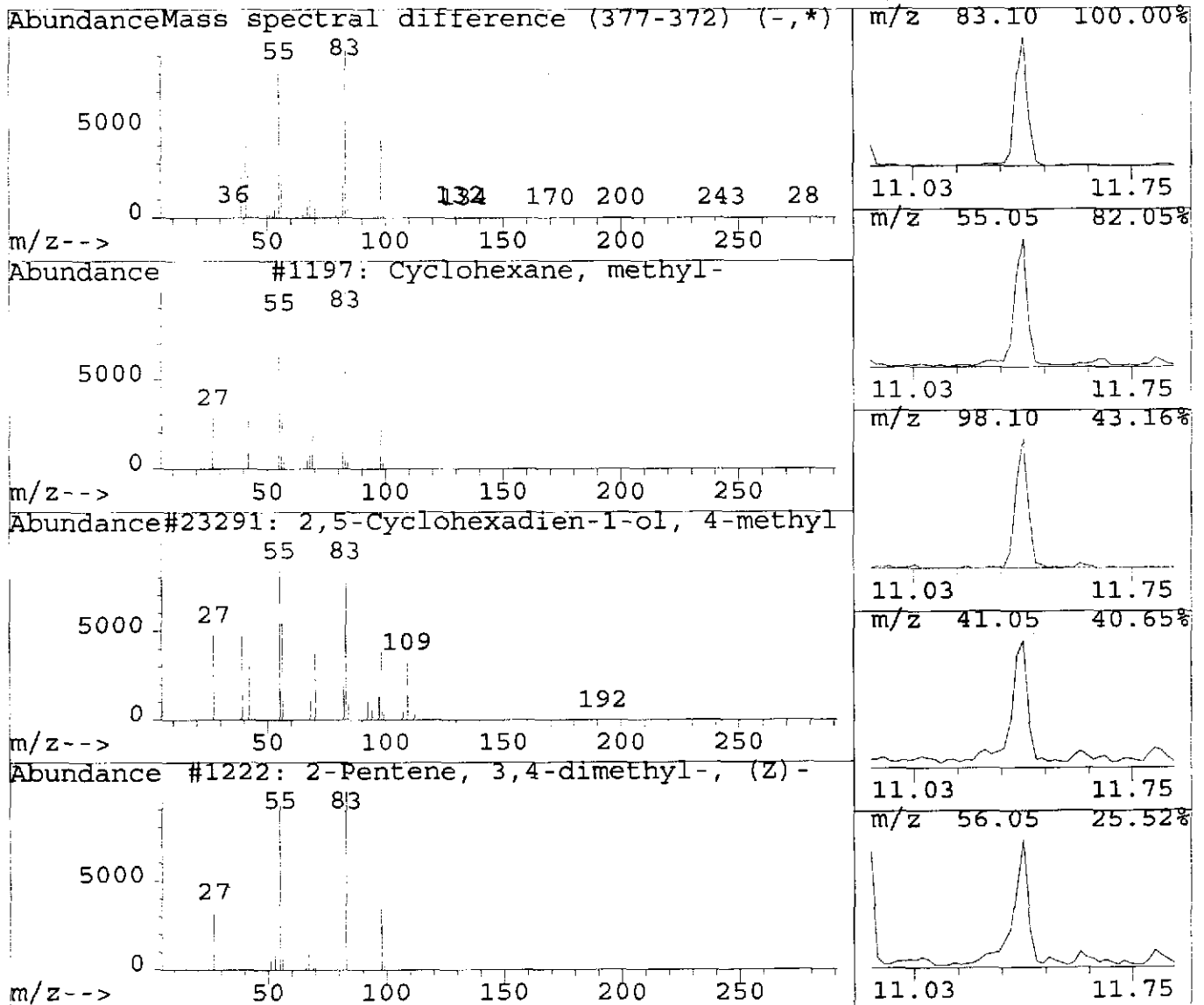
Operator: NAS
 Inst : 5972-A23
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VSTD.M
 Title : VOA, CLP, 8240,8260, TCLP VOL
 Library : C:\DATABASE\NBS49K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
11.39	2.92 ppb	38475	1,4-Difluorobenzene	10.87

45 ppb

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Cyclohexane, methyl-	1197	000108-87-2	91
2	2,5-Cyclohexadien-1-ol, 4-methyl-4-	23291	013630-61-0	38
3	2-Pentene, 3,4-dimethyl-, (Z)-	1222	004914-91-4	59
4	2-Pentene, 3,4-dimethyl-, (E)-	1226	004914-92-5	59
5	2-Pentene, 2,3-dimethyl-	1194	010574-37-5	42



Library Search Compound Report

Data File : E:\A23\1106VOLS\VOA2017.D
 Acq Time : 6 Nov 100 7:30 pm
 Sample : 205493-027 *1* 3TM,S,8260
 Misc : 5G/5ML *11/06/00 14:18 *NAS*

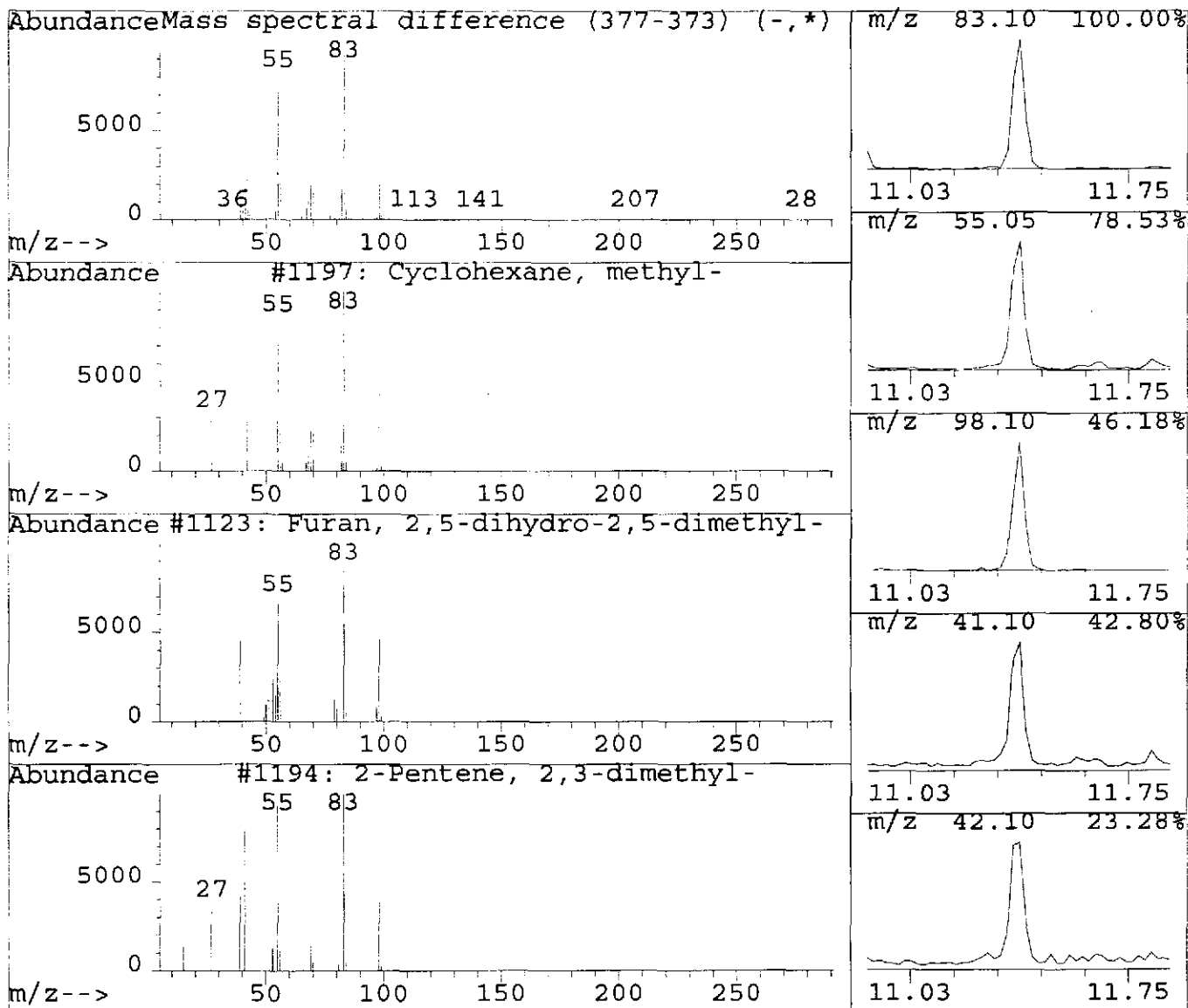
Operator: NAS
 Inst : 5972-A23
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VSTD.M
 Title : VOA, CLP, 8240,8260, TCLP VOL
 Library : C:\DATABASE\NBS49K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
11.39	3.23 ppb	41270	1,4-Difluorobenzene	10.87

L5 ppb

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Cyclohexane, methyl-	1197	000108-87-2	59
2	Furan, 2,5-dihydro-2,5-dimethyl-	1123	059242-27-2	59
3	2-Pentene, 2,3-dimethyl-	1194	010574-37-5	42
4	2-Pentene, 4,4-dimethyl-, (E)-	1210	000690-08-4	38
5	1-Butene, 2,3,3-trimethyl-	1202	000594-56-9	38



Library Search Compound Report

Data File : E:\A23\1106VOLS\VOA2018.D
Acq Time : 6 Nov 10 8:03 pm
Sample : 205493-028 *1* 3TM,S,8260
Misc : 5G/5ML *11/06/00 14:20 *NAS*

Operator: NAS
Inst : 5972-A23
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VSTD.M
Title : VOA, CLP, 8240,8260, TCLP VOL
Library : NBS49K.L

No Library Search Compounds Detected

Library Search Compound Report

Data File : E:\A23\1106VOLS\VOA2019.D
 Acq Time : 6 Nov 100 8:36 pm
 Sample : 205493-036 *1* 3TM,S,8260
 Misc : 5G/5ML *11/06/00 14:22 *NAS*

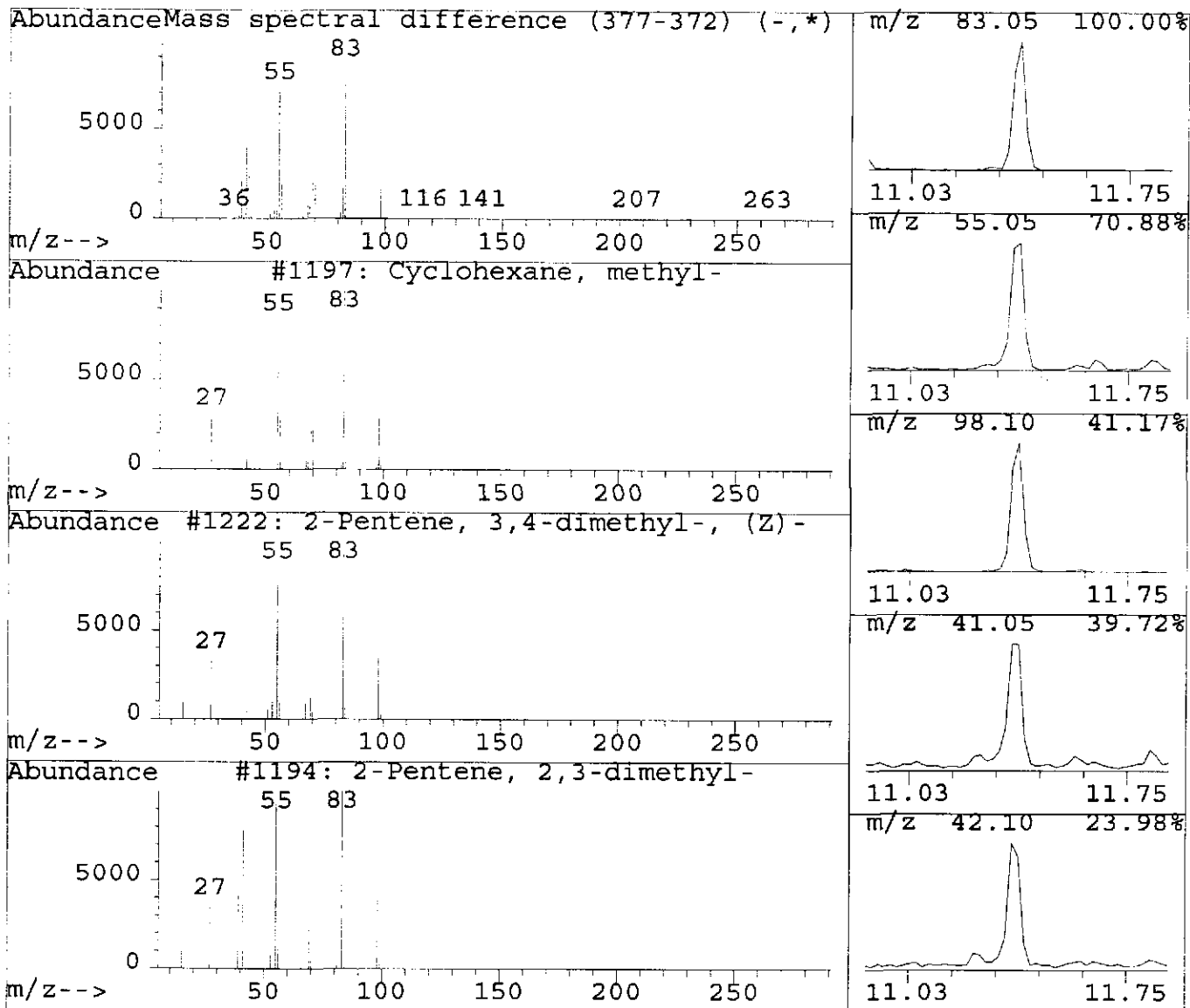
Operator: NAS
 Inst : 5972-A23
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VSTD.M
 Title : VOA, CLP, 8240,8260, TCLP VOL
 Library : C:\DATABASE\NBS49K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
11.39	4.60 ppb	60189	1,4-Difluorobenzene	10.87

L5P1

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Cyclohexane, methyl-	1197	000108-87-2	91
2	2-Pentene, 3,4-dimethyl-, (Z)-	1222	004914-91-4	36
3	2-Pentene, 2,3-dimethyl-	1194	010574-37-5	42
4	2-Pentene, 4,4-dimethyl-, (E)-	1210	000690-08-4	53
5	Cyclopropane, 1,1,2,2-tetramethyl-	1227	004127-47-3	47



Library Search Compound Report

Data File : E:\A23\1106VOLS\VOA2020.D
Acq Time : 6 Nov 100 9:09 pm
Sample : 205493-038 *1* 3TM,S,8260
Misc : 5G/5ML *11/06/00 14:24 *NAS*

Operator: NAS
Inst : 5972-A23
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VSTD.M
Title : VOA, CLP, 8240,8260, TCLP VOL
Library : NBS49K.L

No Library Search Compounds Detected

Library Search Compound Report

Data File : E:\A23\1106VOLS\VOA2021.D
 Acq Time : 6 Nov 100 9:42 pm
 Sample : 205493-045 *1* 3TM,S,8260
 Misc : 5G/5ML *11/06/00 14:26 *NAS*

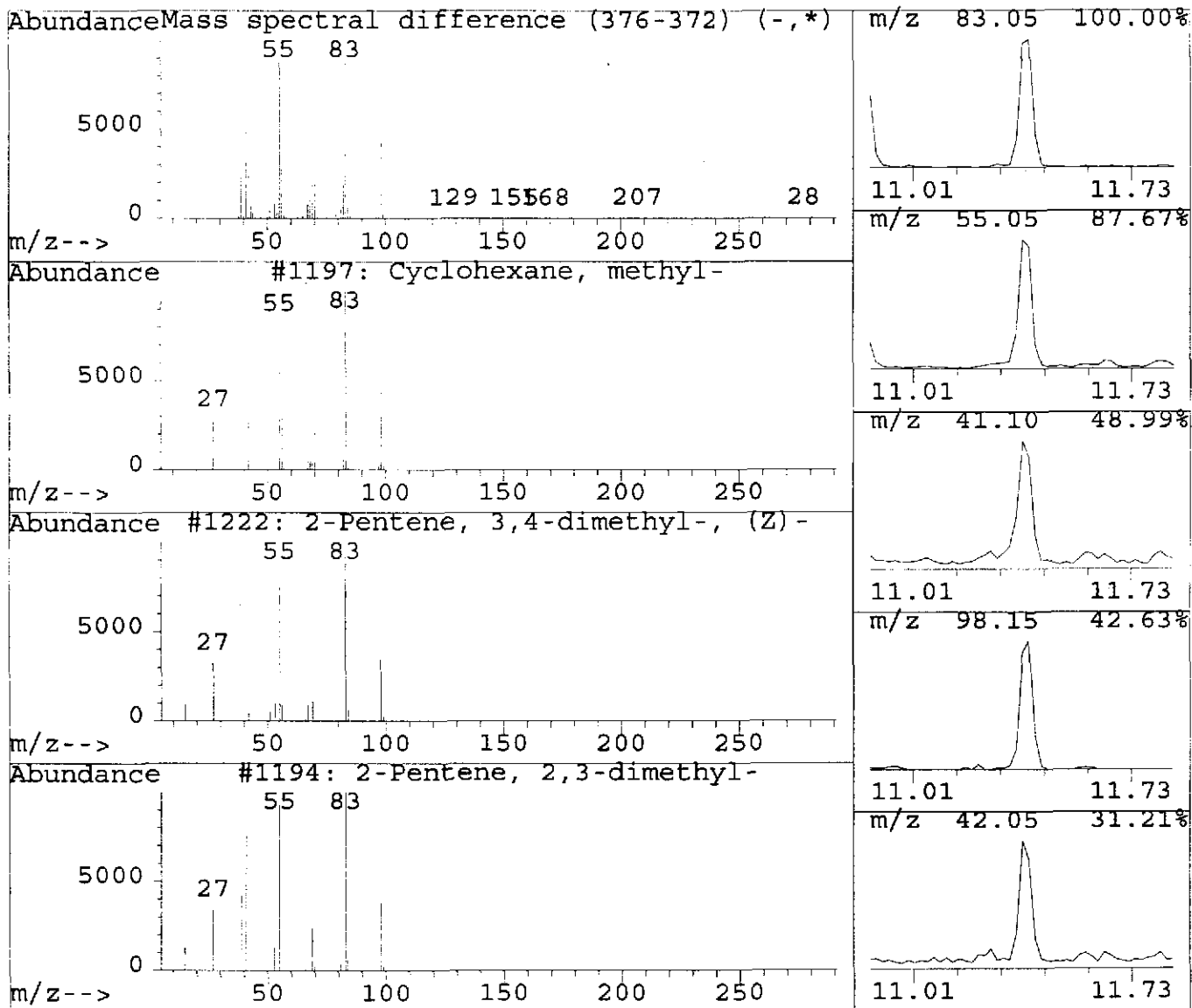
Operator: NAS
 Inst : 5972-A23
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VSTD.M
 Title : VOA, CLP, 8240,8260, TCLP VOL
 Library : C:\DATABASE\NBS49K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
11.37	2.93 ppb	36815	1,4-Difluorobenzene	10.87

25785

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Cyclohexane, methyl-	1197	000108-87-2	94
2	2-Pentene, 3,4-dimethyl-, (Z)-	1222	004914-91-4	52
3	2-Pentene, 2,3-dimethyl-	1194	010574-37-5	50
4	2-Pentene, 4,4-dimethyl-	1206	026232-98-4	50
5	Cyclopropane, 1,1,2,2-tetramethyl-	1227	004127-47-3	37



Library Search Compound Report

Data File : E:\A23\1108VOLS\VOA2012.D
 Acq Time : 8 Nov 100 6:40 pm
 Sample : 205493-046 *1* 3TM,S,8260
 Misc : 5G/5ML *11/08/00 17:14 *CYE*

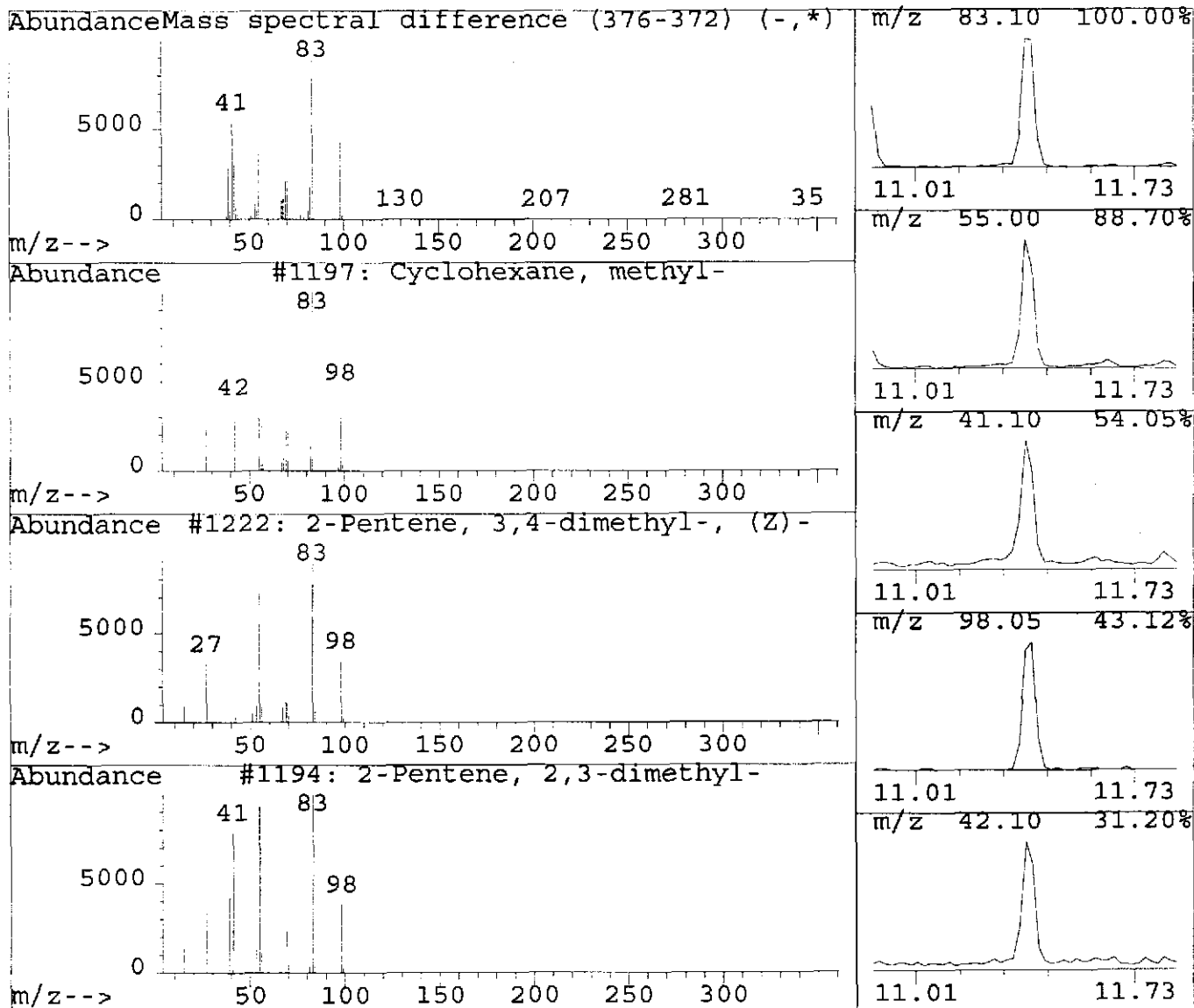
Operator: CYE
 Inst : 5972-A23
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VSTD.M
 Title : VOA, CLP, 8240,8260, TCLP VOL
 Library : C:\DATABASE\NBS49K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
11.37	3.92 ppb	41772	1,4-Difluorobenzene	10.87

25ppm

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Cyclohexane, methyl-	1197	000108-87-2	94
2	2-Pentene, 3,4-dimethyl-, (Z)-	1222	004914-91-4	53
3	2-Pentene, 2,3-dimethyl-	1194	010574-37-5	50
4	2-Pentene, 4,4-dimethyl-	1206	026232-98-4	53
5	Cyclopropane, 1,1,2,2-tetramethyl-	1227	004127-47-3	47



Library Search Compound Report

Data File : E:\A23\1108VOLS\VOA2012.D
 Acq Time : 8 Nov 100 6:40 pm
 Sample : 205493-046 *1* 3TM,S,8260
 Misc : 5G/5ML *11/08/00 17:14 *CYE*

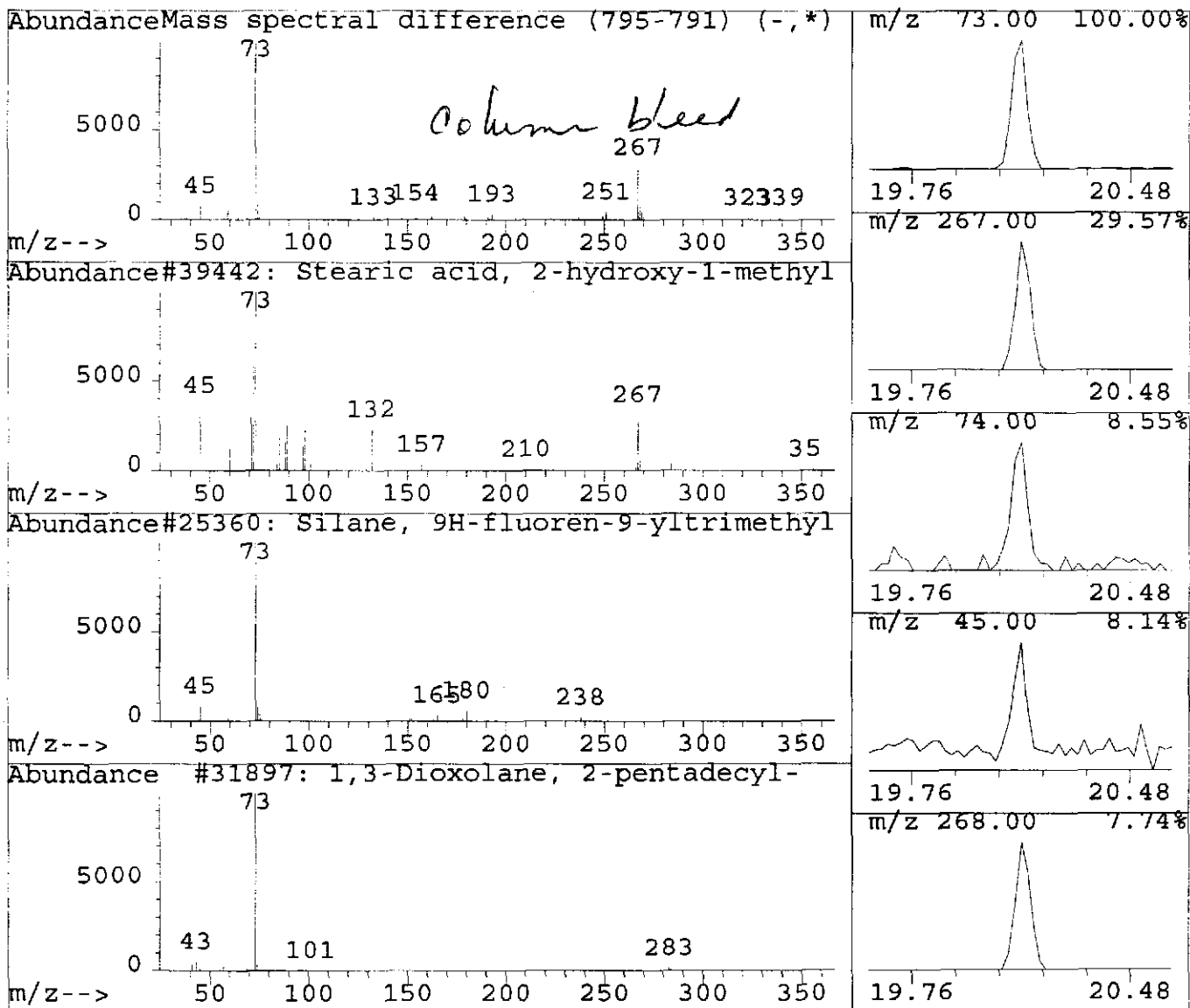
Operator: CYE
 Inst : 5972-A23
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VSTD.M
 Title : VOA, CLP, 8240,8260, TCLP VOL
 Library : C:\DATABASE\NBS49K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
20.12	2.64 ppb	19720	1,4-Dichlorobenzene-d4	18.93

LSP

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Stearic acid, 2-hydroxy-1-methylpro	39442	014251-39-9	9
2	Silane, 9H-fluoren-9-yltrimethyl-	25360	007385-10-6	9
3	1,3-Dioxolane, 2-pentadecyl-	31897	004360-57-0	9
4	Silane, (bicyclo[6.1.0]non-9-ylmeth	23431	077847-01-9	9
5	Benzeneacetamide, N-(trimethylsilyl	19959	055724-32-8	8



Library Search Compound Report

Data File : E:\A23\1108VOLS\VOA2012.D
 Acq Time : 8 Nov 100 6:40 pm
 Sample : 205493-046 *1* 3TM,S,8260
 Misc : 5G/5ML *11/08/00 17:14 *CYE*

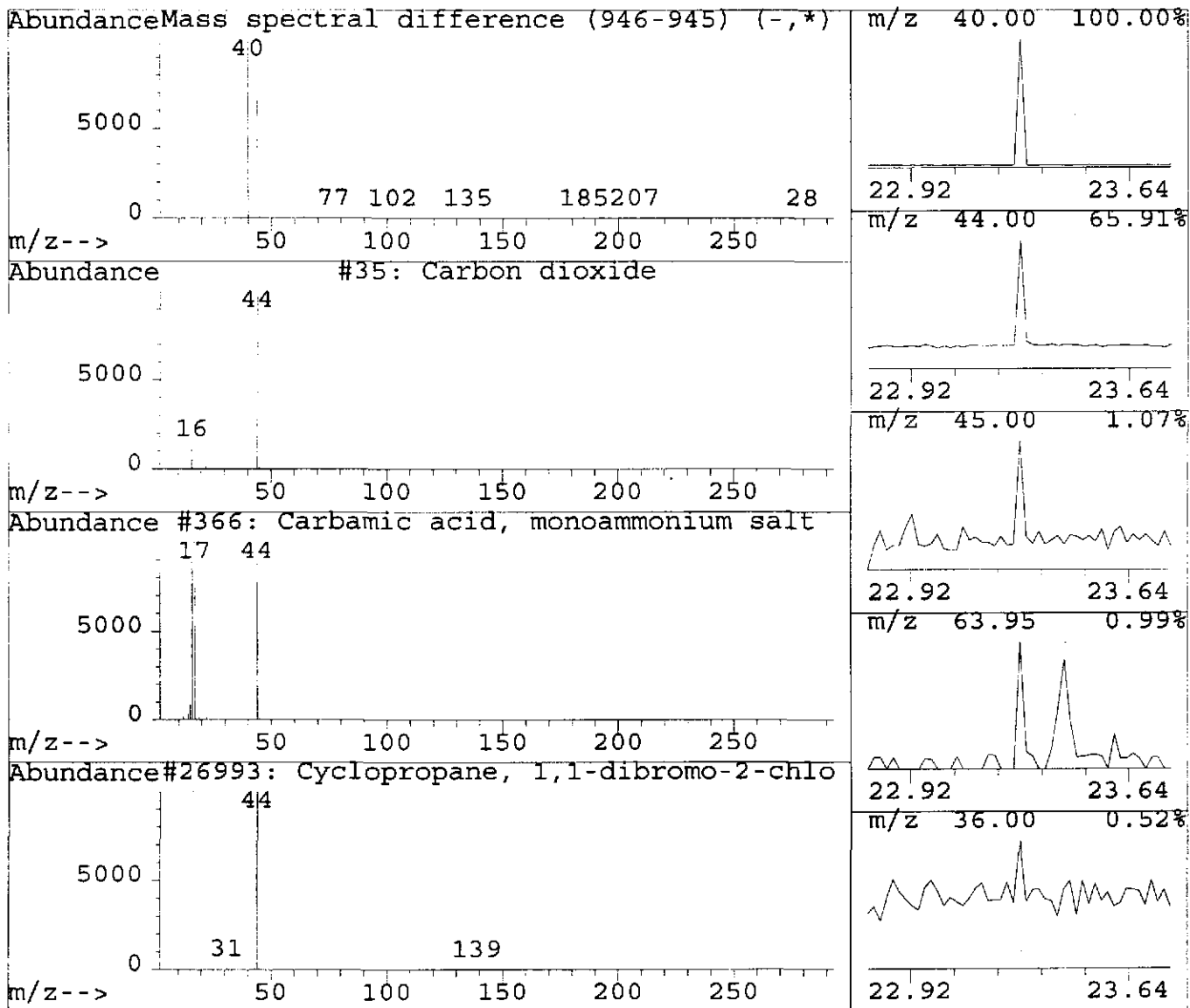
Operator: CYE
 Inst : 5972-A23
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VSTD.M
 Title : VOA, CLP, 8240,8260, TCLP VOL
 Library : C:\DATABASE\NBS49K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
23.28	3.95 ppb	29514	1,4-Dichlorobenzene-d4	18.93

L5715

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Carbon dioxide	35	000124-38-9	3
2	Carbamic acid, monoammonium salt	366	001111-78-0	1
3	Cyclopropane, 1,1-dibromo-2-chloro-	26993	024071-57-6	1
4	Acetaldehyde	37	000075-07-0	3
5	Nitrogen oxide (N2O)	40	010024-97-2	3



Library Search Compound Report

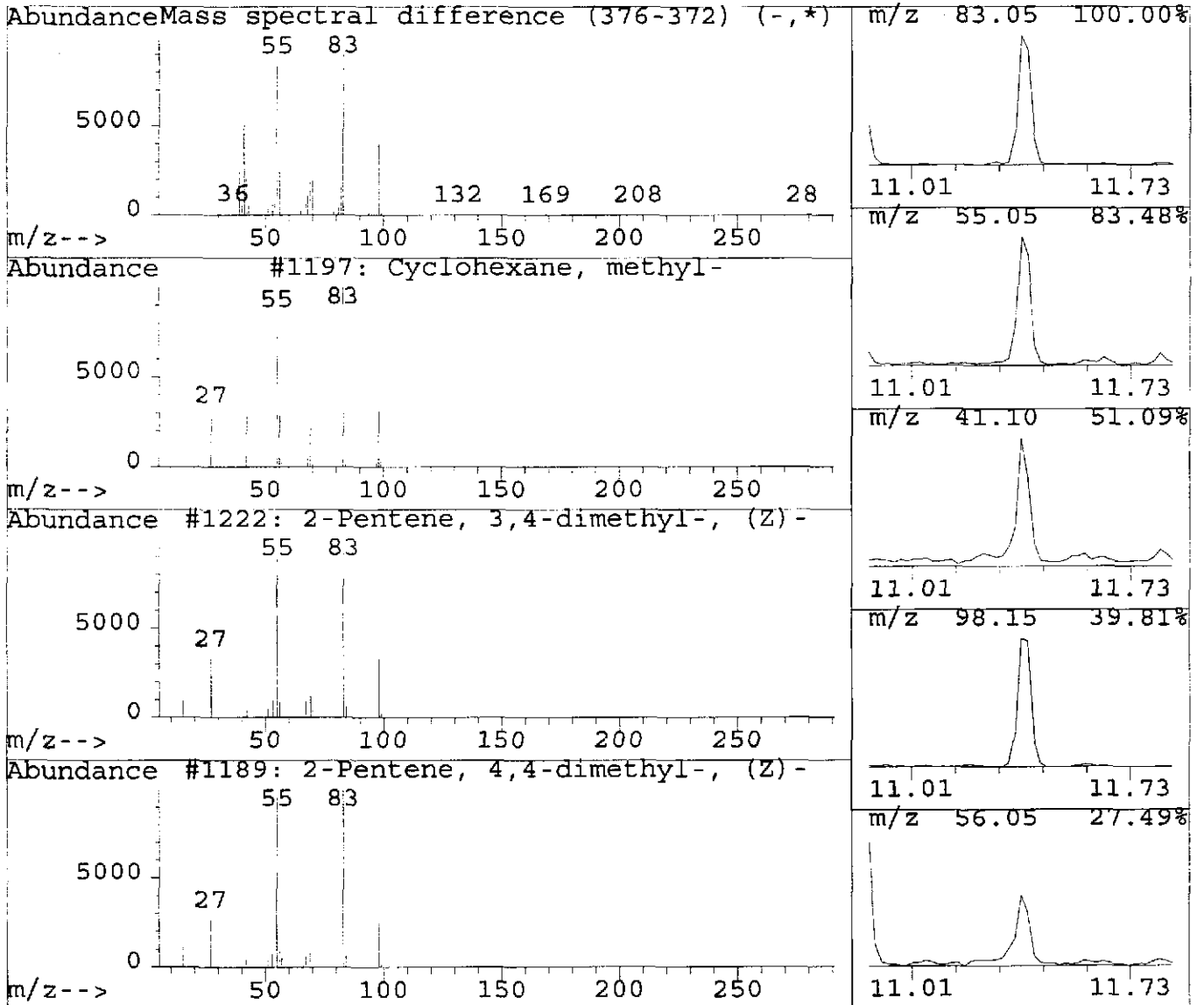
Data File : E:\A23\1108VOLS\VOA2013.D
 Acq Time : 8 Nov 100 7:13 pm
 Sample : 205493-047 *1* 3TM,S,8260
 Misc : 5G/5ML *11/08/00 17:16 *CYE*

Operator: CYE
 Inst : 5972-A23
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VSTD.M
 Title : VOA, CLP, 8240,8260, TCLP VOL
 Library : C:\DATABASE\NBS49K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
11.37	4.81 ppb	49355	1,4-Difluorobenzene	10.87

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Cyclohexane, methyl-	1197	000108-87-2	91
2	2-Pentene, 3,4-dimethyl-, (Z)-	1222	004914-91-4	53
3	2-Pentene, 4,4-dimethyl-, (Z)-	1189	000762-63-0	50
4	Furan, 2,5-dihydro-2,5-dimethyl-	1123	059242-27-2	53
5	2-Pentene, 2,4-dimethyl-	1228	000625-65-0	43



Information from Data File:

File: K:\HPCHEM\2\DATA\1107SV0\SV005.D
 Operator: LEC
 Date Acquired: 7 Nov 2000 3:08 pm
 Method File: A02SV113
 Sample Name: 205493-003 *33.3*
 Misc Info: *11/02/00 14:16*ARM*
 Vial Number: 19

Search Libraries: C:\DATABASE\XENCO.L Minimum Quality: 80
 C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
 Integration Events: RTE Integrator - rteint.p

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	4.57	2.02	C:\DATABASE\XENCO.L 2-Fluorophenyl 2-Fluorophenyl	103 33	000000-00-0	94 94
2	5.74	2.39	C:\DATABASE\XENCO.L PHENOL -d6 PHENOL -d6	127 57	000000-00-0	91 91
3	6.24	4.22	C:\DATABASE\XENCO.L 1,4-Dichlorobenzene-d4 1,4-Dichlorobenzene-d4	104 34	000000-00-0	90 90
4	7.29	2.31	C:\DATABASE\XENCO.L Nitrobenzene (D5) Nitrobenzene (D5) Bromochloromethane	105 35 100	000000-00-0	80 80 1
5	8.78	5.77	C:\DATABASE\XENCO.L Naphthalene (D8) Naphthalene (D8)	106 36	000000-00-0	91 91
6	11.62	4.11	C:\DATABASE\XENCO.L 2-Fluorobiphenyl 2-Fluorobiphenyl	107 37	000000-00-0	96 96
7	13.42	6.19	C:\DATABASE\XENCO.L Acenaphthene (D10) Acenaphthene (D10)	108 38	000000-00-0	96 96
8	15.70	2.16	C:\DATABASE\XENCO.L 2,4,6-Tribromophenol 2,4,6-Tribromophenol	109 39	000000-00-0	99 99
9	17.63	6.07	C:\DATABASE\NBS75K.L Phenanthrene-d10 Anthracene-d10- Cyclohexanone, phenylhydrazone	19958 19957 19927	001517-22-2	98 96 53
10	17.68	1.10	C:\DATABASE\NBS75K.L 7,8-Diphenylbicyclo[4.2.1]nona-2,4 Anthracene Phenanthrene	37860 68648 17367	054049-09-1	56 93 83
11	21.17	2.99	C:\DATABASE\NBS75K.L Fluoranthene Pyrene	69814 69819	000206-44-0	95 87

Pyrene

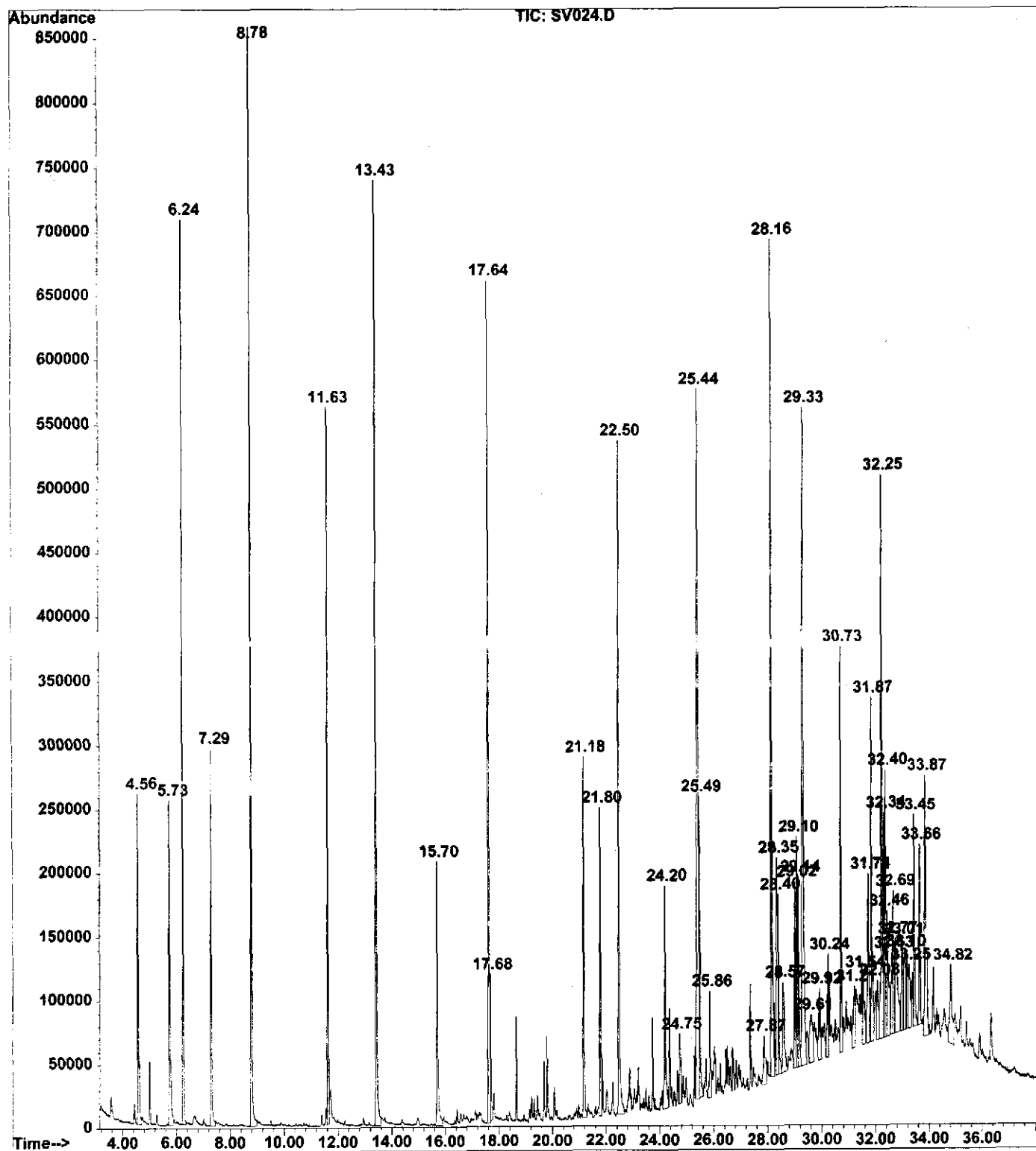
23469 000129-00-0 95

12	21.79	2.60	C:\DATABASE\NBS75K.L Anthracene, 9-(2-nitroethenyl)- Pyrene Pyrene	33709 69820 69819	058349-77-2 000129-00-0 000129-00-0	23 72 80
22.48	5.50		C:\DATABASE\XENCO.L 4-Terphenyl (d14) 4-Terphenyl (d14)	102 32	000000-00-0 000000-00-0	99 99
14	24.18	0.90	C:\DATABASE\NBS75K.L 9-Octadecenamide, (Z)- Methyl 17-methoxy-10-methoxycarbon Butanamide, 3-methyl-	39626 52728 1621	000301-02-0 000000-00-0 000541-46-8	53 25 12
15	24.36	0.88	C:\DATABASE\NBS75K.L 1,1'-Biphenyl, 2,3',4,4',5,5'-hexa 1,1'-Biphenyl, 2,2',3,4,5,5'-hexac 1,1'-Biphenyl, 2,3,3',4,4',5-hexac	50058 50054 73780	052663-72-6 052712-04-6 038380-08-4	99 90 99
16	24.73	0.98	C:\DATABASE\NBS75K.L 1,1'-Biphenyl, 2,2',3,4,4',5,6'-He 1,1'-Biphenyl, 2,2',3,3',5,5',6-he Morphinan-4-ol-6,7-dione, 2-bromo-	53201 53207 53336	060145-23-5 052663-67-9 000000-00-0	55 43 3
17	25.43	6.68	C:\DATABASE\NBS75K.L Chrysene-d12 [1,1'-Biphenyl]-4,4'-diamine, N,N, Salicylaldehyde, azine	32068 32051 71176	001719-03-5 000366-29-0 000959-36-4	98 9 28
18	25.48	2.03	C:\DATABASE\NBS75K.L 1,2,3,12b-Tetrahydrobenzo[K]fluora Chrysene Benz[a]anthracene	35228 29696 70854	095785-04-9 000218-01-9 000056-55-3	56 94 81
19	25.85	0.96	C:\DATABASE\NBS75K.L 1,1'-Biphenyl, 2,2',3,4,4',5,6-Hep 1,1'-Biphenyl, 2,3,3',4,4',5,6-Hep 1,1'-Biphenyl, 2,2',3,3',5,5',6-he	53197 53199 53207	074472-47-2 041411-64-7 052663-67-9	91 62 91
20	26.03	0.86	C:\DATABASE\NBS75K.L 1,2-Benzenedicarboxylic acid, diis Bis(2-ethylhexyl) phthalate Bis(2-ethylhexyl) phthalate	53134 74171 53128	027554-26-3 000117-81-7 000117-81-7	58 43 91
21	27.36	0.85	C:\DATABASE\NBS75K.L Hexatriacontane Heneicosane Octadecane	74636 42201 71561	000630-06-8 000629-94-7 000593-45-3	64 91 91
22	28.14	3.48	C:\DATABASE\NBS75K.L 9-Octadecenamide, (Z)- Octadecanamide Hexadecanamide	39626 39996 34960	000301-02-0 000124-26-5 000629-54-9	38 25 25
23	28.35	1.29	C:\DATABASE\NBS75K.L Benzo[a]pyrene Benzo[a]pyrene Benzo[j]fluoranthene	71508 34431 34435	000050-32-8 000050-32-8 000205-82-3	98 83 90
24	28.40	0.84	C:\DATABASE\NBS75K.L 2,4(1H,3H)-Pyrimidinedione, 6-iodo 1-Methyl-5-iodouracil	34165 34164	031458-38-5 000000-00-0	7 5

25	29.02	0.93	C:\DATABASE\NBS75K.L Benzo[e]pyrene Perylene Benzo[j]fluoranthene	71509 34430 34435	000192-97-2 000198-55-0 000205-82-3	81 97 74
	29.09	0.94	C:\DATABASE\NBS75K.L Docosane Heneicosane Nonadecane, 9-methyl-	44318 42201 39865	000629-97-0 000629-94-7 013287-24-6	90 91 91
27	29.14	1.04	C:\DATABASE\NBS75K.L Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene	71508 34431 34434	000050-32-8 000050-32-8 000207-08-9	58 80 74
28	29.31	3.28	C:\DATABASE\XENCO.L Perylene (D12) Perylene (D12)	110 40	000000-00-0 000000-00-0	87 87
29	30.23	1.26	C:\DATABASE\NBS75K.L 9,19-Cyclolanost-25-en-3-ol, 24-me 1,2-Pentanediol, 5-(6-bromodecahyd 1,4-Methanoazulene, decahydro-4,8,	56557 54063 23917	000511-61-5 115346-29-7 000475-20-7	35 38 22
30	30.27	0.82	C:\DATABASE\NBS75K.L Tetradecanal 14-Octadecenal 7-Azabicyclo[4.1.0]heptane, 1-meth	70265 37045 2429	000124-25-4 056554-89-3 025022-25-7	42 43 58
31	30.72	1.92	C:\DATABASE\NBS75K.L Docosane Heneicosane Heptadecane	44318 42201 32063	000629-97-0 000629-94-7 000629-78-7	98 91 87
32	30.79	1.86	C:\DATABASE\NBS75K.L 1-Eicosanol 1-Docosanol, acetate Acetic acid, octadecyl ester	72722 51184 73049	000629-96-9 000822-26-4 000822-23-1	81 91 27
33	30.98	0.76	C:\DATABASE\NBS75K.L 2-Cyclohexene-1-carboxaldehyde, 2, 1-Naphthalenepentanoic acid, decah 1,3-Benzenediol, 5-methyl-2-(3,7,1	27726 73255 54754	056772-07-7 013008-80-5 052104-23-1	25 14 11
34	31.17	0.79	C:\DATABASE\NBS75K.L Cholesterol Cyclohexane, 1,5-diethenyl-2,3-dim 1H-Pyrrole-2-carboxylic acid, 1-(2	74137 13592 30117	000057-88-5 068779-14-6 034600-51-6	11 25 15
35	31.26	0.97	C:\DATABASE\NBS75K.L 1,3-Dioxolane, 4-ethyl-5-octyl-2,2 4.alpha.,5.beta.-Epoxy-germacra-1(Muco-inositol tri-methaneboronate	49233 50534 34193	038274-72-5 000000-00-0 000000-00-0	12 27 16
36	31.42	0.71	C:\DATABASE\NBS75K.L Anthracene, 9-dodecyltetradecahydr Anthracene, 9-dodecyltetradecahydr Anthracene, 9-cyclohexyltetradecah	73846 50413 38558	055401-75-7 055401-75-7 055255-70-4	14 14 12
37	31.73	0.91	C:\DATABASE\NBS75K.L Benzo[ghi]perylene Benzo[ghi]perylene	38894 72172	000191-24-2 000191-24-2	95 91

38	31.85	1.59	C:\DATABASE\NBS75K.L 1-Hexacosanal	52247	000000-00-0	47
			Oxirane, hexadecyl-	37448	007390-81-0	49
			3-Cyclopentene-1-acetaldehyde, 2-o	4120	000000-00-0	43
32.02	1.95	C:\DATABASE\NBS75K.L	Ergost-5-en-3-ol, (3.beta.)-	53987	004651-51-8	38
			2-Phenanthrenecarboxaldehyde, 1,2,	43750	072088-19-8	27
			Cholesta-3,5-diene	73961	000747-90-0	25
40	32.23	2.42	C:\DATABASE\NBS75K.L Tetratriacontane	58265	014167-59-0	91
			Heneicosane	42201	000629-94-7	90
			Octadecane	71561	000593-45-3	80
41	32.28	1.36	C:\DATABASE\NBS75K.L Longifolenaldehyde	27715	019890-84-7	9
			2-Cyclohexene-1-carboxaldehyde, 2,	10346	000432-24-6	27
			Pulegone	66994	000089-82-7	32
42	32.44	1.16	C:\DATABASE\NBS75K.L 2-Nonadecanone	39849	000629-66-3	43
			2-Tetradecanone	25968	002345-27-9	27
			2-Tridecanone	69645	000593-08-8	50
43	32.73	1.80	C:\DATABASE\NBS75K.L Tricyclo[4.3.0.07,9]nonane, 2,2,5,	24461	054832-82-5	38
			Caryophyllene	69934	000087-44-5	10
			.gamma.-Sitosterol	54958	000083-47-6	64
32.97	1.00	C:\DATABASE\NBS75K.L	Taraxerol	55729	000127-22-0	10
			7,8-Epoxy-.alpha.-ionone	24903	000000-00-0	55
			1H-Cycloprop[e]azulene, 1a,2,3,4,4	69950	000489-40-7	22
45	33.10	0.72	C:\DATABASE\NBS75K.L 6-Methyl-2-pyrazinylmethanol	4102	000000-00-0	43
			2-(1-Methylvinyl)thiophene	4145	030616-73-0	27
			Cholest-4-en-3-one	52591	000601-57-0	27
46	33.17	0.77	C:\DATABASE\NBS75K.L Cholan-24-oic acid, 3-oxo-, methyl	52970	015074-03-0	55
			9H-Thioxanthene, 2-chloro-	30300	000092-38-6	27
			Cholestane, 14-methyl-	52803	052474-84-7	10
47	33.43	1.15	C:\DATABASE\NBS75K.L Pentadecanal-	29230	002765-11-9	64
			Undecanal	68230	000112-44-7	52
			Spiro[4.5]decane	7115	000176-63-6	25
48	33.63	1.25	C:\DATABASE\NBS75K.L 1-Naphthalenepropanol, .alpha.-eth	43776	004549-12-6	30
			Naphthalene, ar,ar',ar''-methylidy	55592	072101-29-2	10
			1H-Cycloprop[e]azulen-4-ol, decahy	28203	000552-02-3	14
49	33.84	0.78	C:\DATABASE\NBS75K.L Tetracosane	73543	000646-31-1	91
			Docosane	44318	000629-97-0	90
			Tetratriacontane	58265	014167-59-0	90
50	34.80	0.71	C:\DATABASE\NBS75K.L 2(1H)-Naphthalenone, octahydro-1,4	17896	022738-31-4	49

File : K:\HPCHEM\2\DATA\1102SV0\SV024.D
Operator : LEC
Acquired : 3 Nov 2000 11:09 am using AcqMethod A02SV113
Instrument : a24
Sample Name: 205493-016 *33.3*
Misc Info : *11/02/00 13:06*OSR*
Vial Number: 24



Information from Data File:

File: K:\HPCHEM\2\DATA\1102SV0\SV024.D
 Operator: LEC
 Date Acquired: 3 Nov 2000 11:09 am
 Method File: A02SV113
 Sample Name: 205493-016 *33.3*
 Misc Info: *11/02/00 13:06*OSR*
 Vial Number: 24

Search Libraries: C:\DATABASE\XENCO.L Minimum Quality: 80
 C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
 Integration Events: RTE Integrator - rteint.p

PK#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	4.56	1.87	C:\DATABASE\XENCO.L 2-Fluorophenyl 2-Fluorophenyl	103 33	000000-00-0	94 94
2	5.73	1.96	C:\DATABASE\XENCO.L PHENOL -d6 PHENOL -d6	127 57	000000-00-0	91 91
3	6.24	4.12	C:\DATABASE\XENCO.L 1,4-Dichlorobenzene-d4 1,4-Dichlorobenzene-d4	104 34	000000-00-0	90 90
4	7.29	1.89	C:\DATABASE\XENCO.L Nitrobenzene (D5) Nitrobenzene (D5) Bromochloromethane	105 35 100	000000-00-0	91 91 1
5	8.78	5.52	C:\DATABASE\NBS75K.L Naphthalene-d8- 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-Hydroxy-5-methylbenzaldehyde	6596 6374 6485	001146-65-2 013877-55-9 000613-84-3	91 9 9
6	11.63	3.58	C:\DATABASE\XENCO.L 2-Fluorobiphenyl 2-Fluorobiphenyl	107 37	000000-00-0	98 98
7	13.43	5.60	C:\DATABASE\XENCO.L Acenaphthene (D10) Acenaphthene (D10)	108 38	000000-00-0	96 96
8	15.70	1.76	C:\DATABASE\XENCO.L 2,4,6-Tribromophenol 2,4,6-Tribromophenol	109 39	000000-00-0	99 99
9	17.64	5.15	C:\DATABASE\NBS75K.L Anthracene-d10- Phenanthrene-d10 Phosphonic acid, (3-methyl-3-pente	19957 19958 19736	001719-06-8 001517-22-2 022152-34-7	98 97 53
10	17.68	0.72	C:\DATABASE\NBS75K.L 7,8-Diphenylbicyclo[4.2.1]nona-2,4 Phenanthrene Phenanthrene	37860 17367 68643	054049-09-1 000085-01-8 000085-01-8	45 81 74
11	21.18	2.08	C:\DATABASE\NBS75K.L Pyrene	23469	000129-00-0	96

			Pyrene	69819	000129-00-0	64
			Fluoranthene	23467	000206-44-0	96
12	21.80	1.83	C:\DATABASE\NBS75K.L			
			Pyrene	69820	000129-00-0	90
			Pyrene	69819	000129-00-0	76
			Pyrene	23469	000129-00-0	95
13	22.50	4.05	C:\DATABASE\XENCO.L			
			4-Terphenyl (d14)	102	000000-00-0	98
			4-Terphenyl (d14)	32	000000-00-0	98
14	24.20	1.44	C:\DATABASE\NBS75K.L			
			9-Octadecenamide, (Z)-	39626	000301-02-0	41
			9-Octadecenamide, (Z)-	72284	000301-02-0	38
			Dodecanamide	22660	001120-16-7	25
15	24.75	0.60	C:\DATABASE\NBS75K.L			
			Phosphine imide, N-phenyl-P,P,P-tr	53501	014796-90-8	9
			2-(3-Carbethoxyphenylamino)-4,6-di	53494	000000-00-0	4
			1,10-Secoergosta-5,7,9,22-tetraen-	53456	014712-49-3	3
16	25.44	6.46	C:\DATABASE\NBS75K.L			
			Chrysene-d12	32068	001719-03-5	98
			[1,1'-Biphenyl]-4,4'-diamine, N,N,	32051	000366-29-0	9
			Salicylaldehyde, azine	71176	000959-36-4	33
17	25.49	1.67	C:\DATABASE\NBS75K.L			
			Chrysene	29696	000218-01-9	81
			Chrysene	70850	000218-01-9	93
			Benz[a]anthracene	29697	000056-55-3	72
	25.86	0.68	C:\DATABASE\NBS75K.L			
			1,1'-Biphenyl, heptachloro-	74190	028655-71-2	38
			1,1'-Biphenyl, 2,3,3',4,4',5,6-Hep	53199	041411-64-7	43
			1,1'-Biphenyl, 2,3,3',4,5,5',6-hep	53200	074472-51-8	35
19	27.87	0.63	C:\DATABASE\NBS75K.L			
			Molybdenum, tetrakis[.mu.-(acetato	56032	014221-06-8	9
			1,1'-Biphenyl, 2,2',3,3',4,5,5',6'	55622	052663-75-9	18
			Estra-1,3,5(10)-trien-17-one, 3,15	55952	069688-01-3	7
20	28.16	5.10	C:\DATABASE\NBS75K.L			
			9-Octadecenamide, (Z)-	39626	000301-02-0	35
			Hexadecanamide	34960	000629-54-9	10
			Dodecanamide	22660	001120-16-7	40
21	28.35	1.89	C:\DATABASE\NBS75K.L			
			Benzo[e]pyrene	71509	000192-97-2	81
			Benzo[j]fluoranthene	34435	000205-82-3	97
			Perylene	34430	000198-55-0	90
22	28.40	0.97	C:\DATABASE\NBS75K.L			
			Thiophene, 2-(methylselenyl)-5-(pr	34181	031053-59-5	32
			Benzo[e]pyrene	71509	000192-97-2	43
			Benzo[j]fluoranthene	34435	000205-82-3	32
23	28.57	0.99	C:\DATABASE\NBS75K.L			
			2,6-Octadien-1-ol, 3,7-dimethyl-,	69490	000105-87-3	59
			6,10,14-Hexadecatrien-1-ol, 3,7,11	41576	036237-66-8	64
			2,6,10-Dodecatrien-1-ol, 3,7,11-tr	70628	004602-84-0	59
24	29.02	1.24	C:\DATABASE\NBS75K.L			
			Benzo[e]pyrene	71509	000192-97-2	93

			Perylene	34430	000198-55-0	93
			Benzo[j]fluoranthene	34435	000205-82-3	86
25	29.10	1.15	C:\DATABASE\NBS75K.L			
			Docosane, 7-hexyl-	53458	055373-86-9	91
			Hexacosane	51010	000630-01-3	91
			Heneicosane	72685	000629-94-7	91
26	29.14	1.16	C:\DATABASE\NBS75K.L			
			Benzo[e]pyrene	71509	000192-97-2	89
			Benzo[a]pyrene	34431	000050-32-8	68
			Benzo[j]fluoranthene	34435	000205-82-3	83
27	29.33	5.90	C:\DATABASE\XENCO.L			
			Perylene (D12)	110	000000-00-0	80
			Perylene (D12)	40	000000-00-0	80
28	29.61	0.93	C:\DATABASE\NBS75K.L			
			17-Pentatriacontene	58705	006971-40-0	76
			1-Heneicosyl formate	48207	077899-03-7	53
			Phosphonic acid, dioctadecyl ester	60683	019047-85-9	86
29	29.92	0.64	C:\DATABASE\NBS75K.L			
			Docosane	44318	000629-97-0	72
			Heneicosane	42201	000629-94-7	74
			Nonadecane, 9-methyl-	39865	013287-24-6	90
30	30.24	0.73	C:\DATABASE\NBS75K.L			
			4,8,13-Cyclotetradecatriene-1,3-di	43780	007220-78-2	11
			Ergosta-7,22-dien-3-ol, acetate, (56538	001449-60-1	25
			Sesquirosefuran	27261	039007-93-7	41
	30.73	2.13	C:\DATABASE\NBS75K.L			
			Docosane	44318	000629-97-0	91
			Heptadecane	32063	000629-78-7	90
			Nonadecane, 9-methyl-	39865	013287-24-6	87
32	31.21	0.77	C:\DATABASE\NBS75K.L			
			1-Eicosanol	72722	000629-96-9	11
			1-Octadecene	71502	000112-88-9	25
			1-Octadecanol	72028	000112-92-5	11
33	31.54	0.77	C:\DATABASE\NBS75K.L			
			Benzo[ghi]perylene	72173	000191-24-2	50
			Benzo[ghi]perylene	38894	000191-24-2	27
			Indeno[1,2,3-cd]pyrene	72175	000193-39-5	41
34	31.74	1.40	C:\DATABASE\NBS75K.L			
			Benzo[ghi]perylene	38894	000191-24-2	93
			Benzo[ghi]perylene	72172	000191-24-2	91
			Benzo[ghi]perylene	72173	000191-24-2	72
35	31.87	1.97	C:\DATABASE\NBS75K.L			
			1-Hexacosanal	52247	000000-00-0	52
			Hexadecanal	32055	000629-80-1	86
			(Z)14-Tricosenyl formate	50987	077899-10-6	53
36	32.08	0.59	C:\DATABASE\NBS75K.L			
			Dibenz[a,h]anthracene	39243	000053-70-3	59
			Benzo[b]triphenylene	39238	000215-58-7	68
			Disulfide, bis(2-methoxyphenyl)	39089	013920-94-0	37
37	32.25	3.80	C:\DATABASE\NBS75K.L			
			Tetratriacontane	58265	014167-59-0	58

			Docosane, 11-decyl-	57073	055401-55-3	64
			Heneicosane	42201	000629-94-7	76
38	32.34	1.42	C:\DATABASE\NBS75K.L			
			D-Norandrostan-16-one, (5.alpha.)-	35952	032319-06-5	38
			.beta.-Amyrin trimethylsilyl ether	58902	001721-67-1	45
			Naphthalene, 1-(phenylmethyl)-	27284	000611-45-0	58
39	32.40	1.46	C:\DATABASE\NBS75K.L			
			Aciphyllene	23900	087745-31-1	53
			1H-Cycloprop[e]azulene, 1a,2,3,4,4	23968	000489-40-7	35
			2-Naphthalenemethanol, 1,2,3,4,4a,	28212	001209-71-8	14
40	32.46	1.22	C:\DATABASE\NBS75K.L			
			2-Pentacosanone	50991	000000-00-0	38
			Oxirane, 3-ethyl-2,2-dimethyl-	63346	001192-22-9	64
			Oxirane, tetramethyl-	63416	005076-20-0	38
41	32.63	0.76	C:\DATABASE\NBS75K.L			
			Tetradecanal	25969	000124-25-4	52
			Cycloheptadecanol	34803	004429-77-0	22
			(R)-(-)-(Z)-14-Methyl-8-hexadecen-	34804	030689-78-2	42
42	32.69	1.11	C:\DATABASE\NBS75K.L			
			D-Norandrostan-16-one, (5.alpha.)-	35952	032319-06-5	16
			Olean-12-ene, 3-methoxy-, (3.beta.	56560	014021-26-2	86
			Urs-12-ene, 3-methoxy-, (3.beta.)-	56561	014021-28-4	76
43	32.77	1.55	C:\DATABASE\NBS75K.L			
			1,4-Benzenediol, 2-[(1,4,4a,5,6,7,	44881	039707-55-6	38
			Anthracene, 9-dodecyltetradecahydr	73846	055401-75-7	32
			Anthracene, 9-butyltetradecahydro-	33610	055133-89-6	50
	33.01	0.98	C:\DATABASE\NBS75K.L			
			Heptadecane, 2,3-dimethyl-	37461	061868-03-9	64
			Acetamide, N-methyl-N-[4-[4-methox	31490	000000-00-0	25
			Nonadecane	71950	000629-92-5	64
45	33.10	0.91	C:\DATABASE\NBS75K.L			
			Pyrrolizidine-3-one, 5-propyl-	14295	000000-00-0	16
			1-Phenanthrenecarboxylic acid, 7-e	46904	057397-04-3	16
			Pregn-4-ene-3,20-dione, (9.beta.,1	44865	002755-10-4	16
46	33.25	0.83	C:\DATABASE\NBS75K.L			
			Methyl abietate isomer	45157	024563-92-6	9
			Guaiol	70617	000489-86-1	16
			Guaiol	70619	000489-86-1	22
47	33.45	1.33	C:\DATABASE\NBS75K.L			
			Hexadecanal	32055	000629-80-1	62
			16-Octadecenal	37043	056554-87-1	64
			Cyclododecanol	18970	001724-39-6	35
48	33.66	1.20	C:\DATABASE\NBS75K.L			
			(E,E)-7,11,15-Trimethyl-3-methylen	38200	070901-63-2	10
			Vitamin A aldehyde	40247	000116-31-4	47
			5.beta.-Cholest-23-ene, (Z)-	51424	014949-12-3	14
	33.87	2.35	C:\DATABASE\NBS75K.L			
			Octadecane	71561	000593-45-3	91
			Tetracosane	73543	000646-31-1	87
			Heneicosane	42201	000629-94-7	91
50	34.82	1.13	C:\DATABASE\NBS75K.L			

Information from Data File:

File: C:\HPCHEM\2\DATA\1106SV0\SV007.D
 Operator: LEC
 Date Acquired: 6 Nov 2000 21:23
 Method File: A02SV113
 Sample Name: 205493-017 *33.3*
 Misc Info: *11/02/00 14:18*ARM*
 Vial Number: 7

Search Libraries: C:\DATABASE\XENCO.L Minimum Quality: 80
 C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
 Integration Events: RTE Integrator - rteint.p

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	4.59	2.18	C:\DATABASE\XENCO.L 2-Fluorophenyl 2-Fluorophenyl	103 33	000000-00-0 000000-00-0	91 91
2	5.75	2.57	C:\DATABASE\NBS75K.L Hexanoic acid, anhydride Hexanoic acid, anhydride Glycocyanidine	70335 26310 1373	002051-49-2 002051-49-2 000503-86-6	38 45 36
3	6.24	3.53	C:\DATABASE\XENCO.L 1,4-Dichlorobenzene-d4 1,4-Dichlorobenzene-d4	104 34	000000-00-0 000000-00-0	87 87
4	7.29	2.30	C:\DATABASE\XENCO.L Nitrobenzene (D5) Nitrobenzene (D5) Bromochloromethane	105 35 100	000000-00-0 000000-00-0 000000-00-0	91 91 1
5	8.78	4.79	C:\DATABASE\NBS75K.L Naphthalene-d8- 1-(3-Methyl-2-pyrazinyl)-1-ethanon 7H-Pyrazolo[4,3-d]pyrimidin-7-one,	6596 6433 6374	001146-65-2 000000-00-0 013877-55-9	95 64 9
6	11.62	3.87	C:\DATABASE\XENCO.L 2-Fluorobiphenyl 2-Fluorobiphenyl	107 37	000000-00-0 000000-00-0	96 96
7	13.42	4.85	C:\DATABASE\XENCO.L Acenaphthene (D10) Acenaphthene (D10)	108 38	000000-00-0 000000-00-0	96 96
8	15.70	1.94	C:\DATABASE\XENCO.L 2,4,6-Tribromophenol 2,4,6-Tribromophenol	109 39	000000-00-0 000000-00-0	96 96
9	17.62	4.82	C:\DATABASE\NBS75K.L Anthracene-d10- Phenanthrene-d10 Cyclohexanone, phenylhydrazone	19957 19958 19927	001719-06-8 001517-22-2 000946-82-7	96 98 40
	17.68	0.88	C:\DATABASE\NBS75K.L 7,8-Diphenylbicyclo[4.2.1]nona-2,4 2-Cyclopropen-1-one, 2,3-diphenyl- Titanium, dicarbonylbis(.eta.5-2,4	37860 24436 30653	054049-09-1 000886-38-4 012129-51-0	50 50 39
11	21.17	3.04	C:\DATABASE\NBS75K.L			

			Fluoranthene	23467	000206-44-0	87
			Fluoranthene	69814	000206-44-0	96
			Fluoranthene	69815	000206-44-0	93
12	21.79	2.66	C:\DATABASE\NBS75K.L			
			Pyrene	23469	000129-00-0	94
			Pyrene	69820	000129-00-0	46
			Pyrene	69819	000129-00-0	38
13	22.48	4.26	C:\DATABASE\XENCO.L			
			4-Terphenyl (d14)	102	000000-00-0	99
			4-Terphenyl (d14)	32	000000-00-0	99
14	22.87	0.94	C:\DATABASE\NBS75K.L			
			Phenanthrene, 1-methyl-7-(1-methyl	30788	000483-65-8	49
			Phenanthrene, 3,4,5,6-tetramethyl-	30795	007343-06-8	49
			Anthracene, 2-(1,1-dimethylethyl)-	30790	018801-00-8	58
15	24.15	1.14	C:\DATABASE\NBS75K.L			
			1-Phenanthrenecarboxylic acid, 1,2	72783	001740-19-8	98
			1-Phenanthrenecarboxylic acid, 1,2	44864	001235-74-1	89
			2,5-Dimethoxymandelic acid, di-TMS	49860	000000-00-0	9
16	24.19	1.08	C:\DATABASE\NBS75K.L			
			9-Octadecenamide, (Z)-	39626	000301-02-0	43
			9-Octadecenamide, (Z)-	72284	000301-02-0	14
			Heptanamide, 4-ethyl-5-methyl-	15486	054789-40-1	56
17	24.35	0.56	C:\DATABASE\NBS75K.L			
			3H-Oxireno[8,8a]naphtho[2,3-b]fura	41214	056246-43-6	35
			7H-Benz[de]anthracen-7-one	70899	000082-05-3	78
			7H-Benz[de]anthracen-7-one	70898	000082-05-3	38
18	24.76	0.82	C:\DATABASE\NBS75K.L			
			Benzo[ghi]fluoranthene	29274	000203-12-3	22
			Benzo[ghi]fluoranthene	70791	000203-12-3	47
			Benzene, 1-bromo-2,6-dichloro-	70670	019393-92-1	9
19	25.43	6.85	C:\DATABASE\NBS75K.L			
			Chrysene-d12	32068	001719-03-5	98
			[1,1'-Biphenyl]-4,4'-diamine, N,N,	32051	000366-29-0	9
			Salicylaldehyde, azine	71176	000959-36-4	40
20	25.48	2.29	C:\DATABASE\NBS75K.L			
			Chrysene	70850	000218-01-9	94
			Chrysene	29696	000218-01-9	43
			Benz[a]anthracene	29697	000056-55-3	96
21	27.35	0.72	C:\DATABASE\NBS75K.L			
			Pentatriacontane	58743	000630-07-9	91
			Tetratetracontane	61068	007098-22-8	81
			Hexatriacontane	74636	000630-06-8	94
22	28.15	4.80	C:\DATABASE\NBS75K.L			
			9-Octadecenamide, (Z)-	72284	000301-02-0	56
			Dodecanamide	22660	001120-16-7	38
			3-(Isopropylthio)propyne	2941	000000-00-0	47
23	28.34	2.02	C:\DATABASE\NBS75K.L			
			Benzo[e]pyrene	71509	000192-97-2	91
			Benzo[a]pyrene	71508	000050-32-8	96
			Benzo[j]fluoranthene	34435	000205-82-3	76
24	28.40	1.53	C:\DATABASE\NBS75K.L			

			Benzo[e]pyrene	71509	000192-97-2	86
			Benzo[j]fluoranthene	34435	000205-82-3	86
			Perylene	71506	000198-55-0	86
25	28.59	0.75	C:\DATABASE\NBS75K.L			
			Benzo[e]pyrene	71509	000192-97-2	70
			Perylene	34430	000198-55-0	76
			Benzo[j]fluoranthene	34435	000205-82-3	70
26	29.00	1.38	C:\DATABASE\NBS75K.L			
			Benzo[e]pyrene	71509	000192-97-2	64
			Perylene	34430	000198-55-0	64
			Benzo[j]fluoranthene	34435	000205-82-3	94
27	29.08	0.86	C:\DATABASE\NBS75K.L			
			Tetracosane	73543	000646-31-1	91
			Heptadecane, 2,6,10,15-tetramethyl	42196	054833-48-6	86
			Docosane	44318	000629-97-0	70
28	29.13	1.58	C:\DATABASE\NBS75K.L			
			Benzo[a]pyrene	71508	000050-32-8	94
			Benzo[j]fluoranthene	34435	000205-82-3	91
			Benzo[e]pyrene	71509	000192-97-2	91
29	29.31	4.79	C:\DATABASE\XENCO.L			
			Perylene (D12)	110	000000-00-0	87
			Perylene (D12)	40	000000-00-0	87
30	30.21	0.67	C:\DATABASE\NBS75K.L			
			1,2-Pentanediol, 5-(6-bromodecahyd	54063	115346-29-7	41
			Silane, tetra-2-propenyl-	20794	001112-66-9	14
			1H-Indene, 5-butyl-6-hexyloctahydr	36680	055044-36-5	35
31	30.71	1.61	C:\DATABASE\NBS75K.L			
			Tetradecane	69662	000629-59-4	91
			Tetracosane	73543	000646-31-1	87
			Docosane	44318	000629-97-0	68
32	30.79	0.90	C:\DATABASE\NBS75K.L			
			Cyclohexadecane	28780	000295-65-8	86
			3-Eicosene, (E)-	39521	074685-33-9	64
			Cyclohexane, 1,2-dimethyl-3-pentyl	28781	062376-17-4	49
33	31.72	1.24	C:\DATABASE\NBS75K.L			
			Benzo[ghi]perylene	38894	000191-24-2	93
			Benzo[ghi]perylene	72173	000191-24-2	91
			Benzo[ghi]perylene	72172	000191-24-2	93
34	31.85	0.97	C:\DATABASE\NBS75K.L			
			Hexadecanal	32055	000629-80-1	80
			Octadecanal	37453	000638-66-4	87
			16-Octadecenal	37043	056554-87-1	72
35	32.05	1.44	C:\DATABASE\NBS75K.L			
			Dibenz[a,h]anthracene	39243	000053-70-3	89
			Benzo[b]triphenylene	39238	000215-58-7	90
			Dibenz[a,h]anthracene	72229	000053-70-3	89
	32.23	3.58	C:\DATABASE\NBS75K.L			
			Octadecane	71560	000593-45-3	49
			Nonadecane, 9-methyl-	39865	013287-24-6	46
			Heptadecane	32063	000629-78-7	49
37	32.32	1.34	C:\DATABASE\NBS75K.L			

			Olean-12-ene, 3-methoxy-, (3.beta.)	56560	014021-26-2	32
			Olean-12-ene	54654	000471-68-1	50
			.beta.-Amyrin	55706	000559-70-6	64
38	32.38	1.46	C:\DATABASE\NBS75K.L			
			1H-Cycloprop[e]azulene, 1a,2,3,4,4	69951	000489-40-7	27
			Naphthalene, decahydro-4a-methyl-1	23928	000515-17-3	27
			1H-Cyclopropa[a]naphthalene, 1a,2,	23920	000489-29-2	46
39	32.44	0.60	C:\DATABASE\NBS75K.L			
			2-Pentacosanone	50991	000000-00-0	37
			Oxirane, tetramethyl-	63416	005076-20-0	42
			2-Propanol, 1-iodo-2-methyl-	22713	023825-98-1	38
40	32.66	0.74	C:\DATABASE\NBS75K.L			
			Urs-12-ene, 3-methoxy-, (3.beta.)-	56561	014021-28-4	70
			Olean-12-ene, 3-methoxy-, (3.beta.)	56560	014021-26-2	76
			Pyrene, hexadecahydro-	27271	002435-85-0	38
41	32.73	2.50	C:\DATABASE\NBS75K.L			
			.gamma.-Sitosterol	54958	000083-47-6	95
			.beta.-Sitosterol	74350	000083-46-5	64
			Ergost-5-en-3-ol, (3.beta.)-	53987	004651-51-8	76
42	32.99	0.79	C:\DATABASE\NBS75K.L			
			Hexatriacontane	74635	000630-06-8	49
			Triacontane	55461	000638-68-6	46
			Heptadecane, 8-methyl-	34816	013287-23-5	46
43	33.16	0.88	C:\DATABASE\NBS75K.L			
			Cyclodeca[b]furan-2(3H)-one, 3a,4,	30370	000553-21-9	38
			5.alpha.-Pregnane-12,20-dione	73175	006022-48-6	38
			Cyclohexanol, 4-ethyl-4-methyl-3-(18471	056272-09-4	10
44	33.43	0.90	C:\DATABASE\NBS75K.L			
			Tetradecanal	25969	000124-25-4	83
			Pentadecanal-	29230	002765-11-9	87
			Oxirane, hexadecyl-	37448	007390-81-0	64
45	33.63	1.40	C:\DATABASE\NBS75K.L			
			2-Buten-1-one, 1-(1,4-dihydroxy-2,	28647	054345-34-5	38
			3-Octyne, 2,2,7-trimethyl-	10435	055402-13-6	14
			2-Pentenoic acid, 5-(decahydro-5,5	43512	024470-48-2	35
46	33.84	0.93	C:\DATABASE\NBS75K.L			
			Docosane	44318	000629-97-0	86
			Hexadecane	29267	000544-76-3	86
			Tetradecane	69662	000629-59-4	86
47	33.89	1.14	C:\DATABASE\NBS75K.L			
			Pregn-4-ene-3,20-dione, (10.alpha.)	44879	003562-13-8	53
			Pregn-4-ene-3,20-dione, (8.alpha.,	44890	003795-19-5	35
			Pregn-4-ene-3,20-dione, (10.alpha.)	73117	003562-13-8	83
48	34.56	1.13	C:\DATABASE\NBS75K.L			
			Naphtho[1,2-b]furan-2,8(3H,4H)-dio	33935	017956-11-5	25
			2(1H)-Naphthalenone, 4a,5,6,7,8,8a	27713	017408-66-1	25
			Bicyclo[2.2.1]heptane, 2,2,3-trime	7063	020536-40-7	11
49	34.79	1.37	C:\DATABASE\NBS75K.L			
			Naphthalene, 2-(1,1-dimethylethyl)	25010	054934-96-2	30
			Androstane-3,12,17-trione, (5.beta)	43121	053604-37-8	11
			Bicyclo[2.2.1]heptane, 2,2,3-trime	7066	020536-41-8	18

Information from Data File:

File: K:\HPCHEM\2\DATA\1106SV0\SV008.D
 Operator: LEC
 Date Acquired: 6 Nov 2000 10:12 pm
 Method File: A02SV113
 Sample Name: 205493-022 *33.3*
 Misc Info: *11/02/00 14:20*ARM*
 Vial Number: 8

Search Libraries: C:\DATABASE\XENCO.L Minimum Quality: 80
 C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
 Integration Events: RTE Integrator - rteint.p

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	4.59	2.69	C:\DATABASE\NBS75K.L Phenol, 2-fluoro- Phenol, 4-fluoro- Phenol, 4-fluoro-	2492 63936 2493	000367-12-4 000371-41-5 000371-41-5	91 12 7
2	5.75	2.96	C:\DATABASE\XENCO.L PHENOL -d6 PHENOL -d6	127 57	000000-00-0 000000-00-0	86 86
3	6.24	4.27	C:\DATABASE\XENCO.L 1,4-Dichlorobenzene-d4 1,4-Dichlorobenzene-d4	104 34	000000-00-0 000000-00-0	91 91
4	7.29	2.69	C:\DATABASE\XENCO.L Nitrobenzene (D5) Nitrobenzene (D5) Bromochloromethane	105 35 100	000000-00-0 000000-00-0 000000-00-0	91 91 1
5	8.78	5.60	C:\DATABASE\XENCO.L Naphthalene (D8) Naphthalene (D8)	106 36	000000-00-0 000000-00-0	90 90
6	11.62	4.48	C:\DATABASE\XENCO.L 2-Fluorobiphenyl 2-Fluorobiphenyl	107 37	000000-00-0 000000-00-0	97 97
7	11.69	0.41	C:\DATABASE\NBS75K.L Butanoic acid, butyl ester Butanoic acid, butyl ester Butanoic acid, butyl ester	66323 66322 66320	000109-21-7 000109-21-7 000109-21-7	64 56 72
8	13.42	5.95	C:\DATABASE\XENCO.L Acenaphthene (D10) Acenaphthene (D10)	108 38	000000-00-0 000000-00-0	97 97
9	15.70	2.50	C:\DATABASE\XENCO.L 2,4,6-Tribromophenol 2,4,6-Tribromophenol	109 39	000000-00-0 000000-00-0	87 87
10	16.43	0.99	C:\DATABASE\NBS75K.L Hexadecane, 2,6,10,14-tetramethyl- Pentadecane, 2,6,10,14-tetramethyl Pentadecane, 2,6,10,14-tetramethyl	72328 71951 71953	000638-36-8 001921-70-6 001921-70-6	78 90 50
11	17.62	6.19	C:\DATABASE\XENCO.L PHENANTHRENE -d10	126	000000-00-0	95

12	18.63	0.40	C:\DATABASE\NBS75K.L 1,2-Benzenedicarboxylic acid, buty 1,2-Benzenedicarboxylic acid, buty Dibutyl phthalate	39131 73479 72214	017851-53-5 000084-78-6 000084-74-2	47 47 78
	21.15	0.49	C:\DATABASE\NBS75K.L Fluoranthene Pyrene Pyrene	23467 69819 23469	000206-44-0 000129-00-0 000129-00-0	96 91 96
14	21.77	0.46	C:\DATABASE\NBS75K.L Pyrene Pyrene Pyrene	69820 23469 69819	000129-00-0 000129-00-0 000129-00-0	80 87 96
15	22.48	4.81	C:\DATABASE\XENCO.L 4-Terphenyl (d14) 4-Terphenyl (d14)	102 32	000000-00-0 000000-00-0	99 99
16	24.18	0.59	C:\DATABASE\NBS75K.L 9-Octadecenamide, (Z)- 9-Octadecenamide, (Z)- Dodecanamide	39626 72284 22660	000301-02-0 000301-02-0 001120-16-7	53 42 25
17	25.41	5.89	C:\DATABASE\NBS75K.L Chrysene-d12 [1,1'-Biphenyl]-4,4'-diamine, N,N, Salicylaldehyde, azine	32068 32051 71176	001719-03-5 000366-29-0 000959-36-4	98 9 28
18	25.48	1.39	C:\DATABASE\NBS75K.L Heptadecane, 8-methyl- Nonadecane Decane, 3-methyl-	34816 71950 67315	013287-23-5 000629-92-5 013151-34-3	78 47 72
19	26.43	0.89	C:\DATABASE\NBS75K.L Hexatriacontane Eicosane, 7-hexyl- Hexatriacontane	74636 50999 59136	000630-06-8 055333-99-8 000630-06-8	91 87 91
20	27.35	2.59	C:\DATABASE\NBS75K.L 10-Methylnonadecane Octadecane Nonadecane	39858 71561 37469	000000-00-0 000593-45-3 000629-92-5	87 80 80
21	28.13	3.95	C:\DATABASE\NBS75K.L Hexadecanamide Octadecanamide Dodecanamide	34960 39996 22660	000629-54-9 000124-26-5 001120-16-7	32 32 38
22	28.23	1.01	C:\DATABASE\NBS75K.L Heptadecane Heneicosane Nonadecane, 9-methyl-	32063 42201 39865	000629-78-7 000629-94-7 013287-24-6	86 91 91
23	28.31	0.74	C:\DATABASE\NBS75K.L Benzo[k]fluoranthene Benzo[a]pyrene Benz[e]acephenanthrylene	71510 71508 34432	000207-08-9 000050-32-8 000205-99-2	96 95 96
24	28.57	0.71	C:\DATABASE\NBS75K.L 16-Octadecenal Hexadecanal	37043 32055	056554-87-1 000629-80-1	74 81

25	29.09	4.23	C:\DATABASE\NBS75K.L Octadecane Heneicosane Nonadecane, 9-methyl-	71561 42201 39865	000593-45-3 000629-94-7 013287-24-6	87 91 91
	29.30	5.47	C:\DATABASE\XENCO.L Perylene (D12) Perylene (D12)	110 40	000000-00-0 000000-00-0	83 83
27	29.90	1.02	C:\DATABASE\NBS75K.L Heptadecane Heneicosane Octadecane	32063 42201 71561	000629-78-7 000629-94-7 000593-45-3	87 90 90
28	30.26	0.39	C:\DATABASE\NBS75K.L Hexadecanal Octadecanal Pentadecanal-	32055 37453 29230	000629-80-1 000638-66-4 002765-11-9	78 72 52
29	30.71	4.02	C:\DATABASE\NBS75K.L Tetradecane Tetracosane Heneicosane	69662 73543 42201	000629-59-4 000646-31-1 000629-94-7	80 87 91
30	30.78	1.51	C:\DATABASE\NBS75K.L 1-Eicosanol 1-Nonadecanol 1-Pentadecanol	72722 40236 70846	000629-96-9 001454-84-8 000629-76-5	49 35 86
31	30.90	0.58	C:\DATABASE\NBS75K.L 2-Pentacosanone Oxirane, 3-ethyl-2,2-dimethyl- 2-Nonadecanone	50991 1516 39849	000000-00-0 001192-22-9 000629-66-3	68 50 45
32	31.48	0.63	C:\DATABASE\NBS75K.L Nonadecane, 9-methyl- Heneicosane 10-Methylnonadecane	39865 42201 39858	013287-24-6 000629-94-7 000000-00-0	91 91 91
33	31.85	1.21	C:\DATABASE\NBS75K.L Tetradecanal Tetradecanal Tetradecanal	70266 25969 70265	000124-25-4 000124-25-4 000124-25-4	90 90 83
34	32.16	0.47	C:\DATABASE\NBS75K.L Taraxerol Naphthalene, 1,2,3,5,6,7,8,8a-octa Cyclohexene, 1-methyl-4-(5-methyl-	55729 69888 69970	000127-22-0 004630-07-3 000495-61-4	35 30 14
35	32.23	2.93	C:\DATABASE\NBS75K.L Tetracosane Heneicosane Docosane	73543 42201 44318	000646-31-1 000629-94-7 000629-97-0	87 91 87
36	32.33	0.86	C:\DATABASE\NBS75K.L 1-Eicosanol 1-Dotriacontanol 1-Pentadecanol	72722 57795 29675	000629-96-9 006624-79-9 000629-76-5	90 87 25
37	32.44	0.90	C:\DATABASE\NBS75K.L 2-Pentacosanone 2-Nonadecanone	50991 39849	000000-00-0 000629-66-3	45 45

			Oxirane, tetramethyl-	63416	005076-20-0	50
38	32.72	2.81	C:\DATABASE\NBS75K.L .gamma.-Sitosterol	54958	000083-47-6	90
			Ergost-5-en-3-ol, (3.beta.)-	53987	004651-51-8	74
			.beta.-Sitosterol	74350	000083-46-5	46
	32.99	1.11	C:\DATABASE\NBS75K.L Nonadecane	71949	000629-92-5	55
			Dodecane	68252	000112-40-3	30
			1-Iodo-2-methylundecane	41997	073105-67-6	30
40	33.15	0.51	C:\DATABASE\NBS75K.L 1,2-Benzodithiol-1-ium, 4,5,6,7-te	44415	055836-85-6	10
			(2H)Phenanthro[9,10-b]pyran	30391	000000-00-0	22
			dl-4-Isopropyl-3-(1-carboxyethyl)-	30068	000000-00-0	16
41	33.22	0.59	C:\DATABASE\NBS75K.L 2-Pentacosanone	50991	000000-00-0	38
			1,3,5-Trioxane, 2-(1,1-dimethyleth	8815	054063-17-1	37
			Octanal, 7-hydroxy-3,7-dimethyl-	68361	000107-75-5	47
42	33.42	1.42	C:\DATABASE\NBS75K.L Oxirane, hexadecyl-	37448	007390-81-0	52
			Pentadecanal-	29230	002765-11-9	78
			1,13-Tridecanediol, diacetate	42769	042236-70-4	35
43	33.82	0.53	C:\DATABASE\NBS75K.L Tetracosane	73543	000646-31-1	87
			Docosane	44318	000629-97-0	58
			Heptadecane, 2,6,10,15-tetramethyl	42196	054833-48-6	80
	33.88	1.36	C:\DATABASE\NBS75K.L Progesterone	73126	000057-83-0	27
			Progesterone	73125	000057-83-0	58
			Pregn-4-ene-3,20-dione, (10.alpha.)	73117	003562-13-8	47
45	34.12	1.02	C:\DATABASE\NBS75K.L 2-Pentacosanone	50991	000000-00-0	53
			Octanal, 7-hydroxy-3,7-dimethyl-	68361	000107-75-5	10
			Oxirane, 3-ethyl-2,2-dimethyl-	63346	001192-22-9	50
46	34.52	0.82	C:\DATABASE\NBS75K.L Spiro[cyclopropane-1,9'-[9H]fluore	43981	034296-55-4	40
			Uracil, 3-(2-mercaptoethyl)-5-phen	33428	029558-47-2	43
			Phensuximide	69210	000086-34-0	38
47	34.73	0.42	C:\DATABASE\NBS75K.L 2H-Bisoxireno[2,3:8,8a]azuleno[4,5	36254	036416-50-9	43
			Naphthalene, decahydro-1,4a-dimeth	25002	030824-81-8	53
			Trifluoroacetyl-neomenthol	34257	000000-00-0	14
48	34.79	0.87	C:\DATABASE\NBS75K.L 2-Cyclohexene-1-carboxaldehyde, 2,	27726	056772-07-7	32
			Fonofos	71315	000944-22-9	27
			Fonofos	71316	000944-22-9	27
49	35.14	0.85	C:\DATABASE\NBS75K.L 1,3-Cyclobutanedicarboxylic acid,	24173	025596-64-9	9
			Adenosine, 2-methyl-	39546	016526-56-0	7
			trans-3,4-Epoxyoctane	5128	028180-72-5	10
50	36.30	0.82	C:\DATABASE\NBS75K.L 2-Pentacosanone	50991	000000-00-0	42

Information from Data File:

File: K:\HPCHEM\2\DATA\1106SV0\SV009.D
 Operator: LEC
 Date Acquired: 6 Nov 2000 11:01 pm
 Method File: A02SV113
 Sample Name: 205493-025 *33.3*
 Misc Info: *11/02/00 14:22*ARM*
 Vial Number: 9

Search Libraries: C:\DATABASE\XENCO.L Minimum Quality: 80
 C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
 Integration Events: RTE Integrator - rteint.p

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	4.58	1.42	C:\DATABASE\NBS75K.L			
			Phenol, 2-fluoro-	2492	000367-12-4	91
			Phenol, 4-fluoro-	63936	000371-41-5	12
			Phenol, 4-fluoro-	2493	000371-41-5	7
2	5.75	2.09	C:\DATABASE\NBS75K.L			
			Hexanoic acid, anhydride	70335	002051-49-2	9
			Glycocyanidine	1373	000503-86-6	45
			Hexanoic acid, 1,2,3-propanetriyl	52708	000621-70-5	4
3	6.23	4.65	C:\DATABASE\XENCO.L			
			1,4-Dichlorobenzene-d4	104	000000-00-0	87
			1,4-Dichlorobenzene-d4	34	000000-00-0	87
	7.28	1.40	C:\DATABASE\XENCO.L			
			Nitrobenzene (D5)	105	000000-00-0	91
			Nitrobenzene (D5)	35	000000-00-0	91
			Bromochloromethane	100	000000-00-0	1
5	8.77	6.31	C:\DATABASE\XENCO.L			
			Naphthalene (D8)	106	000000-00-0	91
			Naphthalene (D8)	36	000000-00-0	91
6	11.62	3.63	C:\DATABASE\XENCO.L			
			2-Fluorobiphenyl	107	000000-00-0	98
			2-Fluorobiphenyl	37	000000-00-0	98
7	11.68	0.45	C:\DATABASE\NBS75K.L			
			Butanoic acid, butyl ester	66320	000109-21-7	64
			Butanoic acid, butyl ester	66323	000109-21-7	50
			Propanoic acid, 2-methyl-, butyl e	66307	000097-87-0	64
8	13.42	6.51	C:\DATABASE\XENCO.L			
			Acenaphthene (D10)	108	000000-00-0	95
			Acenaphthene (D10)	38	000000-00-0	95
9	15.70	2.16	C:\DATABASE\XENCO.L			
			2,4,6-Tribromophenol	109	000000-00-0	91
			2,4,6-Tribromophenol	39	000000-00-0	91
	16.42	0.62	C:\DATABASE\NBS75K.L			
			Hexadecane, 2,6,11,15-tetramethyl-	39867	000504-44-9	53
			Pentadecane, 2,6,10,14-tetramethyl	37470	001921-70-6	53
			Dodecane, 2,6,11-trimethyl-	25998	031295-56-4	80
11	17.63	6.73	C:\DATABASE\XENCO.L			

			PHENANTHRENE -d10	126	000000-00-0	90
			PHENANTHRENE -d10	56	000000-00-0	90
12	21.15	0.82	C:\DATABASE\NBS75K.L Fluoranthene	23467	000206-44-0	52
			Fluoranthene	69815	000206-44-0	90
			Pyrene	69819	000129-00-0	52
13	21.77	0.79	C:\DATABASE\NBS75K.L Pyrene	23469	000129-00-0	95
			Pyrene	69819	000129-00-0	80
			Pyrene	69820	000129-00-0	43
14	22.48	4.50	C:\DATABASE\XENCO.L 4-Terphenyl (d14)	102	000000-00-0	99
			4-Terphenyl (d14)	32	000000-00-0	99
15	24.18	0.83	C:\DATABASE\NBS75K.L 9-Octadecenamide, (Z)-	39626	000301-02-0	22
			Hexadecanamide	34960	000629-54-9	10
			Dodecanamide	22660	001120-16-7	39
16	25.42	7.55	C:\DATABASE\NBS75K.L Chrysene-d12	32068	001719-03-5	98
			[1,1'-Biphenyl]-4,4'-diamine, N,N,	32051	000366-29-0	28
			Benzenamine, 4-(6-methyl-2-benzoth	31972	000092-36-4	53
17	25.47	1.13	C:\DATABASE\NBS75K.L Tetradecane, 2-methyl-	26002	001560-95-8	37
			Decane, 1-iodo-	37256	002050-77-3	16
			Hexadecane, 2-methyl-	71195	001560-92-5	25
	27.34	1.67	C:\DATABASE\NBS75K.L Tritetracontane	60913	007098-21-7	72
			Nonadecane	37469	000629-92-5	64
			Dotriacontane	74490	000544-85-4	64
19	28.13	4.85	C:\DATABASE\NBS75K.L 9-Octadecenamide, (Z)-	39626	000301-02-0	25
			Hexadecanamide	34960	000629-54-9	10
			2-Propanol, 1-[1-methyl-2-(2-prope	16196	055956-25-7	32
20	28.23	0.45	C:\DATABASE\NBS75K.L Heptacosane	52248	000593-49-7	78
			Heptadecane	71193	000629-78-7	43
			Octadecane	71559	000593-45-3	50
21	28.32	1.16	C:\DATABASE\NBS75K.L Benzo[k]fluoranthene	71510	000207-08-9	97
			Benzo[a]pyrene	71508	000050-32-8	94
			Benzo[j]fluoranthene	34435	000205-82-3	95
22	28.37	0.51	C:\DATABASE\NBS75K.L [1,1'-Biphenyl]-4,4'-diamine, 3,3'	71484	000119-90-4	9
			Dibenzo[b,E][1,4]dioxin, 2,7-dichl	71478	033857-26-0	42
			Benzo[k]fluoranthene	71510	000207-08-9	52
23	28.58	0.69	C:\DATABASE\NBS75K.L Benzo[e]pyrene	71509	000192-97-2	60
			Perylene	34430	000198-55-0	55
			Benzo[j]fluoranthene	34435	000205-82-3	90
24	28.98	0.57	C:\DATABASE\NBS75K.L Benzo[e]pyrene	71509	000192-97-2	93

			Perylene	34430	000198-55-0	93
			Benzo[j]fluoranthene	34435	000205-82-3	95
25	29.09	3.65	C:\DATABASE\NBS75K.L			
			Docosane	44318	000629-97-0	86
			Heptadecane, 8-methyl-	34816	013287-23-5	93
			Heneicosane	42201	000629-94-7	90
26	29.31	6.20	C:\DATABASE\XENCO.L			
			Perylene (D12)	110	000000-00-0	80
			Perylene (D12)	40	000000-00-0	80
27	29.90	0.74	C:\DATABASE\NBS75K.L			
			Heneicosane	42201	000629-94-7	62
			Heptacosane	52248	000593-49-7	58
			Tetracosane, 11-decyl-	58268	055429-84-0	52
28	30.71	4.28	C:\DATABASE\NBS75K.L			
			Nonadecane, 9-methyl-	39865	013287-24-6	91
			Heneicosane	42201	000629-94-7	91
			Hexadecane, 5-butyl-	39864	006912-07-8	87
29	30.77	1.31	C:\DATABASE\NBS75K.L			
			1-Eicosanol	72722	000629-96-9	60
			1-Octadecanol	37841	000112-92-5	86
			1-Octadecanol	72028	000112-92-5	35
30	31.46	0.58	C:\DATABASE\NBS75K.L			
			Nonadecane, 9-methyl-	39865	013287-24-6	93
			Heneicosane	42201	000629-94-7	52
			Heptadecane	32063	000629-78-7	87
31	31.69	0.53	C:\DATABASE\NBS75K.L			
			Benzo[ghi]perylene	38894	000191-24-2	93
			Benzo[ghi]perylene	72172	000191-24-2	91
			Benzo[ghi]perylene	72173	000191-24-2	93
32	31.84	1.12	C:\DATABASE\NBS75K.L			
			Octadecanal	37453	000638-66-4	93
			Oxirane, hexadecyl-	37448	007390-81-0	74
			12-Octadecenal	37048	056554-91-7	83
33	32.03	0.54	C:\DATABASE\NBS75K.L			
			Dibenz[a,h]anthracene	39243	000053-70-3	22
			Benzo[b]triphenylene	39238	000215-58-7	35
			Dibenz[a,h]anthracene	72229	000053-70-3	35
34	32.22	2.81	C:\DATABASE\NBS75K.L			
			Nonadecane, 9-methyl-	39865	013287-24-6	83
			Heneicosane	42201	000629-94-7	83
			Heptadecane	32063	000629-78-7	83
35	32.34	0.86	C:\DATABASE\NBS75K.L			
			1-Hentetracontanol	60755	040710-42-7	58
			Acetic acid, octadecyl ester	73049	000822-23-1	38
			1-Eicosanol	72722	000629-96-9	30
36	32.43	0.83	C:\DATABASE\NBS75K.L			
			2-Pentacosanone	50991	000000-00-0	37
			Oxirane, 3-ethyl-2,2-dimethyl-	1516	001192-22-9	49
			Oxirane, tetramethyl-	63416	005076-20-0	50
37	32.72	2.55	C:\DATABASE\NBS75K.L			
			.gamma.-Sitosterol	54958	000083-47-6	93

			Ergost-5-en-3-ol, (3.beta.)- 1H-Naphtho[2,1-b]pyran, 4a,5,6,6a,	5398 / 004651-51-8 30 36342 056245-50-2 22
38	32.81	0.49	C:\DATABASE\NBS75K.L 10H-Phenothiazine, 5-oxide o-Toluamide, .alpha.-1-cyclohexen- 2-Propenoic acid, 2-cyano-3-(4-met	26506 001207-71-2 10 26555 023966-64-5 10 26543 018300-87-3 10
39	32.98	0.53	C:\DATABASE\NBS75K.L Docosane, 11-butyl- Octadecane, 1-chloro- Octadecane	73937 013475-76-8 64 72490 003386-33-2 76 71559 000593-45-3 64
40	33.15	0.53	C:\DATABASE\NBS75K.L Resorcinol, 4-[(2-hydroxy-3-pyridy Benzene, 1,2,4,5-tetrakis(1-methyl Benzene, 1,3,5-tri-tert-butyl-	30086 021269-87-4 12 71358 000635-11-0 12 71343 001460-02-2 12
41	33.42	0.92	C:\DATABASE\NBS75K.L Tetradecanal Tetradecanal Tetradecanal	25969 000124-25-4 90 70265 000124-25-4 83 70266 000124-25-4 83
42	33.47	1.62	C:\DATABASE\NBS75K.L Azulene, 1,2,3,5,6,7,8,8a-octahydr Hop-22(29)-en-3.beta.-ol Spiro[5.5]undec-2-ene, 3,7,7-trime	69907 003691-11-0 10 55703 058801-23-3 66 69902 018431-82-8 18
43	33.88	2.43	C:\DATABASE\NBS75K.L Pregn-4-ene-3,20-dione, (10.alpha. Pregn-4-en-3-one, 20,21-[(methylen Pregn-4-ene-3,20-dione, (8.alpha.,	73117 003562-13-8 50 49954 030882-65-6 16 44890 003795-19-5 91
	34.12	1.08	C:\DATABASE\NBS75K.L 2-Pentacosanone 2-Nonadecanone Oxirane, 3-ethyl-2,2-dimethyl-	50991 000000-00-0 42 39849 000629-66-3 40 1516 001192-22-9 40
45	34.52	0.66	C:\DATABASE\NBS75K.L Olean-18-en-28-oic acid, 3-oxo-, m A'-Neogammacer-22(29)-en-3-ol, ace 1-Isopropyl-3-(1',1',2'-trichloroa	57853 055887-94-0 89 57869 002085-25-8 35 36166 000000-00-0 17
46	34.73	0.92	C:\DATABASE\NBS75K.L 3-Octyne, 2,2-dimethyl- Longifolenaldehyde 9,10-Dihydrodeoxynivalenol	7101 019482-57-6 14 27715 019890-84-7 25 42378 000000-00-0 20
47	34.79	1.46	C:\DATABASE\NBS75K.L Benzeneacetic acid, .alpha.,3-dihy Divinylbis(cyclopropyl)silane Amorphane-B	14410 017119-15-2 43 13504 000000-00-0 38 24995 000000-00-0 14
48	35.13	1.00	C:\DATABASE\NBS75K.L 7-Aminoheptanoic acid, N-BOC- 1-Propanol, 3-ethoxy- Acetic acid, bromo-, 1,1-dimethyle	32860 000000-00-0 4 63630 000111-35-3 10 21047 005292-43-3 10
	35.51	0.44	C:\DATABASE\NBS75K.L Androstan-3-one, 17-hydroxy-1,17-d 1-Cyclohexene-1-carboxaldehyde, 2, Pentalene, octahydro-1-(2-octyldec	45446 002881-21-2 12 10355 000432-25-7 25 50603 055401-65-5 7
50	36.30	0.43	C:\DATABASE\NBS75K.L	

Information from Data File:

File: K:\HPCHEM\2\DATA\1106SV0\SV010.D
 Operator: LEC
 Date Acquired: 6 Nov 2000 11:50 pm
 Method File: A02SV113
 Sample Name: 205493-027 *33.3*
 Misc Info: *11/02/00 14:25*ARM*
 Vial Number: 10

Search Libraries: C:\DATABASE\XENCO.L Minimum Quality: 80
 C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
 Integration Events: RTE Integrator - rteint.p

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	4.58	1.87	C:\DATABASE\XENCO.L 2-Fluorophenyl 2-Fluorophenyl	103 33	000000-00-0	94 94
2	5.75	2.06	C:\DATABASE\XENCO.L PHENOL -d6 PHENOL -d6	127 57	000000-00-0	86 86
3	6.24	3.88	C:\DATABASE\XENCO.L 1,4-Dichlorobenzene-d4 1,4-Dichlorobenzene-d4	104 34	000000-00-0	90 90
4	7.29	2.25	C:\DATABASE\XENCO.L Nitrobenzene (D5) Nitrobenzene (D5) Bromochloromethane	105 35 100	000000-00-0	91 91 1
5	7.37	0.67	C:\DATABASE\NBS75K.L Undecane Undecane Undecane	67318 67317 11611	001120-21-4	94 90 90
6	8.78	5.29	C:\DATABASE\XENCO.L Naphthalene (D8) Naphthalene (D8)	106 36	000000-00-0	91 91
7	11.62	3.94	C:\DATABASE\XENCO.L 2-Fluorobiphenyl 2-Fluorobiphenyl	107 37	000000-00-0	96 96
8	13.42	5.47	C:\DATABASE\XENCO.L Acenaphthene (D10) Acenaphthene (D10)	108 38	000000-00-0	97 97
9	15.70	1.85	C:\DATABASE\XENCO.L 2,4,6-Tribromophenol 2,4,6-Tribromophenol	109 39	000000-00-0	96 96
10	17.63	5.43	C:\DATABASE\NBS75K.L Anthracene-d10- Phenanthrene-d10 Cyclohexanone, phenylhydrazone	19957 19958 19927	001719-06-8 001517-22-2 000946-82-7	98 97 53
11	22.48	4.13	C:\DATABASE\XENCO.L 4-Terphenyl (d14) 4-Terphenyl (d14)	102 32	000000-00-0	99 99

12	24.19	2.15	C:\DATABASE\NBS75K.L 9-Octadecenamide, (Z)- 9-Octadecenamide, (Z)- Hexadecanamide	39626 72284 34960	000301-02-0 000301-02-0 000629-54-9	42 27 40
	25.43	5.86	C:\DATABASE\NBS75K.L Chrysene-d12 9,10-Anthracenedione, 1,4-dihydrox Alizarin	32068 31941 31937	001719-03-5 000081-64-1 000072-48-0	99 40 9
14	25.48	0.61	C:\DATABASE\NBS75K.L 3-Ethyl-3-methylheptane Octadecane Docosane	8110 71561 44318	017302-01-1 000593-45-3 000629-97-0	64 43 50
15	26.43	0.49	C:\DATABASE\NBS75K.L Pentatriacontane Hexatriacontane Octadecane	58743 74636 71560	000630-07-9 000630-06-8 000593-45-3	91 94 91
16	27.35	1.51	C:\DATABASE\NBS75K.L Dodecane, 1,1'-oxybis- Tritetracontane Octadecane, 1-chloro-	49774 60913 72490	004542-57-8 007098-21-7 003386-33-2	46 86 80
17	28.15	5.19	C:\DATABASE\NBS75K.L 9-Octadecenamide, (Z)- 9-Octadecenamide, (Z)- Octadecanamide	39626 72284 39996	000301-02-0 000301-02-0 000124-26-5	16 45 38
18	28.23	0.65	C:\DATABASE\NBS75K.L Heptadecane Nonadecane, 9-methyl- Octadecane	32063 39865 71560	000629-78-7 013287-24-6 000593-45-3	90 78 83
19	28.32	0.54	C:\DATABASE\NBS75K.L Benzo[k]fluoranthene Benz[e]acephenanthrylene Benzo[a]pyrene	71510 34432 71508	000207-08-9 000205-99-2 000050-32-8	96 96 95
20	29.09	2.97	C:\DATABASE\NBS75K.L Heneicosane Tetracosane Nonadecane, 9-methyl-	42201 73543 39865	000629-94-7 000646-31-1 013287-24-6	91 91 91
21	29.30	4.92	C:\DATABASE\NBS75K.L Perylene-d12 5H-Naphtho[1,8-bc]thiophen-5-one, 2-Oxo-6-phenyl-4-(2-hydroxyphenyl)	36687 36621 36599	001520-96-3 010245-65-5 000000-00-0	94 59 9
22	29.90	0.86	C:\DATABASE\NBS75K.L Pentatriacontane Tetracosane, 11-decyl- Tetratriacontane	58743 58268 58265	000630-07-9 055429-84-0 014167-59-0	87 83 64
23	30.72	3.62	C:\DATABASE\NBS75K.L Tetradecane Tetracosane Hexadecane, 5-butyl-	69662 73543 39864	000629-59-4 000646-31-1 006912-07-8	80 87 74
24	30.78	1.19	C:\DATABASE\NBS75K.L 1-Docosanol 1-Eicosanol	73356 72722	000661-19-8 000629-96-9	49 35

25	31.15	0.49	C:\DATABASE\NBS75K.L Vitamin E 3,6-Dimethyl-5-oxo-1,2,3,5-tetrahy Thiazolidine, 2-phenyl-	55996 13657 13727	000059-02-9 000000-00-0 004569-82-8	64 38 38
	31.47	0.49	C:\DATABASE\NBS75K.L Hexadecane Tetradecane Tetracosane	29267 69662 73543	000544-76-3 000629-59-4 000646-31-1	52 80 87
27	31.85	0.70	C:\DATABASE\NBS75K.L 13-Octadecenal Pentadecanal- 12-Octadecenal	37046 29230 37048	056554-90-6 002765-11-9 056554-91-7	90 72 80
28	32.24	3.70	C:\DATABASE\NBS75K.L Heneicosane, 11-(1-ethylpropyl)- Tetracosane Nonadecane, 9-methyl-	51002 73543 39865	055282-11-6 000646-31-1 013287-24-6	90 83 91
29	32.32	0.49	C:\DATABASE\NBS75K.L Cyclotetracosane 1-Eicosanol 1-Octadecene	47764 72722 71502	000297-03-0 000629-96-9 000112-88-9	83 43 18
30	32.37	1.20	C:\DATABASE\NBS75K.L Germanicol Aciphyllene Naphthalene, 1,2,3,4,4a,5,6,8a-oct	55714 23900 23901	000465-02-1 087745-31-1 000473-13-2	37 16 10
	32.44	0.63	C:\DATABASE\NBS75K.L 2-Pentacosanone 2-Pentadecanone Oxirane, tetramethyl-	50991 29231 63416	000000-00-0 002345-28-0 005076-20-0	47 37 49
32	32.74	4.83	C:\DATABASE\NBS75K.L .gamma.-Sitosterol Ergost-5-en-3-ol, (3.beta.)- 26-Homo-25-hydroxycholesterol	54958 53987 55109	000083-47-6 004651-51-8 000000-00-0	95 68 47
33	32.82	0.63	C:\DATABASE\NBS75K.L Ergostanol Phenol, 3-ethyl- Phenol, 2-undecyl-	54157 64691 71409	006538-02-9 000620-17-7 020056-71-7	42 10 10
34	32.89	0.48	C:\DATABASE\NBS75K.L Olean-12-ene D-Norandrostan-16-one, (5.alpha.)- D-Norandrostan-16-ol, acetate, (5.	54654 35952 43506	000471-68-1 032319-06-5 054411-62-0	38 38 37
35	32.99	0.78	C:\DATABASE\NBS75K.L Hexatriacontane Octadecane, 1-chloro- Pentatriacontane	74635 72490 58743	000630-06-8 003386-33-2 000630-07-9	87 89 87
36	33.10	0.75	C:\DATABASE\NBS75K.L D-Norandrostan-16-one, (5.alpha.)- D-Norandrostane-16-carboxylic acid 5(1H)-Azulenone, 2,4,6,7,8,8a-hexa	35952 43505 27256	032319-06-5 054411-59-5 006754-66-1	12 25 22
37	33.18	2.92	C:\DATABASE\NBS75K.L Fenretinide	53188	065646-68-6	10

			Cyclodeca[b]ruran-2(3H)-one, 3a,4,	30370	000553-21-9	37
			1-Naphthalenol, decahydro-4a-methy	28194	030951-17-8	38
38	33.27	1.39	C:\DATABASE\NBS75K.L D-Norandrostan-16-ol, acetate, (5. Pyrene, hexadecahydro- .alpha.-Amyrin	43506 27271 55727	054411-62-0 002435-85-0 000638-95-9	10 11 20
39	33.43	1.04	C:\DATABASE\NBS75K.L Octadecanal 17-Octadecenal Cyclododecanol	37453 37041 18970	000638-66-4 056554-86-0 001724-39-6	64 59 47
40	33.49	1.21	C:\DATABASE\NBS75K.L Disulfide, diphenyl Benzo[b]naphtho[2,3-d]furan .alpha.-Amyrin	70456 70481 55727	000882-33-7 000243-42-5 000638-95-9	25 38 18
41	33.84	0.77	C:\DATABASE\NBS75K.L Heptadecane Heneicosane Nonadecane	32063 42201 37469	000629-78-7 000629-94-7 000629-92-5	87 87 58
42	33.90	2.99	C:\DATABASE\NBS75K.L Pregn-4-ene-3,20-dione, (8.alpha., Progesterone Pregn-4-ene-3,20-dione, (10.alpha.	44890 73125 73117	003795-19-5 000057-83-0 003562-13-8	86 59 64
43	33.99	0.76	C:\DATABASE\NBS75K.L 1-Eicosanol 1-Dotriacontanol 1-Docosanol	72723 57795 73355	000629-96-9 006624-79-9 000661-19-8	90 72 68
44	34.13	1.24	C:\DATABASE\NBS75K.L 2-Pentacosanone Oxirane, tetramethyl- Oxirane, tetramethyl-	50991 63416 1579	000000-00-0 005076-20-0 005076-20-0	43 46 43
45	34.28	0.65	C:\DATABASE\NBS75K.L Cholesta-1,4-dien-3-one Glycine, N-(4-hydroxyphenyl)- Benzene, 1-methoxy-3-methyl-	52391 14253 64713	000566-91-6 000122-87-2 000100-84-5	47 50 38
46	34.73	0.77	C:\DATABASE\NBS75K.L Cyclohexanol, 3-ethenyl-3-methyl-2 Bicyclo[2.2.1]heptane, 2,2,3-trime Squalene	28206 7063 54650	035727-45-8 020536-40-7 007683-64-9	38 14 10
47	34.80	1.20	C:\DATABASE\NBS75K.L 2-Cyclohexene-1-carboxaldehyde, 2, (2,4,6-Trimethylcyclohexyl) methan Cyclohexane, 1,1'-propylidenebis-	27726 11515 25004	056772-07-7 000000-00-0 054934-91-7	10 35 27
48	35.00	0.72	C:\DATABASE\NBS75K.L Bicyclo[2.2.2]octane, 1,2,3,6-tetr Cyclohexanecarboxylic acid, 4-(chl 1,10-Dimethyl-2-methylene-trans-de	14164 23724 17362	062338-45-8 055590-77-7 090548-12-2	14 43 14
49	35.14	1.12	C:\DATABASE\NBS75K.L Cyclohexanol, 3-(3,3-dimethylbutyl 2-Octene, 1,1,2-trifluoro- 7-Octenoic acid, methyl ester	18971 13893 11449	040564-98-5 074810-70-1 015766-90-2	2 9 3
50	35.52	0.64	C:\DATABASE\NBS75K.L			

Information from Data File:

File: K:\HPCHEM\2\DATA\1106SV0\SV011.D
 Operator: LEC
 Date Acquired: 7 Nov 2000 12:40 am
 Method File: A02SV113
 Sample Name: 205493-028 *33.3*
 Misc Info: *11/02/00 14:28*ARM*
 Vial Number: 11

Search Libraries: C:\DATABASE\XENCO.L Minimum Quality: 80
 C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
 Integration Events: RTE Integrator - rteint.p

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	4.58	2.27	C:\DATABASE\XENCO.L 2-Fluorophenyl 2-Fluorophenyl	103 33	000000-00-0	94 94
2	5.75	2.64	C:\DATABASE\XENCO.L PHENOL -d6 PHENOL -d6	127 57	000000-00-0	83 83
3	6.24	4.37	C:\DATABASE\XENCO.L 1,4-Dichlorobenzene-d4 1,4-Dichlorobenzene-d4	104 34	000000-00-0	90 90
4	7.29	2.31	C:\DATABASE\XENCO.L Nitrobenzene (D5) Nitrobenzene (D5) Bromochloromethane	105 35 100	000000-00-0	91 91 1
5	8.78	6.03	C:\DATABASE\XENCO.L Naphthalene (D8) Naphthalene (D8)	106 36	000000-00-0	86 86
6	11.63	4.09	C:\DATABASE\XENCO.L 2-Fluorobiphenyl 2-Fluorobiphenyl	107 37	000000-00-0	96 96
7	13.42	6.19	C:\DATABASE\XENCO.L Acenaphthene (D10) Acenaphthene (D10)	108 38	000000-00-0	96 96
8	15.70	2.17	C:\DATABASE\XENCO.L 2,4,6-Tribromophenol 2,4,6-Tribromophenol	109 39	000000-00-0	93 93
9	16.78	0.89	C:\DATABASE\NBS75K.L [1,1'-Biphenyl]-2-ol, 5-chloro- [1,1'-Biphenyl]-2-ol, 3-chloro- Pyrimidine, 2-chloro-4-methyl-6-ph	23797 23799 23754	000607-12-5 000085-97-2 032785-40-3	91 93 50
10	17.63	6.10	C:\DATABASE\XENCO.L PHENANTHRENE -d10 PHENANTHRENE -d10	126 56	000000-00-0	93 93
11	21.15	0.78	C:\DATABASE\NBS75K.L Pyrene Fluoranthene Pyrene	23469 69814 69820	000129-00-0 000206-44-0 000129-00-0	96 96 49

12	21.78	0.81	C:\DATABASE\NBS75K.L Pyrene Pyrene Pyrene	69820 23469 69819	000129-00-0 000129-00-0 000129-00-0	46 93 96
	22.48	4.40	C:\DATABASE\XENCO.L 4-Terphenyl (d14) 4-Terphenyl (d14)	102 32	000000-00-0 000000-00-0	99 99
14	24.18	0.68	C:\DATABASE\NBS75K.L 9-Octadecenamide, (Z)- 9-Octadecenamide, (Z)- Dodecanamide	72284 39626 22660	000301-02-0 000301-02-0 001120-16-7	9 43 32
15	25.43	6.88	C:\DATABASE\NBS75K.L Chrysene-d12 [1,1'-Biphenyl]-4,4'-diamine, N,N, 9,10-Anthracenedione, 1,4-dihydrox	32068 32051 31941	001719-03-5 000366-29-0 000081-64-1	98 9 33
16	25.47	0.81	C:\DATABASE\NBS75K.L Chrysene Benz[a]anthracene Chrysene	70850 70853 70852	000218-01-9 000056-55-3 000218-01-9	43 43 46
17	27.35	1.21	C:\DATABASE\NBS75K.L Ethanol, 2-(hexadecyloxy)- Dodecane, 1,1'-oxybis- 2-Propanol, 1-(hexadecyloxy)-	40554 49774 42821	002136-71-2 004542-57-8 007455-58-5	80 58 72
18	28.15	5.70	C:\DATABASE\NBS75K.L 9-Octadecenamide, (Z)- Hexadecanamide Dodecanamide	39626 34960 22660	000301-02-0 000629-54-9 001120-16-7	56 50 25
19	28.46	0.83	C:\DATABASE\NBS75K.L Benzene, 1,2,3,4-tetrachloro- Benzene, 1,2,3,4-tetrachloro- Benzene, 1,2,4,5-tetrachloro-	70312 26160 70314	000634-66-2 000634-66-2 000095-94-3	38 56 60
20	28.55	0.72	C:\DATABASE\NBS75K.L 10-Methoxy-nb-.alpha.-methylcoryna 3-Ethyl-1,5-octadiene (c,t) 2,6,10-Dodecatrien-1-ol, 3,7,11-tr	48280 7024 71837	055322-92-4 000000-00-0 004128-17-0	72 50 39
21	29.09	2.32	C:\DATABASE\NBS75K.L Tetradecane Heptadecane, 8-methyl- Docosane	69662 34816 44318	000629-59-4 013287-23-5 000629-97-0	80 91 87
22	29.32	4.95	C:\DATABASE\XENCO.L Perylene (D12) Perylene (D12)	110 40	000000-00-0 000000-00-0	80 80
23	29.42	1.58	C:\DATABASE\NBS75K.L A:D-Neooleana-12,14-diene, (3.xi., 2-Indanone, 1,1,3,3-tetraphenyl- Oleana-11,13(18)-diene	54534 56329 54530	055568-86-0 020396-40-1 054411-26-6	5 1 5
24	29.63	1.15	C:\DATABASE\NBS75K.L 1,2,3,4,6,7,8-Heptachlorodibenzofu 1-Methyl-1-(p-tert-butylphenyl)tet Benzo[1,2-b:4,5-b']bisbenzofuran-6	54345 55463 54480	067562-39-4 087048-84-8 003534-73-4	96 37 7

25	29.90	0.86	C:\DATABASE\NBS75K.L Nonadecane, 9-methyl- Pentadecane Heptadecane	39865 70276 32063	013287-24-6 000629-62-9 000629-78-7	86 80 87
26	30.22	0.74	C:\DATABASE\NBS75K.L Kauran-18-al, 17-(acetyloxy)-, (4. 4,8,13-Cyclotetradecatriene-1,3-di 9,19-Cyclolanost-25-en-3-ol, 24-me	48860 43780 56557	055902-84-6 007220-78-2 000511-61-5	22 38 27
27	30.72	2.87	C:\DATABASE\NBS75K.L Docosane Docosane, 7-hexyl- Heneicosane	72998 53458 42201	000629-97-0 055373-86-9 000629-94-7	83 80 91
28	30.79	0.80	C:\DATABASE\NBS75K.L 10-Heneicosene (c,t) Cyclohexane, 1,1'-(2-propyl-1,3-pr 1-Octadecene	41868 34016 71503	000000-00-0 055030-21-2 000112-88-9	11 58 18
29	30.90	0.69	C:\DATABASE\NBS75K.L 2-Pentacosanone Oxirane, tetramethyl- Oxirane, tetramethyl-	50991 63415 63416	000000-00-0 005076-20-0 005076-20-0	58 43 37
30	31.57	0.99	C:\DATABASE\NBS75K.L Lathosterol, TMS 1,1':3',1'':3'',1''':3''',1''':3' Silane, [(3.beta.,5.alpha.)-choles	57446 57457 57450	000000-00-0 004740-51-6 002665-03-4	9 8 9
31	31.73	0.67	C:\DATABASE\NBS75K.L Benzo[ghi]perylene Benzo[ghi]perylene Benzo[ghi]perylene	72172 38894 72171	000191-24-2 000191-24-2 000191-24-2	90 90 81
32	31.85	1.53	C:\DATABASE\NBS75K.L 1-Hexacosanal 16-Octadecenal Oxirane, hexadecyl-	52247 37043 37448	000000-00-0 056554-87-1 007390-81-0	91 43 86
33	32.01	1.41	C:\DATABASE\NBS75K.L 2-Phenanthrenecarboxaldehyde, 1,2, Ergost-5-en-3-ol, (3.beta.)- 5.beta.,6.beta.-Epoxycholest-7-en-	43750 53987 53929	072088-19-8 004651-51-8 000000-00-0	22 53 30
34	32.23	3.28	C:\DATABASE\NBS75K.L Hexadecane Tetracosane Docosane	29267 73543 44318	000544-76-3 000646-31-1 000629-97-0	74 83 86
35	32.33	1.02	C:\DATABASE\NBS75K.L 1-Hexadecanol, 3,7,11,15-tetrameth Acetamide, N-methyl-N-[4-[4-methox 1-Eicosanol	42523 31490 72723	000645-72-7 000000-00-0 000629-96-9	11 11 14
36	32.44	1.14	C:\DATABASE\NBS75K.L 2-Pentacosanone Oxirane, 3-ethyl-2,2-dimethyl- 2-Pentanone, 5-methoxy-	50991 1516 64282	000000-00-0 001192-22-9 017429-04-8	53 40 40
37	32.61	0.66	C:\DATABASE\NBS75K.L (Z)14-Tricosenyl formate Hexadecanal Cycloheptadecanol	50987 32055 34803	077899-10-6 000629-80-1 004429-77-0	38 43 64

38	32.73	3.00	C:\DATABASE\NBS75K.L .gamma.-Sitosterol Ergost-5-en-3-ol, (3.beta.)- 2H-Pyran, 2-(7-heptadecyloxy)tet	54958 53987 47754	000083-47-6 004651-51-8 056599-50-9	64 47 10
	32.81	0.67	C:\DATABASE\NBS75K.L Cedrol 1,2-Oxaborole, 2,3,4-triethyl-2,5- Methyl (1R,8aS)-2-oxo-5,5,8a-trime	70630 17852 36986	000077-53-2 061142-64-1 000000-00-0	16 25 10
40	32.99	0.64	C:\DATABASE\NBS75K.L Docosane, 11-butyl- Docosane, 6-methyl- Dotriacontane	73937 46164 74492	013475-76-8 055124-81-7 000544-85-4	10 10 10
41	33.10	0.83	C:\DATABASE\NBS75K.L Naphthalene, 1-(phenylmethyl)- .alpha.-Amyrin Olean-12-ene	27284 55727 74320	000611-45-0 000638-95-9 000471-68-1	38 55 35
42	33.16	0.71	C:\DATABASE\NBS75K.L Cholestane, 14-methyl-, (5.alpha.) Ethion 2,6-Pyridinediol, 3-[(o-hydroxyphe	52802 74102 30087	054482-34-7 000563-12-2 021269-89-6	10 12 10
43	33.43	1.14	C:\DATABASE\NBS75K.L Cycloheptadecanol (Z)14-Tricosenyl formate 8-Azabicyclo[3.2.1]octane-3-carbon	34803 50987 9755	004429-77-0 077899-10-6 005911-81-9	22 41 58
44	33.62	0.77	C:\DATABASE\NBS75K.L 4,8,13-Cyclotetradecatriene-1,3-di 2-Pentenoic acid, 5-(decahydro-5,5 Naphthalene, ar,ar',ar''-methylidy	43780 43512 55592	007220-78-2 024470-48-2 072101-29-2	35 14 10
45	33.89	1.52	C:\DATABASE\NBS75K.L Pregn-4-ene-3,20-dione, (8.alpha., Pregn-4-ene-3,20-dione, (10.alpha. Progesterone	44890 73117 73125	003795-19-5 003562-13-8 000057-83-0	38 64 35
46	34.13	1.08	C:\DATABASE\NBS75K.L 2-Pentacosanone Octanal, 7-hydroxy-3,7-dimethyl- Oxirane, tetramethyl-	50991 68362 63416	000000-00-0 000107-75-5 005076-20-0	32 37 47
47	34.34	0.66	C:\DATABASE\NBS75K.L Cyclohexane, 1,1'-(2-propyl-1,3-pr Brallobarbital 1H-Indole, 2-methyl-3-phenyl-	34016 72411 70077	055030-21-2 000561-86-4 004757-69-1	43 12 32
48	34.55	0.82	C:\DATABASE\NBS75K.L Butanoic acid, 3,7-dimethyl-6-octe 6-Octen-1-ol, 3,7-dimethyl-, propa Muurolane-A	70768 25895 24993	000141-16-2 000141-14-0 000000-00-0	22 14 14
49	34.80	0.93	C:\DATABASE\NBS75K.L Cholestan-3-ol, 2-methylene-, (3.b 1,1'-Bicyclohexyl, 2-propyl-, cis- (R)-(-)-14-Methyl-8-hexadecyn-1-ol	53963 25000 34407	022599-96-8 054934-88-2 064566-18-3	22 25 38
50	35.15	0.69	C:\DATABASE\NBS75K.L 1,4-Epoxy-naphthalene-1(2H)-methano 1H-1,2-Diazepine, 3,7-bis(1,1-dime	48638 27657	056771-86-9 055955-71-0	1 7

Information from Data File:

File: K:\HPCHEM\2\DATA\1106SV0\SV012.D
 Operator: LEC
 Date Acquired: 7 Nov 2000 1:30 am
 Method File: A02SV113
 Sample Name: 205493-036 *33.3*
 Misc Info: *11/02/00 14:30*ARM*
 Vial Number: 12

Search Libraries: C:\DATABASE\XENCO.L Minimum Quality: 80
 C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
 Integration Events: RTE Integrator - rteint.p

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	4.57	1.78	C:\DATABASE\XENCO.L 2-Fluorophenyl 2-Fluorophenyl	103 33	000000-00-0 000000-00-0	94 94
2	5.74	1.98	C:\DATABASE\XENCO.L PHENOL -d6 PHENOL -d6	127 57	000000-00-0 000000-00-0	91 91
3	6.24	2.76	C:\DATABASE\XENCO.L 1,4-Dichlorobenzene-d4 1,4-Dichlorobenzene-d4	104 34	000000-00-0 000000-00-0	87 87
4	7.29	1.72	C:\DATABASE\XENCO.L Nitrobenzene (D5) Nitrobenzene (D5) Bromochloromethane	105 35 100	000000-00-0 000000-00-0 000000-00-0	91 91 1
5	8.78	3.85	C:\DATABASE\XENCO.L Naphthalene (D8) Naphthalene (D8)	106 36	000000-00-0 000000-00-0	91 91
6	11.62	3.01	C:\DATABASE\XENCO.L 2-Fluorobiphenyl 2-Fluorobiphenyl	107 37	000000-00-0 000000-00-0	95 95
7	12.96	1.11	C:\DATABASE\NBS75K.L Acenaphthylene Biphenylene Acenaphthylene	67013 67016 67015	000208-96-8 000259-79-0 000208-96-8	91 50 93
8	13.42	3.86	C:\DATABASE\XENCO.L Acenaphthene (D10) Acenaphthene (D10)	108 38	000000-00-0 000000-00-0	96 96
9	15.70	1.79	C:\DATABASE\XENCO.L 2,4,6-Tribromophenol 2,4,6-Tribromophenol	109 39	000000-00-0 000000-00-0	99 99
10	17.09	0.64	C:\DATABASE\NBS75K.L 9H-Fluoren-9-one 9H-Fluoren-9-one 9H-Fluoren-9-one	68769 68770 68768	000486-25-9 000486-25-9 000486-25-9	93 96 90
11	17.63	4.07	C:\DATABASE\XENCO.L PHENANTHRENE -d10 PHENANTHRENE -d10	126 56	000000-00-0 000000-00-0	95 95

12	17.70	3.37	C:\DATABASE\NBS75K.L 7,8-Diphenylbicyclo[4.2.1]nona-2,4 2-Cyclopropen-1-one, 2,3-diphenyl- Anthracene	37860 24436 68645	054049-09-1 000886-38-4 000120-12-7	45 64 95
17.81	0.65	C:\DATABASE\NBS75K.L 7,8-Diphenylbicyclo[4.2.1]nona-2,4 9,10-Ethanoanthracene, 9,10-dihydr Anthracene	37860 24479 68648	054049-09-1 005675-64-9 000120-12-7	56 64 87	
14	19.44	0.71	C:\DATABASE\NBS75K.L (6H)Cyclobuta[jk]phenanthrene 4H-Cyclopenta[def]phenanthrene Anthracene, 2-methyl-	20398 20399 20861	000000-00-0 000203-64-5 000613-12-7	43 45 30
15	20.07	1.19	C:\DATABASE\NBS75K.L 9,10-Anthracenedione 9,10-Anthracenedione 9,10-Anthracenedione	70107 70108 70106	000084-65-1 000084-65-1 000084-65-1	94 98 93
16	21.20	5.18	C:\DATABASE\NBS75K.L Fluoranthene Fluoranthene Pyrene	23467 69815 69819	000206-44-0 000206-44-0 000129-00-0	97 47 97
17	21.83	5.12	C:\DATABASE\NBS75K.L Pyrene Fluoranthene Pyrene	69819 23467 69820	000129-00-0 000206-44-0 000129-00-0	96 72 52
18	22.49	3.18	C:\DATABASE\XENCO.L 4-Terphenyl (d14) 4-Terphenyl (d14)	102 32	000000-00-0 000000-00-0	99 99
19	22.87	0.73	C:\DATABASE\NBS75K.L 11H-Benzo[a]fluorene 7H-Benzo[c]fluorene Pyrene, 1-methyl-	70412 26845 70409	000238-84-6 000205-12-9 002381-21-7	33 58 52
20	24.37	0.85	C:\DATABASE\NBS75K.L 7H-Benz[de]anthracen-7-one 7H-Benz[de]anthracen-7-one Quinoline, 4-(p-chlorostyryl)-	70899 70898 36769	000082-05-3 000082-05-3 004594-89-2	94 93 38
21	24.78	0.78	C:\DATABASE\NBS75K.L Benzo[ghi]fluoranthene Anthracene, 1,8-diethynyl- Benzo[ghi]fluoranthene	29274 29272 70791	000203-12-3 000000-00-0 000203-12-3	43 23 32
22	24.98	0.70	C:\DATABASE\NBS75K.L 7H-Benz[de]anthracen-7-one 7H-Benz[de]anthracen-7-one Quinoline, 4-(p-chlorostyryl)-	70899 70898 36769	000082-05-3 000082-05-3 004594-89-2	93 93 34
23	25.44	6.56	C:\DATABASE\NBS75K.L Chrysene-d12 [1,1'-Biphenyl]-4,4'-diamine, N,N, Salicylaldehyde, azine	32068 32051 71176	001719-03-5 000366-29-0 000959-36-4	98 9 9
24	25.50	3.18	C:\DATABASE\NBS75K.L Triphenylene Chrysene Chrysene	70857 70852 29696	000217-59-4 000218-01-9 000218-01-9	81 90 90

25	25.83	0.73	C:\DATABASE\NBS75K.L 7H-Benz[de]anthracen-7-one 7H-Benz[de]anthracen-7-one 7H-Benz[de]anthracen-7-one	70898 70899 30040	000082-05-3 000082-05-3 000082-05-3	96 81 97
26	26.44	0.96	C:\DATABASE\NBS75K.L Nonadecane, 9-methyl- Pentadecane Heptadecane	39865 70276 32063	013287-24-6 000629-62-9 000629-78-7	74 74 74
27	27.36	1.73	C:\DATABASE\NBS75K.L Hexatriacontane Oxirane, [(hexadecyloxy)methyl]- Docosane	74636 42485 44318	000630-06-8 015965-99-8 000629-97-0	80 64 64
28	28.17	2.61	C:\DATABASE\NBS75K.L 9-Octadecenamide, (Z)- 9-Octadecenamide, (Z)- Dodecanamide	72284 39626 22660	000301-02-0 000301-02-0 001120-16-7	64 49 35
29	28.25	0.82	C:\DATABASE\NBS75K.L Heptadecane, 8-methyl- Heneicosane Nonadecane	34816 42201 37469	013287-23-5 000629-94-7 000629-92-5	30 49 87
30	28.39	2.34	C:\DATABASE\NBS75K.L Benzo[a]pyrene Benzo[e]pyrene Benzo[j]fluoranthene	34431 71509 34435	000050-32-8 000192-97-2 000205-82-3	90 81 90
31	28.43	1.93	C:\DATABASE\NBS75K.L Benzo[k]fluoranthene Benz[e]acephenanthrylene Benzo[a]pyrene	71510 34432 71508	000207-08-9 000205-99-2 000050-32-8	38 28 50
32	28.57	0.68	C:\DATABASE\NBS75K.L 6,10,14-Hexadecatrien-1-ol, 3,7,11 .Psi.,.psi.-Carotene, 7,7',8,8',11 (E,E,E)-3,7,11,15-Tetramethylhexad	41576 74689 38212	036237-66-8 000502-62-5 077898-97-6	27 22 56
33	28.63	0.89	C:\DATABASE\NBS75K.L Perylene Benzo[e]pyrene Perylene	71507 71509 34430	000198-55-0 000192-97-2 000198-55-0	93 89 93
34	29.05	1.60	C:\DATABASE\NBS75K.L 9-(m-Nitrobenzylidene) fluorene Perylene Benzo[e]pyrene	42643 34430 71509	004421-51-6 000198-55-0 000192-97-2	23 96 89
35	29.11	2.64	C:\DATABASE\NBS75K.L Heneicosane Octadecane Heptadecane	42201 71561 32063	000629-94-7 000593-45-3 000629-78-7	91 80 86
36	29.17	1.99	C:\DATABASE\NBS75K.L 9-(m-Nitrobenzylidene) fluorene Benzo[a]pyrene 9-(p-Nitrobenzylidene) fluorene	42643 34431 42646	004421-51-6 000050-32-8 006954-71-8	53 74 39
37	29.34	2.75	C:\DATABASE\NBS75K.L Perylene-d12 5H-Naphtho[1,8-bc]thiophen-5-one,	36687 36621	001520-96-3 010245-65-5	95 53

2-Oxo-6-phenyl-4-(2-hydroxyphenyl) 36599 000000-00-0 33

38	29.62	0.71	C:\DATABASE\NBS75K.L 1-Naphthalenepentanoic acid, decah Naphthalene, 1,1'-(1,10-decanediyl Naphthalene, 2-decyldecahydro-	73255 54975 39230	013008-80-5 055268-64-9 054964-84-0	16 38 16
	29.92	0.94	C:\DATABASE\NBS75K.L Tetradecane Docosane Octadecane	69662 44318 71561	000629-59-4 000629-97-0 000593-45-3	72 80 74
40	30.74	3.89	C:\DATABASE\NBS75K.L Docosane Heneicosane Octadecane	44318 42201 71561	000629-97-0 000629-94-7 000593-45-3	80 87 74
41	30.80	0.96	C:\DATABASE\NBS75K.L Cyclotetracosane 3-Octadecene, (E)- Cyclopentane, decyl-	47764 34414 70189	000297-03-0 007206-19-1 001795-21-7	53 50 58
42	31.17	1.03	C:\DATABASE\NBS75K.L Vitamin E 1-Bromo-2-methylacenaphthylene Thiazolidine, 2-phenyl-	55996 32661 13727	000059-02-9 000000-00-0 004569-82-8	64 36 42
43	31.56	0.67	C:\DATABASE\NBS75K.L 4,4'-Dinitrodiphenylsulphide Indeno[1,2,3-cd]pyrene Dibenzo[def,mno]chrysene	38712 72175 72174	022100-66-9 000193-39-5 000191-26-4	10 43 43
	31.75	0.84	C:\DATABASE\NBS75K.L Benzo[ghi]perylene Benzo[ghi]perylene Benzo[ghi]perylene	72172 38894 72171	000191-24-2 000191-24-2 000191-24-2	87 68 74
45	31.86	0.86	C:\DATABASE\NBS75K.L Hexadecanal 17-Octadecenal 16-Octadecenal	32055 37041 37043	000629-80-1 056554-86-0 056554-87-1	83 83 90
46	32.25	2.64	C:\DATABASE\NBS75K.L Heneicosane, 11-(1-ethylpropyl)- Tetratetracontane Heptacosane	51002 61068 52248	055282-11-6 007098-22-8 000593-49-7	64 41 41
47	32.45	0.99	C:\DATABASE\NBS75K.L 2-Pentacosanone Oxirane, tetramethyl- 2-Nonadecanone	50991 63416 39849	000000-00-0 005076-20-0 000629-66-3	37 47 37
48	32.75	2.85	C:\DATABASE\NBS75K.L .gamma.-Sitosterol Ergost-5-en-3-ol, (3.beta.)- Cholesterol	54958 53987 74137	000083-47-6 004651-51-8 000057-88-5	95 53 49
49	34.39	2.07	C:\DATABASE\NBS75K.L Urs-12-en-24-oic acid, 3-oxo-, met Olean-12-ene, 3-methoxy-, (3.beta. 5(1H)-Azulenone, 2,4,6,7,8,8a-hexa	57854 56560 27256	020475-86-9 014021-26-2 006754-66-1	95 42 70
50	34.82	1.06	C:\DATABASE\NBS75K.L 1-Cyclohexene-1-butanal, .alpha.,2	24968	021632-06-4	55

Information from Data File:

File: K:\HPCHEM\2\DATA\1106SV0\SV013.D
 Operator: LEC
 Date Acquired: 7 Nov 2000 2:19 am
 Method File: A02SV113
 Sample Name: 205493-038 *33.3*
 Misc Info: *11/02/00 14:33*ARM*
 Vial Number: 13

Search Libraries: C:\DATABASE\XENCO.L Minimum Quality: 80
 C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
 Integration Events: RTE Integrator - rteint.p

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	4.59	2.57	C:\DATABASE\XENCO.L 2-Fluorophenyl 2-Fluorophenyl	103 33	000000-00-0	94 94
2	5.75	2.88	C:\DATABASE\NBS75K.L Hexanoic acid, anhydride 2H-1,2,3-Thiadiazine, 6-methyl-2-p Glycocyanidine	26310 41079 1373	002051-49-2 057954-50-4 000503-86-6	45 23 64
3	6.24	4.25	C:\DATABASE\XENCO.L 1,4-Dichlorobenzene-d4 1,4-Dichlorobenzene-d4	104 34	000000-00-0	91 91
4	7.29	2.51	C:\DATABASE\XENCO.L Nitrobenzene (D5) Nitrobenzene (D5) Bromochloromethane	105 35 100	000000-00-0	91 91 1
5	8.79	5.91	C:\DATABASE\NBS75K.L Naphthalene-d8- Inosine 1-(3-Methyl-2-pyrazinyl)-1-ethanon	6596 71918 6433	001146-65-2 000058-63-9 000000-00-0	90 23 59
6	11.62	4.29	C:\DATABASE\XENCO.L 2-Fluorobiphenyl 2-Fluorobiphenyl	107 37	000000-00-0	96 96
7	11.69	0.48	C:\DATABASE\NBS75K.L Butanoic acid, butyl ester Propanoic acid, 2-methyl-, heptyl Butanoic acid, hexyl ester	66320 19447 68340	000109-21-7 002349-13-5 002639-63-6	83 9 83
8	12.96	0.71	C:\DATABASE\NBS75K.L Acenaphthylene Acenaphthylene Acenaphthylene	67013 67015 10446	000208-96-8	91 90 87
9	13.42	6.02	C:\DATABASE\XENCO.L Acenaphthene (D10) Acenaphthene (D10)	108 38	000000-00-0	96 96
10	15.70	2.33	C:\DATABASE\XENCO.L 2,4,6-Tribromophenol 2,4,6-Tribromophenol	109 39	000000-00-0	97 97
11	16.78	0.52	C:\DATABASE\NBS75K.L			

			[1,1'-Biphenyl]-2-ol, 3-chloro-	23799	000085-97-2	93
			[1,1'-Biphenyl]-2-ol, 5-chloro-	23797	000607-12-5	91
			Benzene, 1-chloro-3-phenoxy-	23791	006452-49-9	70

12	17.63	6.13	C:\DATABASE\XENCO.L PHENANTHRENE -d10	126	000000-00-0	93
			PHENANTHRENE -d10	56	000000-00-0	93
13	17.69	1.91	C:\DATABASE\NBS75K.L 7,8-Diphenylbicyclo[4.2.1]nona-2,4 2-Cyclopropen-1-one, 2,3-diphenyl- Phenanthrene	37860 24436 68642	054049-09-1 000886-38-4 000085-01-8	50 74 94
14	19.69	0.66	C:\DATABASE\NBS75K.L Hexadecanoic acid Tetradecanoic acid Hexadecanoic acid	71609 29646 35186	000057-10-3 000544-63-8 000057-10-3	83 81 93
15	20.06	0.56	C:\DATABASE\NBS75K.L 9,10-Anthracenedione 9,10-Anthracenedione 9,10-Anthracenedione	70106 70107 70108	000084-65-1 000084-65-1 000084-65-1	93 92 58
16	21.17	3.02	C:\DATABASE\NBS75K.L Fluoranthene Fluoranthene Pyrene	69815 23467 69819	000206-44-0 000206-44-0 000129-00-0	86 86 46
17	21.79	2.97	C:\DATABASE\NBS75K.L Pyrene Pyrene Pyrene	23469 69820 69819	000129-00-0 000129-00-0 000129-00-0	95 43 46
18	22.03	0.69	C:\DATABASE\NBS75K.L Octadecanoic acid Octadecanoic acid Octadecanoic acid	72366 72362 40188	000057-11-4 000057-11-4 000057-11-4	49 89 96
19	22.49	4.90	C:\DATABASE\XENCO.L 4-Terphenyl (d14) 4-Terphenyl (d14)	102 32	000000-00-0 000000-00-0	99 99
20	22.86	0.56	C:\DATABASE\NBS75K.L Pyrene, 2-methyl- Pyrene, 1-methyl- 11H-Benzo[a]fluorene	70408 70409 70412	003442-78-2 002381-21-7 000238-84-6	55 38 49
21	24.76	0.52	C:\DATABASE\NBS75K.L Benzo[ghi]fluoranthene Anthracene, 1,8-diethynyl- Benzene, 2-bromo-1,4-dichloro-	29274 29272 28464	000203-12-3 000000-00-0 001435-50-3	64 25 9
22	25.43	7.93	C:\DATABASE\NBS75K.L Chrysene-d12 [1,1'-Biphenyl]-4,4'-diamine, N,N, 9,10-Anthracenedione, 1,4-dihydrox	32068 32051 31941	001719-03-5 000366-29-0 000081-64-1	98 9 50
23	25.49	2.23	C:\DATABASE\NBS75K.L Chrysene Chrysene Chrysene	70850 70851 29696	000218-01-9 000218-01-9 000218-01-9	89 76 86
24	26.44	0.88	C:\DATABASE\NBS75K.L Octadecane	71560	000593-45-3	87

			Nonadecane, 9-methyl-	39865	013287-24-6	91
			Heptadecane	32063	000629-78-7	83
25	27.36	1.44	C:\DATABASE\NBS75K.L			
			Tritetracontane	60913	007098-21-7	87
			Tetratetracontane	74745	007098-22-8	58
			10-Methylnonadecane	39858	000000-00-0	87
26	28.15	4.38	C:\DATABASE\NBS75K.L			
			9-Octadecenamide, (Z)-	39626	000301-02-0	25
			9-Octadecenamide, (Z)-	72284	000301-02-0	50
			Dodecanamide	22660	001120-16-7	25
27	28.24	1.01	C:\DATABASE\NBS75K.L			
			Nonadecane, 9-methyl-	39865	013287-24-6	86
			Heneicosane	42201	000629-94-7	81
			Docosane	44318	000629-97-0	96
28	28.35	1.57	C:\DATABASE\NBS75K.L			
			Benzo[j]fluoranthene	34435	000205-82-3	93
			Benzo[e]pyrene	71509	000192-97-2	81
			Perylene	34430	000198-55-0	90
29	28.40	1.34	C:\DATABASE\NBS75K.L			
			Benzo[a]pyrene	71508	000050-32-8	83
			Benzo[k]fluoranthene	34434	000207-08-9	45
			Benz[e]acephenanthrylene	34432	000205-99-2	72
30	28.59	0.77	C:\DATABASE\NBS75K.L			
			Benzo[e]pyrene	71509	000192-97-2	86
			Perylene	34430	000198-55-0	89
			Perylene	71507	000198-55-0	86
	29.01	0.95	C:\DATABASE\NBS75K.L			
			Benzo[e]pyrene	71509	000192-97-2	94
			Perylene	34430	000198-55-0	86
			Benzo[j]fluoranthene	34435	000205-82-3	94
32	29.09	1.84	C:\DATABASE\NBS75K.L			
			Nonadecane, 9-methyl-	39865	013287-24-6	91
			Heneicosane	42201	000629-94-7	91
			Docosane	44318	000629-97-0	90
33	29.14	1.47	C:\DATABASE\NBS75K.L			
			Benzo[k]fluoranthene	71510	000207-08-9	91
			Benzo[a]pyrene	71508	000050-32-8	93
			Benz[e]acephenanthrylene	34432	000205-99-2	96
34	29.31	4.57	C:\DATABASE\NBS75K.L			
			Perylene-d12	36687	001520-96-3	95
			5H-Naphtho[1,8-bc]thiophen-5-one,	36621	010245-65-5	59
			2-Oxo-6-phenyl-4-(2-hydroxyphenyl)	36599	000000-00-0	9
35	29.41	0.78	C:\DATABASE\NBS75K.L			
			1,2,3,4,6,7,8-Heptachlorodibenzofu	54345	067562-39-4	95
			4,6-Dichloro-5-heptyl-2-(4-hexylpf	54394	000000-00-0	5
			Aspidofractinin-6-ol, 1-acetyl-17-	54607	054965-84-3	3
	29.62	0.57	C:\DATABASE\NBS75K.L			
			Aspidofractinin-6-ol, 1-acetyl-17-	54607	054965-84-3	7
			C(14a)-Homo-27-norgammacer-14-ene	54655	018046-86-1	12
			Cholesta-5,7-dien-3-one, 4,4-dimet	54634	000000-00-0	3
37	29.90	0.83	C:\DATABASE\NBS75K.L			

			tetradecane	69662	000629-59-4	80
			Octadecane	71561	000593-45-3	52
			Tetracosane	73543	000646-31-1	91
38	30.71	2.96	C:\DATABASE\NBS75K.L			
			Heneicosane	42201	000629-94-7	96
			Docosane	44318	000629-97-0	91
			Heptadecane	32063	000629-78-7	91
39	30.78	0.59	C:\DATABASE\NBS75K.L			
			Cyclopentadecane	25483	000295-48-7	38
			2,3-Nonadecanediol	42820	054934-55-3	18
			Cyclododecane	68128	000294-62-2	10
40	31.15	0.52	C:\DATABASE\NBS75K.L			
			Vitamin E	55996	000059-02-9	76
			3,6-Dimethyl-5-oxo-1,2,3,5-tetrahy	13657	000000-00-0	43
			1H-Purin-2-amine, 6-methoxy-	13621	020535-83-5	37
41	31.72	0.52	C:\DATABASE\NBS75K.L			
			Benzo[ghi]perylene	38894	000191-24-2	91
			Benzo[ghi]perylene	72172	000191-24-2	90
			Benzo[ghi]perylene	72173	000191-24-2	38
42	31.85	0.84	C:\DATABASE\NBS75K.L			
			16-Octadecenal	37043	056554-87-1	83
			Octadecanal	37453	000638-66-4	64
			1-Hexacosanal	52247	000000-00-0	72
43	32.00	0.52	C:\DATABASE\NBS75K.L			
			Disulfide, bis(2-methoxyphenyl)	39089	013920-94-0	49
			Dibenz[a,h]anthracene	39243	000053-70-3	64
			Benzo[b]triphenylene	39238	000215-58-7	60
44	32.23	2.03	C:\DATABASE\NBS75K.L			
			Nonadecane, 9-methyl-	39865	013287-24-6	58
			Heneicosane	42201	000629-94-7	64
			Heptadecane	32063	000629-78-7	58
45	32.32	0.54	C:\DATABASE\NBS75K.L			
			Acetic acid, octadecyl ester	73049	000822-23-1	43
			6-Octadecenal	37054	056554-97-3	10
			Nonadecanol	40237	052783-43-4	14
46	32.44	0.71	C:\DATABASE\NBS75K.L			
			2-Pentacosanone	50991	000000-00-0	37
			Oxirane, tetramethyl-	63415	005076-20-0	33
			2-Nonadecanone	39849	000629-66-3	8
47	32.73	1.31	C:\DATABASE\NBS75K.L			
			.beta.-Sitosterol	74350	000083-46-5	59
			Thunbergol	41296	025269-17-4	38
			1-Naphthalenepropanol, .alpha.-eth	44028	072401-52-6	27
48	32.95	1.03	C:\DATABASE\NBS75K.L			
			1H-Cycloprop[e]azulene, 1a,2,3,4,4	69950	000489-40-7	10
			1H-Cycloprop[e]azulene, 1a,2,3,4,4	23968	000489-40-7	50
			1H-Cycloprop[e]azulene, 1a,2,3,4,4	69952	000489-40-7	14
49	33.43	0.89	C:\DATABASE\NBS75K.L			
			Oxirane, hexadecyl-	37448	007390-81-0	62
			16-Octadecenal	37043	056554-87-1	72
			Pentadecanal-	29230	002765-11-9	72

Information from Data File:

File: K:\HPCHEM\2\DATA\1106SV0\SV014.D
 Operator: LEC
 Date Acquired: 7 Nov 2000 3:09 am
 Method File: A02SV113
 Sample Name: 205493-045 *33.3*
 Misc Info: *11/02/00 14:38*ARM*
 Vial Number: 14

Search Libraries: C:\DATABASE\XENCO.L Minimum Quality: 80
 C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
 Integration Events: RTE Integrator - rteint.p

PK#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	5.75	1.13	C:\DATABASE\XENCO.L PHENOL -d6 PHENOL -d6	127 57	000000-00-0	87 87
2	6.24	2.15	C:\DATABASE\XENCO.L 1,4-Dichlorobenzene-d4 1,4-Dichlorobenzene-d4	104 34	000000-00-0	87 87
3	8.78	2.95	C:\DATABASE\NBS75K.L Naphthalene-d8- 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-Hydroxy-5-methylbenzaldehyde	6596 6374 6485	001146-65-2 013877-55-9 000613-84-3	91 9 9
4	11.62	1.66	C:\DATABASE\XENCO.L 2-Fluorobiphenyl 2-Fluorobiphenyl	107 37	000000-00-0	96 96
5	13.42	3.04	C:\DATABASE\XENCO.L Acenaphthene (D10) Acenaphthene (D10)	108 38	000000-00-0	96 96
6	14.49	1.74	C:\DATABASE\NBS75K.L Dodecanamide, N,N-bis(2-hydroxyeth Glycine, N-methyl-N-(1-oxododecyl) Dodecanoic acid	40673 37917 69728	000120-40-1 000097-78-9 000143-07-7	95 91 64
7	15.02	1.32	C:\DATABASE\NBS75K.L Propanoic acid, 2-methyl-, 1-(1,1- Cyclohexanol, 2,2-dichloro-1-methy Cyclohexanol, 5-methyl-2-(1-methyl	40505 18213 67307	074381-40-1 000000-00-0 000490-99-3	74 9 5
8	17.64	3.06	C:\DATABASE\NBS75K.L Anthracene-d10- Phenanthrene-d10 Phosphonic acid, (3-methyl-3-pente	19957 19958 19736	001719-06-8 001517-22-2 022152-34-7	96 96 42
9	19.79	4.13	C:\DATABASE\NBS75K.L Tetradecanoic acid Pentadecanoic acid Hexadecanoic acid	70843 71238 35186	000544-63-8 001002-84-2 000057-10-3	80 90 93
10	21.17	1.89	C:\DATABASE\NBS75K.L Pyrene Fluoranthene Fluoranthene	23469 23467 69814	000129-00-0 000206-44-0 000206-44-0	90 49 96

11	21.80	5.46	C:\DATABASE\NBS75K.L Anthracene, 9-(2-nitroethenyl)- Pyrene Pyrene	33709 69819 69820	058349-77-2 000129-00-0 000129-00-0	23 92 38
12	21.87	2.23	C:\DATABASE\NBS75K.L 7-Hexadecene, (Z)- Cyclohexane, 1,2,3-trimethyl-, (1. Cyclooctane, methyl-	28776 4642 4660	035507-09-6 007667-55-2 001502-38-1	53 27 58
13	22.12	3.67	C:\DATABASE\NBS75K.L Octadecanoic acid Octadecanoic acid Octadecanoic acid	72366 72363 40188	000057-11-4 000057-11-4 000057-11-4	49 87 64
14	22.49	1.99	C:\DATABASE\XENCO.L 4-Terphenyl (d14) 4-Terphenyl (d14)	102 32	000000-00-0 000000-00-0	99 99
15	22.55	2.36	C:\DATABASE\NBS75K.L Acetic acid, octadecyl ester Acetic acid, octadecyl ester Acetic acid, octadecyl ester	73048 44575 73049	000822-23-1 000822-23-1 000822-23-1	90 90 86
16	24.17	1.07	C:\DATABASE\NBS75K.L 9,12-Octadecadienoic acid, methyl 9,12-Octadecadienoic acid (Z,Z)-, 9,12-Octadecadienal	72611 49742 36676	002566-97-4 002277-28-3 026537-70-2	46 25 46
17	24.64	1.33	C:\DATABASE\NBS75K.L Acetic acid, octadecyl ester 1-Nonadecanol 1-Eicosanol	44575 40236 72722	000822-23-1 001454-84-8 000629-96-9	58 49 52
18	25.44	4.01	C:\DATABASE\NBS75K.L Chrysene-d12 [1,1'-Biphenyl]-4,4'-diamine, N,N, [1]Benzothieno[4,5-b][1]benzothiop	32068 32051 31942	001719-03-5 000366-29-0 055134-02-6	99 9 42
19	25.50	1.57	C:\DATABASE\NBS75K.L 1,2,3,12b-Tetrahydrobenzo[K]fluora 1,1':2',1"-Terphenyl, 2,5-dichloro Chrysene	35228 72703 29696	095785-04-9 061577-02-4 000218-01-9	64 40 81
20	27.36	1.24	C:\DATABASE\NBS75K.L Octadecane, 1-chloro- Tritetracontane Nonadecane, 9-methyl-	72490 60913 39865	003386-33-2 007098-21-7 013287-24-6	86 87 86
21	28.15	2.07	C:\DATABASE\NBS75K.L 9-Octadecenamide, (Z)- 9-Octadecenamide, (Z)- Hexadecanamide	39626 72284 34960	000301-02-0 000301-02-0 000629-54-9	16 45 38
22	28.24	1.01	C:\DATABASE\NBS75K.L Heneicosane Nonadecane Hexadecane	42201 37469 29267	000629-94-7 000629-92-5 000544-76-3	78 80 86
23	28.35	1.64	C:\DATABASE\NBS75K.L Benzo[k]fluoranthene Benzo[a]pyrene Benzo[j]fluoranthene	71510 71508 34435	000207-08-9 000050-32-8 000205-82-3	98 98 96

24	28.41	1.29	C:\DATABASE\NBS75K.L				
			Benzo[k]fluoranthene	71510	000207-08-9	64	
			Benzo[a]pyrene	71508	000050-32-8	72	
			Benz[e]acephenanthrylene	34432	000205-99-2	50	
25	28.57	1.24	C:\DATABASE\NBS75K.L				
			6,10,14-Hexadecatrien-1-ol, 3,7,11	41576	036237-66-8	27	
			2,6,10-Dodecatrien-1-ol, 3,7,11-tr	70627	004602-84-0	42	
			2,6,10-Dodecatrien-1-ol, 3,7,11-tr	70628	004602-84-0	42	
26	28.61	1.21	C:\DATABASE\NBS75K.L				
			Phenol, 2,6-dibromo-	33740	000608-33-3	38	
			2-Pyridinamine, 3,5-dibromo-	33737	035486-42-1	32	
			1,2,3,4-Tetrahydropyridino[1,2-a]n	34322	000000-00-0	32	
27	29.02	1.30	C:\DATABASE\NBS75K.L				
			Benzo[e]pyrene	71509	000192-97-2	38	
			Perylene	34430	000198-55-0	80	
			Benzo[j]fluoranthene	34435	000205-82-3	91	
28	29.11	4.43	C:\DATABASE\NBS75K.L				
			Heneicosane	42201	000629-94-7	91	
			Nonadecane, 9-methyl-	39865	013287-24-6	87	
			Heptadecane	32063	000629-78-7	91	
29	29.32	3.62	C:\DATABASE\NBS75K.L				
			Perylene-d12	36687	001520-96-3	94	
			5H-Naphtho[1,8-bc]thiophen-5-one,	36621	010245-65-5	59	
			2-Oxo-6-phenyl-4-(2-hydroxyphenyl)	36599	000000-00-0	9	
30	29.45	1.37	C:\DATABASE\NBS75K.L				
			Neopentylidenecyclohexane	10437	039546-80-0	25	
			5,9-Tridecadien-1-ol, 10-propyl-,	39475	018654-86-9	25	
			6-Octen-1-ol, 3,7-dimethyl-, forma	18879	000105-85-1	30	
31	29.61	1.55	C:\DATABASE\NBS75K.L				
			1-Naphthalenepropanol, .alpha.-eth	72941	000515-03-7	10	
			Cyclohexaneethanol, 4-methyl-.beta	10876	005502-99-8	16	
			3-Octyne, 2,2,7-trimethyl-	10435	055402-13-6	25	
32	29.74	1.37	C:\DATABASE\NBS75K.L				
			Benzo[1,2-b:4,3-b']dithiophene, 1-	36959	016587-58-9	22	
			6-Methoxy-3'-methylaurone	36998	077764-86-4	12	
			Benz[j]aceanthrylene, 3-methyl-	37077	003343-10-0	30	
33	29.92	1.47	C:\DATABASE\NBS75K.L				
			Nonadecane, 9-methyl-	39865	013287-24-6	90	
			Heneicosane	42201	000629-94-7	52	
			Tetracosane	73543	000646-31-1	86	
34	30.09	1.23	C:\DATABASE\NBS75K.L				
			dl-4-Isopropyl-3-(1-carboxyethyl)-	30068	000000-00-0	36	
			2-Quinoxalinecarbonitrile, 3-pheny	33252	018916-51-3	9	
			Methylbenzo(C)carbazole	30168	064859-54-7	50	
35	30.23	1.18	C:\DATABASE\NBS75K.L				
			2(1H)-Naphthalenone, octahydro-4a-	24971	054594-42-2	38	
			Cyclohexanone, 2,3,3-trimethyl-2-(24406	069296-91-9	45	
			Cholestan-3-ol, 2-methylene-, (3.b	53963	022599-96-8	14	
36	30.57	1.44	C:\DATABASE\NBS75K.L				
			1-Octadecyne	34013	000629-89-0	38	
			Cyclohexene, 3-ethyl-	2358	002808-71-1	38	
			Cyclopentaneethanol, 2-(hydroxymet	15768	000485-42-7	38	

37	30.73	2.76	C:\DATABASE\NBS75K.L Hexadecane	29267	000544-76-3	74
			Docosane	44318	000629-97-0	91
			Tetradecane	69662	000629-59-4	87
38	30.79	1.48	C:\DATABASE\NBS75K.L 1-Heneicosyl formate	48207	077899-03-7	80
			Cyclohexane, 1-(cyclohexylmethyl)-	28268	054965-61-6	50
			11-Tricosene	45916	052078-56-5	11
39	31.16	1.34	C:\DATABASE\NBS75K.L Vitamin E	55996	000059-02-9	93
			1,2-Benzisothiazole, 3-methoxy-	13639	040991-38-6	33
			1H-Purin-2-amine, 6-methoxy-	13621	020535-83-5	40
40	31.25	1.33	C:\DATABASE\NBS75K.L Pregna-5,16-dien-20-one, 3-(acetyl	49964	000979-02-2	9
			4-Deoxypyridoxine, bis(trimethylsi	42257	000000-00-0	7
			1-(4-Ethoxy-1,2,3,4-tetramethyl-2-	39513	000000-00-0	7
41	31.74	0.99	C:\DATABASE\NBS75K.L Benzo[ghi]perylene	72172	000191-24-2	81
			Benzo[ghi]perylene	38894	000191-24-2	94
			Indeno[1,2,3-cd]pyrene	72175	000193-39-5	91
42	31.87	1.48	C:\DATABASE\NBS75K.L Octadecanal	37453	000638-66-4	59
			17-Octadecenal	37041	056554-86-0	86
			1-Hexacosanal	52247	000000-00-0	91
43	32.03	1.36	C:\DATABASE\NBS75K.L Matridin-15-one, 5,17-didehydro-,	36258	070509-82-9	22
			Naphtho[1,2-b]furan-2,8(3H,4H)-dio	39403	028624-59-1	45
			Benzenemethanol, 2,3,4,5,6-pentach	39011	016022-69-8	11
44	32.24	2.40	C:\DATABASE\NBS75K.L Heptadecane	71193	000629-78-7	30
			Tetracosane	73543	000646-31-1	62
			Hexatriacontane	74636	000630-06-8	58
45	32.47	1.72	C:\DATABASE\NBS75K.L D:B-Friedo-18,19-secolup-19-ene, 3	55697	035060-26-5	93
			1-Naphthalenepropanol, .alpha.-eth	41578	072360-94-2	50
			Naphthalene, 2-decyldecahydro-	39230	054964-84-0	46
46	32.75	3.26	C:\DATABASE\NBS75K.L .gamma.-Sitosterol	54958	000083-47-6	86
			.beta.-Sitosterol	74350	000083-46-5	38
			Ergost-5-en-3-ol, (3.beta.)-	53987	004651-51-8	49
47	32.88	1.43	C:\DATABASE\NBS75K.L Cholest-5-en-3-ol, 24-propylidene-	74395	056362-45-9	52
			Fucosterol	54776	017605-67-3	38
			Retinoic acid, methyl ester	73121	000339-16-2	38
48	33.11	1.12	C:\DATABASE\NBS75K.L D-Norandrostan-16-one, (5.alpha.)-	35952	032319-06-5	22
			D-Norandrostan-16-ol, acetate, (5.	43506	054411-62-0	16
			D-Norandrostan-16-ol, (5.alpha.,16	36333	035575-61-2	40
49	33.29	1.66	C:\DATABASE\NBS75K.L Pyrene, hexadecahydro-	27271	002435-85-0	42
			.beta.-Amyrin trimethylsilyl ether	58902	001721-67-1	35

Information from Data File:

File: K:\HPCHEM\2\DATA\1107SV0\SV003.D
 Operator: LEC
 Date Acquired: 7 Nov 2000 1:27 pm
 Method File: A02SV113
 Sample Name: 205493-046 *33.3*
 Misc Info: *11/02/00 14:44*ARM*
 Vial Number: 17

Search Libraries: C:\DATABASE\XENCO.L Minimum Quality: 80
 C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
 Integration Events: RTE Integrator - rteint.p

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	4.57	1.35	C:\DATABASE\NBS75K.L Phenol, 2-fluoro-	2492	000367-12-4	91
			Phenol, 4-fluoro-	63936	000371-41-5	12
			Phenol, 4-fluoro-	2493	000371-41-5	7
2	5.74	1.52	C:\DATABASE\XENCO.L PHENOL -d6	127	000000-00-0	91
			PHENOL -d6	57	000000-00-0	91
3	6.23	2.29	C:\DATABASE\XENCO.L 1,4-Dichlorobenzene-d4	104	000000-00-0	90
			1,4-Dichlorobenzene-d4	34	000000-00-0	90
4	7.29	1.35	C:\DATABASE\XENCO.L Nitrobenzene (D5)	105	000000-00-0	91
			Nitrobenzene (D5)	35	000000-00-0	91
			Bromochloromethane	100	000000-00-0	1
5	8.78	3.79	C:\DATABASE\XENCO.L Naphthalene (D8)	106	000000-00-0	91
			Naphthalene (D8)	36	000000-00-0	91
6	11.62	2.46	C:\DATABASE\XENCO.L 2-Fluorobiphenyl	107	000000-00-0	96
			2-Fluorobiphenyl	37	000000-00-0	96
7	13.42	3.41	C:\DATABASE\XENCO.L Acenaphthene (D10)	108	000000-00-0	96
			Acenaphthene (D10)	38	000000-00-0	96
8	15.70	1.39	C:\DATABASE\XENCO.L 2,4,6-Tribromophenol	109	000000-00-0	97
			2,4,6-Tribromophenol	39	000000-00-0	97
9	17.63	3.41	C:\DATABASE\NBS75K.L Anthracene-d10-	19957	001719-06-8	96
			Phenanthrene-d10	19958	001517-22-2	96
			Phosphonic acid, (3-methyl-3-pente	19736	022152-34-7	9
10	17.70	2.36	C:\DATABASE\NBS75K.L 7,8-Diphenylbicyclo[4.2.1]nona-2,4	37860	054049-09-1	39
			2-Cyclopropen-1-one, 2,3-diphenyl-	24436	000886-38-4	74
			Phenanthrene	68641	000085-01-8	68
11	21.20	4.02	C:\DATABASE\NBS75K.L Fluoranthene	23467	000206-44-0	97

			Pyrene	69819	000129-00-0	97
			Fluoranthene	69815	000206-44-0	93
12	21.81	4.01	C:\DATABASE\NBS75K.L			
			Pyrene	69819	000129-00-0	52
			Fluoranthene	23467	000206-44-0	40
			Fluoranthene	69815	000206-44-0	43
13	22.49	2.74	C:\DATABASE\XENCO.L			
			4-Terphenyl (d14)	102	000000-00-0	99
			4-Terphenyl (d14)	32	000000-00-0	99
14	23.19	1.00	C:\DATABASE\NBS75K.L			
			1,1'-Biphenyl, 2,2',3,4,5,5'-hexac	50054	052712-04-6	99
			1,1'-Biphenyl, 2,2',3,4,4',6-Hexac	50053	056030-56-9	99
			1,1'-Biphenyl, 2,2',4,4',5',6-Hexa	50049	060145-22-4	99
15	23.74	1.12	C:\DATABASE\NBS75K.L			
			1,1'-Biphenyl, 2,2',3,3',4,5-hexac	73781	055215-18-4	95
			1,1'-Biphenyl, 2,3,3',4,5,6-hexach	50045	041411-62-5	94
			1,1'-Biphenyl, 2,2',3,4,4',6-Hexac	50053	056030-56-9	94
16	24.37	1.36	C:\DATABASE\NBS75K.L			
			1,1'-Biphenyl, 2,3',4,4',5,5'-hexa	50058	052663-72-6	99
			1,1'-Biphenyl, 2,3,3',4,5,6-hexach	50045	041411-62-5	99
			1,1'-Biphenyl, 2,3,3',4,4',5-hexac	50047	038380-08-4	99
17	24.74	1.45	C:\DATABASE\NBS75K.L			
			1,1'-Biphenyl, 2,2',3,3',5,5',6-he	53207	052663-67-9	49
			1,1'-Biphenyl, 2,2',3,4,4',5,6'-He	53201	060145-23-5	50
			2,4-Imidazolidinedione, 1,3-diethy	53545	057326-26-8	5
	25.45	5.45	C:\DATABASE\NBS75K.L			
			Chrysene-dl2	32068	001719-03-5	98
			[1,1'-Biphenyl]-4,4'-diamine, N,N,	32051	000366-29-0	9
			9,10-Anthracenedione, 1,4-dihydrox	31941	000081-64-1	40
19	25.51	2.94	C:\DATABASE\NBS75K.L			
			1,2,3,12b-Tetrahydrobenzo[K]fluora	35228	095785-04-9	36
			Chrysene	70850	000218-01-9	89
			Chrysene	70851	000218-01-9	81
20	25.86	1.43	C:\DATABASE\NBS75K.L			
			1,1'-Biphenyl, 2,2',3,3',5,5',6-he	53207	052663-67-9	62
			1,1'-Biphenyl, 2,2',3,4,4',5,6'-He	53201	060145-23-5	38
			2,4-Imidazolidinedione, 1,3-diethy	53545	057326-26-8	16
21	26.03	0.91	C:\DATABASE\NBS75K.L			
			Bis(2-ethylhexyl) phthalate	53128	000117-81-7	74
			Bis(2-ethylhexyl) phthalate	74171	000117-81-7	64
			Phthalic acid, diisooctyl ester	53135	001330-91-2	64
22	27.36	0.90	C:\DATABASE\NBS75K.L			
			Heneicosane	42201	000629-94-7	74
			Tritetracontane	60913	007098-21-7	91
			Octadecane	71561	000593-45-3	95
23	27.46	1.01	C:\DATABASE\NBS75K.L			
			Estra-1,3,5(10)-trien-16-one, 3,17	55947	025876-84-0	22
			Estra-1,3,5(10)-trien-17-one, 3,15	55952	069688-01-3	12
			Estra-1,3,5(10)-trien-17-one, 3,15	55951	074231-49-5	9
24	28.16	3.15	C:\DATABASE\NBS75K.L			
			9-Octadecenamide, (Z)-	39626	000301-02-0	56

			9-Octadecenamide, (Z)-	72284	000301-02-0	12
			Hexadecanamide	34960	000629-54-9	10
25	28.39	2.55	C:\DATABASE\NBS75K.L			
			Benzo[a]pyrene	34431	000050-32-8	81
			Benzo[a]pyrene	71508	000050-32-8	98
			Benz[e]acephenanthrylene	34432	000205-99-2	93
26	28.43	1.60	C:\DATABASE\NBS75K.L			
			Dibenzo[b,e][1,4]dioxin, 2,3-dichl	34229	029446-15-9	9
			Dibenzo[b,E][1,4]dioxin, 2,7-dichl	71477	033857-26-0	9
			Benzo[a]pyrene	71508	000050-32-8	64
27	28.63	1.39	C:\DATABASE\NBS75K.L			
			Benzo[a]pyrene	71508	000050-32-8	92
			Benzo[e]pyrene	34433	000192-97-2	92
			Benzo[a]pyrene	34431	000050-32-8	86
28	28.91	0.98	C:\DATABASE\NBS75K.L			
			4,5-Dihydro-4,5-epoxybenzpyrene	37473	000000-00-0	23
			p-Anisaldehyde, azine	37374	002299-73-2	25
			3-Methylcholanthrene	37480	000056-49-5	37
29	29.04	1.89	C:\DATABASE\NBS75K.L			
			9-(m-Nitrobenzylidene) fluorene	42643	004421-51-6	28
			Benzo[e]pyrene	71509	000192-97-2	93
			Benzo[j]fluoranthene	34435	000205-82-3	95
30	29.10	2.19	C:\DATABASE\NBS75K.L			
			Heptadecane	32063	000629-78-7	91
			Tetracosane	73543	000646-31-1	91
			Pentadecane, 8-hexyl-	42199	013475-75-7	91
31	29.17	2.19	C:\DATABASE\NBS75K.L			
			Benzo[a]pyrene	71508	000050-32-8	97
			Benzo[a]pyrene	34431	000050-32-8	80
			Benzo[j]fluoranthene	34435	000205-82-3	93
32	29.32	2.61	C:\DATABASE\NBS75K.L			
			Perylene-dl2	36687	001520-96-3	97
			5H-Naphtho[1,8-bc]thiophen-5-one,	36621	010245-65-5	59
			2-Oxo-6-phenyl-4-(2-hydroxyphenyl)	36599	000000-00-0	9
33	29.49	1.98	C:\DATABASE\NBS75K.L			
			Acetophenone, 2-[5-(p-methoxypheny	53830	021326-96-5	17
			1,2,3-Benzotriazin-4(3H)-one, 3-[4	36937	055649-81-5	10
			Propanamide, 2,2,3,3,3-pentafluoro	55867	072347-70-7	10
34	29.76	1.40	C:\DATABASE\NBS75K.L			
			Benz[j]aceanthrylene, 3-methyl-	37077	003343-10-0	16
			2,3-Dihydro-7-methyl-5-phenyl-1H-1	36980	002888-60-0	12
			6-Methoxy-2'-methylaurone	37003	077764-85-3	12
35	29.91	1.21	C:\DATABASE\NBS75K.L			
			Nonadecane, 9-methyl-	39865	013287-24-6	49
			Heneicosane	42201	000629-94-7	90
			Heptadecane	32063	000629-78-7	86
36	30.09	1.08	C:\DATABASE\NBS75K.L			
			2H-1-Benzopyran-6-ol, 3,4-dihydro-	61976	056282-30-5	23
			Quinoline, 4-styryl-	30169	004594-84-7	32
			Methylbenzo(C)carbazole	30168	064859-54-7	38
37	30.23	2.67	C:\DATABASE\NBS75K.L			

9,19-Cycloergost-24(28)-en-3-ol, 4 55719 000469-39-6 27
1,4-Methanoazulene, decahydro-4,8, 23917 000475-20-7 55
3-Cyclohexene-1-methanol, .alpha., 28217 023178-88-3 10

.38 30.37 1.09 C:\DATABASE\NBS75K.L
4-Benzylidene-1-phenyl-3,5-dioxopy 36602 015083-26-8 9
2-Oxo-3-phenyl-6-(4-tolyl)-1,2,3,4 36625 000000-00-0 25
Quinoxaline, 2-isopropyl-3-phenyl- 36633 016007-79-7 32

39 30.72 2.11 C:\DATABASE\NBS75K.L
Heneicosane 42201 000629-94-7 91
Docosane 44318 000629-97-0 83
Nonadecane, 9-methyl- 39865 013287-24-6 87

40 30.79 1.52 C:\DATABASE\NBS75K.L
1-Docosene 72943 001599-67-3 22
5-Eicosene, (E)- 39520 074685-30-6 38
1-Hexadecanol 32424 036653-82-4 14

41 30.91 1.52 C:\DATABASE\NBS75K.L
9-Octadecenamide, (Z)- 39626 000301-02-0 37
9-Octadecenamide, (Z)- 72284 000301-02-0 17
2-Pentacosanone 50991 000000-00-0 38

42 31.17 1.94 C:\DATABASE\NBS75K.L
Vitamin E 74415 000059-02-9 14
3,6-Dimethyl-5-oxo-1,2,3,5-tetrahy 13657 000000-00-0 10
6-(2,5-Dihydroxy-3-methylphenyl)-1 55664 097743-94-7 10

43 31.54 1.07 C:\DATABASE\NBS75K.L
Benzo[ghi]perylene 38894 000191-24-2 60
Benzo[ghi]perylene 72173 000191-24-2 45
Benzo[ghi]perylene 72172 000191-24-2 49

44 31.75 1.14 C:\DATABASE\NBS75K.L
Benzo[ghi]perylene 38894 000191-24-2 95
Benzo[ghi]perylene 72172 000191-24-2 95
Benzo[ghi]perylene 72173 000191-24-2 53

45 31.85 1.68 C:\DATABASE\NBS75K.L
17-Octadecenal 37041 056554-86-0 80
Ethanol, 2-(9-octadecenylloxy)-, (Z 44553 005353-25-3 47
(Z)14-Tricosenyl formate 50987 077899-10-6 52

46 32.02 1.92 C:\DATABASE\NBS75K.L
Dibenzo[b,h][1,6]naphthyridine, 2- 39153 004240-91-9 18
[5,5'-Bipyrimidine]-2,2',4,4'(1H,1 39052 007033-42-3 10
Pentacene 39239 000135-48-8 14

47 32.24 3.21 C:\DATABASE\NBS75K.L
Nonadecane, 9-methyl- 39865 013287-24-6 87
Heneicosane 42201 000629-94-7 87
Docosane 44318 000629-97-0 95

48 32.74 2.28 C:\DATABASE\NBS75K.L
.gamma.-Sitosterol 54958 000083-47-6 90
Deoxycholic acid 74199 000083-44-3 10
Cholesterol 74137 000057-88-5 43

49 33.10 0.95 C:\DATABASE\NBS75K.L
Pregn-4-en-3-one, 20,21-[[[(1,1-dim 53721 030882-66-7 30
Pregn-4-ene-3,20-dione, (10.alpha. 73117 003562-13-8 35
Pregn-4-ene-3,20-dione, (9.beta.,1 73104 002755-10-4 20

Information from Data File:

File: K:\HPCHEM\2\DATA\1107SV0\SV004.D
 Operator: LEC
 Date Acquired: 7 Nov 2000 2:18 pm
 Method File: A02SV113
 Sample Name: 205493-047 *33.3*
 Misc Info: *11/02/00 14:46*ARM*
 Vial Number: 18

Search Libraries: C:\DATABASE\XENCO.L Minimum Quality: 80
 C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
 Integration Events: RTE Integrator - rteint.p

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	4.57	1.51	C:\DATABASE\XENCO.L			
			2-Fluorophenyl	103	000000-00-0	94
			2-Fluorophenyl	33	000000-00-0	94
			Chloroethane	117	000075-00-3	9
2	5.74	1.77	C:\DATABASE\NBS75K.L			
			Hexanoic acid, anhydride	26310	002051-49-2	45
			Glycocyanidine	1373	000503-86-6	9
			Hexanoic acid, 1,2,3-propanetriyl	52708	000621-70-5	4
3	6.23	2.89	C:\DATABASE\XENCO.L			
			1,4-Dichlorobenzene-d4	104	000000-00-0	87
			1,4-Dichlorobenzene-d4	34	000000-00-0	87
	7.29	1.60	C:\DATABASE\XENCO.L			
			Nitrobenzene (D5)	105	000000-00-0	91
			Nitrobenzene (D5)	35	000000-00-0	91
			Bromochloromethane	100	000000-00-0	1
5	8.78	3.93	C:\DATABASE\XENCO.L			
			Naphthalene (D8)	106	000000-00-0	87
			Naphthalene (D8)	36	000000-00-0	87
6	11.62	2.90	C:\DATABASE\XENCO.L			
			2-Fluorobiphenyl	107	000000-00-0	96
			2-Fluorobiphenyl	37	000000-00-0	96
7	13.42	4.33	C:\DATABASE\XENCO.L			
			Acenaphthene (D10)	108	000000-00-0	96
			Acenaphthene (D10)	38	000000-00-0	96
8	15.70	1.55	C:\DATABASE\NBS75K.L			
			7-Bromo-2,3-dihydro-5-phenyl-1H-1,	46821	034099-70-2	27
			1,10-Phenanthroline, 4,7-diphenyl-	47247	001662-01-7	5
			Iron, (.eta.5-2,4-cyclopentadien-1	47173	012149-22-3	4
9	17.63	4.13	C:\DATABASE\XENCO.L			
			PHENANTHRENE -d10	126	000000-00-0	90
			PHENANTHRENE -d10	56	000000-00-0	90
	17.68	1.34	C:\DATABASE\NBS75K.L			
			7,8-Diphenylbicyclo[4.2.1]nona-2,4	37860	054049-09-1	64
			Phenanthrene	68642	000085-01-8	95
			Phenanthrene	68641	000085-01-8	87
11	21.19	4.42	C:\DATABASE\NBS75K.L			

			Fluoranthene	23467	000206-44-0	96
			Fluoranthene	69815	000206-44-0	43
			Pyrene	69819	000129-00-0	95
12	21.81	4.39	C:\DATABASE\NBS75K.L			
			Pyrene	69819	000129-00-0	46
			Pyrene	23469	000129-00-0	91
			Pyrene	69820	000129-00-0	83
13	22.49	3.74	C:\DATABASE\XENCO.L			
			4-Terphenyl (d14)	102	000000-00-0	99
			4-Terphenyl (d14)	32	000000-00-0	99
14	24.19	0.81	C:\DATABASE\NBS75K.L			
			9-Octadecenamamide, (Z)-	39626	000301-02-0	38
			9-Octadecenamamide, (Z)-	72284	000301-02-0	38
			Heptanamamide, 4-ethyl-5-methyl-	15486	054789-40-1	45
15	24.36	1.10	C:\DATABASE\NBS75K.L			
			1,1'-Biphenyl, 2,2',3,3',4,5-hexac	73781	055215-18-4	92
			1,1'-Biphenyl, 2,3,3',4,4',5'-hexa	50056	069782-90-7	70
			1,1'-Biphenyl, 2,2',3,4,5,5'-hexac	50054	052712-04-6	86
16	25.44	6.99	C:\DATABASE\NBS75K.L			
			Chrysene-d12	32068	001719-03-5	99
			[1,1'-Biphenyl]-4,4'-diamine, N,N,	32051	000366-29-0	9
			Alizarin	31937	000072-48-0	40
17	25.51	2.66	C:\DATABASE\NBS75K.L			
			Chrysene	29696	000218-01-9	76
			Benz[a]anthracene	70854	000056-55-3	93
			Chrysene	70852	000218-01-9	95
	25.86	0.98	C:\DATABASE\NBS75K.L			
			1,1'-Biphenyl, 2,2',3,3',5,5',6-he	53207	052663-67-9	93
			1,1'-Biphenyl, 2,2',3,4,4',5,6'-He	53201	060145-23-5	38
			2,4-Imidazolidinedione, 1,3-diethy	53545	057326-26-8	10
19	28.14	2.64	C:\DATABASE\NBS75K.L			
			Hexadecanamamide	34960	000629-54-9	10
			Dodecanamide	22660	001120-16-7	45
			3-Hexanol	1762	000623-37-0	37
20	28.38	2.82	C:\DATABASE\NBS75K.L			
			Benzo[a]pyrene	71508	000050-32-8	98
			Benzo[j]fluoranthene	34435	000205-82-3	95
			Perylene	71506	000198-55-0	90
21	28.42	1.70	C:\DATABASE\NBS75K.L			
			[1,1'-Biphenyl]-4,4'-diamine, 3,3'	71484	000119-90-4	5
			Benzo[k]fluoranthene	71510	000207-08-9	49
			Benzo[a]pyrene	71508	000050-32-8	64
22	28.61	0.88	C:\DATABASE\NBS75K.L			
			Perylene	34430	000198-55-0	96
			Benzo[e]pyrene	71509	000192-97-2	86
			Benzo[j]fluoranthene	34435	000205-82-3	97
	29.03	2.02	C:\DATABASE\NBS75K.L			
			9-(m-Nitrobenzylidene) fluorene	42643	004421-51-6	40
			9-(p-Nitrobenzylidene) fluorene	42646	006954-71-8	38
			Benzo[e]pyrene	71509	000192-97-2	93
24	29.16	2.31	C:\DATABASE\NBS75K.L			

			Benzo[a]pyrene	71508	000050-32-8	97
			Benzo[a]pyrene	34431	000050-32-8	74
			Benzo[e]pyrene	71509	000192-97-2	81

25	29.32	3.13	C:\DATABASE\NBS75K.L Perylene-d12	36687	001520-96-3	96
			5H-Naphtho[1,8-bc]thiophen-5-one,	36621	010245-65-5	59
			2-Oxo-6-phenyl-4-(2-hydroxyphenyl)	36599	000000-00-0	9
26	29.49	1.59	C:\DATABASE\NBS75K.L Phenol, pentachloro-	71816	000087-86-5	9
			Benzo[1,2-b:4,3-b']dithiophene, 1-	36959	016587-58-9	43
			2,3-Dihydro-7-methyl-5-phenyl-1H-1	36980	002888-60-0	27
27	29.76	1.26	C:\DATABASE\NBS75K.L 6-Methoxy-3'-methylaurone	36998	077764-86-4	25
			2,3-Dihydro-7-methyl-5-phenyl-1H-1	36980	002888-60-0	22
			Benzo[1,2-b:4,3-b']dithiophene, 1-	36959	016587-58-9	12
28	30.23	1.90	C:\DATABASE\NBS75K.L 9,19-Cycloergost-24(28)-en-3-ol, 4	55719	000469-39-6	42
			Silane, tetra-2-propenyl-	20794	001112-66-9	35
			26,26-Dimethyl-5,23-ergostadien-3.	55681	000000-00-0	14
29	30.36	0.90	C:\DATABASE\NBS75K.L 2-Oxo-3-phenyl-6-(4-tolyl)-1,2,3,4	36625	000000-00-0	25
			4,6-Di(2-hydroxyphenyl)pyrimidine	36598	000000-00-0	43
			2-Oxo-6-phenyl-4-(2-hydroxyphenyl)	36599	000000-00-0	25
30	30.71	1.52	C:\DATABASE\NBS75K.L Tetracosane	73543	000646-31-1	87
			Heneicosane	42201	000629-94-7	62
			Docosane	44318	000629-97-0	62
31	30.79	1.04	C:\DATABASE\NBS75K.L 1-Hexadecanol	71246	036653-82-4	47
			3-Eicosene, (E)-	39521	074685-33-9	18
			10-Nonadecanol	40238	016840-84-9	35
32	30.97	1.28	C:\DATABASE\NBS75K.L Naphthalene, 2-decyldecahydro-	39230	054964-84-0	46
			2-(Fench-2-yl) fenchane	38551	000000-00-0	14
			D-Homoandrostandane, (5.alpha.,13.alp	38557	054482-31-4	50
33	31.17	0.77	C:\DATABASE\NBS75K.L 1,2,3,4-Butanetetrol, 1-(1-phenyl-	73931	031504-90-2	9
			Acetic acid, (triphenylphosphorany	49099	001099-45-2	11
			1,2,3-Propanetriol, 1-(1-phenyl-1H	47685	017460-16-1	7
34	31.24	1.39	C:\DATABASE\NBS75K.L 1,5-Bis(ethoxycarbonylmethylene)cy	39436	000000-00-0	12
			1-(4-Ethoxy-1,2,3,4-tetramethyl-2-	39513	000000-00-0	14
			Oxacyclooctadec-3-en-2-one, 5,6,7-	46590	052461-05-9	10
35	31.53	1.45	C:\DATABASE\NBS75K.L Dibenz[a,h]anthracene	39243	000053-70-3	38
			Benzo[b]triphenylene	39238	000215-58-7	35
			Benzo[ghi]perylene	38894	000191-24-2	45
36	31.74	1.61	C:\DATABASE\NBS75K.L Benzo[ghi]perylene	38894	000191-24-2	97
			Benzo[ghi]perylene	72172	000191-24-2	91
			Benzo[ghi]perylene	72173	000191-24-2	58

37	31.85	1.32	C:\DATABASE\NBS75K.L 15-Octadecenal 13-Octadecenal Octadecanal	37050 37046 37453	056554-93-9 056554-90-6 000638-66-4	78 90 64
38	32.01	2.02	C:\DATABASE\NBS75K.L 2-Methyl-3,7-dichloro-6-phenylimid 10H-Phenoxaphosphine, 8-fluoro-10- Estra-1,3,5,7,9,15-hexaen-17-one,	39045 39085 39208	000000-00-0 037041-13-7 056588-53-5	9 25 11
39	32.23	2.73	C:\DATABASE\NBS75K.L Tetratriacontane Pentatriacontane Hexatriacontane	58265 58743 74636	014167-59-0 000630-07-9 000630-06-8	83 87 87
40	32.32	0.78	C:\DATABASE\NBS75K.L 5(1H)-Azulenone, 2,4,6,7,8,8a-hexa Olean-12-ene Pyrrolo[2,3-b]indole, 1,2,3,3a,8,8	27256 54654 27203	006754-66-1 000471-68-1 000000-00-0	42 25 80
41	32.38	0.92	C:\DATABASE\NBS75K.L Spiro[5.5]undec-2-ene, 3,7,7-trime 1H-Cyclopropa[a]naphthalene, 1a,2, 4,8-Methanoazulen-9-ol, decahydro-	23922 23920 28248	018431-82-8 000489-29-2 004586-22-5	22 38 10
42	32.44	1.47	C:\DATABASE\NBS75K.L Oxirane, tetramethyl- 2-Pentanol, 5-methoxy-2-methyl- 2-Heptadecanone	63415 5814 34799	005076-20-0 055724-04-4 002922-51-2	59 25 27
43	32.74	2.33	C:\DATABASE\NBS75K.L [1,2'-Binaphthalene]-5,5',8,8'-tet 3-Ethyl-2-methyl-2-heptene 2-Methyl-7-nonadecene	74034 7521 39515	020175-84-2 000000-00-0 000000-00-0	49 38 43
44	32.96	1.08	C:\DATABASE\NBS75K.L 1-Naphthalenepropanol, .alpha.-eth Naphthalene, 1,2,3,5,6,7,8,8a-octa 1-Naphthalenepropanol, .alpha.-eth	44030 69888 72941	000515-03-7 004630-07-3 000515-03-7	14 22 10
45	33.09	1.66	C:\DATABASE\NBS75K.L Atropine Ethanone, 1-[3-methyl-2-(1-pyrroli Indolizine, octahydro-	41026 18089 4355	000051-55-8 054677-80-4 013618-93-4	22 25 10
46	33.42	0.93	C:\DATABASE\NBS75K.L Tetradecanal Tetradecanal Hexadecanal	25969 70266 32055	000124-25-4 000124-25-4 000629-80-1	78 87 78
47	33.63	1.02	C:\DATABASE\NBS75K.L Naphthalene, ar,ar',ar''-methylidy 1,4-Methanonaphthalene, 6,7-diethy 2-Pentenoic acid, 5-(decahydro-5,5	55592 24451 43512	072101-29-2 016539-02-9 024470-48-2	22 10 25
48	33.83	0.78	C:\DATABASE\NBS75K.L Docosane Heneicosane Octadecane	44318 42201 71561	000629-97-0 000629-94-7 000593-45-3	86 91 90
49	34.55	0.80	C:\DATABASE\NBS75K.L 6-Octen-1-ol, 3,7-dimethyl-, propa Squalene Spiro[5.6]dodecane	25895 54650 14167	000141-14-0 007683-64-9 000181-15-7	22 27 14