Roy F. Weston, Inc.

RECEIVED
MAR - 8 2002

SDG: L79047
Login: L79047

Data Package
for samples collected
February 14, 2002

Data Package sent to:

Ms. Smita Sumbaly
Roy F. Weston, Inc.
1090 King Georges Post Road
Suite 201
Edison, NJ 08837

361411

Galson Laboratories

6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

RECEIVED
MAR - 8 2002

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Roy F. Weston

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Login: L79047

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March 06, 2002

DOH ELAP# 11626

Ms. Smita Sumbaly
Roy. F. Weston, Inc.
1090 King Georges Post Road
Suite 201
Edison, NJ 08837

Client Account# 13643 Login# L79047

Dear Ms. Sumbaly:

Enclosed are the analytical results of the samples received by our laboratory February 15, 2002. The samples were received intact and under proper chain of custody. The samples were assigned login and sample delivery group (SDG) L79047.

Samples were analyzed following modified NIOSH methods 1003 and 1501. The samples were desorbed in carbon disulfide. Analysis was performed using a gas chromatograph equipped with FID.

Tetrachloroethylene was analyzed using GC with an electron capture detector (ECD). All samples were corrected for the average lot background. This was performed by subtracting the average area count for the lot, 46731, from the total area for each sample.

Results in this report are based on the sampling data provided by the client. Unless otherwise requested, all samples will be discarded thirty days from the date of this report.

Please contact your client service representative, Pam Weaver at (888) 577-5227, extension 116, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

**Galson Laboratories**

FOR

F. Joseph Unangst
Laboratory Director

**Galson Laboratories**

6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

March 11, 2002

DOH ELAP# 11626

Ms. Smita Sumbaly
Roy. F. Weston, Inc.
1090 King Georges Post Road
Suite 201
Edison, NJ 08837

Client Account# 13643 Login# L79047

Dear Ms. Sumbaly:

Enclosed are the revised analytical results of the samples received by our laboratory February 15, 2002. As requested, tetrachloroethylene results are reported in ug/m3 in the Conc column.

Please replace the pages in the data package with the enclosed paginated pages.

Results in this report are based on the sampling data provided by the client. Unless otherwise requested, all samples will be discarded thirty days from the date of this report.

Please contact your client service representative, Pam Weaver at (888) 577-5227, extension 116, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

**Galson Laboratories**

FOR

F. Joseph Unangst
Laboratory Director

Enclosure(s)

# CHAIN OF CUSTODY RECORD

2255

003137

WESTON
MANAGERS DESIGNERS/CONSULTANTS

Removal Support Team
EPA CONTRACT 68-W-00-113
Phone (732)225-6116 Fax: 732-225-7037

| | |
|---|---|
| 1. Surface | 1. HCl |
| 2. Ground Water | 2. HN03 |
| 3. Leachate | 3. Na2SO4 |
| 4. Rinsate | 4. H2SO4 |
| 5. Soil/Sediment | 5. Other (Specify) |
| 6. Oil | 6. Ice Only |
| 7. Waste | N. Not Preserved |
| 8. Air | |

1 of 2

Send verbal and written results to: Roy F. Weston, Inc.
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, RST Analytical Coordinator

| Sample Number | Sampling Location (Letter / Street Location) | Sample Matrix (Enter Box 1) | Date Collected | Event Date / Time | Run Time (Minutes) | AVG Flow Rate (Liters/ Minute) | Volume (Liters) | Number of Cassettes | Preservative (Enter Box 2) | Analysis |
|---|---|---|---|---|---|---|---|---|---|---|
| TC-17 | | 8* | 2/14/02 | | 600 | 0.1921 | 115.26 | 1 | N | NIOSH 1003 + 1501 |
| TC-18 | | | | | 600 | 0.1979 | 118.74 | | | |
| TC-19 | | | | | 600 | 0.1996 | 119.76 | | | |
| TC-20 | | | | | 600 | 0.1982 | 118.92 | | | |
| TC-21 | | | | | 600 | 0.1974 | 118.44 | | | |
| TC-22 | | | | | 600 | 0.1948 | 116.88 | | | |
| TC-23 | | | | | 600 | 0.2019 | 121.14 | | | |
| TC-24 | | | | | 600 | 0.1983 | 118.98 | | | |
| TC-25 | | | | | 600 | 0.2045 | 122.70 | | | |
| TC-26 | | | | | 600 | 0.1917 | 115.02 | | | |

Comments: ANALYSIS VIA NIOSH 1003 AND 1501 / * 150 MG CHARCOAL TUBES

Person Assuming Responsibility for Samples: JOHN BRENNAN — Time/Date

| Sample Number | Relinquished By: | Time | Date | Received By: | Reason for Change of Custody |
|---|---|---|---|---|---|
| ALL | [signature] | 1745 | 2/14/02 | [signature] | Ship to lab |
| | | 10:30 | 2/15 | [signature] | |
| | | | | | |

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Scientific and Environmental Associates, Inc. and Resource Applications, Inc.

# CHAIN OF CUSTODY RECORD

2255

0031137

WESTON
MANAGERS DESIGNERS/CONSULTANTS

Removal Support Team
EPA CONTRACT 68-W-00-113
Phone (732)225-6116 Fax: 732-225-7037

| | |
|---|---|
| 1. Surface<br>2. Ground Water<br>3. Leachate<br>4. Rinsate<br>5. Soil/Sediment<br>6. Oil<br>7. Waste<br>8. Air | 1. HCl<br>2. HN03<br>3. NaZSO4<br>4. H2SO4<br>5. Other (Specify)<br>6. Ice Only<br>N. Not Preserved |

2 of 2

Send verbal and written results to: Roy F. Weston, Inc.
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, RST Analytical Coordinator

| Sample Number | Sampling Location (Letter / Street Location) | Sample Matrix (Enter Box 1) | Date Collected | Event Date / Time | Run Time (Minutes) | AVG Flow Rate (Liters/ Minute) | Volume (Liters) | Number of Cassettes | Preservative (Enter Box 2) | Analysis |
|---|---|---|---|---|---|---|---|---|---|---|
| TC-27 | | 8* | 2/14/02 | | 496 | 0.1959 | 97.17 | 1 | N | NIOSH 1003+1501 |
| TC-28 | | | | | 600 | 0.2108 | 126.48 | | | |
| TC-29 | | | | | 600 | 0.2075 | 124.50 | | | |
| TC-30 | | | | | 600 | 0.2143 | 128.58 | | | |
| TC-31 | | | | | 600 | 0.2338 | 140.51 | | | |
| TC-32 | | | | | 300 | 0.180 | 54 | | | |
| TC-33 | | | | | 518 | 0.1980 | 102.56 | | | |
| FIELD BLANK | | | | | | | | | | |
| TRIP BLANK | | | | | | | | | | |
| LOT BLANK | | | | | | | | 2 | | |

Comments: ANALYSIS VIA NIOSH 1003 AND 1501 / * 150 MG CHARCOAL TUBES

| Person Assuming Responsibility for Samples: | Time/Date |
|---|---|
| JOHN BRENNAN | |

| Sample Number | Relinquished By: | Time | Date | Received By: | Reason for Change of Custody |
|---|---|---|---|---|---|
| ALL | [signature] | 1745 | 2/14/02 | [signature] | Sleep to lab |
| Sample Number | Relinquished By: | Time | Date | Received By: | Reason for Change of Custody |
| | | 10:30 | 2/15 | [signature] | |
| Sample Number | Relinquished By: | Time | Date | Received By: | Reason for Change of Custody |
| | | | | | |

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Scientific and Environmental Associates, Inc. and Resource Applications, Inc.

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www.galsonlabs.com

# LABORATORY ANALYSIS REPORT

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-17** **Lab ID : L79047-1** **Air Volume : 115.26 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 | < 0.03 | < 0.006 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.09 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.08 | < 0.01 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.004 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 2.33 | 0.14 | 2.47 | 21.4 | 0.003 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.



4

LABORATORY ANALYSIS REPORT

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Phone: (315) 432-5227
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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-17** **Lab ID : L79047-1** **Air Volume : 115.26 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.008 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-18** **Lab ID : L79047-2** **Air Volume : 118.74 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | 4 | <3 | 4 | 0.03 | 0.008 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.08 | < 0.01 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 1.86 | 0.1 | 1.96 | 16.5 | 0.002 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-18** **Lab ID : L79047-2** **Air Volume : 118.74 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.008 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-19** **Lab ID : L79047-3** **Air Volume : 119.76 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.08 | < 0.01 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 1.93 | 0.23 | B 2.16 | B 18.0 | B 0.003 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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Fax: (315) 437-0571
www.galsonlabs.com

# LABORATORY ANALYSIS REPORT

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-19** **Lab ID : L79047-3** **Air Volume : 119.76 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.008 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-20** **Lab ID : L79047-4** **Air Volume : 118.92 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | 4 | <3 | 4 | 0.03 | 0.008 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.08 | < 0.01 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 1.27 | 0.1 | 1.37 | 11.5 | 0.002 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

# LABORATORY ANALYSIS REPORT

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-20** **Lab ID : L79047-4** **Air Volume : 118.92 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | 4 | <4 | 4 | 0.03 | 0.008 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH #: 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT

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Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-21** **Lab ID : L79047-5** **Air Volume : 118.44 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | 4 | <3 | 4 | 0.03 | 0.008 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | 2 | <2 | 2 | 0.02 | 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.08 | < 0.01 |
| o-Dichlorobenzene | 3 | 7 | <3 | ~~8~~ 7 | ~~0.07~~ | 0.01 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 1.86 | 0.12 | 1.98 | 16.7 | 0.002 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

**COMMENTS:** Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT

Galson Laboratories

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Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-21** **Lab ID : L79047-5** **Air Volume : 118.44 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | 13 | <4 | 13 | 0.1 | 0.02 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH #: 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT

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www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-22** **Lab ID : L79047-6** **Air Volume : 116.88 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | 4 | <3 | 4 | 0.03 | 0.008 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.08 | < 0.01 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 1.66 | 0.18 | B 1.84 | B 15.7 | B 0.002 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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Fax: (315) 437-0571
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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-22** **Lab ID : L79047-6** **Air Volume : 116.88 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | 10 | <4 | 10 | 0.08 | 0.02 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-23** **Lab ID : L79047-7** **Air Volume : 121.14 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | 5 | <3 | 5 | 0.04 | 0.01 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.07 | < 0.01 |
| o-Dichlorobenzene | 3 | 11 | <3 | 12 | 0.1 | 0.02 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 2.09 | 0.2 | 2.29 | 18.9 | 0.003 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

**COMMENTS:** Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-23** **Lab ID : L79047-7** **Air Volume : 121.14 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.008 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH #: 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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LABORATORY ANALYSIS REPORT

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www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-24** **Lab ID : L79047-8** **Air Volume : 118.98 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | 5 | <3 | 5 | 0.04 | 0.01 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | 8 | <4 | 17 | 0.1 | 0.03 |
| o-Dichlorobenzene | 3 | 15 | <3 | 17 | 0.1 | 0.02 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 1.91 | 0.2 | B 2.11 | B 17.7 | B 0.003 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

**COMMENTS:** Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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# LABORATORY ANALYSIS REPORT

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-24** **Lab ID : L79047-8** **Air Volume : 118.98 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.008 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT

Galson Laboratories

6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-25** **Lab ID : L79047-9** **Air Volume : 122.70 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | 5 | <3 | 5 | 0.04 | 0.01 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | 6 | <4 | 13 | 0.1 | 0.02 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 1.99 | 0.16 | 2.15 | 17.5 | 0.002 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.06 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-25** **Lab ID : L79047-9** **Air Volume : 122.70 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.008 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH #: 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-26** **Lab ID : L79047-10** **Air Volume : 115.02 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | 4 | <3 | 4 | 0.03 | 0.008 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.09 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.08 | < 0.01 |
| o-Dichlorobenzene | 3 | 13 | <3 | 15 | 0.1 | 0.02 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 2.35 | 0.09 | 2.44 | 21.2 | 0.003 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-26** **Lab ID : L79047-10** **Air Volume : 115.02 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.008 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-27** **Lab ID : L79047-11** **Air Volume : 97.17 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.009 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.009 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.008 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 | < 0.03 | < 0.008 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.008 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.006 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.05 | < 0.01 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.04 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.1 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.005 |
| Naphthalene | 9 | 6 | <4 | 13 | 0.1 | 0.02 |
| o-Dichlorobenzene | 3 | 14 | <3 | 16 | 0.2 | 0.03 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.005 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.05 | < 0.01 |
| Tetrachloroethylene | 0.02 | 0.84 | 0.12 | B 0.96 | B 9.9 | B 0.001 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.05 | < 0.01 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.08 | < 0.02 |

**COMMENTS:** Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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# LABORATORY ANALYSIS REPORT

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-27** **Lab ID : L79047-11** **Air Volume : 97.17 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.04 | < 0.009 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH #: 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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LABORATORY ANALYSIS REPORT

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-28** **Lab ID : L79047-12** **Air Volume : 126.48 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.006 |
| 1,2-Dichloroethane | 3 | 3 | <3 | 3 | 0.02 | 0.006 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | 4 | <4 | 9 | 0.07 | 0.01 |
| o-Dichlorobenzene | 3 | 15 | <3 | 17 | 0.1 | 0.02 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.009 |
| Tetrachloroethylene | 0.02 | 1.64 | 0.11 | 1.75 | 13.8 | 0.002 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.06 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-28** **Lab ID : L79047-12** **Air Volume : 126.48 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.007 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH #: 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-29** **Lab ID : L79047-13** **Air Volume : 124.50 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | 10 | <4 | ~~22~~ | ~~0.2~~ | 0.03 |
| o-Dichlorobenzene | 3 | 18 | <3 | ~~20~~ | ~~0.2~~ | 0.03 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.009 |
| Tetrachloroethylene | 0.02 | 1.56 | 0.22 | B 1.78 | B 14.3 | B 0.002 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.06 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT

Galson Laboratories

6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-29** **Lab ID : L79047-13** **Air Volume : 124.50 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.007 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH #: 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-30** **Lab ID : L79047-14** **Air Volume : 128.58 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.006 |
| 1,2-Dichloroethane | 3 | 4 | <3 | 4 | 0.03 | 0.008 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | 6 | <4 | 13 | 0.1 | 0.02 |
| o-Dichlorobenzene | 3 | 14 | <3 | 16 | 0.1 | 0.02 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.009 |
| Tetrachloroethylene | 0.02 | 1.28 | 0.17 | B 1.45 | B 11.3 | B 0.002 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.06 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-30** **Lab ID : L79047-14** **Air Volume : 128.58 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.007 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-31** **Lab ID : L79047-15** **Air Volume : 140.51 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.006 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.006 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.009 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.006 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 | < 0.02 | < 0.005 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.005 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.01 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.01 | < 0.004 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.1 | < 0.01 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.1 | < 0.02 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.01 | < 0.003 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.1 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.07 | < 0.01 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.01 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.01 | < 0.003 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.06 | < 0.01 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.008 |
| Tetrachloroethylene | 0.02 | 0.33 | 0.08 | B 0.41 | B 2.9 | B 0.0004 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.01 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.06 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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# LABORATORY ANALYSIS REPORT

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-31** **Lab ID : L79047-15** **Air Volume : 140.51 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.006 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-32** **Lab ID : L79047-16** **Air Volume : 54 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | 25 | <5 | 25 | 0.5 | 0.08 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.09 | < 0.02 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.09 | < 0.02 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.09 | < 0.02 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 | < 0.06 | < 0.01 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.06 | < 0.01 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.04 | < 0.008 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.04 | < 0.01 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.09 | < 0.02 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.4 | < 0.04 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.4 | < 0.06 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.04 | < 0.008 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.4 | < 0.07 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.2 | < 0.04 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.04 | < 0.008 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.04 | < 0.008 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.09 | < 0.01 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.2 | < 0.03 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.06 | < 0.009 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.06 | < 0.009 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.09 | < 0.02 |
| Tetrachloroethylene | 0.02 | 204.00 | 0.21 | 204 | 3780 | 0.6 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.04 | < 0.01 |
| Trichloroethylene | 5 | 41 | <5 | 41 | 0.8 | 0.1 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.1 | < 0.03 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-32** **Lab ID : L79047-16** **Air Volume : 54 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.07 | < 0.02 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-33** **Lab ID : L79047-17** **Air Volume : 102.56 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.009 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.009 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.008 |
| 1,2-Dichloroethane | 3 | 5 | <3 | 5 | 0.05 | 0.01 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.007 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.006 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.05 | < 0.009 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.04 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.1 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.005 |
| Naphthalene | 9 | 6 | <4 | 13 | 0.1 | 0.02 |
| o-Dichlorobenzene | 3 | 10 | <3 | 11 | 0.1 | 0.02 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.005 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.05 | < 0.01 |
| Tetrachloroethylene | 0.02 | 1.80 | 0.23 | B 2.03 | B 19.8 | B 0.003 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.05 | < 0.009 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.08 | < 0.02 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-33** **Lab ID : L79047-17** **Air Volume : 102.56 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.04 | < 0.009 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : FIELD BLANK** **Lab ID : L79047-18** **Air Volume : NA**

| Parameter | LOQ ug | Front ug | Back ug | Total ug |
|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 |
| Benzene | 2 | <2 | <2 | < 2 |
| Benzyl chloride | 5 | <5 | <5 | < 5 |
| Bromoform | 20 | <20 | <20 | < 20 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 |
| Chlorobenzene | 2 | <2 | <2 | < 2 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 |
| Chloroform | 10 | <10 | <10 | < 10 |
| Cumene | 2 | <2 | <2 | < 2 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 |
| Hexachloroethane | 5 | <5 | <5 | < 5 |
| Naphthalene | 9 | <4 | <4 | < 9 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 |
| Styrene | 5 | <2 | <2 | < 5 |
| Tetrachloroethylene | 0.02 | 0.31 | 0.1 | 0.41 |
| Toluene | 2 | <2 | <2 | < 2 |
| Trichloroethylene | 5 | <5 | <5 | < 5 |
| Vinyl toluene | 8 | <5 | <5 | < 8 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT

Galson Laboratories

6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : FIELD BLANK** **Lab ID : L79047-18** **Air Volume : NA**

| Parameter | LOQ ug | Front ug | Back ug | Total ug |
|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TRIP BLANK** **Lab ID : L79047-19** **Air Volume : NA**

| Parameter | LOQ ug | Front ug | Back ug | Total ug |
|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 |
| Benzene | 2 | <2 | <2 | < 2 |
| Benzyl chloride | 5 | <5 | <5 | < 5 |
| Bromoform | 20 | <20 | <20 | < 20 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 |
| Chlorobenzene | 2 | <2 | <2 | < 2 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 |
| Chloroform | 10 | <10 | <10 | < 10 |
| Cumene | 2 | <2 | <2 | < 2 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 |
| Hexachloroethane | 5 | <5 | <5 | < 5 |
| Naphthalene | 9 | <4 | <4 | < 9 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 |
| Styrene | 5 | <2 | <2 | < 5 |
| Tetrachloroethylene | 0.02 | 0.41 | 0.18 | 0.59 |
| Toluene | 2 | <2 | <2 | < 2 |
| Trichloroethylene | 5 | <5 | <5 | < 5 |
| Vinyl toluene | 8 | <5 | <5 | < 8 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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Fax: (315) 437-0571
www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TRIP BLANK** **Lab ID : L79047-19** **Air Volume : NA**

| Parameter | LOQ ug | Front ug | Back ug | Total ug |
|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : LOT BLANK** **Lab ID : L79047-20** **Air Volume : NA**

| Parameter | LOQ ug | Front ug | Back ug | Total ug |
|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 |
| Benzene | 2 | <2 | <2 | < 2 |
| Benzyl chloride | 5 | <5 | <5 | < 5 |
| Bromoform | 20 | <20 | <20 | < 20 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 |
| Chlorobenzene | 2 | <2 | <2 | < 2 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 |
| Chloroform | 10 | <10 | <10 | < 10 |
| Cumene | 2 | <2 | <2 | < 2 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 |
| Hexachloroethane | 5 | <5 | <5 | < 5 |
| Naphthalene | 9 | <4 | <4 | < 9 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 |
| Styrene | 5 | <2 | <2 | < 5 |
| Tetrachloroethylene | 0.02 | 0.32 | 0.13 | 0.45 |
| Toluene | 2 | <2 | <2 | < 2 |
| Trichloroethylene | 5 | <5 | <5 | < 5 |
| Vinyl toluene | 8 | <5 | <5 | < 8 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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Fax: (315) 437-0571
www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : LOT BLANK** **Lab ID : L79047-20** **Air Volume : NA**

| Parameter | LOQ ug | Front ug | Back ug | Total ug |
|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Tetrachloroethylene results are reported in ug/m3.

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH #: 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

GALSON LABORATORIES INTERNAL CHAIN OF CUSTODY



| Login # | Client Name | Acct/Job # | Stored By | VTSR | Debulk Date |
|---|---|---|---|---|---|
| L79047 | Roy F. Weston, Inc. | 13643 | | 15-FEB-02 | |

| Lab ID. | Client ID | Matrix | Storage | Receive Tech. Date/Time | Date/Time Returned | Receive Tech. Date/Time | Date/Time Returned | Receive Tech. Date/Time | Date/Time Returned |
|---|---|---|---|---|---|---|---|---|---|
| L79047-1 | TC-17 | Charcoal | | K 2/25/02 11:10 | NR | | | | |
| L79047-2 | TC-18 | Charcoal | | | | | | | |
| L79047-3 | TC-19 | Charcoal | | | | | | | |
| L79047-4 | TC-20 | Charcoal | | | | | | | |
| L79047-5 | TC-21 | Charcoal | | | | | | | |
| L79047-6 | TC-22 | Charcoal | | | | | | | |
| L79047-7 | TC-23 | Charcoal | | | | | | | |
| L79047-8 | TC-24 | Charcoal | | | | | | | |
| L79047-9 | TC-25 | Charcoal | | | | | | | |
| L79047-10 | TC-26 | Charcoal | | | | | | | |
| L79047-11 | TC-27 | Charcoal | | | | | | | |
| L79047-12 | TC-28 | Charcoal | | | | | | | |
| L79047-13 | TC-29 | Charcoal | | | | | | | |
| L79047-14 | TC-30 | Charcoal | | | | | | | |
| L79047-15 | TC-31 | Charcoal | | | | | | | |
| L79047-16 | TC-32 | Charcoal | | | | | | | |
| L79047-17 | TC-33 | Charcoal | | | | | | | |
| L79047-18 | FIELD BLANK | Charcoal | | | | | | | |

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GALSON LABORATORIES INTERNAL CHAIN OF CUSTODY



| Login # | Client Name | Acct/Job # | Stored By | VTSR | Debulk Date |
|---|---|---|---|---|---|
| L79047 | Roy F. Weston, Inc. | 13643 | | 15-FEB-02 | |

| Lab ID. | Client ID | Matrix | Storage | Receive Tech. Date/Time | Date/Time Returned | Receive Tech. Date/Time | Date/Time Returned | Receive Tech. Date/Time | Date/Time Returned |
|---|---|---|---|---|---|---|---|---|---|
| L79047-19 | TRIP BLANK | Charcoal | | JK 2/25/02 11:10 | NR | | | | |
| L79047-20 | LOT BLANK | Charcoal | | ↓ | ↓ | | | | |

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# IHGC PREP LOG

| DATE | TECH. | CLIENT | TASK | SAMPLE# | ELUENT | TUBE SZ. | DES.VOL. | COMMENTS |
|---|---|---|---|---|---|---|---|---|
| 2/20/02 | LL | [redacted] | L79096 | 17-33 | CS2 | SM | 1.0ml | IG-HC |
| 2/20/02 | LL | [redacted] | L79026 | 1-4 | DMF | SM | 1.0ml | IG-ETOX 1&4 |
| 2/21/02 | RR | [redacted] | L79025 | 8-10 | MeOH | Lg | 2.0ml | IG-DIETGL/PROGL |
| ↓ | ↓ | [redacted] | L79090 | 1-4 | CS2 | Lg | 2.0ml | IG-SS |
| ↓ | ↓ | [redacted] | L79089 | 1-9 | MeOH | Sm | 1.0ml | IG-ACRYDE |
| ↓ | ↓ | [redacted] | L79094 | 1-4 | DMF/CS2 | Sm | 1.0ml | IG-MECL2+O |
| ↓ | ↓ | [redacted] | L79064 | 8-12 | 60% NaOH | Sm | 1.0ml | IG-AN |
| 2/22/02 | DE | [redacted] | L79112 | 1-18 | CS2 | sm | 1.0ml | IG-OT |
| ↓ | ↓ | ↓ | ↓ | 19-52 | ↓ | ↓ | ↓ | IG-MECL2 |
| | | | L79113 | 1-18 | | | | IG-AT |
| | | | ↓ | 19-52 | | | | IG-MECL2 |
| 2/22/02 | DE | [redacted] | L79168 | 1-4 | CS2 | sm | 1.0ml | IG-HC |
| ↓ | ↓ | ↓ | ↓ | 8-12 | Water | ↓ | ↓ | IG-PCB |
| 2/22/02 | LL | [redacted] | L79022 | 9-11 | 60%DMF/CS2 | sm | 1.0ml | IG-IPROH |
| 2/22/02 | LL | [redacted] | L79114 | 1-18 | CS2 | sm | 1.0ml | IG-AT |
| 2/22/02 | LL | " " " | L79114 | 19-52 | CS2 | sm | 1.0ml | IG-MECL2 |
| 2/22/02 | LL | [redacted] | L79119 | 14-15 | CS2 | OVM | 1.5ml | IG-ORGPROF |
| 2/23/02 | LL | [redacted] | L79132 | 1-2 | CS2 | sm | 1.0ml | IG-XY |
| 2/23/02 | LL | [redacted] | L79108 | 6-9 | CS2 | Sm | 1.0ml | IG-NAP |
| 2/23/02 | JK | [redacted] | L79120 | 1-13 | CS2 | Sm | 1.0ml | IG-JET |
| 2/23/02 | JK | [redacted] | L79125 | 1-2 | AT | filter | 3.0mL | IG-TETOHNH |
| 2/23/02 | JK | [redacted] | L79147 | 1-4 | CS2 | lg | 2.0mL | IG-STY |
| 2/23/02 | JK | [redacted] | L79136 | 1 | CS2 | SKC | 2.0mL | IG-XY |
| 2/23/02 | JK | [redacted] | L79138 | 7-9 | CS2 | sm | 1.0mL | IG-HMDS |
| 2/23/02 | LL | [redacted] | L79105 | 1-5 | CS2 | sm | 1.0ml | IG-FT |
| 2/23/02 | LL | [redacted] | L79101 | 1-9 | CS2 | sm | 1.0ml | IG-~~HE~~ MEK |
| 2/23/02 | LL | [redacted] | L79100 | 1-7 | CS2 | sm | 1.0ml | IG-HC |
| 2/25/02 | JK | [redacted] | L78906 | 1-5 | CS2 | OVM | 1.5mL | IG-ETACT |
| 2/25/02 | JK | Roy Weston, Inc. | L79047 | 1-20 | CS2 | sm | 1.0mL | IG-NIOSH1003, etc. |
| 2/25/02 | SF | [redacted] | L79218 | 1-4 | CS2 | sm | 1.0ml | IG XY |

Continuing Calibration Summary
Login Number L79047

| Parameter | % | % | % | % | % |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 106 | 100 | 107 | 104 | 105 |
| 1,1,2-Trichloroethane | 108 | 103 | 111 | 106 | 108 |
| 1,1-Dichloroethane | 106 | 101 | 106 | 104 | 105 |
| 1,2,3-Trichloropropane | 104 | 102 | 109 | 108 | 109 |
| 1,2-Dichloroethane | 96 | 91 | 97 | 94 | 96 |
| a-methylstyrene | 98 | 102 | 105 | 104 | 107 |
| Benzene | 96 | 97 | 92 | 90 | 95 |
| Benzyl chloride | 85 | 86 | 94 | 94 | 93 |
| Bromoform | 91 | 91 | 97 | 97 | 98 |
| Carbon Tetrachloride | 100 | 95 | 102 | 103 | 108 |
| Chlorobenzene | 104 | 100 | 108 | 104 | 106 |
| Chlorobromomethane | 102 | 97 | 103 | 102 | 104 |
| Chloroform | 101 | 95 | 101 | 97 | 97 |
| cis-1,2-Dichloroethylene | 107 | 94 | 100 | 97 | 97 |
| Cumene | 100 | 103 | 106 | 104 | 107 |
| Ethylbenzene | 91 | 95 | 87 | 85 | 92 |
| Hexachloroethane | 106 | 103 | 110 | 108 | 109 |
| Naphthalene | 95 | 101 | 93 | 96 | 101 |
| o-Dichlorobenzene | 94 | 93 | 102 | 95 | 98 |
| p-Dichlorobenzene | 104 | 101 | 114 | 106 | 108 |
| Styrene | 104 | 108 | 111 | 110 | 112 |
| Tetrachloroethylene | 94 | 104 | 105 | 90 | 98 |
| Tetrachloroethylene cont'd | 90 | -- | -- | -- | -- |
| Toluene | 93 | 96 | 88 | 88 | 94 |
| trans-1,2-Dichloroethylene | 98 | 101 | 108 | 104 | 105 |
| Trichloroethylene | 95 | 97 | 91 | 89 | 94 |
| Vinyl toluene | 103 | 109 | 96 | 94 | 105 |
| Xylene | 109 | 112 | 88 | 87 | 110 |

Acceptance range = 85-115%

Spike Recovery
Login Number L79047

| Parameter | BS, % | BSD, % | RPD, % |
|---|---|---|---|
| 1,1,1-Trichloroethane | | | |
| 1,1,2-Trichloroethane | | | |
| 1,1-Dichloroethane | | | |
| 1,2,3-Trichloropropane | 97 | 97 | 0 |
| 1,2-Dichloroethane | | | |
| a-methylstyrene | | | |
| Benzene | | | |
| Benzyl chloride | 35 | 33 | 6 |
| Bromoform | 78 | 79 | 1 |
| Carbon Tetrachloride | | | |
| Chlorobenzene | | | |
| Chlorobromomethane | 95 | 94 | 1 |
| Chloroform | | | |
| cis-1,2-Dichloroethylene | | | |
| Cumene | | | |
| Ethylbenzene | | | |
| Hexachloroethane | 89 | 89 | 0 |
| Naphthalene | | | |
| o-Dichlorobenzene | | | |
| p-Dichlorobenzene | | | |
| Styrene | | | |
| Tetrachloroethylene | 86 | 85 | 1 |
| Toluene | | | |
| trans-1,2-Dichloroethylene | | | |
| Vinyl toluene | | | |
| Xylene | | | |

Turbochrom Sequence File C:\PenExe\TcWS\Hp-6a\022602.seq
Printed by : manager on: 2/26/02 4:11:17 PM
Created by : manager on: 2/26/02 3:48:03 PM
Edited by : manager on: 2/26/02 3:48:03 PM
Number of Times Edited : 0
Description:

Sequence File Header Information:
Number of Rows : 60
Instrument Type : HP5890A GC with HP7673A Autosampler
Injection Type : DUAL

Sequence Sample Descriptions - Channel A

| Row | Name | Number | Sample Amt | Dil Factor |
|---|---|---|---|---|
| 1 | CS2 BLANK | 001 | 1.000000 | 1.000000 |
| 2 | WG39545-40 | 002 | 1.000000 | 1.000000 |
| 3 | WG39545-41 | 003 | 1.000000 | 1.000000 |
| 4 | IH13363 1:1111 | 004 | 1.000000 | 1.000000 |
| 5 | IH13363 1:561 | 005 | 1.000000 | 1.000000 |
| 6 | IH13363 1:201 | 006 | 1.000000 | 1.000000 |
| 7 | IH13363 1:101 | 007 | 1.000000 | 1.000000 |
| 8 | IH13363 1:51 | 008 | 1.000000 | 1.000000 |
| 9 | IH13363 1:21 | 009 | 1.000000 | 1.000000 |
| 10 | IH13363 1:11 | 010 | 1.000000 | 1.000000 |
| 11 | IH13363 1:6 | 011 | 1.000000 | 1.000000 |
| 12 | IH13363 1:2 | 012 | 1.000000 | 1.000000 |
| 13 | IH13363 LO | 013 | 1.000000 | 1.000000 |
| 14 | CS2 BLANK | 014 | 1.000000 | 1.000000 |
| 15 | WG39545-42,IH13362,561 | 015 | 1.000000 | 1.000000 |
| 16 | WG39545-43,IH13362,21 | 016 | 1.000000 | 1.000000 |
| 17 | L79047-1A,WG39545,STD2TUBE | 017 | 1.000000 | 1.000000 |
| 18 | L79047-1B,WG39545,STD2TUBE | 018 | 1.000000 | 1.000000 |
| 19 | L79047-2A,WG39545,STD2TUBE | 019 | 1.000000 | 1.000000 |
| 20 | L79047-2B,WG39545,STD2TUBE | 020 | 1.000000 | 1.000000 |
| 21 | L79047-3A,WG39545,STD2TUBE | 021 | 1.000000 | 1.000000 |
| 22 | L79047-3B,WG39545,STD2TUBE | 022 | 1.000000 | 1.000000 |
| 23 | L79047-4A,WG39545,STD2TUBE | 023 | 1.000000 | 1.000000 |
| 24 | L79047-4B,WG39545,STD2TUBE | 024 | 1.000000 | 1.000000 |
| 25 | L79047-5A,WG39545,STD2TUBE | 025 | 1.000000 | 1.000000 |
| 26 | L79047-5B,WG39545,STD2TUBE | 026 | 1.000000 | 1.000000 |
| 27 | WG39545-44,IH13362,21 | 027 | 1.000000 | 1.000000 |
| 28 | L79047-6A,WG39545,STD2TUBE | 028 | 1.000000 | 1.000000 |
| 29 | L79047-6B,WG39545,STD2TUBE | 029 | 1.000000 | 1.000000 |
| 30 | L79047-7A,WG39545,STD2TUBE | 030 | 1.000000 | 1.000000 |
| 31 | L79047-7B,WG39545,STD2TUBE | 031 | 1.000000 | 1.000000 |
| 32 | L79047-8A,WG39545,STD2TUBE | 032 | 1.000000 | 1.000000 |
| 33 | L79047-8B,WG39545,STD2TUBE | 033 | 1.000000 | 1.000000 |
| 34 | L79047-9A,WG39545,STD2TUBE | 034 | 1.000000 | 1.000000 |
| 35 | L79047-9B,WG39545,STD2TUBE | 035 | 1.000000 | 1.000000 |
| 36 | L79047-10A,WG39545,STD2TUBE | 036 | 1.000000 | 1.000000 |
| 37 | L79047-10B,WG39545,STD2TUBE | 037 | 1.000000 | 1.000000 |
| 38 | WG39545-45,IH13362,51 | 038 | 1.000000 | 1.000000 |
| 39 | L79047-11A,WG39545,STD2TUBE | 039 | 1.000000 | 1.000000 |
| 40 | L79047-11B,WG39545,STD2TUBE | 040 | 1.000000 | 1.000000 |
| 41 | L79047-12A,WG39545,STD2TUBE | 041 | 1.000000 | 1.000000 |
| 42 | L79047-12B,WG39545,STD2TUBE | 042 | 1.000000 | 1.000000 |
| 43 | L79047-13A,WG39545,STD2TUBE | 043 | 1.000000 | 1.000000 |
| 44 | L79047-13B,WG39545,STD2TUBE | 044 | 1.000000 | 1.000000 |
| 45 | L79047-14A,WG39545,STD2TUBE | 045 | 1.000000 | 1.000000 |
| 46 | L79047-14B,WG39545,STD2TUBE | 046 | 1.000000 | 1.000000 |
| 47 | L79047-15A,WG39545,STD2TUBE | 047 | 1.000000 | 1.000000 |
| 48 | L79047-15B,WG39545,STD2TUBE | 048 | 1.000000 | 1.000000 |
| 49 | WG39545-46,IH13362,51 | 049 | 1.000000 | 1.000000 |
| 50 | L79047-16A,WG39545,STD2TUBE | 050 | 1.000000 | 1.000000 |
| 51 | L79047-16B,WG39545,STD2TUBE | 051 | 1.000000 | 1.000000 |
| 52 | L79047-17A,WG39545,STD2TUBE | 052 | 1.000000 | 1.000000 |
| 53 | L79047-17B,WG39545,STD2TUBE | 053 | 1.000000 | 1.000000 |
| 54 | L79047-18A,WG39545,STD2TUBE | 054 | 1.000000 | 1.000000 |
| 55 | L79047-18B,WG39545,STD2TUBE | 055 | 1.000000 | 1.000000 |
| 56 | L79047-19A,WG39545,STD2TUBE | 056 | 1.000000 | 1.000000 |
| 57 | L79047-19B,WG39545,STD2TUBE | 057 | 1.000000 | 1.000000 |
| 58 | L79047-20A,WG39545,STD2TUBE | 058 | 1.000000 | 1.000000 |
| 59 | L79047-20B,WG39545,STD2TUBE | 059 | 1.000000 | 1.000000 |
| 60 | WG39545-47,IH13362,11 | 060 | 1.000000 | 1.000000 |

HP6

USED FOR

BENZENE
ETHYLBENZENE
TOLUENE
XYLENES
α-METHYL STYRENE
VINYL TOLUENE
TRICHLOROETHYLENE

2/26/02 4:11:17 PM Sequence: C:\PenExe\TcWS\Hp-6a\022602.seq

## Sequence Sample Descriptions - Channel B

| Row | Name | Number | Sample Amt | Dil Factor |
|---|---|---|---|---|
| 1 | WG39578-1 | 001 | 1.000000 | 1.000000 |
| 2 | CS2 BLANK | 002 | 1.000000 | 1.000000 |
| 3 | WG39578-2 | 003 | 1.500000 | 1.000000 |
| 4 | WG39578-3,IH13226,6171 | 004 | 1.000000 | 1.000000 |
| 5 | WG39578-4,IH13226,231 | 005 | 1.000000 | 1.000000 |
| 6 | L79290-1A,WG39578,STD2BADGE | 006 | 1.500000 | 1.000000 |
| 7 | L79290-1B,WG39578,STD2BADGE | 007 | 1.500000 | 1.000000 |
| 8 | L79290-2A,WG39578,STD2BADGE | 008 | 1.500000 | 1.000000 |
| 9 | L79290-2B,WG39578,STD2BADGE | 009 | 1.500000 | 1.000000 |
| 10 | L79291-1A,WG39578,STD2TUBE | 010 | 1.000000 | 1.000000 |
| 11 | L79291-1B,WG39578,STD2TUBE | 011 | 1.000000 | 1.000000 |
| 12 | L79291-2A,WG39578,STD2TUBE | 012 | 1.000000 | 1.000000 |
| 13 | L79291-2B,WG39578,STD2TUBE | 013 | 1.000000 | 1.000000 |
| 14 | L79291-3A,WG39578,STD2TUBE | 014 | 1.000000 | 1.000000 |
| 15 | L79291-3B,WG39578,STD2TUBE | 015 | 1.000000 | 1.000000 |
| 16 | WG39578-5,IH13226,231 | 016 | 1.000000 | 1.000000 |
| 17 | L79291-4A,WG39578,STD2TUBE | 017 | 1.000000 | 1.000000 |
| 18 | L79291-4B,WG39578,STD2TUBE | 018 | 1.000000 | 1.000000 |
| 19 | L79291-5A,WG39578,STD2TUBE | 019 | 1.000000 | 1.000000 |
| 20 | L79291-5B,WG39578,STD2TUBE | 020 | 1.000000 | 1.000000 |
| 21 | L79291-6A,WG39578,STD2TUBE | 021 | 1.000000 | 1.000000 |
| 22 | L79291-6B,WG39578,STD2TUBE | 022 | 1.000000 | 1.000000 |
| 23 | L79291-7A,WG39578,STD2TUBE | 023 | 1.000000 | 1.000000 |
| 24 | L79291-7B,WG39578,STD2TUBE | 024 | 1.000000 | 1.000000 |
| 25 | L79291-8A,WG39578,STD2TUBE | 025 | 1.000000 | 1.000000 |
| 26 | L79291-8B,WG39578,STD2TUBE | 026 | 1.000000 | 1.000000 |
| 27 | WG39578-6,IH13226,561 | 027 | 1.000000 | 1.000000 |
| 28 | L79291-9A,WG39578,STD2TUBE | 028 | 1.000000 | 1.000000 |
| 29 | L79291-9B,WG39578,STD2TUBE | 029 | 1.000000 | 1.000000 |
| 30 | L79291-10A,WG39578,STD2TUBE | 030 | 1.000000 | 1.000000 |
| 31 | L79291-10B,WG39578,STD2TUBE | 031 | 1.000000 | 1.000000 |
| 32 | L79291-11A,WG39578,STD2TUBE | 032 | 1.000000 | 1.000000 |
| 33 | L79291-11B,WG39578,STD2TUBE | 033 | 1.000000 | 1.000000 |
| 34 | L79291-12A,WG39578,STD2TUBE | 034 | 1.000000 | 1.000000 |
| 35 | L79291-12B,WG39578,STD2TUBE | 035 | 1.000000 | 1.000000 |
| 36 | L79291-13A,WG39578,STD2TUBE | 036 | 1.000000 | 1.000000 |
| 37 | L79291-13B,WG39578,STD2TUBE | 037 | 1.000000 | 1.000000 |
| 38 | WG39578-7,IH13226,561 | 038 | 1.000000 | 1.000000 |
| 39 | L79291-14A,WG39578,STD2TUBE | 039 | 1.000000 | 1.000000 |
| 40 | L79291-14B,WG39578,STD2TUBE | 040 | 1.000000 | 1.000000 |
| 41 | L79291-15A,WG39578,STD2TUBE | 041 | 1.000000 | 1.000000 |
| 42 | L79291-15B,WG39578,STD2TUBE | 042 | 1.000000 | 1.000000 |
| 43 | L79291-16A,WG39578,STD2TUBE | 043 | 1.000000 | 1.000000 |
| 44 | L79291-16B,WG39578,STD2TUBE | 044 | 1.000000 | 1.000000 |
| 45 | L79291-17A,WG39578,STD2TUBE | 045 | 1.000000 | 1.000000 |
| 46 | L79291-17B,WG39578,STD2TUBE | 046 | 1.000000 | 1.000000 |
| 47 | L79291-18A,WG39578,STD2TUBE | 047 | 1.000000 | 1.000000 |
| 48 | L79291-18B,WG39578,STD2TUBE | 048 | 1.000000 | 1.000000 |
| 49 | WG39578-8,IH13226,121 | 049 | 1.000000 | 1.000000 |
| 50 | L79291-19A,WG39578,STD2TUBE | 050 | 1.000000 | 1.000000 |
| 51 | L79291-19B,WG39578,STD2TUBE | 051 | 1.000000 | 1.000000 |
| 52 | L79291-20A,WG39578,STD2TUBE | 052 | 1.000000 | 1.000000 |
| 53 | L79291-20B,WG39578,STD2TUBE | 053 | 1.000000 | 1.000000 |
| 54 | L79291-21A,WG39578,STD2TUBE | 054 | 1.000000 | 1.000000 |
| 55 | L79291-21B,WG39578,STD2TUBE | 055 | 1.000000 | 1.000000 |
| 56 | WG39578-9,IH13226,121 | 056 | 1.000000 | 1.000000 |
| 57 | CS2 BLANK | 057 | 1.000000 | 1.000000 |
| 58 | CS2 BLANK | 058 | 1.000000 | 1.000000 |
| 59 | CS2 BLANK | 059 | 1.000000 | 1.000000 |
| 60 | CS2 BLANK | 060 | 1.000000 | 1.000000 |

## Sequence Process Information - Channel A

| Row | Vial | Inst Method | Proc Method | Calib Method | Rpt Fmt File |
|---|---|---|---|---|---|
| 1 | 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 2 | 2 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 3 | 3 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 4 | 4 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 5 | 5 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 6 | 6 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 7 | 7 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 8 | 8 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 9 | 9 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 10 | 10 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 11 | 11 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 12 | 12 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 13 | 13 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 14 | 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 15 | 14 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 16 | 15 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 17 | 16 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 18 | 17 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 19 | 18 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |

2/26/02 4:11:17 PM Sequence: C:\PenExe\TcWS\Hp-6a\022602.seq

## Sequence Process Information - Channel A

| Row | Vial | Inst Method | Proc Method | Calib Method | Rpt Fmt File |
|---|---|---|---|---|---|
| 20 | 19 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 21 | 20 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 22 | 21 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 23 | 22 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 24 | 23 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 25 | 24 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 26 | 25 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 27 | 15 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 28 | 26 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 29 | 27 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 30 | 28 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 31 | 29 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 32 | 30 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 33 | 31 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 34 | 32 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 35 | 33 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 36 | 34 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 37 | 35 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 38 | 36 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 39 | 37 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 40 | 38 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 41 | 39 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 42 | 40 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 43 | 41 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 44 | 42 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 45 | 43 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 46 | 44 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 47 | 45 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 48 | 46 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 49 | 36 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 50 | 47 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 51 | 48 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 52 | 49 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 53 | 50 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 54 | 51 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 55 | 52 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 56 | 53 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 57 | 54 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 58 | 55 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 59 | 56 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |
| 60 | 57 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | I:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6a\hp#6a rtx 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 |

| Row | Raw Data File |
|---|---|
| 1 | C:\PenExe\TcWS\HP-6A\022602A001 |
| 2 | C:\PenExe\TcWS\HP-6A\022602A002 |
| 3 | C:\PenExe\TcWS\HP-6A\022602A003 |
| 4 | C:\PenExe\TcWS\HP-6A\022602A004 |
| 5 | C:\PenExe\TcWS\HP-6A\022602A005 |
| 6 | C:\PenExe\TcWS\HP-6A\022602A006 |
| 7 | C:\PenExe\TcWS\HP-6A\022602A007 |
| 8 | C:\PenExe\TcWS\HP-6A\022602A008 |
| 9 | C:\PenExe\TcWS\HP-6A\022602A009 |
| 10 | C:\PenExe\TcWS\HP-6A\022602A010 |
| 11 | C:\PenExe\TcWS\HP-6A\022602A011 |
| 12 | C:\PenExe\TcWS\HP-6A\022602A012 |
| 13 | C:\PenExe\TcWS\HP-6A\022602A013 |
| 14 | C:\PenExe\TcWS\HP-6A\022602A014 |
| 15 | C:\PenExe\TcWS\HP-6A\022602A015 |
| 16 | C:\PenExe\TcWS\HP-6A\022602A016 |
| 17 | C:\PenExe\TcWS\HP-6A\022602A017 |
| 18 | C:\PenExe\TcWS\HP-6A\022602A018 |
| 19 | C:\PenExe\TcWS\HP-6A\022602A019 |
| 20 | C:\PenExe\TcWS\HP-6A\022602A020 |
| 21 | C:\PenExe\TcWS\HP-6A\022602A021 |
| 22 | C:\PenExe\TcWS\HP-6A\022602A022 |
| 23 | C:\PenExe\TcWS\HP-6A\022602A023 |
| 24 | C:\PenExe\TcWS\HP-6A\022602A024 |
| 25 | C:\PenExe\TcWS\HP-6A\022602A025 |
| 26 | C:\PenExe\TcWS\HP-6A\022602A026 |
| 27 | C:\PenExe\TcWS\HP-6A\022602A027 |
| 28 | C:\PenExe\TcWS\HP-6A\022602A028 |
| 29 | C:\PenExe\TcWS\HP-6A\022602A029 |
| 30 | C:\PenExe\TcWS\HP-6A\022602A030 |
| 31 | C:\PenExe\TcWS\HP-6A\022602A031 |
| 32 | C:\PenExe\TcWS\HP-6A\022602A032 |
| 33 | C:\PenExe\TcWS\HP-6A\022602A033 |
| 34 | C:\PenExe\TcWS\HP-6A\022602A034 |
| 35 | C:\PenExe\TcWS\HP-6A\022602A035 |
| 36 | C:\PenExe\TcWS\HP-6A\022602A036 |
| 37 | C:\PenExe\TcWS\HP-6A\022602A037 |
| 38 | C:\PenExe\TcWS\HP-6A\022602A038 |
| 39 | C:\PenExe\TcWS\HP-6A\022602A039 |
| 40 | C:\PenExe\TcWS\HP-6A\022602A040 |

2/26/02 4:11:17 PM Sequence: C:\PenExe\TcWS\Hp-6a\022602.seq

## Sequence Process Information - Channel A

| Row | Raw Data File |
|---|---|
| 41 | C:\PenExe\TcWS\HP-6A\022602A041 |
| 42 | C:\PenExe\TcWS\HP-6A\022602A042 |
| 43 | C:\PenExe\TcWS\HP-6A\022602A043 |
| 44 | C:\PenExe\TcWS\HP-6A\022602A044 |
| 45 | C:\PenExe\TcWS\HP-6A\022602A045 |
| 46 | C:\PenExe\TcWS\HP-6A\022602A046 |
| 47 | C:\PenExe\TcWS\HP-6A\022602A047 |
| 48 | C:\PenExe\TcWS\HP-6A\022602A048 |
| 49 | C:\PenExe\TcWS\HP-6A\022602A049 |
| 50 | C:\PenExe\TcWS\HP-6A\022602A050 |
| 51 | C:\PenExe\TcWS\HP-6A\022602A051 |
| 52 | C:\PenExe\TcWS\HP-6A\022602A052 |
| 53 | C:\PenExe\TcWS\HP-6A\022602A053 |
| 54 | C:\PenExe\TcWS\HP-6A\022602A054 |
| 55 | C:\PenExe\TcWS\HP-6A\022602A055 |
| 56 | C:\PenExe\TcWS\HP-6A\022602A056 |
| 57 | C:\PenExe\TcWS\HP-6A\022602A057 |
| 58 | C:\PenExe\TcWS\HP-6A\022602A058 |
| 59 | C:\PenExe\TcWS\HP-6A\022602A059 |
| 60 | C:\PenExe\TcWS\HP-6A\022602A060 |

## Sequence Process Information - Channel B

| Row | Vial | Inst Method | Proc Method | Calib Method | Rpt Fmt File |
|---|---|---|---|---|---|
| 1 | 2 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 2 | 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 3 | 51 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 4 | 52 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 5 | 53 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 6 | 54 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 7 | 55 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 8 | 56 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 9 | 57 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 10 | 58 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 11 | 59 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 12 | 60 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 13 | 61 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 14 | 62 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 15 | 63 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 16 | 53 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 17 | 64 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 18 | 65 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 19 | 66 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 20 | 67 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 21 | 68 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 22 | 69 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 23 | 70 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 24 | 71 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 25 | 72 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 26 | 73 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 27 | 74 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 28 | 75 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 29 | 76 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 30 | 77 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 31 | 78 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 32 | 79 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 33 | 80 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 34 | 81 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 35 | 82 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 36 | 83 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 37 | 84 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 38 | 74 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 39 | 85 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 40 | 86 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 41 | 87 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 42 | 88 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 43 | 89 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 44 | 90 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 45 | 91 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 46 | 92 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 47 | 93 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 48 | 94 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 49 | 95 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 50 | 96 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 51 | 97 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 52 | 98 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 53 | 99 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 54 | 100 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 55 | 1 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 56 | 95 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 57 | 2 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 58 | 2 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 59 | 2 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |
| 60 | 2 | c:\penexe\tcws\hp-6a\hp#6a rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | C:\penexe\tcws\hp-6b\hp#6b rtx 1 | c:\penexe\tcws\hp-6b\hp#6b rtx 1 |

2/26/02 4:11:17 PM Sequence: C:\PenExe\TcWS\Hp-6a\022602.seq

## Sequence Process Information - Channel B

| Row | Raw Data File |
|---|---|
| 1 | C:\PenExe\TcWS\Hp-6b\022602B001 |
| 2 | C:\PenExe\TcWS\Hp-6b\022602B002 |
| 3 | C:\PenExe\TcWS\Hp-6b\022602B003 |
| 4 | C:\PenExe\TcWS\Hp-6b\022602B004 |
| 5 | C:\PenExe\TcWS\Hp-6b\022602B005 |
| 6 | C:\PenExe\TcWS\Hp-6b\022602B006 |
| 7 | C:\PenExe\TcWS\Hp-6b\022602B007 |
| 8 | C:\PenExe\TcWS\Hp-6b\022602B008 |
| 9 | C:\PenExe\TcWS\Hp-6b\022602B009 |
| 10 | C:\PenExe\TcWS\Hp-6b\022602B010 |
| 11 | C:\PenExe\TcWS\Hp-6b\022602B011 |
| 12 | C:\PenExe\TcWS\Hp-6b\022602B012 |
| 13 | C:\PenExe\TcWS\Hp-6b\022602B013 |
| 14 | C:\PenExe\TcWS\Hp-6b\022602B014 |
| 15 | C:\PenExe\TcWS\Hp-6b\022602B015 |
| 16 | C:\PenExe\TcWS\Hp-6b\022602B016 |
| 17 | C:\PenExe\TcWS\Hp-6b\022602B017 |
| 18 | C:\PenExe\TcWS\Hp-6b\022602B018 |
| 19 | C:\PenExe\TcWS\Hp-6b\022602B019 |
| 20 | C:\PenExe\TcWS\Hp-6b\022602B020 |
| 21 | C:\PenExe\TcWS\Hp-6b\022602B021 |
| 22 | C:\PenExe\TcWS\Hp-6b\022602B022 |
| 23 | C:\PenExe\TcWS\Hp-6b\022602B023 |
| 24 | C:\PenExe\TcWS\Hp-6b\022602B024 |
| 25 | C:\PenExe\TcWS\Hp-6b\022602B025 |
| 26 | C:\PenExe\TcWS\Hp-6b\022602B026 |
| 27 | C:\PenExe\TcWS\Hp-6b\022602B027 |
| 28 | C:\PenExe\TcWS\Hp-6b\022602B028 |
| 29 | C:\PenExe\TcWS\Hp-6b\022602B029 |
| 30 | C:\PenExe\TcWS\Hp-6b\022602B030 |
| 31 | C:\PenExe\TcWS\Hp-6b\022602B031 |
| 32 | C:\PenExe\TcWS\Hp-6b\022602B032 |
| 33 | C:\PenExe\TcWS\Hp-6b\022602B033 |
| 34 | C:\PenExe\TcWS\Hp-6b\022602B034 |
| 35 | C:\PenExe\TcWS\Hp-6b\022602B035 |
| 36 | C:\PenExe\TcWS\Hp-6b\022602B036 |
| 37 | C:\PenExe\TcWS\Hp-6b\022602B037 |
| 38 | C:\PenExe\TcWS\Hp-6b\022602B038 |
| 39 | C:\PenExe\TcWS\Hp-6b\022602B039 |
| 40 | C:\PenExe\TcWS\Hp-6b\022602B040 |
| 41 | C:\PenExe\TcWS\Hp-6b\022602B041 |
| 42 | C:\PenExe\TcWS\Hp-6b\022602B042 |
| 43 | C:\PenExe\TcWS\Hp-6b\022602B043 |
| 44 | C:\PenExe\TcWS\Hp-6b\022602B044 |
| 45 | C:\PenExe\TcWS\Hp-6b\022602B045 |
| 46 | C:\PenExe\TcWS\Hp-6b\022602B046 |
| 47 | C:\PenExe\TcWS\Hp-6b\022602B047 |
| 48 | C:\PenExe\TcWS\Hp-6b\022602B048 |
| 49 | C:\PenExe\TcWS\Hp-6b\022602B049 |
| 50 | C:\PenExe\TcWS\Hp-6b\022602B050 |
| 51 | C:\PenExe\TcWS\Hp-6b\022602B051 |
| 52 | C:\PenExe\TcWS\Hp-6b\022602B052 |
| 53 | C:\PenExe\TcWS\Hp-6b\022602B053 |
| 54 | C:\PenExe\TcWS\Hp-6b\022602B054 |
| 55 | C:\PenExe\TcWS\Hp-6b\022602B055 |
| 56 | C:\PenExe\TcWS\Hp-6b\022602B056 |
| 57 | C:\PenExe\TcWS\Hp-6b\022602B057 |
| 58 | C:\PenExe\TcWS\Hp-6b\022602B058 |
| 59 | C:\PenExe\TcWS\Hp-6b\022602B059 |
| 60 | C:\PenExe\TcWS\Hp-6b\022602B060 |

Turbochrom Sequence File C:\PenExe\TcWS\Hp-2\022602.seq
Printed by : manager on: 3/1/02 3:16:53 PM
Created by : manager on: 2/26/02 8:41:13 AM
Edited by : manager on: 2/26/02 8:51:51 AM
Number of Times Edited : 1
Description:

Sequence File Header Information:
Number of Rows : 81
Instrument Type : HP5890A GC with HP7673A Autosampler
Injection Type : SINGLE

Sequence Sample Descriptions - Channel A

| Row | Name | Number | Sample Amt |
|---|---|---|---|
| 1 | CS2 BLANK | 01 | 1.000000 |
| 2 | WG39545-18,IH12898,21 | 02 | 1.000000 |
| 3 | WG39545-19,IH13005,21 | 03 | 1.000000 |
| 4 | WG39545-20,IH13364,21 | 04 | 1.000000 |
| 5 | WG39545-21,IH12434,21 | 05 | 1.000000 |
| 6 | L79047-1A,WG39545,STD2TUBE | 06 | 1.000000 |
| 7 | L79047-2A,WG39545,STD2TUBE | 07 | 1.000000 |
| 8 | L79047-3A,WG39545,STD2TUBE | 08 | 1.000000 |
| 9 | L79047-4A,WG39545,STD2TUBE | 09 | 1.000000 |
| 10 | L79047-5A,WG39545,STD2TUBE | 10 | 1.000000 |
| 11 | L79047-6A,WG39545,STD2TUBE | 11 | 1.000000 |
| 12 | L79047-7A,WG39545,STD2TUBE | 12 | 1.000000 |
| 13 | L79047-8A,WG39545,STD2TUBE | 13 | 1.000000 |
| 14 | L79047-9A,WG39545,STD2TUBE | 14 | 1.000000 |
| 15 | L79047-10A,WG39545,STD2TUBE | 15 | 1.000000 |
| 16 | WG39545-22,IH12898,11 | 16 | 1.000000 |
| 17 | WG39545-23,IH13005,11 | 17 | 1.000000 |
| 18 | WG39545-24,IH13364,11 | 18 | 1.000000 |
| 19 | WG39545-25,IH12434,11 | 19 | 1.000000 |
| 20 | L79047-11A,WG39545,STD2TUBE | 20 | 1.000000 |
| 21 | L79047-12A,WG39545,STD2TUBE | 21 | 1.000000 |
| 22 | L79047-13A,WG39545,STD2TUBE | 22 | 1.000000 |
| 23 | L79047-14A,WG39545,STD2TUBE | 23 | 1.000000 |
| 24 | L79047-15A,WG39545,STD2TUBE | 24 | 1.000000 |
| 25 | L79047-16A,WG39545,STD2TUBE | 25 | 1.000000 |
| 26 | L79047-17A,WG39545,STD2TUBE | 26 | 1.000000 |
| 27 | L79047-18A,WG39545,STD2TUBE | 27 | 1.000000 |
| 28 | L79047-19A,WG39545,STD2TUBE | 28 | 1.000000 |
| 29 | L79047-20A,WG39545,STD2TUBE | 29 | 1.000000 |
| 30 | WG39555-5,IH12898,21 | 30 | 1.000000 |
| 31 | WG39555-6,IH13081,21 | 31 | 1.000000 |
| 32 | WG39555-7,IH13084,21 | 32 | 1.000000 |
| 33 | WG39555-8,IH13086,21 | 33 | 1.000000 |
| 34 | L79225-1A,WG39555,STD2TUBE | 34 | 1.000000 |
| 35 | L79225-1B,WG39555,STD2TUBE | 35 | 1.000000 |
| 36 | L79225-2A,WG39555,STD2TUBE | 36 | 1.000000 |
| 37 | L79225-2B,WG39555,STD2TUBE | 37 | 1.000000 |
| 38 | WG39555-9,IH12898,11 | 38 | 1.000000 |
| 39 | WG39555-10,IH13081,11 | 39 | 1.000000 |
| 40 | WG39555-11,IH13084,11 | 40 | 1.000000 |
| 41 | WG39555-12,IH13086,11 | 41 | 1.000000 |
| 42 | WG39545-26,IH12898,21 | 42 | 1.000000 |
| 43 | WG39545-27,IH13005,21 | 43 | 1.000000 |
| 44 | WG39545-28,IH13364,21 | 44 | 1.000000 |
| 45 | WG39545-29,IH12434,21 | 45 | 1.000000 |
| 46 | L79047-1B,WG39545,STD2TUBE | 46 | 1.000000 |
| 47 | L79047-2B,WG39545,STD2TUBE | 47 | 1.000000 |
| 48 | L79047-3B,WG39545,STD2TUBE | 48 | 1.000000 |
| 49 | L79047-4B,WG39545,STD2TUBE | 49 | 1.000000 |
| 50 | L79047-5B,WG39545,STD2TUBE | 50 | 1.000000 |
| 51 | L79047-6B,WG39545,STD2TUBE | 51 | 1.000000 |
| 52 | L79047-7B,WG39545,STD2TUBE | 52 | 1.000000 |
| 53 | L79047-8B,WG39545,STD2TUBE | 53 | 1.000000 |
| 54 | L79047-9B,WG39545,STD2TUBE | 54 | 1.000000 |
| 55 | L79047-10B,WG39545,STD2TUBE | 55 | 1.000000 |
| 56 | WG39545-30,IH12898,11 | 56 | 1.000000 |
| 57 | WG39545-31,IH13005,11 | 57 | 1.000000 |
| 58 | WG39545-32,IH13364,11 | 58 | 1.000000 |
| 59 | WG39545-33,IH12434,11 | 59 | 1.000000 |
| 60 | L79047-11B,WG39545,STD2TUBE | 60 | 1.000000 |
| 61 | L79047-12B,WG39545,STD2TUBE | 61 | 1.000000 |
| 62 | L79047-13B,WG39545,STD2TUBE | 62 | 1.000000 |

HP2

ALL OTHER COMPOUNDS ON FID.

3/1/02 3:16:53 PM Sequence: C:\PenExe\TcWS\Hp-2\022602.seq

## Sequence Sample Descriptions - Channel A

| Row | Name | Number | Sample Amt |
|---|---|---|---|
| 63 | L79047-14B,WG39545,STD2TUBE | 63 | 1.000000 |
| 64 | L79047-15B,WG39545,STD2TUBE | 64 | 1.000000 |
| 65 | L79047-16B,WG39545,STD2TUBE | 65 | 1.000000 |
| 66 | L79047-17B,WG39545,STD2TUBE | 66 | 1.000000 |
| 67 | L79047-18B,WG39545,STD2TUBE | 67 | 1.000000 |
| 68 | L79047-19B,WG39545,STD2TUBE | 68 | 1.000000 |
| 69 | L79047-20B,WG39545,STD2TUBE | 69 | 1.000000 |
| 70 | WG39545-38,IH12434,40 | 70 | 1.000000 |
| 71 | WG39545-39,IH12434,40 | 71 | 1.000000 |
| 72 | WG39545-34,IH12898,21 | 72 | 1.000000 |
| 73 | WG39545-35,IH13005,21 | 73 | 1.000000 |
| 74 | WG39545-36,IH13364,21 | 74 | 1.000000 |
| 75 | WG39545-37,IH12434,21 | 75 | 1.000000 |
| 76 | WG39545-14,IH12898,561 | 76 | 1.000000 |
| 77 | WG39545-15,IH13005,561 | 77 | 1.000000 |
| 78 | WG39545-16,IH13364,561 | 78 | 1.000000 |
| 79 | WG39545-17,IH12434,561 | 79 | 1.000000 |
| 80 | WG39545-12 | 80 | 1.000000 |
| 81 | WG39545-13 | 81 | 1.000000 |

## Sequence Process Information - Channel A

| Row | Site | Vial | Inst Method | Rpt Fmt File | Raw Data File |
|---|---|---|---|---|---|
| 1 | A | 1 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A001 |
| 2 | A | 2 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A002 |
| 3 | A | 3 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A003 |
| 4 | A | 4 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A004 |
| 5 | A | 5 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A005 |
| 6 | A | 6 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A006 |
| 7 | A | 7 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A007 |
| 8 | A | 8 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A008 |
| 9 | A | 9 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A009 |
| 10 | A | 10 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A010 |
| 11 | A | 11 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A011 |
| 12 | A | 12 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A012 |
| 13 | A | 13 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A013 |
| 14 | A | 14 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A014 |
| 15 | A | 15 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A015 |
| 16 | A | 16 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A016 |
| 17 | A | 17 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A017 |
| 18 | A | 18 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A018 |
| 19 | A | 19 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A019 |
| 20 | A | 20 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A020 |
| 21 | A | 21 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A021 |
| 22 | A | 22 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A022 |
| 23 | A | 23 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A023 |
| 24 | A | 24 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A024 |
| 25 | A | 25 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A025 |
| 26 | A | 26 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A026 |
| 27 | A | 27 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A027 |
| 28 | A | 28 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A028 |
| 29 | A | 29 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A029 |
| 30 | A | 30 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A030 |
| 31 | A | 31 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A031 |
| 32 | A | 32 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A032 |
| 33 | A | 33 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A033 |
| 34 | A | 34 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A034 |
| 35 | A | 35 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A035 |
| 36 | A | 36 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A036 |
| 37 | A | 37 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A037 |
| 38 | A | 38 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A038 |
| 39 | A | 39 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A039 |
| 40 | A | 40 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A040 |
| 41 | A | 41 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A041 |
| 42 | A | 42 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A042 |
| 43 | A | 43 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A043 |
| 44 | A | 44 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A044 |
| 45 | A | 45 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A045 |
| 46 | A | 46 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A046 |
| 47 | A | 47 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A047 |
| 48 | A | 48 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A048 |
| 49 | A | 49 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A049 |
| 50 | A | 50 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A050 |
| 51 | A | 51 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A051 |
| 52 | A | 52 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A052 |
| 53 | A | 53 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A053 |
| 54 | A | 54 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A054 |
| 55 | A | 55 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A055 |
| 56 | A | 56 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A056 |
| 57 | A | 57 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A057 |
| 58 | A | 58 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A058 |
| 59 | A | 59 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A059 |
| 60 | A | 60 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A060 |

3/1/02 3:16:53 PM Sequence: C:\PenExe\TcWS\Hp-2\022602.seq

## Sequence Process Information - Channel A

| Row | Site | Vial | Inst Method | Rpt Fmt File | Raw Data File |
|---|---|---|---|---|---|
| 61 | A | 61 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A061 |
| 62 | A | 62 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A062 |
| 63 | A | 63 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A063 |
| 64 | A | 64 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A064 |
| 65 | A | 65 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A065 |
| 66 | A | 66 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A066 |
| 67 | A | 67 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A067 |
| 68 | A | 68 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A068 |
| 69 | A | 69 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A069 |
| 70 | A | 70 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A070 |
| 71 | A | 70 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A071 |
| 72 | A | 71 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A072 |
| 73 | A | 72 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A073 |
| 74 | A | 73 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A074 |
| 75 | A | 74 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A075 |
| 76 | A | 75 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A076 |
| 77 | A | 76 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A077 |
| 78 | A | 77 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A078 |
| 79 | A | 78 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A079 |
| 80 | A | 79 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A080 |
| 81 | A | 80 | c:\penexe\tcws\hp-2\hp#2 orgprof | c:\penexe\tcws\hp-2\hp#2 orgprof | C:\PenExe\TcWS\Hp-2\022602A081 |

# SAMPLE RAW DATA

| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:34:11 PM |
| Operator | : manager | Sample Name | : L79047-1A,WG39545,STD2TUBE |
| Sample Number | : 017 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/16 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 10:15:24 PM | Cycle | : 17 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A017.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A017.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A017.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.98 | 9977 | 1000000 | 0.01 | 1.0 | 1 | 0.0100 | |
| IG-AT | 1.11 | 4562 | 333 | 13.70 | 1.0 | 1 | 13.7002 | |
| | 1.18 | 3383 | 1000000 | 0.00 | 1.0 | 1 | 0.0034 | |
| CS2 | 1.33 | 169501 | 51656 | 3.28 | 1.0 | 1 | 3.2813 | |
| IG-MEK | 1.52 | 3443 | 373 | 9.23 | 1.0 | 1 | 9.2309 | |
| | 1.62 | 1270 | 1000000 | 0.00 | 1.0 | 1 | 0.0013 | |
| IG-NHX | 1.74 | 1203 | 668 | 1.80 | 1.0 | 1 | 1.8010 | |
| | 1.86 | 265 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 1.99 | 737 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 | |
| IG-BZ | 2.25 | 1094 | 691 | 1.58 | 1.0 | 1 | 1.5832 | <DL |
| | 2.36 | 338 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 2.47 | 336 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 2.59 | 310 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| IG-TCLETE | 2.79 | 335 | 163 | 2.05 | 1.0 | 1 | 2.0523 | <DL |
| | 3.01 | 640 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | |
| | 3.41 | 574 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | |
| IG-TL | 4.12 | 614 | 708 | 0.87 | 1.0 | 1 | 0.8671 | <DL |
| IG-TETCLETE | 5.07 | 378 | 135 | 2.80 | 1.0 | 1 | 2.7991 | |

VNTL/ETBZ<DL

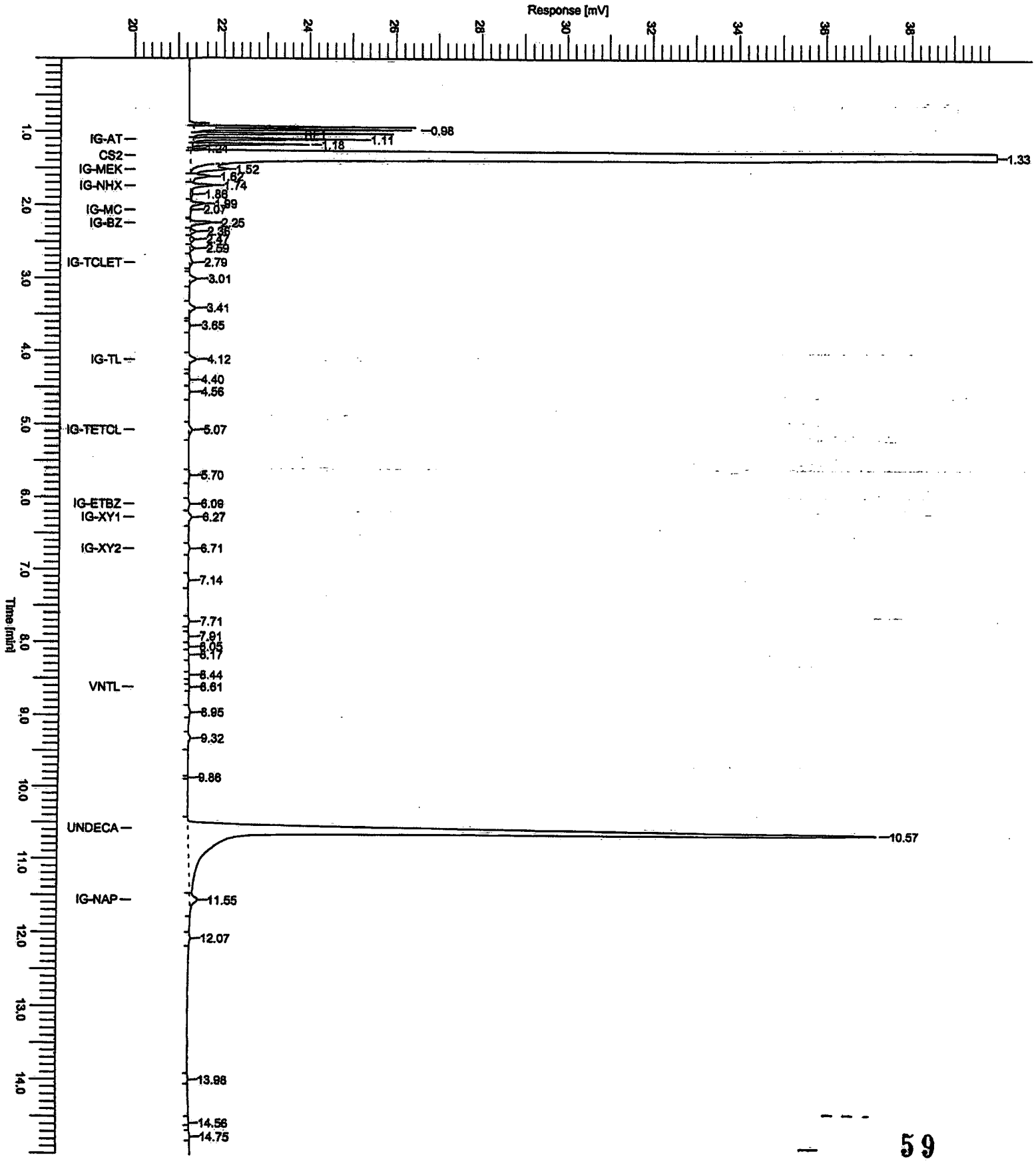
2/27/02 3:34:11 PM Result: C:\PenExe\TcWS\HP-6A\022602A017.rst

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| IG-XY | 6.27 | 432 | 584 | 0.74 | 1.0 | 1 | 0.7403 | <DL |
| | 9.32 | 261 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| Undecane | 10.57 | 89836 | 28413 | 3.16 | 1.0 | 1 | 3.1618 | |
| IG-NAP | 11.55 | 1177 | 754 | 1.56 | 1.0 | 1 | 1.5613 | <DL |
| | | 290666 | | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A017.TX0

# Chromatogram

Sample Name : L79047-1A,WG395-45,STD2TUBE  Sample #: 017  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A017.raw
Date : 2/27/02 3:34:15 PM
Method : hp#6a rtx 1  Time of Injection: 2/26/02 10:15:24 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:34:16 PM |
| Operator | : manager | Sample Name | : L79047-1B,WG39545,STD2TUBE |
| Sample Number | : 018 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/17 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 10:37:57 PM | Cycle | : 18 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A018.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A018.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A018.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

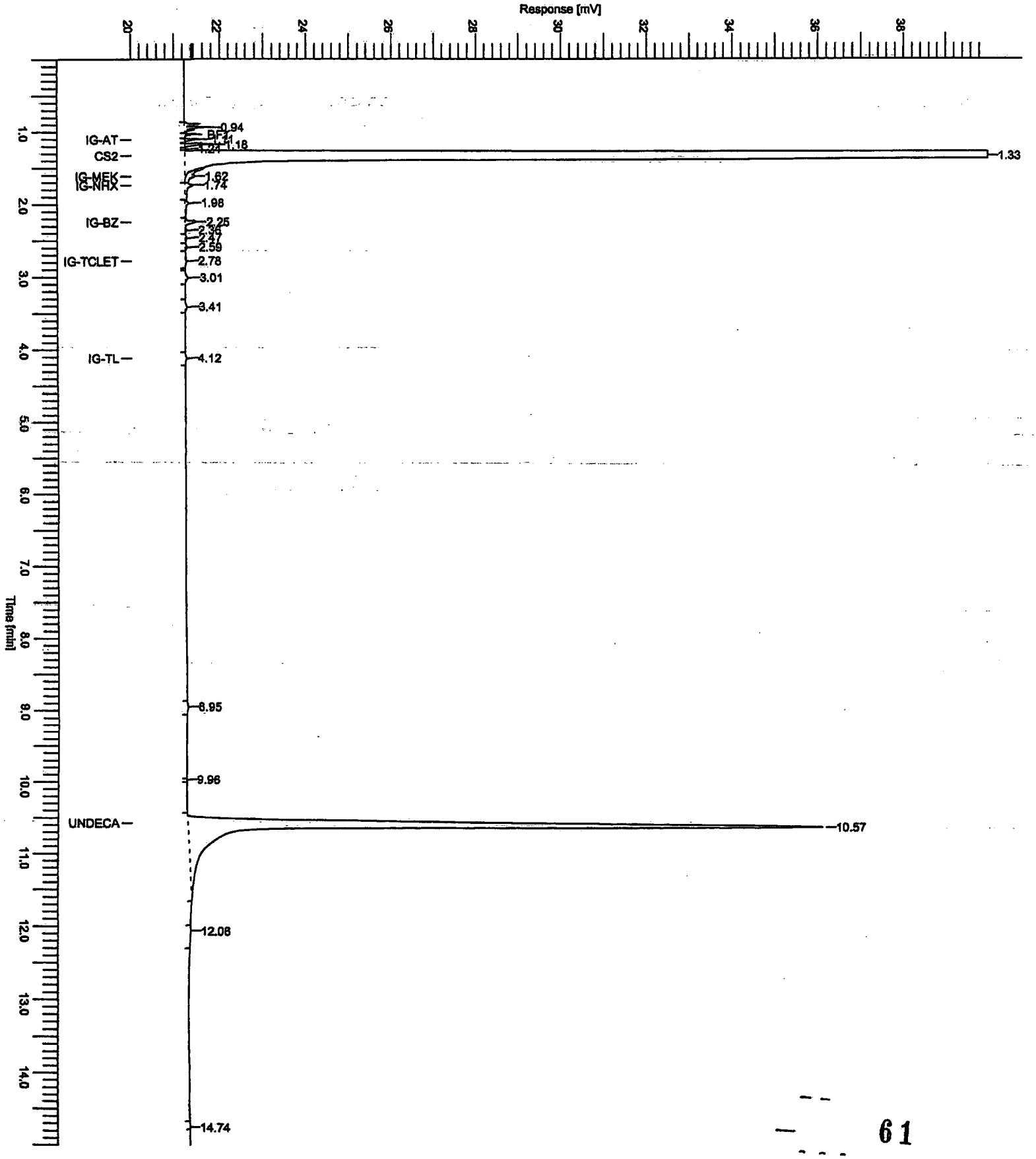
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.94 | 1209 | 1000000 | 0.00 | 1.0 | 1 | 0.0012 | |
| IG-AT | 1.11 | 364 | 333 | 1.09 | 1.0 | 1 | 1.0931 | |
| | 1.18 | 806 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 | |
| CS2 | 1.33 | 172078 | 51656 | 3.33 | 1.0 | 1 | 3.3312 | |
| IG-MEK | 1.62 | 1311 | 373 | 3.51 | 1.0 | 1 | 3.5143 | |
| IG-NHX | 1.74 | 919 | 668 | 1.38 | 1.0 | 1 | 1.3764 | |
| | 1.98 | 493 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | |
| IG-BZ | 2.25 | 590 | 691 | 0.85 | 1.0 | 1 | 0.8540 | LDL |
| | 3.01 | 215 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | |
| Undecane | 10.57 | 85575 | 28413 | 3.01 | 1.0 | 1 | 3.0118 | |
| | | 263560 | | | | | | |

All LDL

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A018.TX0

# Chromatogram

Sample Name : L79047-1B,WG395-45,STD2TUBE  Sample #: 018  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A018.raw
Date : 2/27/02 3:34:19 PM
Method : hp#6a rtx 1  Time of Injection: 2/26/02 10:37:57 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 4:26:00 PM |
| Operator | : manager | Sample Name | : L79047-1A,WG39545,STD2TUBE |
| Sample Number | : 06 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/6 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 3:04:41 PM | Cycle | : 6 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A006.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A006.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 3.71 | 268 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 3.97 | 651 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 4.35 | 7340 | 1000000 | 0.01 | 1.0 | 1 | 0.0073 |
| | 4.70 | 7068 | 1000000 | 0.01 | 1.0 | 1 | 0.0071 |
| | 4.91 | 170 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 5.82 | 4618 | 1000000 | 0.00 | 1.0 | 1 | 0.0046 |
| IG-ETOH | 5.98 | 7357 | 223 | 32.99 | 1.0 | 1 | 32.9930 |
| | 6.41 | 3277 | 1000000 | 0.00 | 1.0 | 1 | 0.0033 |
| IG-IPROH | 7.03 | 1104 | 329 | 3.35 | 1.0 | 1 | 3.3529 |
| IG-AT | 7.41 | 955 | 318 | 3.00 | 1.0 | 1 | 2.9991 |
| | 8.61 | 1450 | 1000000 | 0.00 | 1.0 | 1 | 0.0015 |
| CS2 | 9.15 | 400649 | 1000000 | 0.40 | 1.0 | 1 | 0.4006 |
| IG-NHX | 10.09 | 958 | 655 | 1.46 | 1.0 | 1 | 1.4633 |
| | 12.34 | 348 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 13.65 | 228 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 14.33 | 244 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-CYHX | 14.81 | 329 | 656 | 0.50 | 1.0 | 1 | 0.5010 |
| IG-12DCLET | 15.94 | 778 | 268 | 2.90 | 1.0 | 1 | 2.9018 |
| IG-BZ | 16.19 | 1449 | 865 | 1.68 | 1.0 | 1 | 1.6754 |
| | 18.96 | 509 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-TL | 24.46 | 726 | 698 | 1.04 | 1.0 | 1 | 1.0407 |

All ND

2/27/02 4:26:00 PM Result:

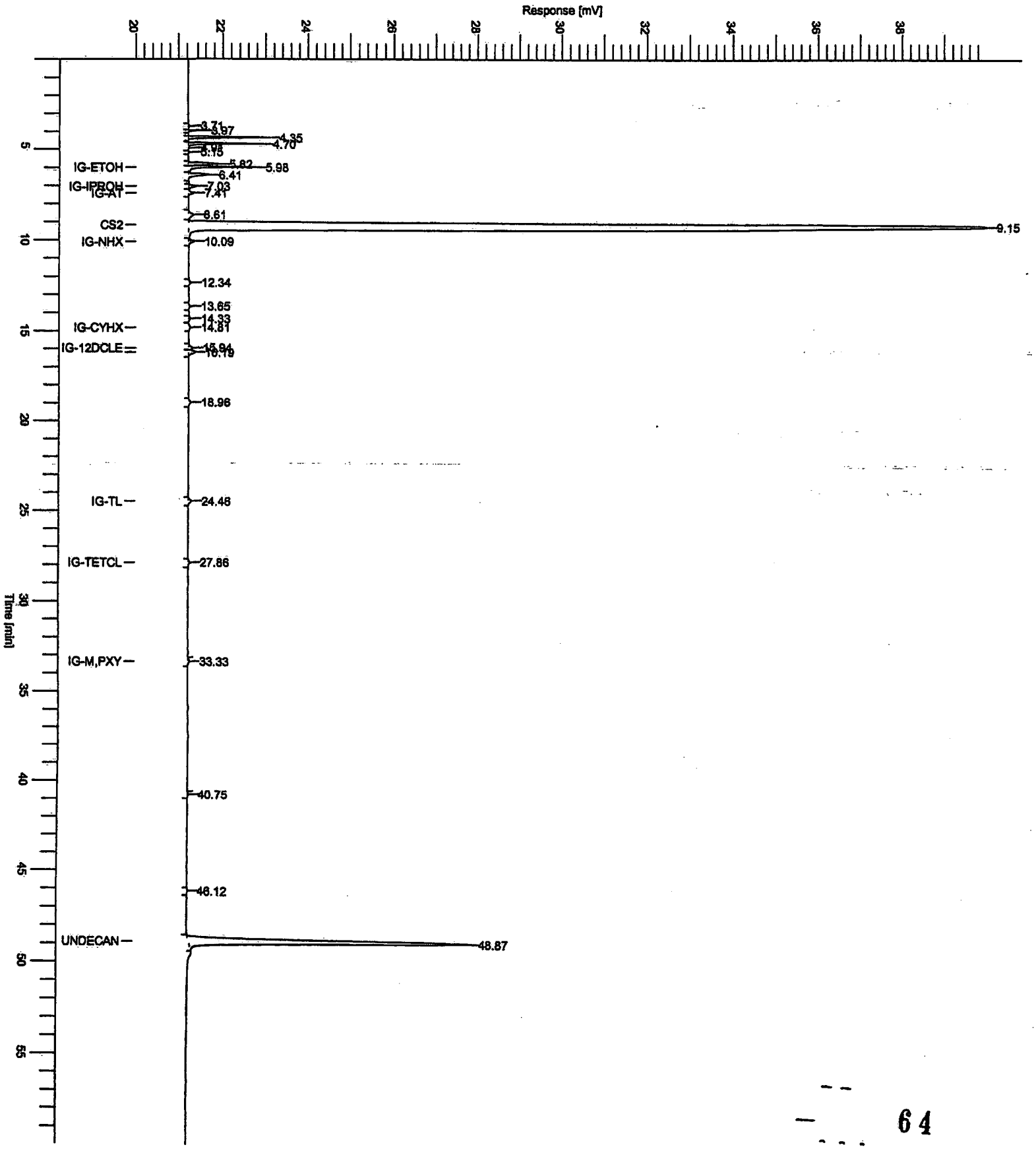
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| IG-TETCLETE | 27.86 | 390 | 137 | 2.84 | 1.0 | 1 | 2.8434 |
| IG-XY | 33.33 | 448 | 674 | 0.67 | 1.0 | 1 | 0.6656 |
| | 40.75 | 185 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 46.12 | 196 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| UNDECANE | 48.87 | 91913 | 3472 | 26.47 | 1.0 | 1 | 26.4711 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A006.TX0

# Chromatogram

Sample Name : L79047-1A,WG395-45,STD2TUBE  Sample #: 06  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A006.raw
Date : 2/27/02 4:26:06 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/26/02 3:04:41 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/28/02 3:47:20 PM |
| Operator | : manager | Sample Name | : L79047-1B,WG39545,STD2TUBE |
| Sample Number | : 46 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/46 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/28/02 12:38:49 PM | Cycle | : 46 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A046.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A046.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A046.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

AllDL

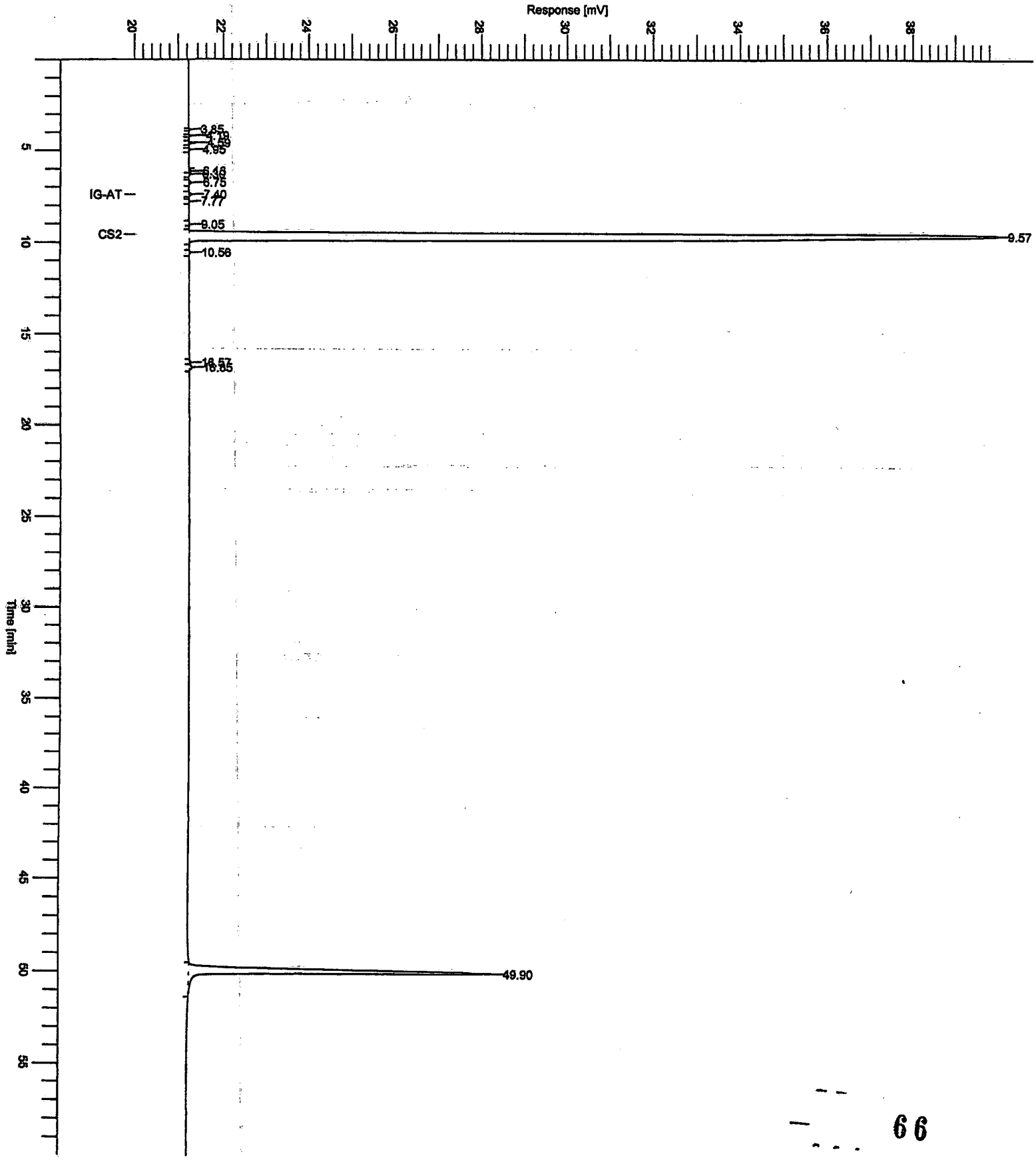
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.19 | 333 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 4.59 | 660 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 4.95 | 222 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 6.13 | 398 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 6.30 | 204 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 6.75 | 456 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-AT | 7.40 | 466 | 318 | 1.46 | 1.0 | 1 | 1.4643 |
| CS2 | 9.57 | 406237 | 1000000 | 0.41 | 1.0 | 1 | 0.4062 |
| | 10.56 | 149 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 16.57 | 226 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 16.85 | 649 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| | 49.90 | 99931 | 1000000 | 0.10 | 1.0 | 1 | 0.0999 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A046.TX0

# Chromatogram

Sample Name : L79047-1B,WG39545,STD2TUBE  Sample #: 46  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A046.raw
Date : 2/28/02 3:47:24 PM
Method : hp#2 orgprof  Time of Injection: 2/28/02 12:38:49 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:34:20 PM |
| Operator | : manager | Sample Name | : L79047-2A,WG39545,STD2TUBE |
| Sample Number | : 019 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/18 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 11:00:34 PM | Cycle | : 19 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A019.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A019.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A019.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.98 | 11029 | 1000000 | 0.01 | 1.0 | 1 | 0.0110 | EtBZ/VNTL<DL |
| IG-AT | 1.11 | 4519 | 333 | 13.57 | 1.0 | 1 | 13.5709 | |
| | 1.18 | 3205 | 1000000 | 0.00 | 1.0 | 1 | 0.0032 | |
| CS2 | 1.33 | 169913 | 51656 | 3.29 | 1.0 | 1 | 3.2893 | |
| IG-MEK | 1.52 | 3298 | 373 | 8.84 | 1.0 | 1 | 8.8413 | |
| | 1.62 | 1204 | 1000000 | 0.00 | 1.0 | 1 | 0.0012 | |
| IG-NHX | 1.74 | 1147 | 668 | 1.72 | 1.0 | 1 | 1.7164 | |
| | 1.86 | 255 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 1.99 | 663 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 | |
| IG-BZ | 2.25 | 1072 | 691 | 1.55 | 1.0 | 1 | 1.5513 | <DL |
| | 2.36 | 318 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 2.47 | 358 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | |
| | 2.59 | 343 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| IG-TCLETE | 2.79 | 342 | 163 | 2.10 | 1.0 | 1 | 2.0986 | <DL |
| | 3.01 | 789 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 | |
| | 3.41 | 599 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | |
| IG-TL | 4.12 | 429 | 708 | 0.61 | 1.0 | 1 | 0.6061 | <DL |

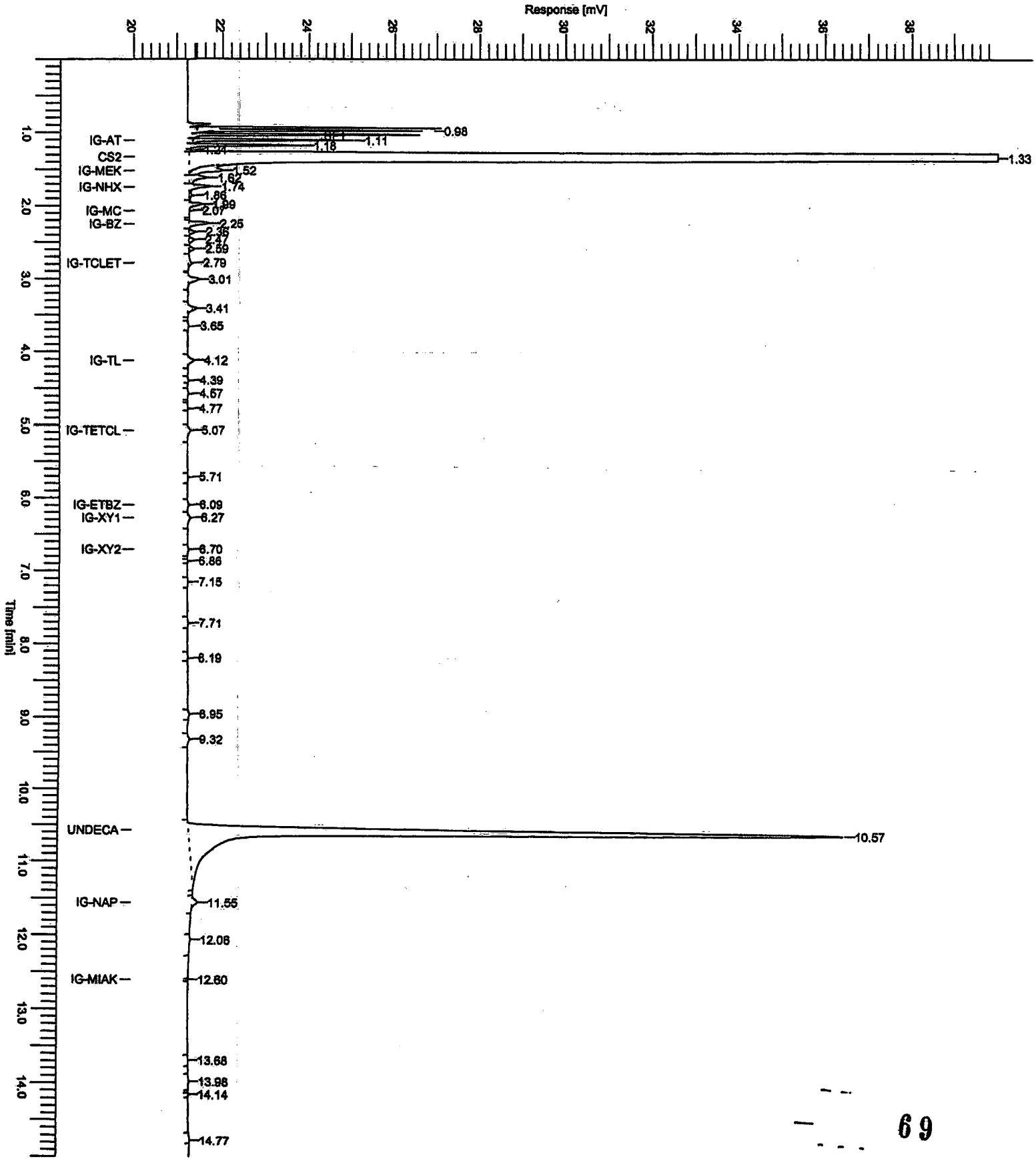
2/27/02 3:34:20 PM Result: C:\PenExe\TcWS\HP-6A\022602A019.rst

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| IG-TETCLETE | 5.07 | 304 | 135 | 2.26 | 1.0 | 1 | 2.2554 | |
| IG-XY | 6.27 | 324 | 584 | 0.56 | 1.0 | 1 | 0.5554 | <DL |
| Undecane | 10.57 | 84328 | 28413 | 2.97 | 1.0 | 1 | 2.9679 | |
| IG-NAP | 11.55 | 666 | 754 | 0.88 | 1.0 | 1 | 0.8837 | <DL |
| | | 285107 | | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A019.TX0

# Chromatogram

Sample Name : L79047-2A,WG395-45,STD2TUBE  Sample #: 019  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A019.raw
Date : 2/27/02 3:34:25 PM
Method : hp#6a rtx 1  Time of Injection: 2/26/02 11:00:34 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:34:26 PM |
| Operator | : manager | Sample Name | : L79047-2B,WG39545,STD2TUBE |
| Sample Number | : 020 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/19 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 11:23:08 PM | Cycle | : 20 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A020.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A020.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A020.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

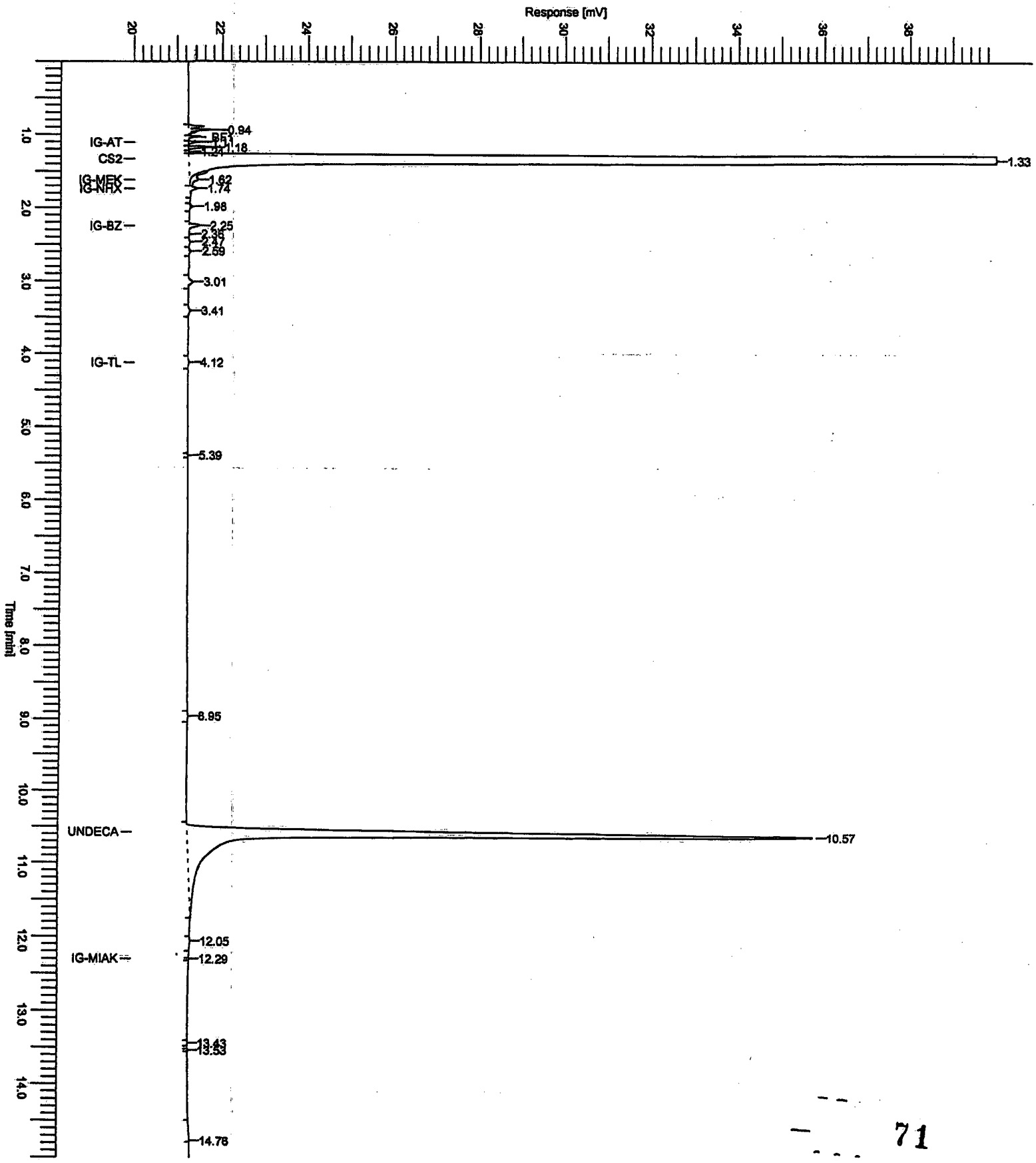
All<DL

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.94 | 1323 | 1000000 | 0.00 | 1.0 | 1 | 0.0013 |
| IG-AT | 1.11 | 295 | 333 | 0.89 | 1.0 | 1 | 0.8865 |
| | 1.18 | 699 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| CS2 | 1.33 | 171515 | 51656 | 3.32 | 1.0 | 1 | 3.3203 |
| IG-MEK | 1.62 | 1106 | 373 | 2.97 | 1.0 | 1 | 2.9656 |
| IG-NHX | 1.74 | 403 | 668 | 0.60 | 1.0 | 1 | 0.6034 |
| IG-BZ | 2.25 | 519 | 691 | 0.75 | 1.0 | 1 | 0.7512 <DL |
| | 3.01 | 353 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| Undecane | 10.57 | 85148 | 28413 | 3.00 | 1.0 | 1 | 2.9967 |
| | | 261361 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A020.TX0

# Chromatogram

Sample Name : L79047-2B,WG39545,STD2TUBE  Sample #: 020  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A020.raw
Date : 2/27/02 3:34:29 PM
Method : hp#6a rtx 1  Time of Injection: 2/26/02 11:23:08 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 4:32:33 PM |
| Operator | : manager | Sample Name | : L79047-2A,WG39545,STD2TUBE |
| Sample Number | : 07 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/7 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 4:11:58 PM | Cycle | : 7 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A007.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A007.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 3.70 | 256 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 3.96 | 736 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 4.34 | 7837 | 1000000 | 0.01 | 1.0 | 1 | 0.0078 |
| | 4.69 | 7354 | 1000000 | 0.01 | 1.0 | 1 | 0.0074 |
| | 4.90 | 177 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 5.81 | 4459 | 1000000 | 0.00 | 1.0 | 1 | 0.0045 |
| IG-ETOH | 5.97 | 7913 | 223 | 35.48 | 1.0 | 1 | 35.4838 |
| | 6.40 | 3119 | 1000000 | 0.00 | 1.0 | 1 | 0.0031 |
| IG-IPROH | 7.03 | 996 | 329 | 3.02 | 1.0 | 1 | 3.0237 |
| IG-AT | 7.40 | 930 | 318 | 2.92 | 1.0 | 1 | 2.9194 |
| | 8.60 | 1304 | 1000000 | 0.00 | 1.0 | 1 | 0.0013 |
| CS2 | 9.15 | 400192 | 1000000 | 0.40 | 1.0 | 1 | 0.4002 |
| IG-NHX | 10.09 | 898 | 655 | 1.37 | 1.0 | 1 | 1.3714 |
| | 12.34 | 314 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 13.64 | 249 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 14.31 | 298 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-CYHX | 14.79 | 313 | 656 | 0.48 | 1.0 | 1 | 0.4768 |
| IG-12DCLET | 15.92 | 953 | 268 | 3.56 | 1.0 | 1 | 3.5566 |
| IG-BZ | 16.18 | 1402 | 865 | 1.62 | 1.0 | 1 | 1.6206 |
| | 18.96 | 557 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| IG-TL | 24.46 | 523 | 698 | 0.75 | 1.0 | 1 | 0.7501 |

2/27/02 4:32:33 PM Result:

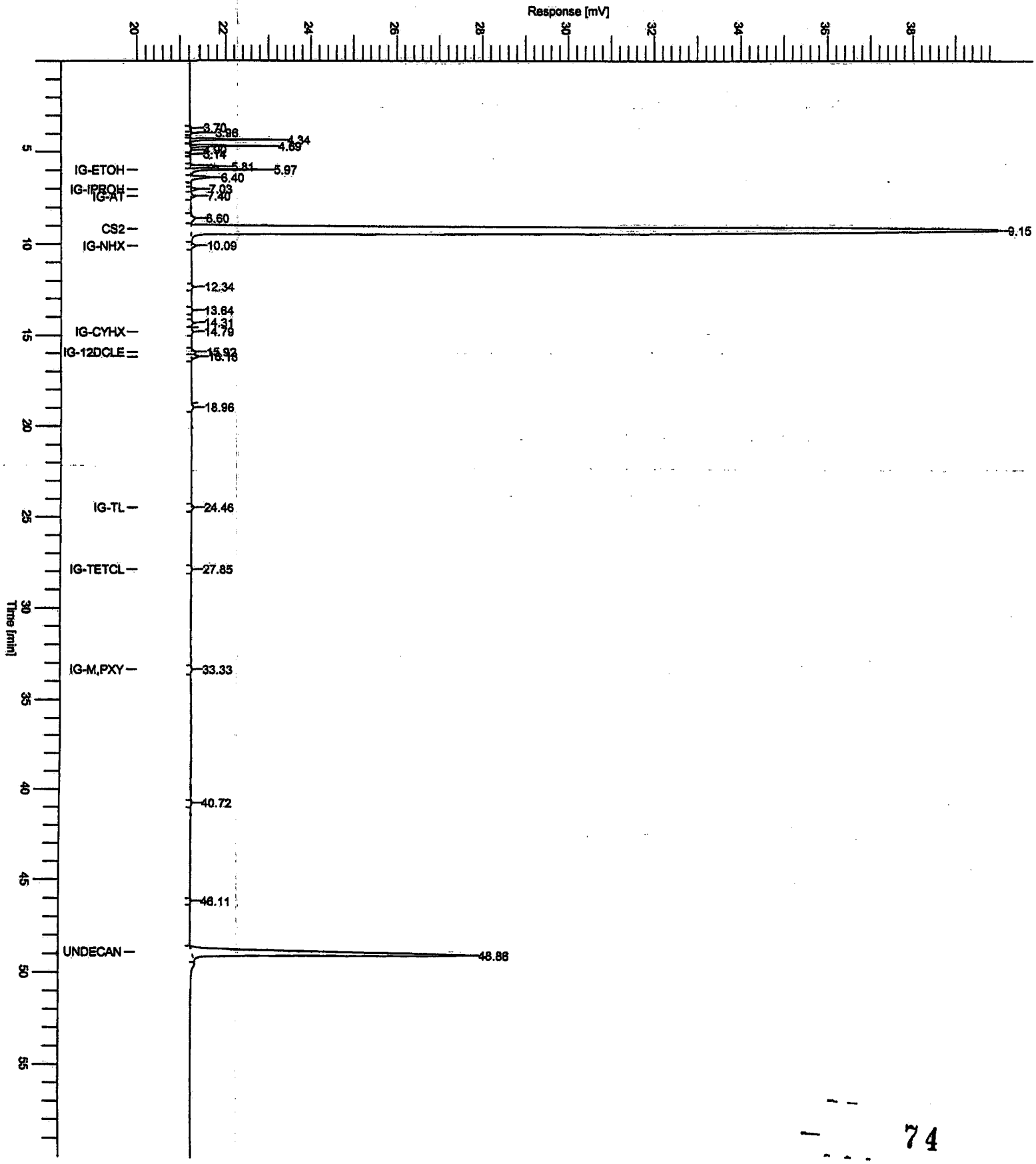
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| IG-TETCLETE | 27.85 | 287 | 137 | 2.09 | 1.0 | 1 | 2.0924 |
| IG-XY | 33.33 | 357 | 674 | 0.53 | 1.0 | 1 | 0.5300 |
| | 40.72 | 177 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 46.11 | 150 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| UNDECANE | 48.86 | 90183 | 3472 | 25.97 | 1.0 | 1 | 25.9728 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A007.TX0

# Chromatogram

Sample Name : L79047-2A,WG395-45,STD2TUBE  Sample #: 07  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A007.raw
Date : 2/27/02 4:32:38 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/26/02 4:11:58 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/28/02 3:47:26 PM |
| Operator | : manager | Sample Name | : L79047-2B,WG39545,STD2TUBE |
| Sample Number | : 47 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/47 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/28/02 1:46:45 PM | Cycle | : 47 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A047.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A047.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A047.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

All <DL

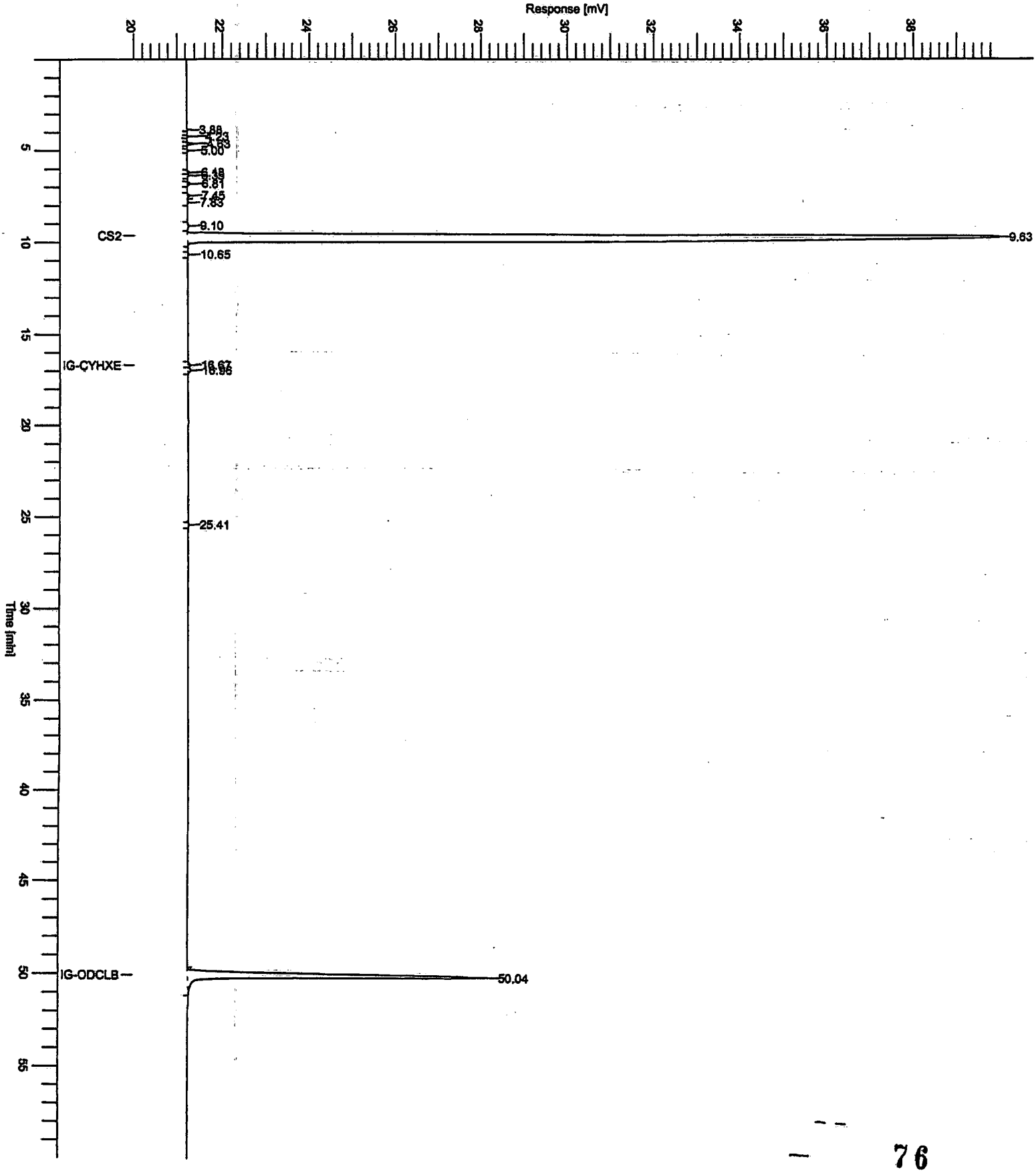
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.23 | 360 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 4.63 | 715 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 5.00 | 185 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 6.18 | 314 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 6.35 | 219 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 6.81 | 398 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 7.45 | 364 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 7.83 | 141 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 9.10 | 305 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| CS2 | 9.63 | 403628 | 1000000 | 0.40 | 1.0 | 1 | 0.4036 |
| | 10.65 | 175 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-CYHXE | 16.67 | 417 | 724 | 0.58 | 1.0 | 1 | 0.5759 |
| | 16.96 | 669 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 25.41 | 107 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| IG-ODCLBZ | 50.04 | 97799 | 498 | 196.38 | 1.0 | 1 | 196.3843 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A047.TX0

# Chromatogram

Sample Name : L79047-2B,WG39545,STD2TUBE  Sample #: 47  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A047.raw
Date : 2/28/02 3:47:31 PM
Method : hp#2 orgprof  Time of Injection: 2/28/02 1:46:45 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:34:30 PM |
| Operator | : manager | Sample Name | : L79047-3A,WG39545,STD2TUBE |
| Sample Number | : 021 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/20 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 11:45:41 PM | Cycle | : 21 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A021.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A021.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A021.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.98 | 11222 | 1000000 | 0.01 | 1.0 | 1 | 0.0112 | |
| IG-AT | 1.11 | 4796 | 333 | 14.40 | 1.0 | 1 | 14.4010 | |
| | 1.18 | 3448 | 1000000 | 0.00 | 1.0 | 1 | 0.0034 | |
| CS2 | 1.33 | 169408 | 51656 | 3.28 | 1.0 | 1 | 3.2795 | |
| IG-MEK | 1.52 | 3187 | 373 | 8.54 | 1.0 | 1 | 8.5435 | |
| | 1.62 | 1123 | 1000000 | 0.00 | 1.0 | 1 | 0.0011 | |
| IG-NHX | 1.74 | 1064 | 668 | 1.59 | 1.0 | 1 | 1.5931 | |
| | 1.86 | 252 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 1.98 | 680 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 | |
| IG-BZ | 2.25 | 1005 | 691 | 1.45 | 1.0 | 1 | 1.4540 | <DL |
| | 2.36 | 305 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 2.47 | 298 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 2.59 | 274 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| IG-TCLETE | 2.79 | 294 | 163 | 1.81 | 1.0 | 1 | 1.8058 | <DL |
| | 3.01 | 535 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | |
| | 3.41 | 511 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | |
| IG-TL | 4.12 | 445 | 708 | 0.63 | 1.0 | 1 | 0.6287 | <DL |
| IG-TETCLETE | 5.07 | 276 | 135 | 2.05 | 1.0 | 1 | 2.0455 | |
| IG-XY | 6.27 | 277 | 584 | 0.47 | 1.0 | 1 | 0.4737 | <DL |

EtBZ/NNTL <DL

77

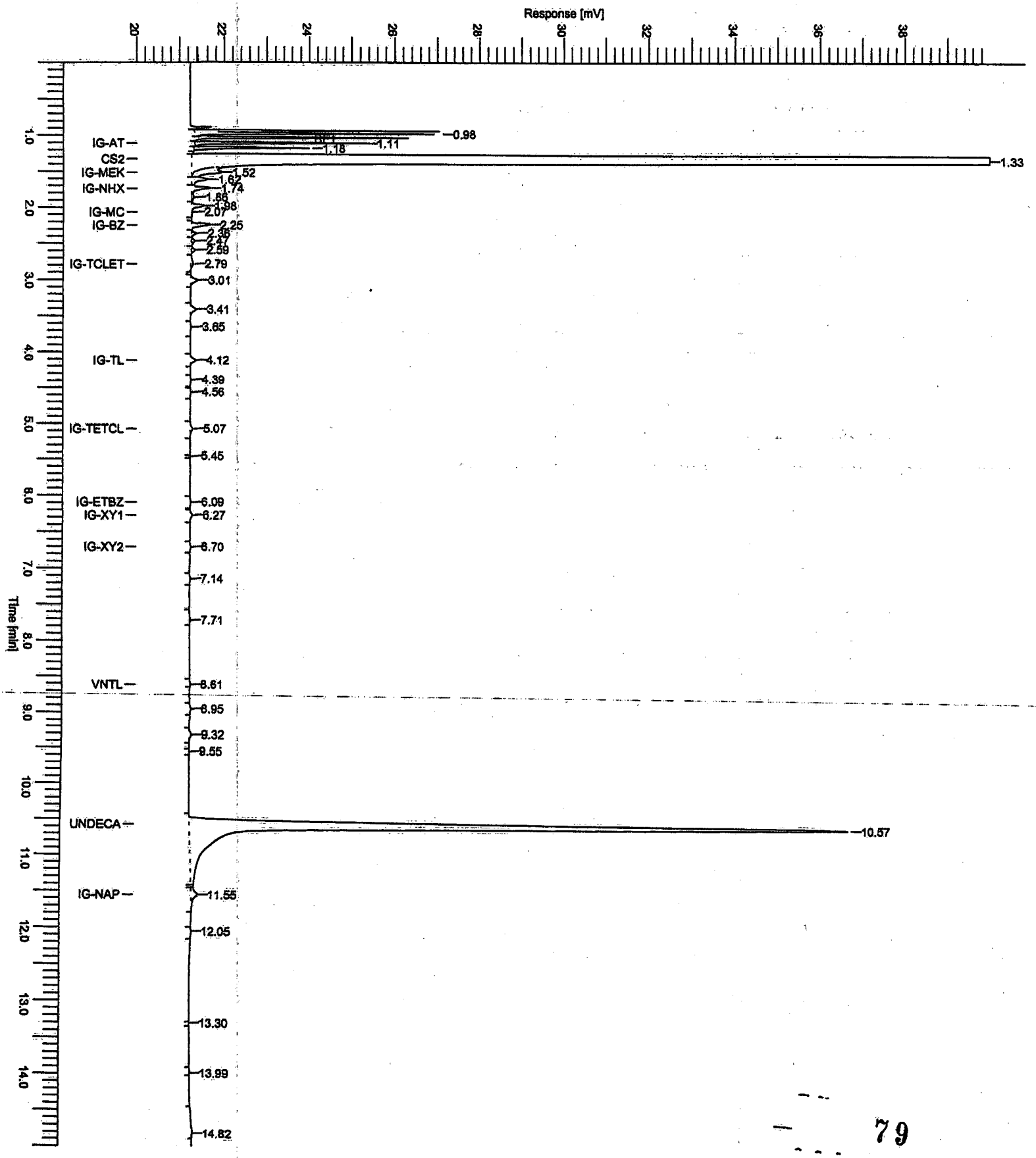
2/27/02 3:34:30 PM Result: C:\PenExe\TcWS\HP-6A\022602A021.rst

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 9.32 | 209 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| Undecane | 10.57 | 87047 | 28413 | 3.06 | 1.0 | 1 | 3.0636 |
| IG-NAP | 11.55 | 1146 | 754 | 1.52 | 1.0 | 1 | 1.5194 |
| | 14.82 | 210 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | | 288010 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A021.TX0

# Chromatogram

Sample Name : L79047-3A,WG395-45,STD2TUBE  Sample #: 021  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A021.raw
Date : 2/27/02 3:34:35 PM
Method : hp#6a rtx 1  Time of Injection: 2/26/02 11:45:41 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:34:36 PM |
| Operator | : manager | Sample Name | : L79047-3B,WG39545,STD2TUBE |
| Sample Number | : 022 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/21 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 12:08:18 AM | Cycle | : 22 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A022.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A022.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A022.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

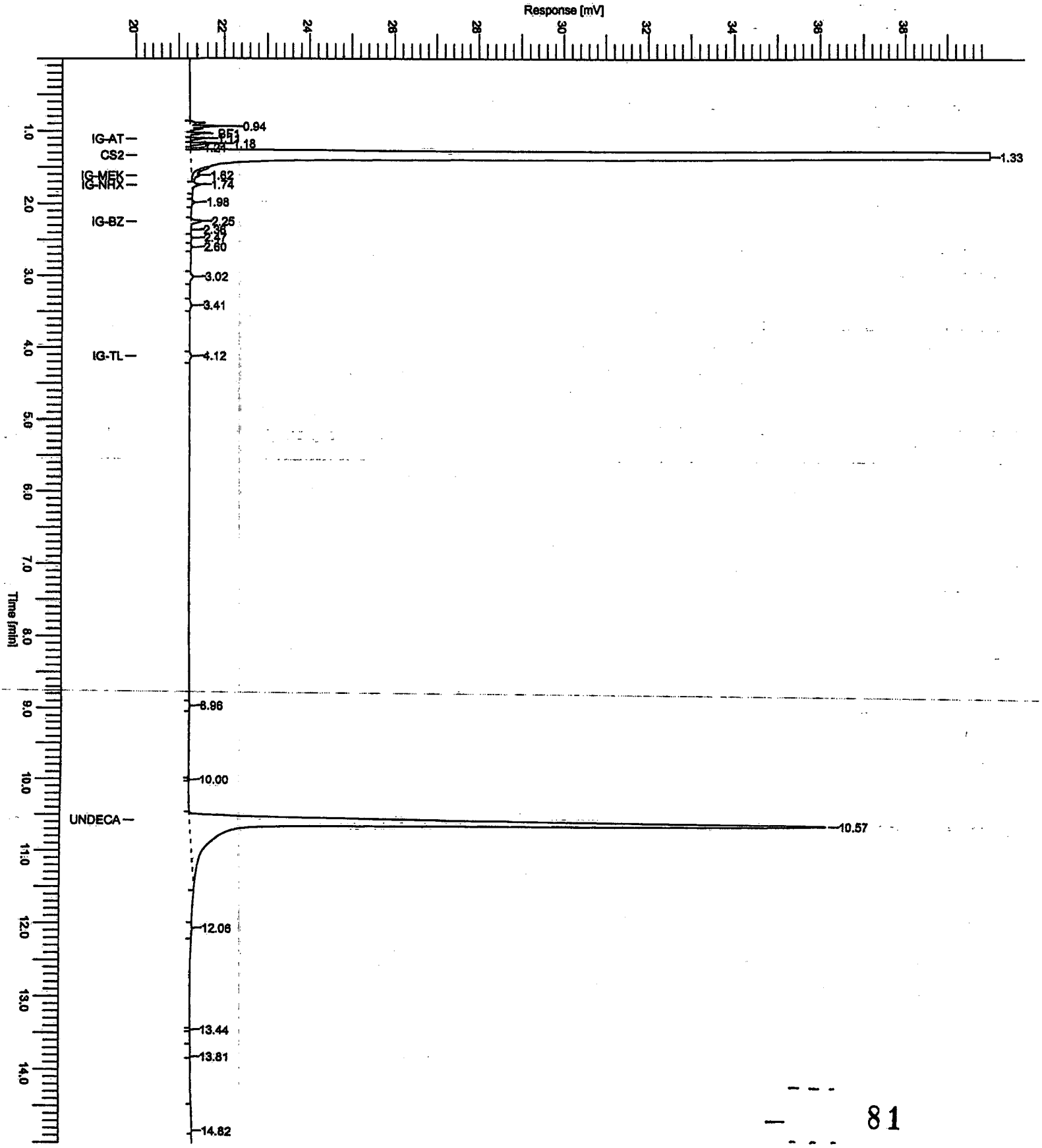
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.94 | 1637 | 1000000 | 0.00 | 1.0 | 1 | 0.0016 |
| IG-AT | 1.11 | 395 | 333 | 1.19 | 1.0 | 1 | 1.1863 |
| | 1.18 | 860 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 |
| CS2 | 1.33 | 171983 | 51656 | 3.33 | 1.0 | 1 | 3.3294 |
| IG-MEK | 1.62 | 1111 | 373 | 2.98 | 1.0 | 1 | 2.9791 |
| IG-NHX | 1.74 | 462 | 668 | 0.69 | 1.0 | 1 | 0.6916 |
| IG-BZ | 2.25 | 492 | 691 | 0.71 | 1.0 | 1 | 0.7121 ADL |
| | 3.02 | 250 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| Undecane | 10.57 | 84453 | 28413 | 2.97 | 1.0 | 1 | 2.9723 |
| | | 261643 | | | | | |

All ADL

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A022.TX0

# Chromatogram

Sample Name : L79047-3B,WG395-45,STD2TUBE  Sample #: 022  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A022.raw
Date : 2/27/02 3:34:39 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 12:08:18 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 4:26:36 PM |
| Operator | : manager | Sample Name | : L79047-3A,WG39545,STD2TUBE |
| Sample Number | : 08 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/8 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 5:19:30 PM | Cycle | : 8 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A008.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A008.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 3.97 | 625 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| | 4.35 | 7581 | 1000000 | 0.01 | 1.0 | 1 | 0.0076 |
| | 4.70 | 7241 | 1000000 | 0.01 | 1.0 | 1 | 0.0072 |
| | 4.91 | 175 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 5.82 | 4692 | 1000000 | 0.00 | 1.0 | 1 | 0.0047 |
| IG-ETOH | 5.98 | 7498 | 223 | 33.62 | 1.0 | 1 | 33.6215 |
| | 6.41 | 3207 | 1000000 | 0.00 | 1.0 | 1 | 0.0032 |
| IG-IPROH | 7.03 | 1174 | 329 | 3.57 | 1.0 | 1 | 3.5654 |
| IG-AT | 7.41 | 944 | 318 | 2.97 | 1.0 | 1 | 2.9651 |
| | 8.61 | 1161 | 1000000 | 0.00 | 1.0 | 1 | 0.0012 |
| CS2 | 9.15 | 400030 | 1000000 | 0.40 | 1.0 | 1 | 0.4000 |
| IG-NHX | 10.09 | 849 | 655 | 1.30 | 1.0 | 1 | 1.2963 |
| | 12.35 | 303 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 13.65 | 195 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 14.32 | 220 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-CYHX | 14.80 | 295 | 656 | 0.45 | 1.0 | 1 | 0.4502 |
| IG-12DCLET | 15.94 | 661 | 268 | 2.47 | 1.0 | 1 | 2.4665 |
| IG-BZ | 16.19 | 1374 | 865 | 1.59 | 1.0 | 1 | 1.5883 |

All <DL

2/27/02 4:26:36 PM Result:

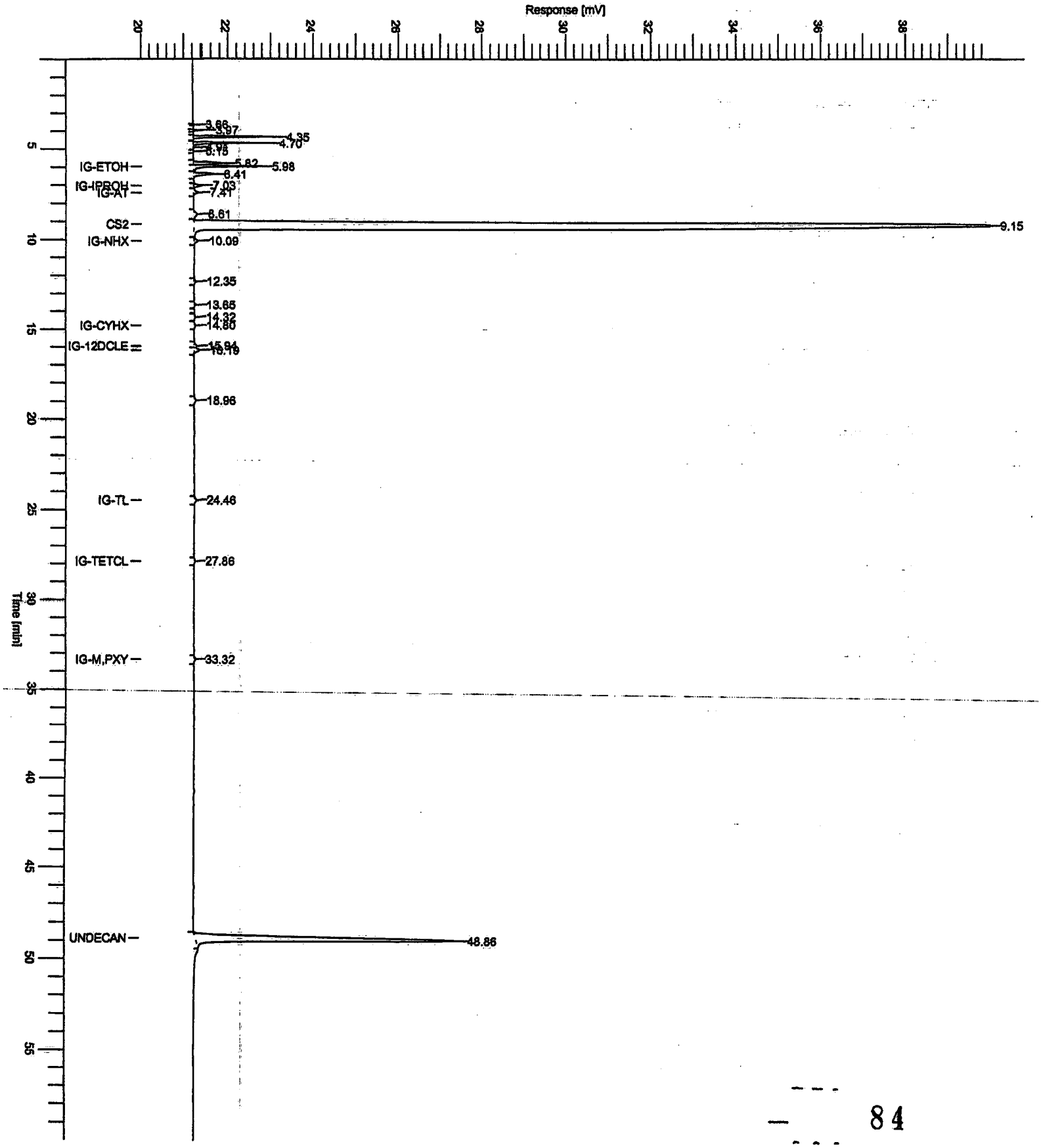
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 18.96 | 475 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-TL | 24.46 | 545 | 698 | 0.78 | 1.0 | 1 | 0.7815 |
| IG-TETCLETE | 27.86 | 258 | 137 | 1.88 | 1.0 | 1 | 1.8792 |
| IG-XY | 33.32 | 333 | 674 | 0.49 | 1.0 | 1 | 0.4944 |
| UNDECANE | 48.86 | 87256 | 3472 | 25.13 | 1.0 | 1 | 25.1297 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A008.TX0

# Chromatogram

Sample Name : L79047-3A,WG39545,STD2TUBE  Sample #: 08  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A008.raw
Date : 2/27/02 4:26:43 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/26/02 5:19:30 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:28:55 AM |
| Operator | : manager | Sample Name | : L79047-3B,WG39545,STD2TUBE |
| Sample Number | : 48 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/48 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/28/02 2:54:25 PM | Cycle | : 48 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A048.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A048.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A048.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.14 | 345 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 4.53 | 1156 | 1000000 | 0.00 | 1.0 | 1 | 0.0012 |
| | 4.89 | 293 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-ETOH | 6.04 | 425 | 223 | 1.90 | 1.0 | 1 | 1.9039 |
| | 6.21 | 378 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 6.65 | 466 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 7.29 | 494 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 7.67 | 149 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 8.90 | 200 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| CS2 | 9.44 | 406341 | 1000000 | 0.41 | 1.0 | 1 | 0.4063 |
| | 10.41 | 223 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 16.36 | 323 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-CYHXE | 16.62 | 682 | 724 | 0.94 | 1.0 | 1 | 0.9420 |
| | 25.00 | 168 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 49.55 | 93925 | 1000000 | 0.09 | 1.0 | 1 | 0.0939 |

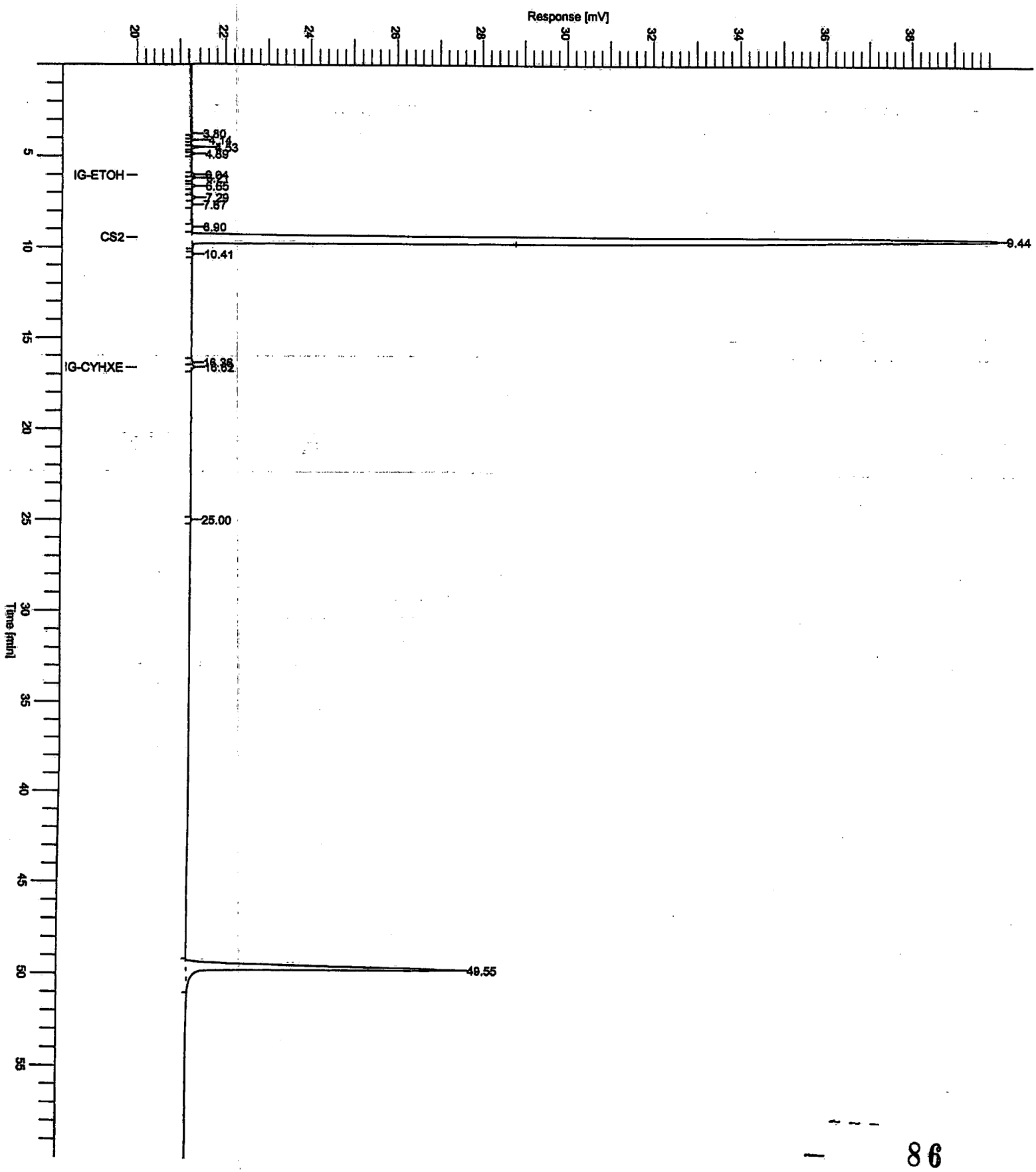
All<DL

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A048.TX0

# Chromatogram

Sample Name : L79047-3B,WG39-545,STD2TUBE  Sample #: 48  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A048.raw
Date : 3/4/02 10:29:00 AM
Method : hp#2 orgprof  Time of Injection: 2/28/02 2:54:25 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:34:40 PM |
| Operator | : manager | Sample Name | : L79047-4A,WG39545,STD2TUBE |
| Sample Number | : 023 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/22 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 12:30:41 AM | Cycle | : 23 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A023.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A023.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A023.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.98 | 6831 | 1000000 | 0.01 | 1.0 | 1 | 0.0068 | VNTL<DL |
| IG-AT | 1.11 | 3400 | 333 | 10.21 | 1.0 | 1 | 10.2114 | |
| | 1.18 | 2586 | 1000000 | 0.00 | 1.0 | 1 | 0.0026 | |
| CS2 | 1.33 | 169186 | 51656 | 3.28 | 1.0 | 1 | 3.2752 | |
| IG-MEK | 1.52 | 3243 | 373 | 8.69 | 1.0 | 1 | 8.6948 | |
| | 1.62 | 1169 | 1000000 | 0.00 | 1.0 | 1 | 0.0012 | |
| IG-NHX | 1.74 | 1047 | 668 | 1.57 | 1.0 | 1 | 1.5666 | |
| | 1.98 | 508 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | |
| IG-BZ | 2.25 | 1059 | 691 | 1.53 | 1.0 | 1 | 1.5322 | <DL |
| | 2.36 | 249 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | |
| | 2.47 | 465 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | |
| | 2.59 | 444 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | |
| IG-TCLETE | 2.79 | 385 | 163 | 2.36 | 1.0 | 1 | 2.3621 | <DL |
| | 3.01 | 964 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 | |
| | 3.41 | 870 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 | |
| IG-TL | 4.12 | 498 | 708 | 0.70 | 1.0 | 1 | 0.7039 | <DL |
| IG-TETCLETE | 5.08 | 210 | 135 | 1.56 | 1.0 | 1 | 1.5583 | |
| IG-ETBZ | 6.09 | 447 | 583 | 0.77 | 1.0 | 1 | 0.7667 | <DL |
| IG-XY | 6.27 | 2504 | 584 | 4.29 | 1.0 | 1 | 4.2875 | OK |
| | 9.32 | 338 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 9.56 | 204 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | |

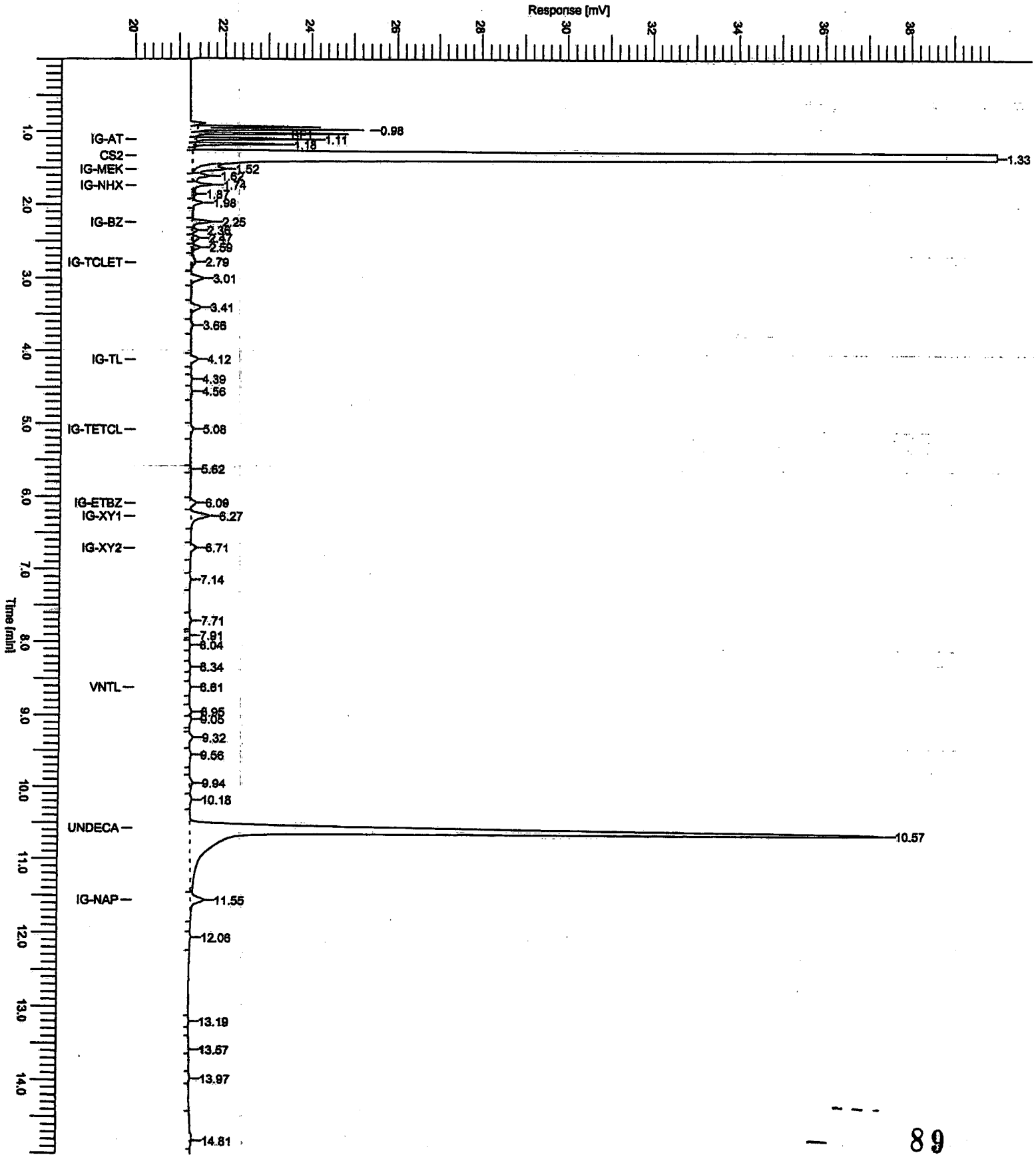
2/27/02 3:34:40 PM Result: C:\PenExe\TcWS\HP-6A\022602A023.rst

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 9.94 | 439 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 10.18 | 249 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| Undecane | 10.57 | 88274 | 28413 | 3.11 | 1.0 | 1 | 3.1068 |
| IG-NAP | 11.55 | 1946 | 754 | 2.58 | 1.0 | 1 | 2.5803 |
| | 14.81 | 345 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | | 287861 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A023.TX0

# Chromatogram

Sample Name : L79047-4A,WG39545,STD2TUBE  Sample #: 023  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A023.raw
Date : 2/27/02 3:34:45 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 12:30:41 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:34:47 PM |
| Operator | : manager | Sample Name | : L79047-4B,WG39545,STD2TUBE |
| Sample Number | : 024 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/23 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 12:52:56 AM | Cycle | : 24 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A024.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A024.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A024.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

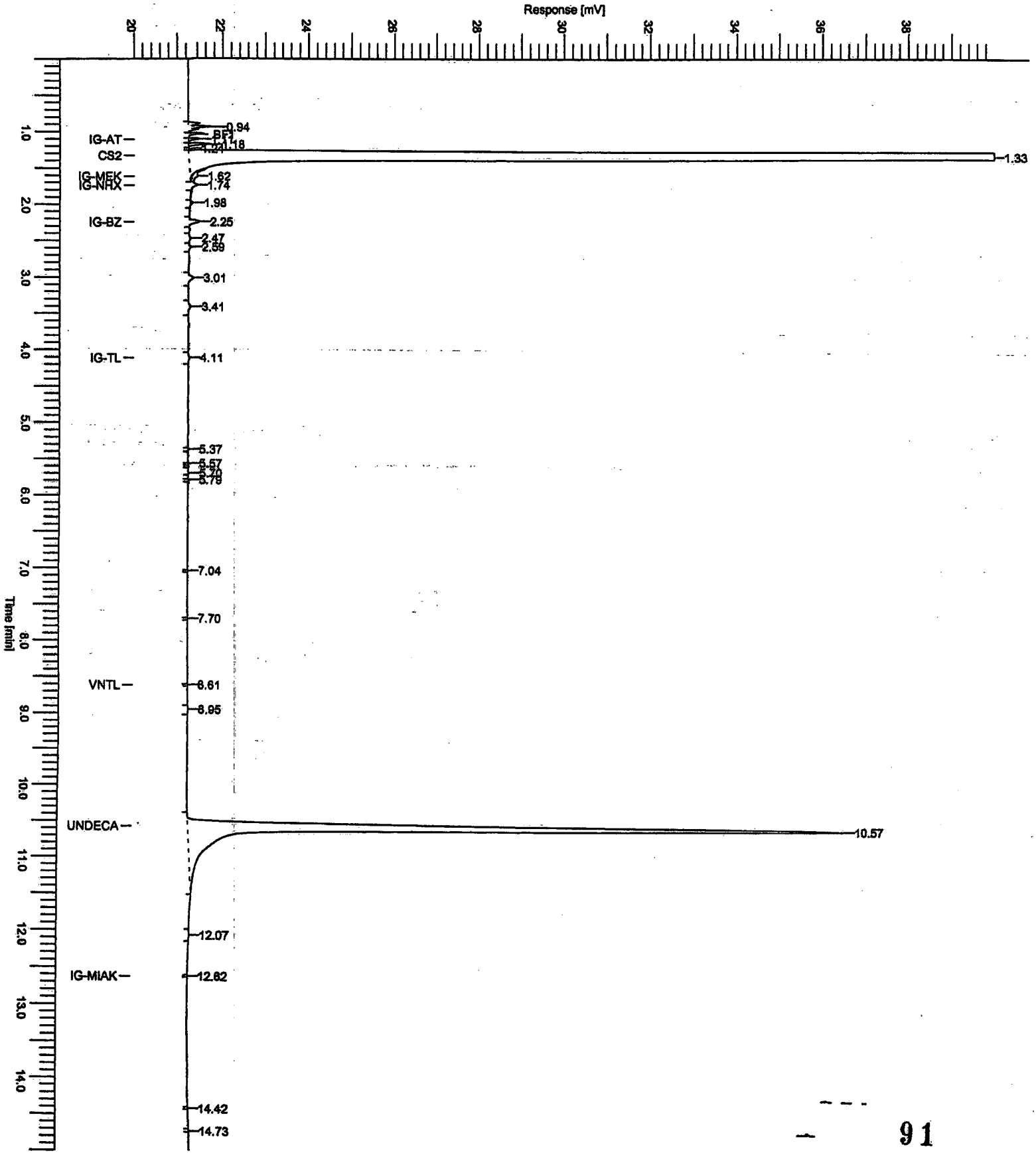
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.94 | 1255 | 1000000 | 0.00 | 1.0 | 1 | 0.0013 | |
| IG-AT | 1.11 | 270 | 333 | 0.81 | 1.0 | 1 | 0.8121 | |
| | 1.18 | 633 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | |
| CS2 | 1.33 | 172554 | 51656 | 3.34 | 1.0 | 1 | 3.3404 | |
| IG-MEK | 1.62 | 777 | 373 | 2.08 | 1.0 | 1 | 2.0834 | |
| IG-NHX | 1.74 | 305 | 668 | 0.46 | 1.0 | 1 | 0.4571 | |
| IG-BZ | 2.25 | 505 | 691 | 0.73 | 1.0 | 1 | 0.7302 | ADL |
| | 3.01 | 318 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| Undecane | 10.57 | 85173 | 28413 | 3.00 | 1.0 | 1 | 2.9976 | |
| | | 261790 | | | | | | |

All ADL

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A024.TX0

# Chromatogram

Sample Name : L79047-4B,WG39545,STD2TUBE  Sample #: 024  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A024.raw
Date : 2/27/02 3:34:49 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 12:52:56 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 4:30:34 PM |
| Operator | : manager | Sample Name | : L79047-4A,WG39545,STD2TUBE |
| Sample Number | : 09 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/9 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 6:26:47 PM | Cycle | : 9 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A009.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A009.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

All other <DL

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 3.71 | 178 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 3.97 | 298 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 4.35 | 3836 | 1000000 | 0.00 | 1.0 | 1 | 0.0038 |
| | 4.70 | 5148 | 1000000 | 0.01 | 1.0 | 1 | 0.0051 |
| | 5.83 | 3224 | 1000000 | 0.00 | 1.0 | 1 | 0.0032 |
| IG-ETOH | 5.98 | 5142 | 223 | 23.06 | 1.0 | 1 | 23.0590 |
| | 6.42 | 2449 | 1000000 | 0.00 | 1.0 | 1 | 0.0024 |
| IG-IPROH | 7.04 | 872 | 329 | 2.65 | 1.0 | 1 | 2.6463 |
| IG-AT | 7.42 | 867 | 318 | 2.72 | 1.0 | 1 | 2.7215 |
| | 8.62 | 1329 | 1000000 | 0.00 | 1.0 | 1 | 0.0013 |
| CS2 | 9.16 | 397428 | 1000000 | 0.40 | 1.0 | 1 | 0.3974 |
| IG-NHX | 10.09 | 917 | 655 | 1.40 | 1.0 | 1 | 1.4006 |
| | 12.34 | 249 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 13.65 | 308 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 14.32 | 389 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| IG-CYHX | 14.81 | 221 | 656 | 0.34 | 1.0 | 1 | 0.3365 |
| IG-12DCLET | 15.93 | 1202 | 268 | 4.48 | 1.0 | 1 | 4.4832 ok |
| IG-BZ | 16.18 | 1344 | 865 | 1.55 | 1.0 | 1 | 1.5538 |
| | 18.96 | 795 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| IG-TL | 24.46 | 581 | 698 | 0.83 | 1.0 | 1 | 0.8325 |
| IG-TETCLETE | 27.86 | 147 | 137 | 1.07 | 1.0 | 1 | 1.0728 |

2/27/02 4:30:34 PM Result:

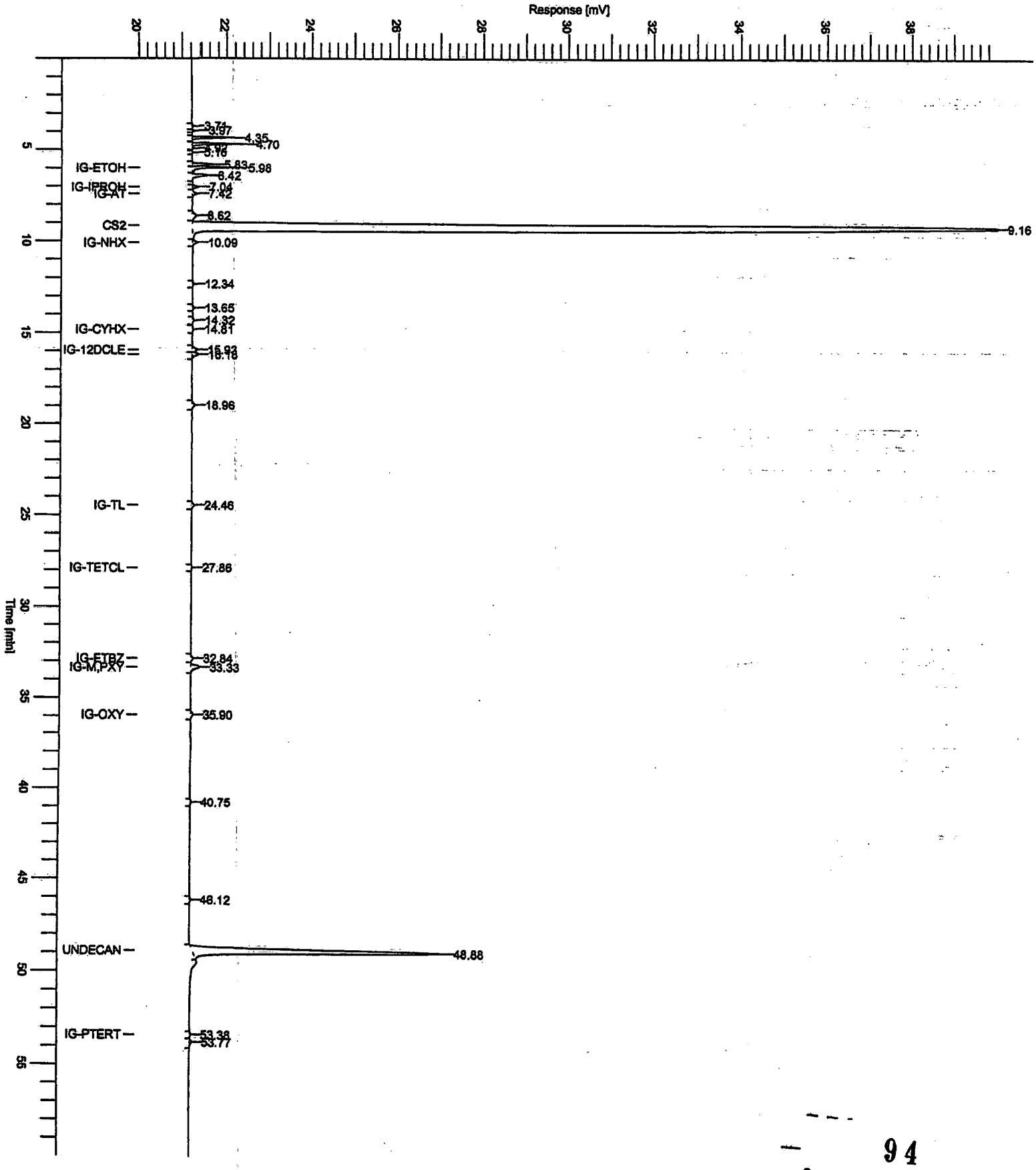
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| IG-ETBZ | 32.84 | 582 | 690 | 0.84 | 1.0 | 1 | 0.8436 |
| IG-XY | 33.33 | 3233 | 674 | 4.80 | 1.0 | 1 | 4.7992 |
| | 40.75 | 191 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 46.12 | 278 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| UNDECANE | 48.88 | 82617 | 3472 | 23.79 | 1.0 | 1 | 23.7939 |
| IG-PTERTBUTL | 53.38 | 272 | 658 | 0.41 | 1.0 | 1 | 0.4143 |
| | 53.77 | 744 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A009.TX0

# Chromatogram

Sample Name : L79047-4A,WG39545,STD2TUBE  Sample #: 09  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A009.raw
Date : 2/27/02 4:30:39 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/26/02 6:26:47 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:29:02 AM |
| Operator | : manager | Sample Name | : L79047-4B,WG39545,STD2TUBE |
| Sample Number | : 49 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/49 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/28/02 5:03:46 PM | Cycle | : 49 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A049.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A049.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A049.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.07 | 144 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 4.46 | 738 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 4.81 | 232 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-ETOH | 5.95 | 278 | 223 | 1.25 | 1.0 | 1 | 1.2456 |
| | 6.12 | 267 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 6.56 | 363 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| IG-IPROH | 7.18 | 340 | 329 | 1.03 | 1.0 | 1 | 1.0312 |
| CS2 | 9.33 | 409846 | 1000000 | 0.41 | 1.0 | 1 | 0.4098 |
| | 10.27 | 341 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-NBUOH | 16.17 | 356 | 403 | 0.88 | 1.0 | 1 | 0.8844 |
| | 16.43 | 667 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 49.19 | 91552 | 1000000 | 0.09 | 1.0 | 1 | 0.0916 |

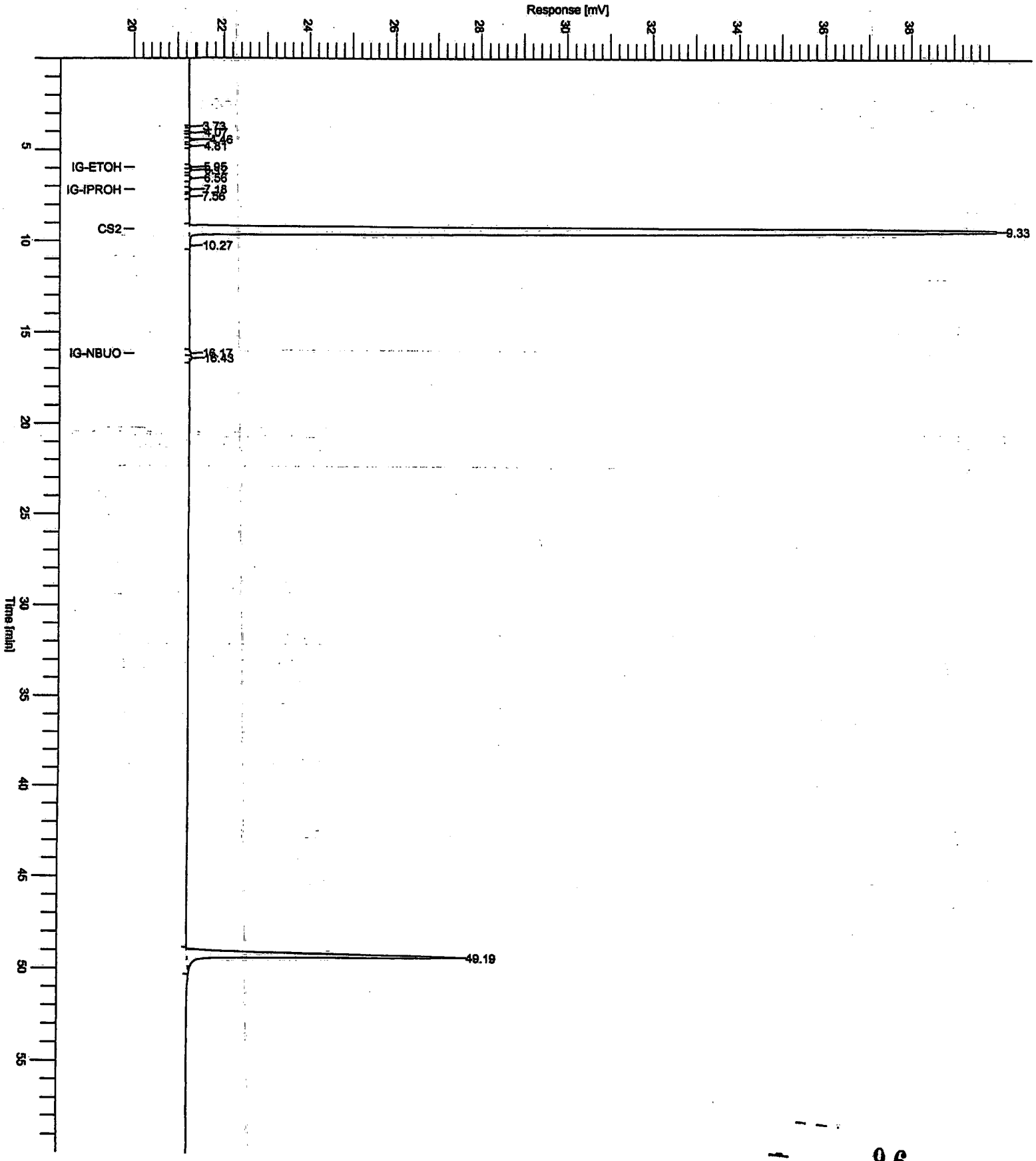
All <DL

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A049.TX0

# Chromatogram

Sample Name : L79047-4B,WG395-45,STD2TUBE  Sample #: 49  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A049.raw
Date : 3/4/02 10:29:06 AM
Method : hp#2 orgprof  Time of Injection: 2/28/02 5:03:46 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:34:50 PM |
| Operator | : manager | Sample Name | : L79047-5A,WG39545,STD2TUBE |
| Sample Number | : 025 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/24 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 1:15:00 AM | Cycle | : 25 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A025.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A025.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A025.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.98 | 7880 | 1000000 | 0.01 | 1.0 | 1 | 0.0079 | NNTL<DL |
| IG-AT | 1.11 | 4109 | 333 | 12.34 | 1.0 | 1 | 12.3392 | |
| | 1.18 | 3373 | 1000000 | 0.00 | 1.0 | 1 | 0.0034 | |
| CS2 | 1.33 | 171540 | 51656 | 3.32 | 1.0 | 1 | 3.3208 | |
| IG-MEK | 1.52 | 3881 | 373 | 10.41 | 1.0 | 1 | 10.4055 | |
| | 1.62 | 1451 | 1000000 | 0.00 | 1.0 | 1 | 0.0015 | |
| IG-NHX | 1.74 | 1491 | 668 | 2.23 | 1.0 | 1 | 2.2321 | |
| | 1.86 | 266 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 1.99 | 776 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 | |
| IG-BZ | 2.25 | 1218 | 691 | 1.76 | 1.0 | 1 | 1.7621 | <DL |
| | 2.36 | 349 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 2.47 | 542 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | |
| | 2.60 | 499 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | |
| IG-TCLETE | 2.79 | 432 | 163 | 2.65 | 1.0 | 1 | 2.6512 | <DL |
| | 3.02 | 950 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 | |
| | 3.42 | 1012 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 | |
| IG-TL | 4.12 | 702 | 708 | 0.99 | 1.0 | 1 | 0.9918 | <DL |
| IG-TETCLETE | 5.08 | 314 | 135 | 2.33 | 1.0 | 1 | 2.3284 | |
| IG-ETBZ | 6.09 | 1197 | 583 | 2.05 | 1.0 | 1 | 2.0525 | OK |
| IG-XY | 6.27 | 7503 | 584 | 12.85 | 1.0 | 1 | 12.8477 | OK |
| | 8.95 | 273 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |

97

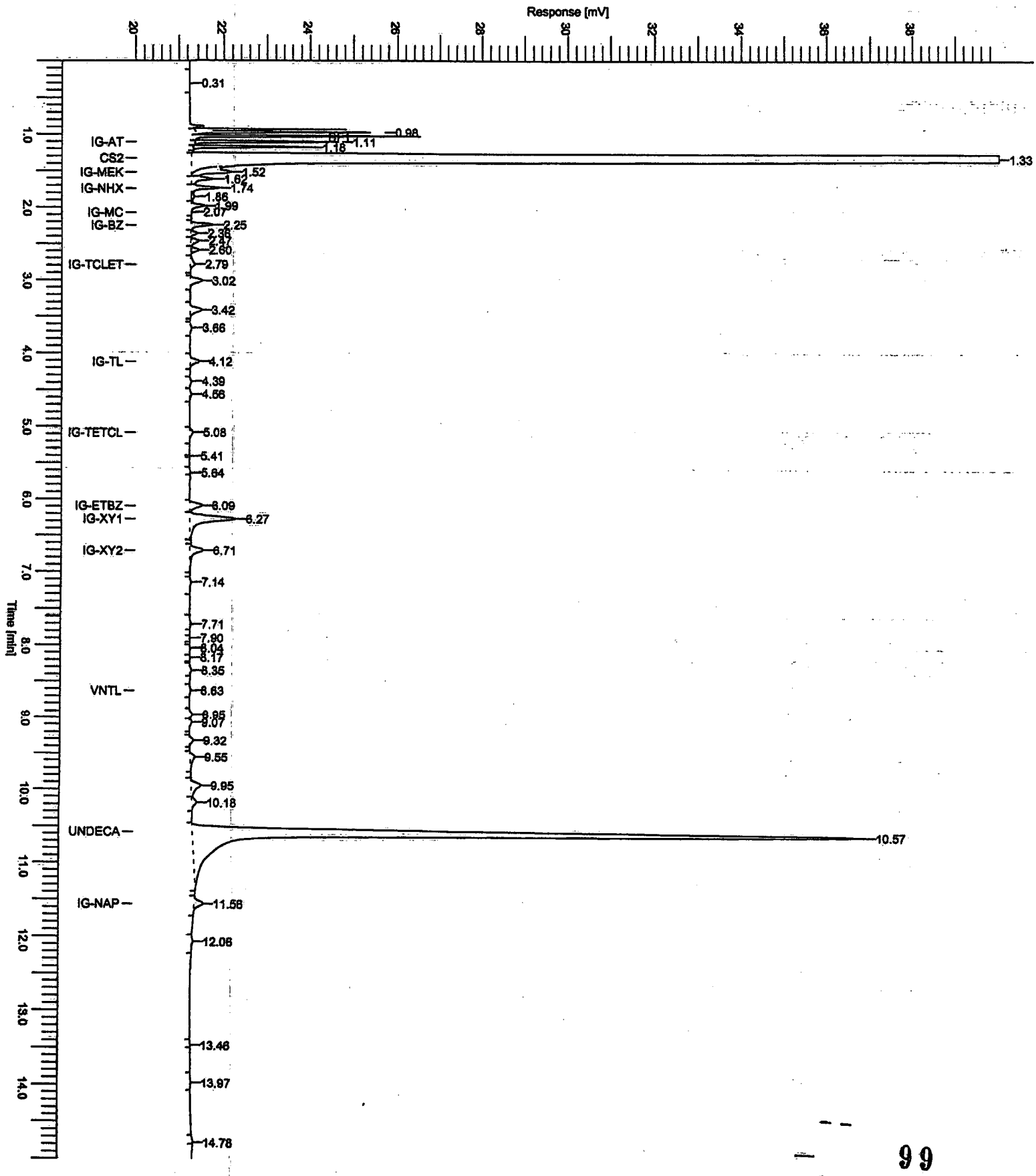
2/27/02 3:34:50 PM Result: C:\PenExe\TcWS\HP-6A\022602A025.rst

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 9.07 | 243 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 9.32 | 373 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 9.55 | 689 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 9.95 | 1427 | 1000000 | 0.00 | 1.0 | 1 | 0.0014 |
| | 10.18 | 553 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| Undecane | 10.57 | 85172 | 28413 | 3.00 | 1.0 | 1 | 2.9976 |
| IG-NAP | 11.56 | 1097 | 754 | 1.45 | 1.0 | 1 | 1.4539 DL |
| | | 299311 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A025.TX0

# Chromatogram

Sample Name : L79047-5A,WG39545,STD2TUBE  Sample #: 025  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A025.raw
Date : 2/27/02 3:34:56 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 1:15:00 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:34:57 PM |
| Operator | : manager | Sample Name | : L79047-5B,WG39545,STD2TUBE |
| Sample Number | : 026 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/25 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 1:37:01 AM | Cycle | : 26 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A026.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A026.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A026.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

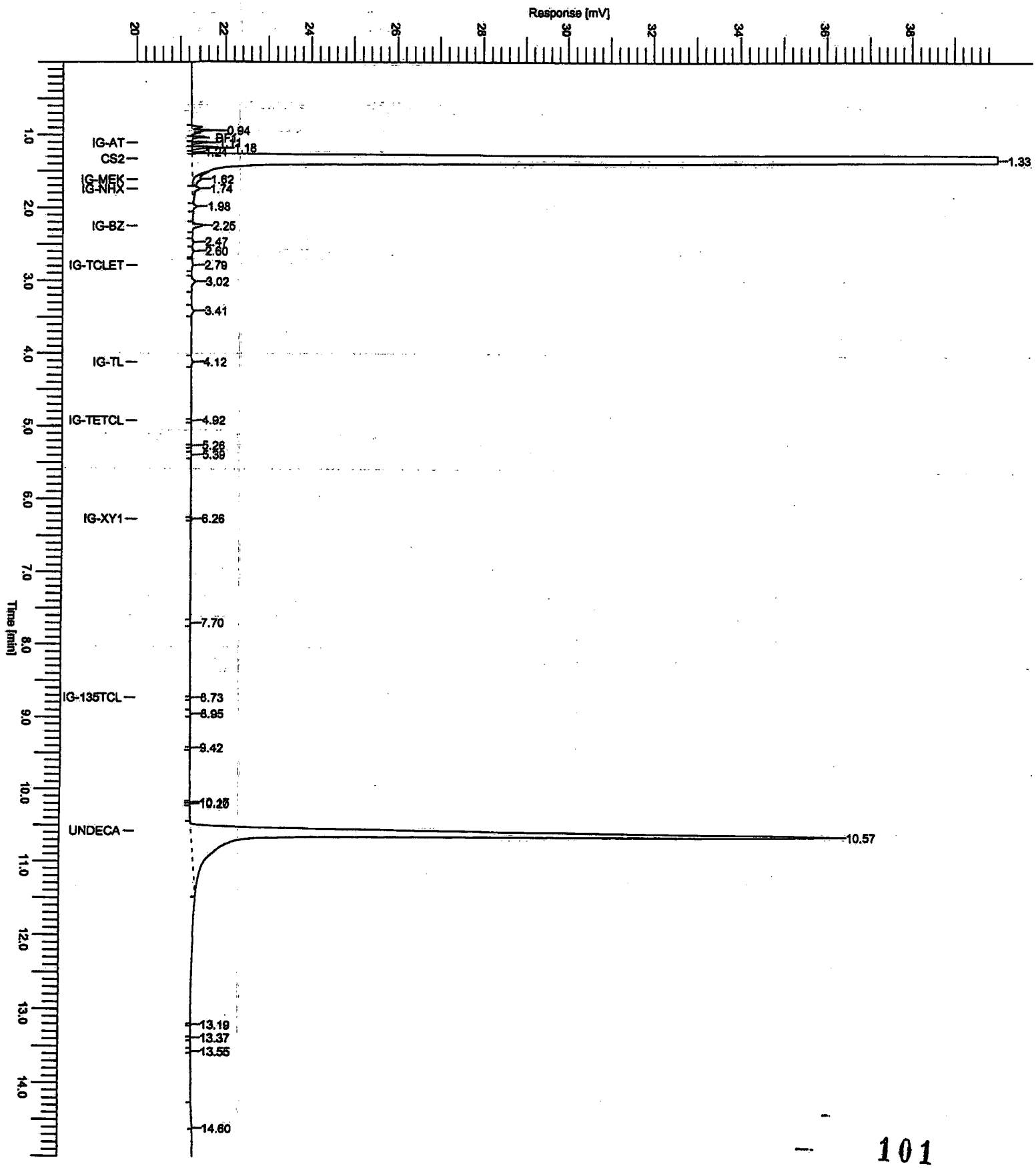
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.94 | 1060 | 1000000 | 0.00 | 1.0 | 1 | 0.0011 | HALOC |
| IG-AT | 1.11 | 399 | 333 | 1.20 | 1.0 | 1 | 1.1993 | |
| | 1.18 | 858 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 | |
| CS2 | 1.33 | 173809 | 51656 | 3.36 | 1.0 | 1 | 3.3647 | |
| IG-MEK | 1.62 | 1027 | 373 | 2.75 | 1.0 | 1 | 2.7531 | |
| IG-NHX | 1.74 | 641 | 668 | 0.96 | 1.0 | 1 | 0.9597 | |
| IG-BZ | 2.25 | 463 | 691 | 0.67 | 1.0 | 1 | 0.6701 | DL |
| | 3.02 | 263 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| Undecane | 10.57 | 84600 | 28413 | 2.98 | 1.0 | 1 | 2.9775 | |
| | | 263121 | | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A026.TX0

# Chromatogram

Sample Name : L79047-5B,WG39545,STD2TUBE  Sample #: 026  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A026.raw
Date : 2/27/02 3:35:00 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 1:37:01 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 4:31:33 PM |
| Operator | : manager | Sample Name | : L79047-5A,WG39545,STD2TUBE |
| Sample Number | : 10 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/10 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 7:34:34 PM | Cycle | : 10 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A010.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A010.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 3.98 | 345 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 4.36 | 4529 | 1000000 | 0.00 | 1.0 | 1 | 0.0045 |
| | 4.71 | 5918 | 1000000 | 0.01 | 1.0 | 1 | 0.0059 |
| | 5.83 | 4080 | 1000000 | 0.00 | 1.0 | 1 | 0.0041 |
| IG-ETOH | 5.99 | 7199 | 223 | 32.28 | 1.0 | 1 | 32.2806 |
| | 6.43 | 3152 | 1000000 | 0.00 | 1.0 | 1 | 0.0032 |
| IG-IPROH | 7.05 | 1042 | 329 | 3.16 | 1.0 | 1 | 3.1645 |
| IG-AT | 7.42 | 982 | 318 | 3.08 | 1.0 | 1 | 3.0838 |
| | 8.62 | 1880 | 1000000 | 0.00 | 1.0 | 1 | 0.0019 |
| CS2 | 9.17 | 397426 | 1000000 | 0.40 | 1.0 | 1 | 0.3974 |
| IG-NHX | 10.11 | 1237 | 655 | 1.89 | 1.0 | 1 | 1.8886 |
| | 12.36 | 346 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 13.67 | 350 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 14.34 | 402 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 14.83 | 313 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-12DCLET | 15.95 | 1168 | 268 | 4.36 | 1.0 | 1 | 4.3563 OK |
| IG-BZ | 16.21 | 1539 | 865 | 1.78 | 1.0 | 1 | 1.7787 |
| | 18.99 | 926 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 |
| | 22.02 | 120 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 24.50 | 864 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 |
| | 27.89 | 252 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |

2/27/02 4:31:33 PM Result:

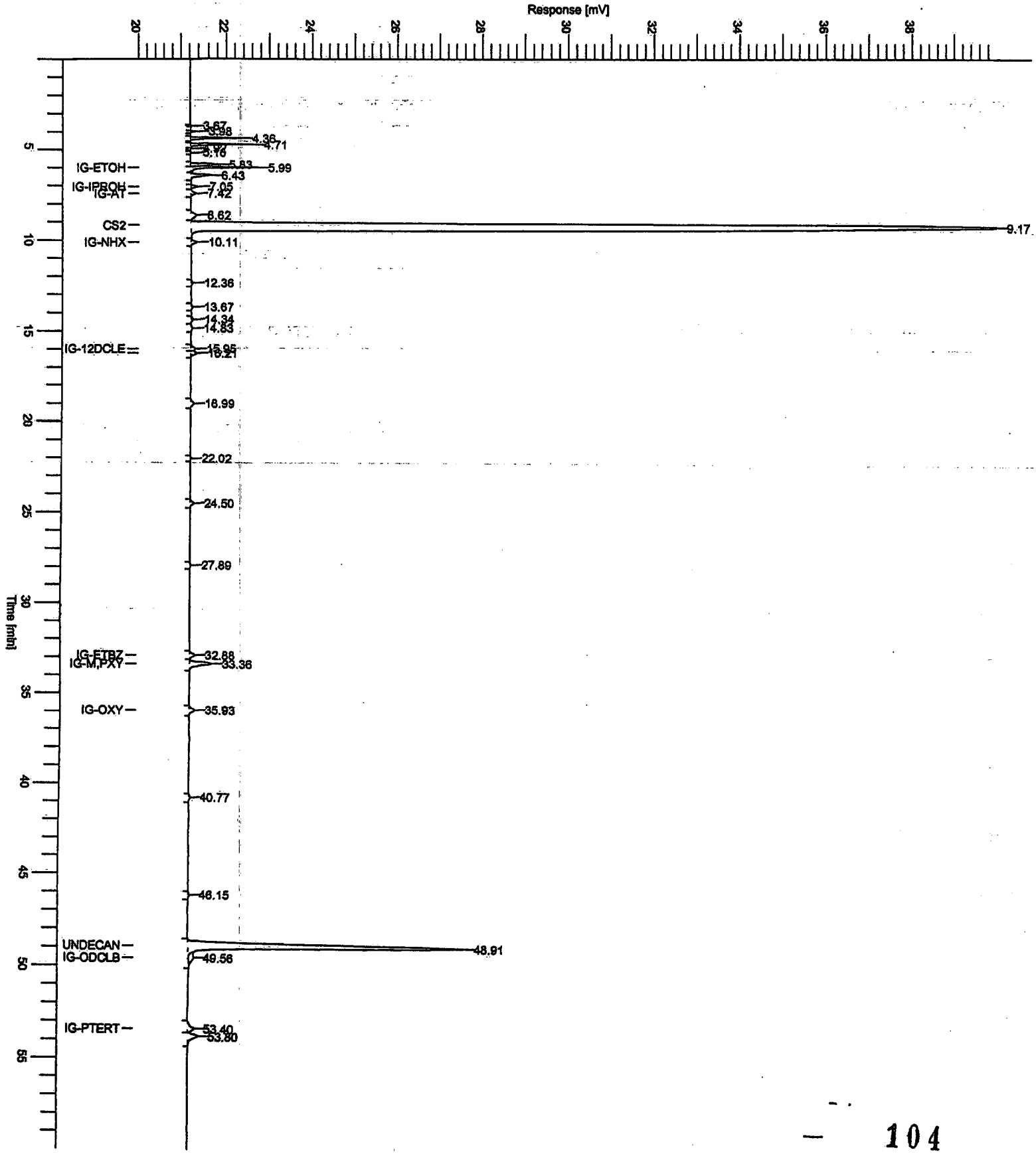
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| IG-ETBZ | 32.88 | 1442 | 690 | 2.09 | 1.0 | 1 | 2.0888 |
| IG-XY | 33.36 | 8263 | 674 | 12.27 | 1.0 | 1 | 12.2669 |
| | 40.77 | 366 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 46.15 | 345 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| UNDECANE | 48.91 | 91245 | 3472 | 26.28 | 1.0 | 1 | 26.2785 |
| IG-ODCLBZ | 49.56 | 3414 | 498 | 6.85 | 1.0 | 1 | 6.8544 OK |
| IG-PTERTBUTL | 53.40 | 2445 | 658 | 3.72 | 1.0 | 1 | 3.7174 |
| | 53.80 | 3842 | 1000000 | 0.00 | 1.0 | 1 | 0.0038 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A010.TX0

# Chromatogram

Sample Name : L79047-5A,WG39545,STD2TUBE  Sample #: 10  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A010.raw
Date : 2/27/02 4:31:38 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/26/02 7:34:34 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:29:07 AM |
| Operator | : manager | Sample Name | : L79047-5B,WG39545,STD2TUBE |
| Sample Number | : 50 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/50 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/28/02 6:10:58 PM | Cycle | : 50 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A050.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A050.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A050.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

All <DL

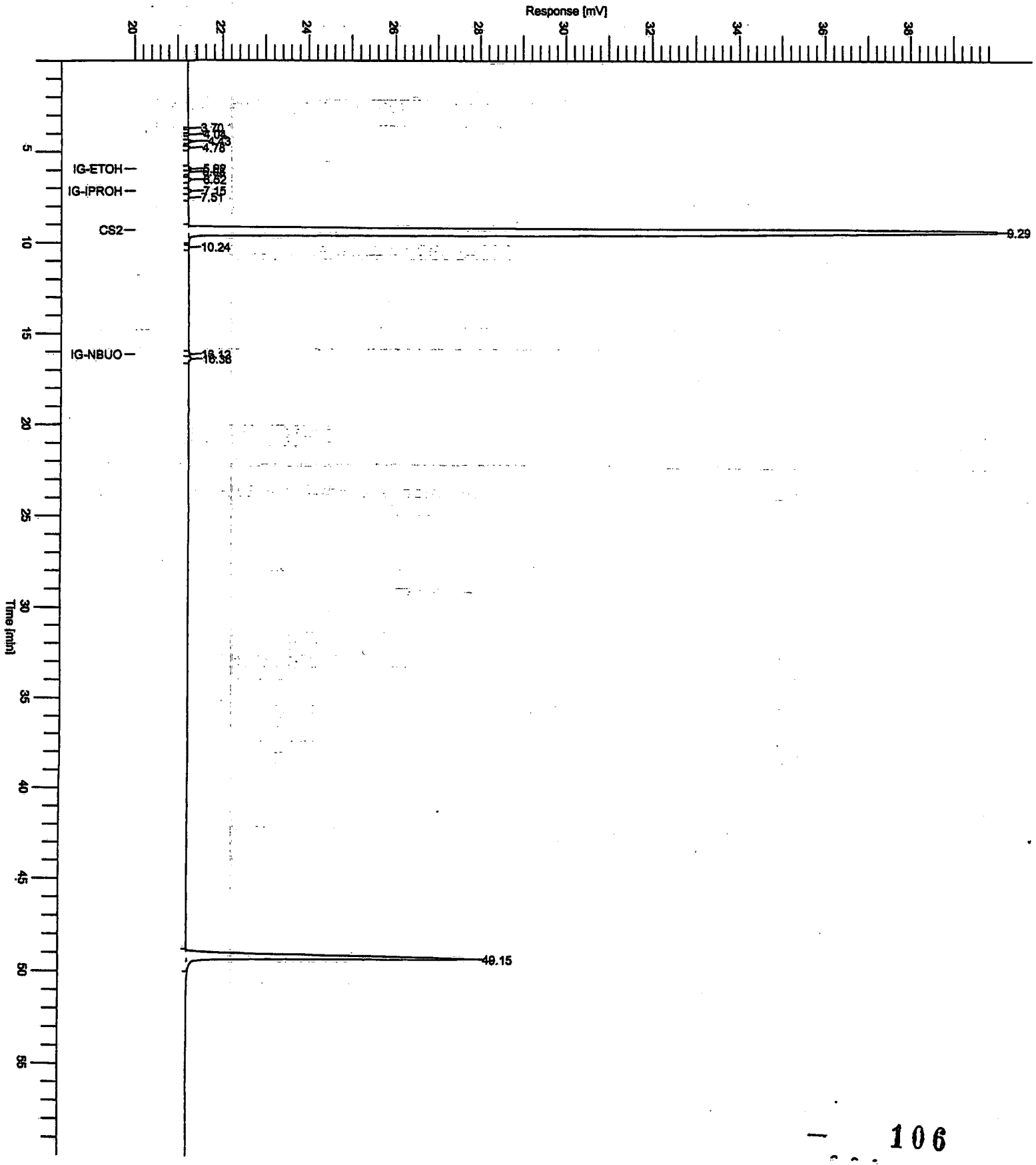
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.04 | 196 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 4.43 | 719 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 4.78 | 235 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-ETOH | 5.92 | 433 | 223 | 1.94 | 1.0 | 1 | 1.9400 |
| | 6.08 | 246 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 6.52 | 481 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-IPROH | 7.15 | 475 | 329 | 1.44 | 1.0 | 1 | 1.4419 |
| | 7.51 | 130 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| CS2 | 9.29 | 404015 | 1000000 | 0.40 | 1.0 | 1 | 0.4040 |
| | 10.24 | 111 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| IG-NBUOH | 16.12 | 287 | 403 | 0.71 | 1.0 | 1 | 0.7129 |
| | 16.38 | 658 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 49.15 | 93990 | 1000000 | 0.09 | 1.0 | 1 | 0.0940 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A050.TX0

# Chromatogram

Sample Name : L79047-5B,WG395-45,STD2TUBE  Sample #: 50  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A050.raw
Date : 3/4/02 10:29:12 AM
Method : hp#2 orgprof  Time of Injection: 2/28/02 6:10:58 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:35:06 PM |
| Operator | : manager | Sample Name | : L79047-6A,WG39545,STD2TUBE |
| Sample Number | : 028 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/26 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 2:20:59 AM | Cycle | : 28 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A028.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A028.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A028.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.98 | 7614 | 1000000 | 0.01 | 1.0 | 1 | 0.0076 | |
| IG-AT | 1.11 | 3991 | 333 | 11.98 | 1.0 | 1 | 11.9842 | VNTL<DL |
| | 1.18 | 3325 | 1000000 | 0.00 | 1.0 | 1 | 0.0033 | |
| CS2 | 1.33 | 173403 | 51656 | 3.36 | 1.0 | 1 | 3.3569 | |
| IG-MEK | 1.52 | 3708 | 373 | 9.94 | 1.0 | 1 | 9.9409 | |
| | 1.62 | 1336 | 1000000 | 0.00 | 1.0 | 1 | 0.0013 | |
| IG-NHX | 1.74 | 1313 | 668 | 1.96 | 1.0 | 1 | 1.9649 | |
| | 1.99 | 655 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 | |
| IG-BZ | 2.25 | 1194 | 691 | 1.73 | 1.0 | 1 | 1.7277 | <DL |
| | 2.36 | 323 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 2.47 | 489 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | |
| | 2.59 | 440 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | |
| IG-TCLETE | 2.79 | 399 | 163 | 2.45 | 1.0 | 1 | 2.4450 | <DL |
| | 3.01 | 794 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 | |
| | 3.42 | 943 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 | |
| IG-TL | 4.12 | 552 | 708 | 0.78 | 1.0 | 1 | 0.7797 | <DL |
| IG-TETCLETE | 5.09 | 328 | 135 | 2.43 | 1.0 | 1 | 2.4288 | |
| IG-ETBZ | 6.09 | 983 | 583 | 1.69 | 1.0 | 1 | 1.6869 | <DL |
| IG-XY | 6.27 | 5688 | 584 | 9.74 | 1.0 | 1 | 9.7395 | OK |
| | 8.95 | 277 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 9.07 | 253 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |

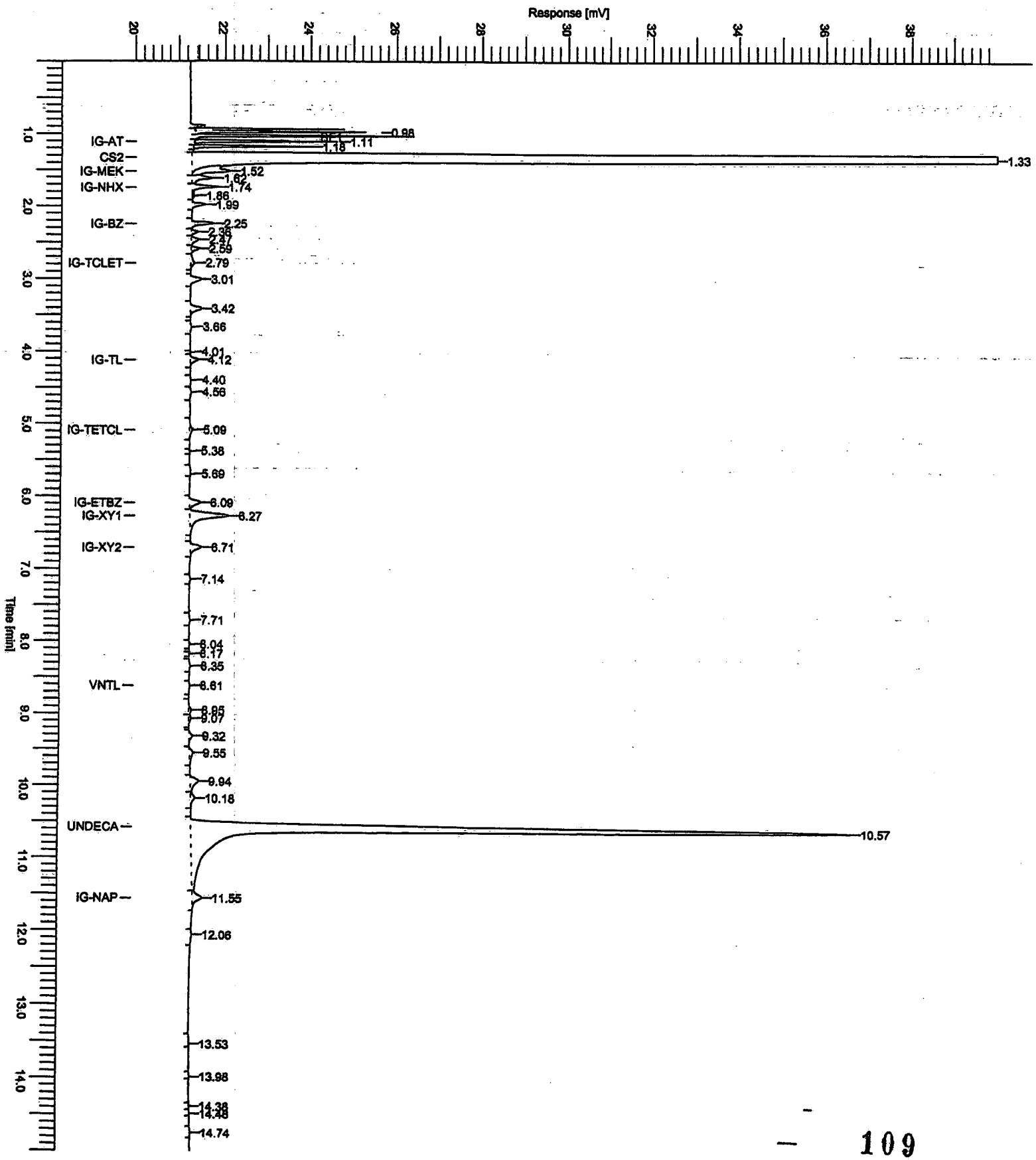
2/27/02 3:35:06 PM Result: C:\PenExe\TcWS\HP-6A\022602A028.rst

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 9.32 | 339 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 9.55 | 546 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 9.94 | 1226 | 1000000 | 0.00 | 1.0 | 1 | 0.0012 |
| | 10.18 | 546 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| Undecane | 10.57 | 86107 | 28413 | 3.03 | 1.0 | 1 | 3.0305 |
| IG-NAP | 11.55 | 1399 | 754 | 1.85 | 1.0 | 1 | 1.8550 |
| | | 298168 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A028.TX0

# Chromatogram

Sample Name : L79047-6A,WG395-45,STD2TUBE  Sample #: 028  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A028.raw
Date : 2/27/02 3:35:11 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 2:20:59 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:35:12 PM |
| Operator | : manager | Sample Name | : L79047-6B,WG39545,STD2TUBE |
| Sample Number | : 029 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/27 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 2:42:53 AM | Cycle | : 29 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A029.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A029.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A029.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

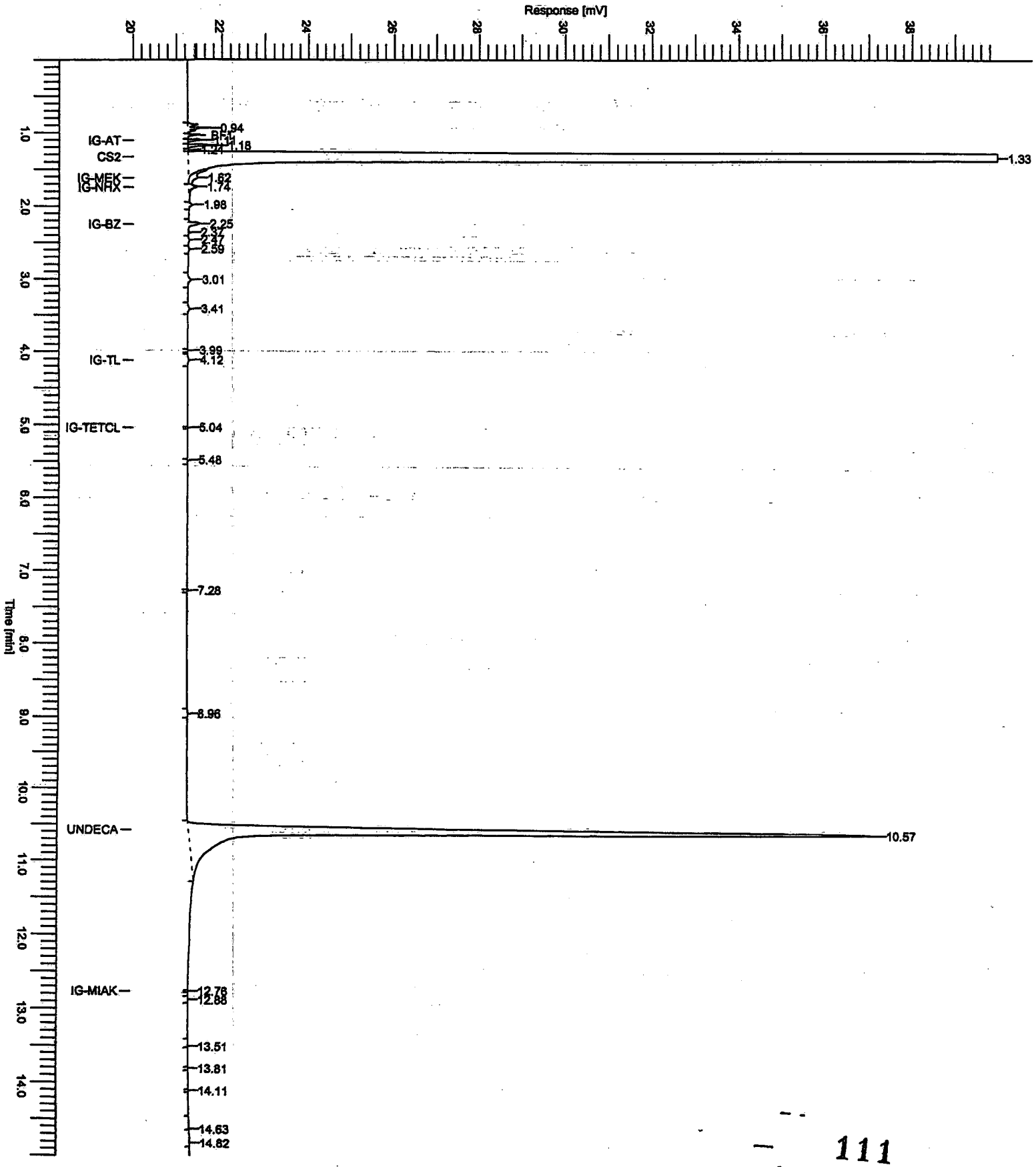
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.94 | 972 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 | All ND |
| IG-AT | 1.11 | 365 | 333 | 1.10 | 1.0 | 1 | 1.0970 | |
| | 1.18 | 812 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 | |
| CS2 | 1.33 | 176893 | 51656 | 3.42 | 1.0 | 1 | 3.4244 | |
| IG-MEK | 1.62 | 1183 | 373 | 3.17 | 1.0 | 1 | 3.1726 | |
| IG-NHX | 1.74 | 706 | 668 | 1.06 | 1.0 | 1 | 1.0566 | |
| IG-BZ | 2.25 | 537 | 691 | 0.78 | 1.0 | 1 | 0.7774 | ND |
| | 3.01 | 246 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | |
| Undecane | 10.57 | 86145 | 28413 | 3.03 | 1.0 | 1 | 3.0318 | |
| | | 267860 | | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A029.TX0

# Chromatogram

Sample Name : L79047-6B,WG395-45,STD2TUBE  Sample #: 029  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A029.raw
Date : 2/27/02 3:35:15 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 2:42:53 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 4:22:35 PM |
| Operator | : manager | Sample Name | : L79047-6A,WG39545,STD2TUBE |
| Sample Number | : 11 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/11 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 8:42:24 PM | Cycle | : 11 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A011.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A011.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 3.72 | 126 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 3.99 | 355 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 4.36 | 4587 | 1000000 | 0.00 | 1.0 | 1 | 0.0046 |
| | 4.72 | 5848 | 1000000 | 0.01 | 1.0 | 1 | 0.0058 |
| | 5.84 | 3948 | 1000000 | 0.00 | 1.0 | 1 | 0.0039 |
| IG-ETOH | 6.00 | 7203 | 223 | 32.30 | 1.0 | 1 | 32.3007 |
| | 6.44 | 3108 | 1000000 | 0.00 | 1.0 | 1 | 0.0031 |
| IG-IPROH | 7.06 | 1055 | 329 | 3.20 | 1.0 | 1 | 3.2018 |
| IG-AT | 7.43 | 955 | 318 | 3.00 | 1.0 | 1 | 3.0002 |
| | 8.64 | 1687 | 1000000 | 0.00 | 1.0 | 1 | 0.0017 |
| CS2 | 9.18 | 397169 | 1000000 | 0.40 | 1.0 | 1 | 0.3972 |
| IG-NHX | 10.12 | 1152 | 655 | 1.76 | 1.0 | 1 | 1.7589 |
| | 12.37 | 326 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 13.68 | 341 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 14.07 | 150 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 14.34 | 497 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 14.84 | 291 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-12DCLET | 15.97 | 975 | 268 | 3.64 | 1.0 | 1 | 3.6364 OK |
| IG-BZ | 16.22 | 1531 | 865 | 1.77 | 1.0 | 1 | 1.7704 |
| | 19.00 | 843 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| | 24.51 | 651 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |

All other ND

2/27/02 4:22:35 PM Result:

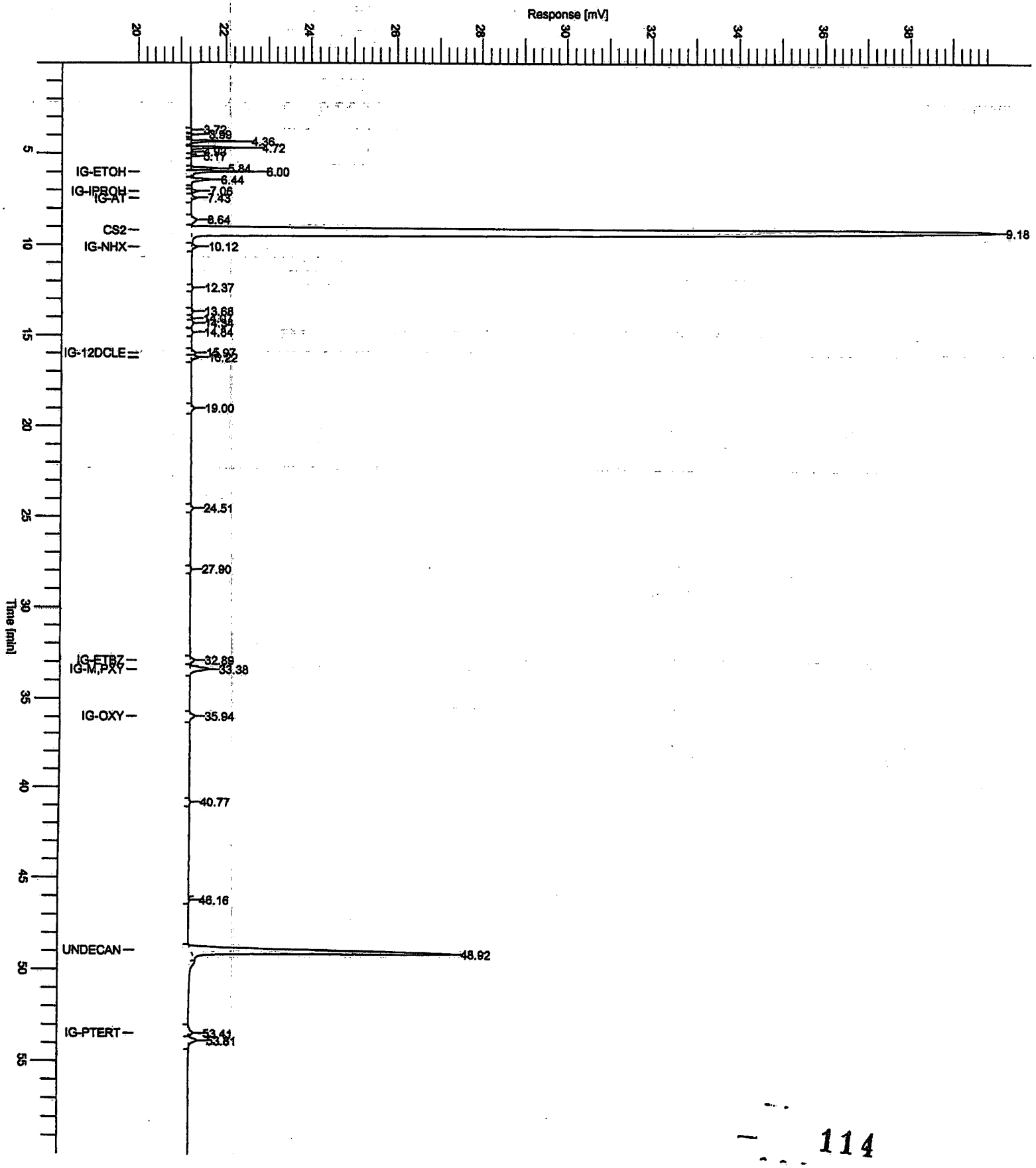
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 27.90 | 221 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-ETBZ | 32.89 | 1196 | 690 | 1.73 | 1.0 | 1 | 1.7333 |
| IG-XY | 33.38 | 6912 | 674 | 10.26 | 1.0 | 1 | 10.2606 |
| | 40.77 | 305 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 46.16 | 260 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| UNDECANE | 48.92 | 85392 | 3472 | 24.59 | 1.0 | 1 | 24.5930 |
| IG-PTERTBUTL | 53.41 | 1946 | 658 | 2.96 | 1.0 | 1 | 2.9582 |
| | 53.81 | 3122 | 1000000 | 0.00 | 1.0 | 1 | 0.0031 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A011.TX0

# Chromatogram

Sample Name : L79047-6A,WG395-45,STD2TUBE  Sample #: 11  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A011.raw
Date : 2/27/02 4:22:41 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/26/02 8:42:24 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:29:13 AM |
| Operator | : manager | Sample Name | : L79047-6B,WG39545,STD2TUBE |
| Sample Number | : 51 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/51 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/28/02 7:18:01 PM | Cycle | : 51 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A051.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A051.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A051.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.26 | 160 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 4.66 | 579 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| | 5.04 | 184 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 6.24 | 385 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 6.41 | 203 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 6.87 | 450 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 7.52 | 436 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| CS2 | 9.18 | 210 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 9.72 | 406415 | 1000000 | 0.41 | 1.0 | 1 | 0.4064 |
| | 10.74 | 170 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 16.82 | 262 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 17.11 | 709 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 50.31 | 94660 | 1000000 | 0.09 | 1.0 | 1 | 0.0947 |

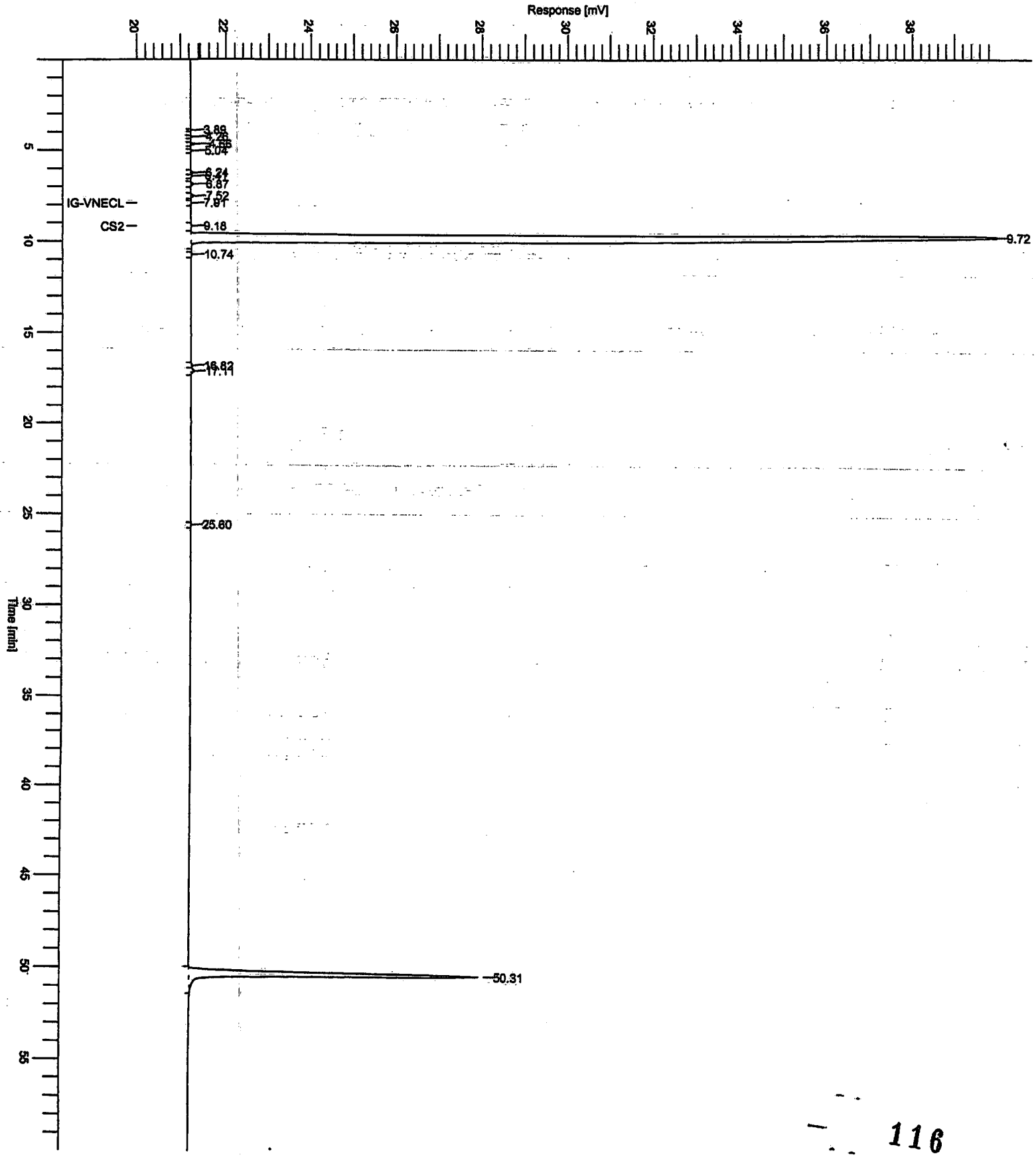
All <DL

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A051.TX0

# Chromatogram

Sample Name : L79047-6B,WG395545,STD2TUBE  Sample #: 51  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A051.raw
Date : 3/4/02 10:29:18 AM
Method : hp#2 orgprof  Time of Injection: 2/28/02 7:18:01 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV

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| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:35:16 PM |
| Operator | : manager | Sample Name | : L79047-7A,WG39545,STD2TUBE |
| Sample Number | : 030 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/28 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 3:04:43 AM | Cycle | : 30 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A030.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A030.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A030.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | Bz correct for blank −287 |
|---|---|---|---|---|---|---|---|---|
| | 0.98 | 6483 | 1000000 | 0.01 | 1.0 | 1 | 0.0065 | |
| IG-AT | 1.11 | 6353 | 333 | 19.08 | 1.0 | 1 | 19.0768 | VNTL<DL |
| | 1.18 | 4602 | 1000000 | 0.00 | 1.0 | 1 | 0.0046 | |
| CS2 | 1.33 | 174566 | 51656 | 3.38 | 1.0 | 1 | 3.3794 | |
| IG-MEK | 1.52 | 4277 | 373 | 11.47 | 1.0 | 1 | 11.4653 | |
| | 1.62 | 1576 | 1000000 | 0.00 | 1.0 | 1 | 0.0016 | |
| IG-NHX | 1.74 | 1865 | 668 | 2.79 | 1.0 | 1 | 2.7925 | |
| | 1.86 | 462 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | |
| | 1.99 | 1060 | 1000000 | 0.00 | 1.0 | 1 | 0.0011 | |
| IG-BZ | 2.25 | 1506 -287=1219 | 691 | 2.18 | 1.0 | 1 | ~~2.4795~~ 1.76 <DL | |
| | 2.36 | 532 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | |
| | 2.47 | 625 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | |
| | 2.59 | 526 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | |
| IG-TCLETE | 2.79 | 512 | 163 | 3.14 | 1.0 | 1 | 3.1427 <DL | |
| | 3.01 | 1030 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 | |
| | 3.41 | 1072 | 1000000 | 0.00 | 1.0 | 1 | 0.0011 | |
| IG-TL | 4.12 | 839 | 708 | 1.19 | 1.0 | 1 | 1.1856 <DL | |
| | 4.56 | 206 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | |
| IG-TETCLETE | 5.08 | 505 | 135 | 3.74 | 1.0 | 1 | 3.7374 | |
| IG-ETBZ | 6.09 | 254 | 583 | 0.44 | 1.0 | 1 | 0.4352 <DL | |
| IG-XY | 6.27 | 1141 | 584 | 1.95 | 1.0 | 1 | 1.9545 <DL | |

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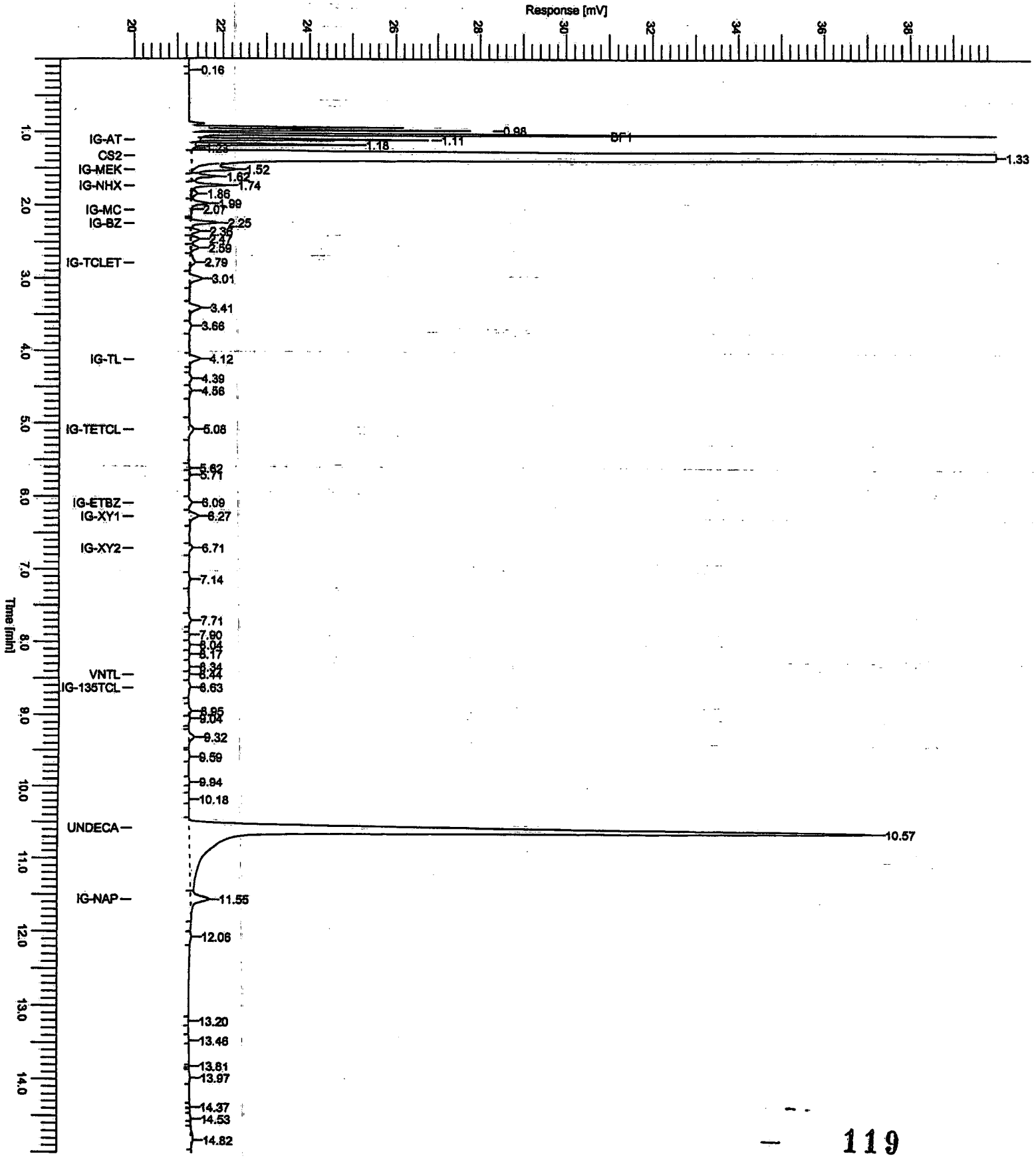
2/27/02 3:35:16 PM Result: C:\PenExe\TcWS\HP-6A\022602A030.rst

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| IG-135TCLBZ | 8.63 | 217 | 115 | 1.88 | 1.0 | 1 | 1.8816 |
| | 8.95 | 223 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 9.32 | 577 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| Undecane | 10.57 | 90271 | 28413 | 3.18 | 1.0 | 1 | 3.1770 |
| IG-NAP | 11.55 | 2834 | 754 | 3.76 | 1.0 | 1 | 3.7581 <DL |
| | 14.82 | 442 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | | 304557 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A030.TX0

# Chromatogram

Sample Name : L79047-7A,WG39545,STD2TUBE  Sample #: 030  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A030.raw
Date : 2/27/02 3:35:21 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 3:04:43 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:35:23 PM |
| Operator | : manager | Sample Name | : L79047-7B,WG39545,STD2TUBE |
| Sample Number | : 031 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/29 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 3:26:33 AM | Cycle | : 31 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A031.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A031.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A031.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

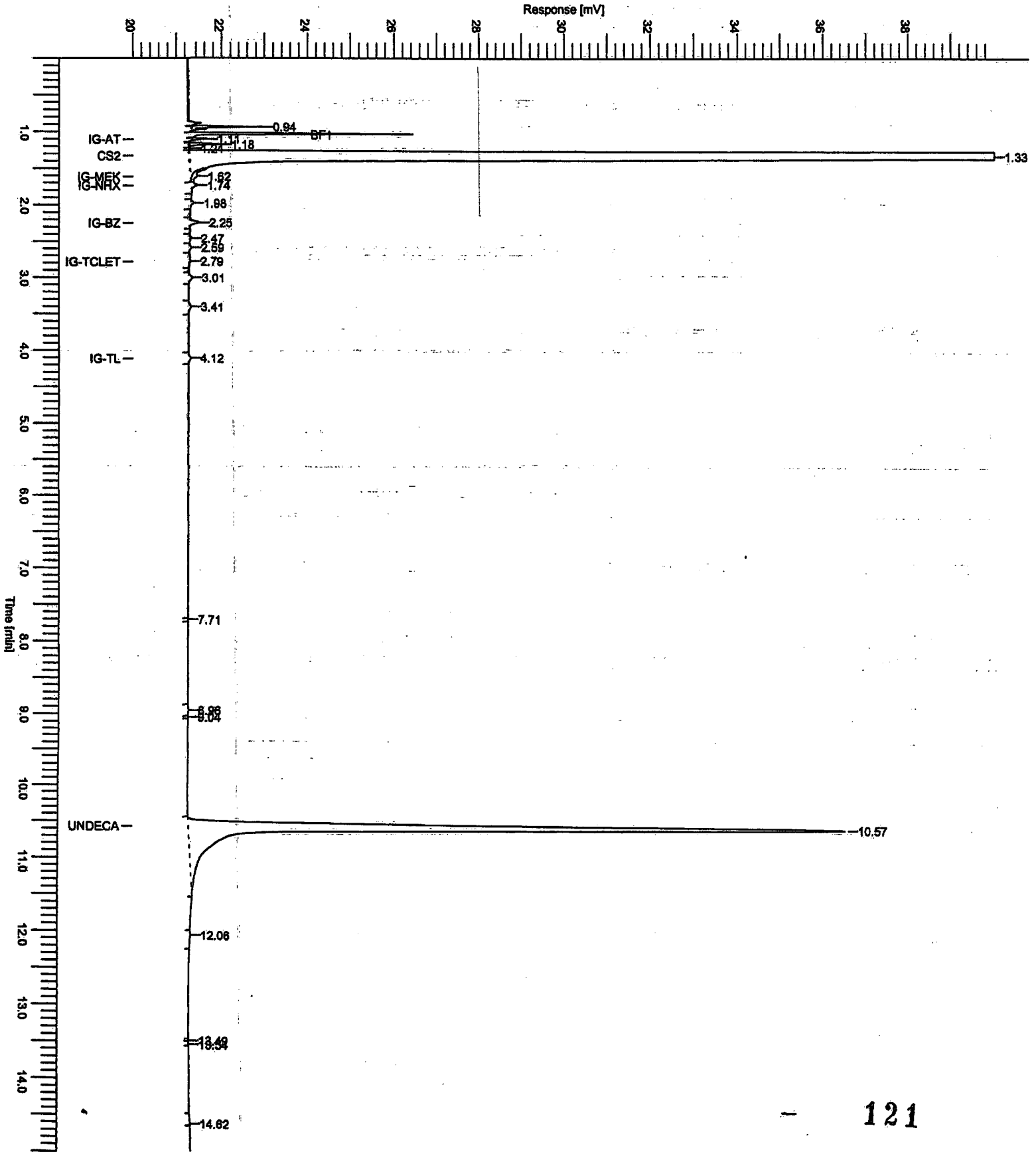
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.94 | 1841 | 1000000 | 0.00 | 1.0 | 1 | 0.0018 | All ND |
| IG-AT | 1.11 | 384 | 333 | 1.15 | 1.0 | 1 | 1.1522 | |
| | 1.18 | 908 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 | |
| CS2 | 1.33 | 177646 | 51656 | 3.44 | 1.0 | 1 | 3.4390 | |
| IG-MEK | 1.62 | 1053 | 373 | 2.82 | 1.0 | 1 | 2.8238 | |
| IG-NHX | 1.74 | 398 | 668 | 0.60 | 1.0 | 1 | 0.5955 | |
| IG-BZ | 2.25 | 493 | 691 | 0.71 | 1.0 | 1 | 0.7128 | ND |
| | 3.01 | 235 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | |
| Undecane | 10.57 | 85976 | 28413 | 3.03 | 1.0 | 1 | 3.0259 | |
| | | 268933 | | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A031.TX0

# Chromatogram

Sample Name : L79047-7B,WG39545,STD2TUBE  Sample #: 031  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A031.raw
Date : 2/27/02 3:35:25 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 3:26:33 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 4:41:42 PM |
| Operator | : manager | Sample Name | : L79047-7A,WG39545,STD2TUBE |
| Sample Number | : 12 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/12 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 9:50:24 PM | Cycle | : 12 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A012.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A012.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 3.99 | 382 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 4.37 | 6142 | 1000000 | 0.01 | 1.0 | 1 | 0.0061 |
| | 4.72 | 8913 | 1000000 | 0.01 | 1.0 | 1 | 0.0089 |
| | 5.85 | 6204 | 1000000 | 0.01 | 1.0 | 1 | 0.0062 |
| IG-ETOH | 6.00 | 27913 | 223 | 125.17 | 1.0 | 1 | 125.1717 |
| | 6.44 | 4759 | 1000000 | 0.00 | 1.0 | 1 | 0.0048 |
| IG-IPROH | 7.07 | 1196 | 329 | 3.63 | 1.0 | 1 | 3.6321 |
| IG-AT | 7.44 | 1235 | 318 | 3.88 | 1.0 | 1 | 3.8797 |
| | 8.65 | 2141 | 1000000 | 0.00 | 1.0 | 1 | 0.0021 |
| CS2 | 9.19 | 396931 | 1000000 | 0.40 | 1.0 | 1 | 0.3969 |
| | 10.13 | 1595 | 1000000 | 0.00 | 1.0 | 1 | 0.0016 |
| | 12.38 | 532 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-CLF | 13.32 | 267 | 75 | 3.56 | 1.0 | 1 | 3.5618 OK |
| | 13.69 | 515 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 14.07 | 194 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 14.35 | 589 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| | 14.85 | 550 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-12DCLET | 15.98 | 1236 | 268 | 4.61 | 1.0 | 1 | 4.6138 OK |
| IG-BZ | 16.23 | 1887 | 865 | 2.18 | 1.0 | 1 | 2.1814 |
| | 19.01 | 969 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 |
| | 23.74 | 176 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |

All other <DL

2/27/02 4:41:42 PM Result:

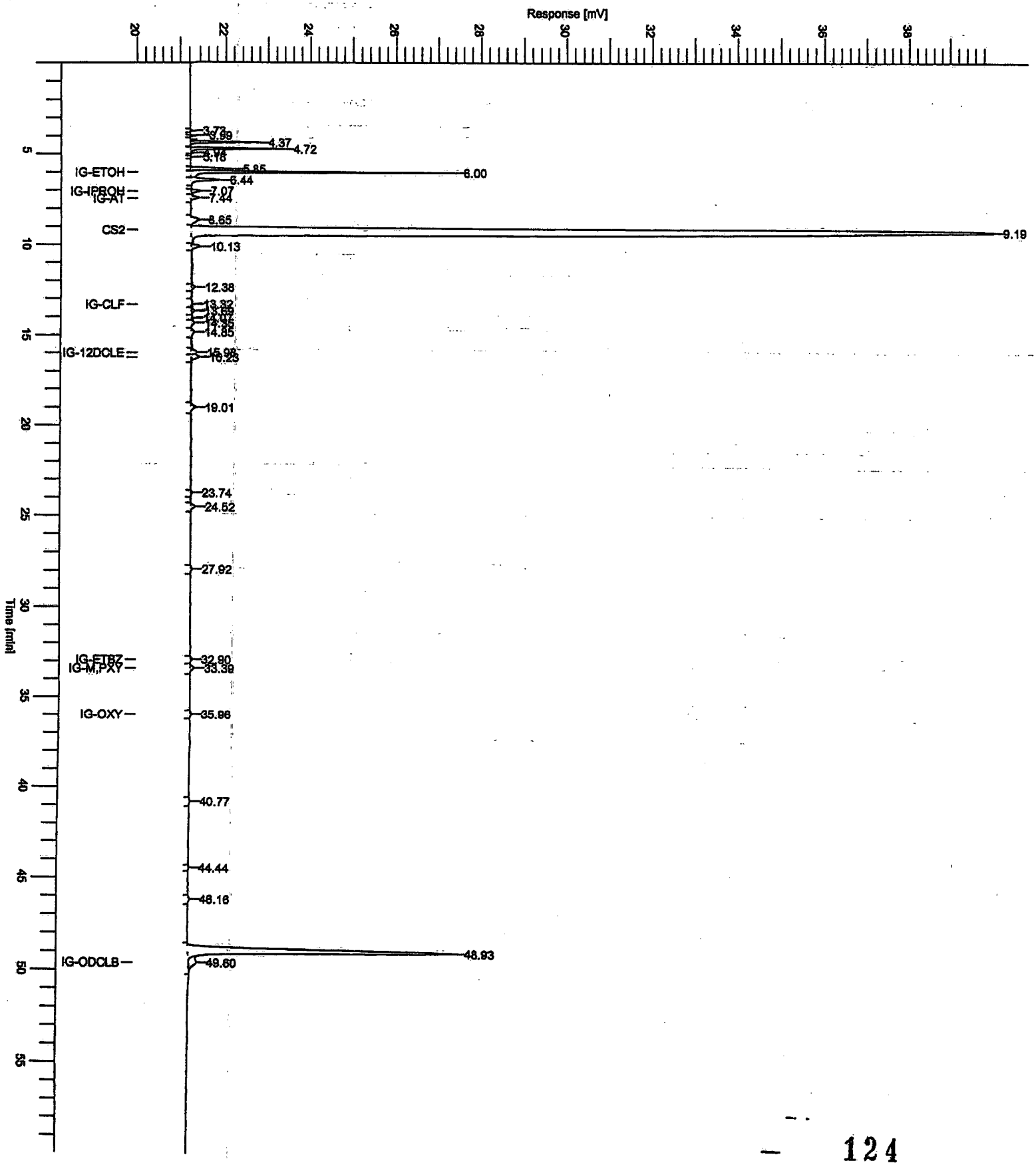
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 24.52 | 1023 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 |
| | 27.92 | 327 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-ETBZ | 32.90 | 318 | 690 | 0.46 | 1.0 | 1 | 0.4605 |
| IG-XY | 33.39 | 1641 | 674 | 2.44 | 1.0 | 1 | 2.4365 |
| | 40.77 | 356 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 44.44 | 130 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 46.16 | 524 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 48.93 | 89241 | 1000000 | 0.09 | 1.0 | 1 | 0.0892 |
| IG-ODCLBZ | 49.60 | 5300 | 498 | 10.64 | 1.0 | 1 | 10.6435 OK |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A012.TX0

# Chromatogram

Sample Name : L79047-7A,WG39545,STD2TUBE  Sample #: 12  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A012.raw
Date : 2/27/02 4:41:48 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/26/02 9:50:24 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:29:19 AM |
| Operator | : manager | Sample Name | : L79047-7B,WG39545,STD2TUBE |
| Sample Number | : 52 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/52 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/28/02 8:24:52 PM | Cycle | : 52 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A052.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A052.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A052.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.44 | 906 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 |
| | 4.80 | 282 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-ETOH | 5.93 | 374 | 223 | 1.68 | 1.0 | 1 | 1.6760 |
| | 6.09 | 3229 | 1000000 | 0.00 | 1.0 | 1 | 0.0032 |
| | 6.52 | 538 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-IPROH | 7.15 | 422 | 329 | 1.28 | 1.0 | 1 | 1.2803 |
| | 8.72 | 216 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| CS2 | 9.28 | 402374 | 1000000 | 0.40 | 1.0 | 1 | 0.4024 |
| | 10.22 | 430 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| IG-NBUOH | 16.09 | 279 | 403 | 0.69 | 1.0 | 1 | 0.6933 |
| IG-BZ | 16.33 | 740 | 865 | 0.86 | 1.0 | 1 | 0.8558 |
| | 24.65 | 128 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| UNDECANE | 49.08 | 100279 | 3472 | 28.88 | 1.0 | 1 | 28.8804 |

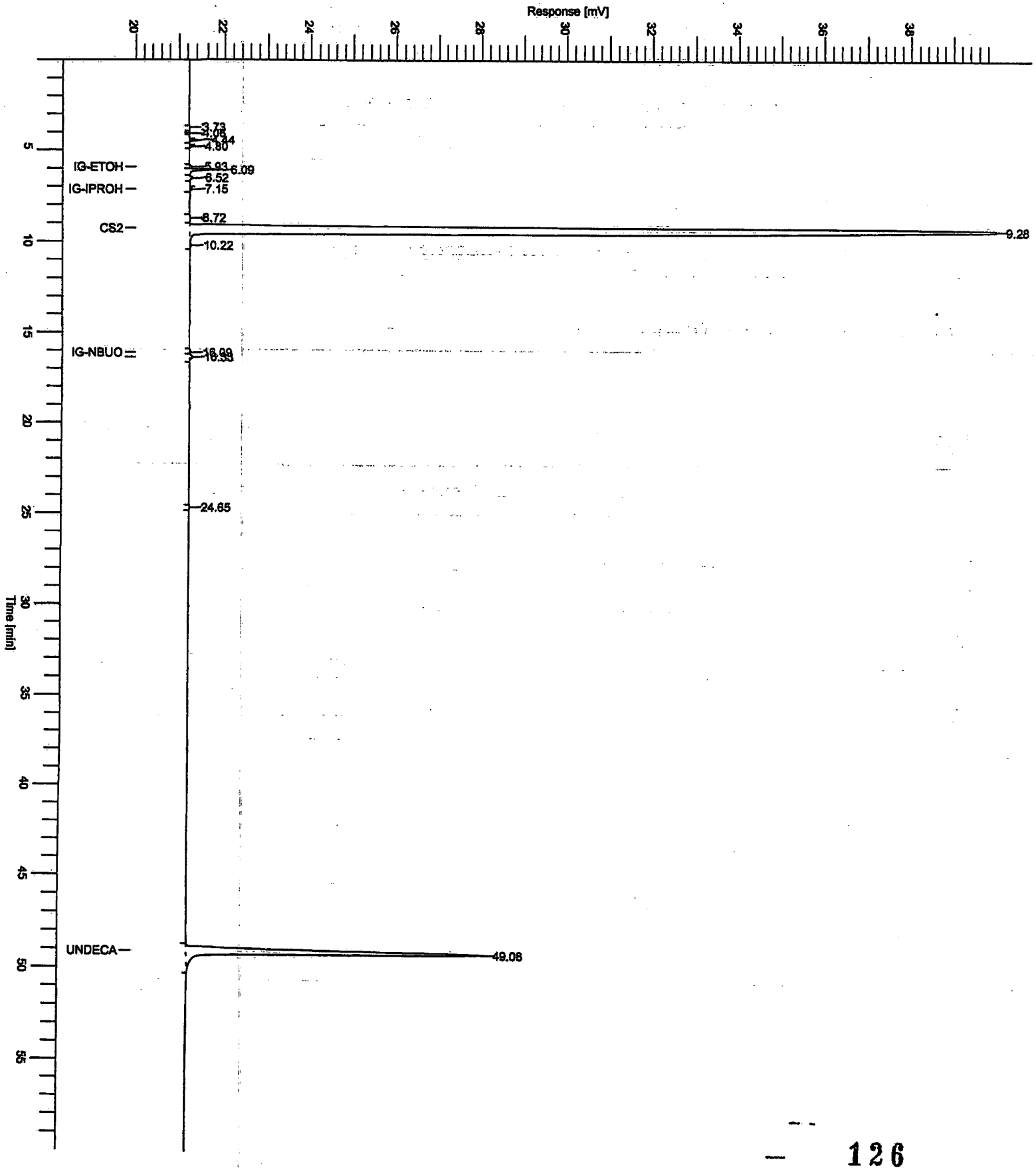
All<DL

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A052.TX0

# Chromatogram

Sample Name : L79047-7B,WG39545,STD2TUBE  Sample #: 52  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A052.raw
Date : 3/4/02 10:29:23 AM
Method : hp#2 orgprof  Time of Injection: 2/28/02 8:24:52 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:35:26 PM |
| Operator | : manager | Sample Name | : L79047-8A,WG39545,STD2TUBE |
| Sample Number | : 032 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/30 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 3:48:20 AM | Cycle | : 32 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A032.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A032.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A032.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.98 | 7895 | 1000000 | 0.01 | 1.0 | 1 | 0.0079 |
| IG-AT | 1.11 | 7097 | 333 | 21.31 | 1.0 | 1 | 21.3121 |
| | 1.18 | 5082 | 1000000 | 0.01 | 1.0 | 1 | 0.0051 |
| CS2 | 1.33 | 175810 | 51656 | 3.40 | 1.0 | 1 | 3.4035 |
| IG-MEK | 1.52 | 4359 | 373 | 11.69 | 1.0 | 1 | 11.6863 |
| | 1.62 | 1619 | 1000000 | 0.00 | 1.0 | 1 | 0.0016 |
| IG-NHX | 1.74 | 1879 | 668 | 2.81 | 1.0 | 1 | 2.8129 |
| | 1.85 | 371 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 1.99 | 1083 | 1000000 | 0.00 | 1.0 | 1 | 0.0011 |
| IG-BZ | 2.25 | 1443 287 = 115% | 691 | 2.09 | 1.0 | 1 | ~~2.0879~~ 1.693 <DL |
| | 2.36 | 552 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| | 2.47 | 604 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| | 2.59 | 510 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-TCLETE | 2.79 | 459 | 163 | 2.81 | 1.0 | 1 | 2.8147 <DL |
| | 3.01 | 1010 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 |
| | 3.41 | 1007 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 |
| IG-TL | 4.12 | 689 | 708 | 0.97 | 1.0 | 1 | 0.9733 <DL |
| | 4.56 | 209 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-TETCLETE | 5.09 | 455 | 135 | 3.37 | 1.0 | 1 | 3.3687 |
| IG-XY | 6.27 | 846 | 584 | 1.45 | 1.0 | 1 | 1.4492 <DL |
| | 9.32 | 418 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |

Bz correct from blank (-287)

ETBZ/VNTL<DL

127

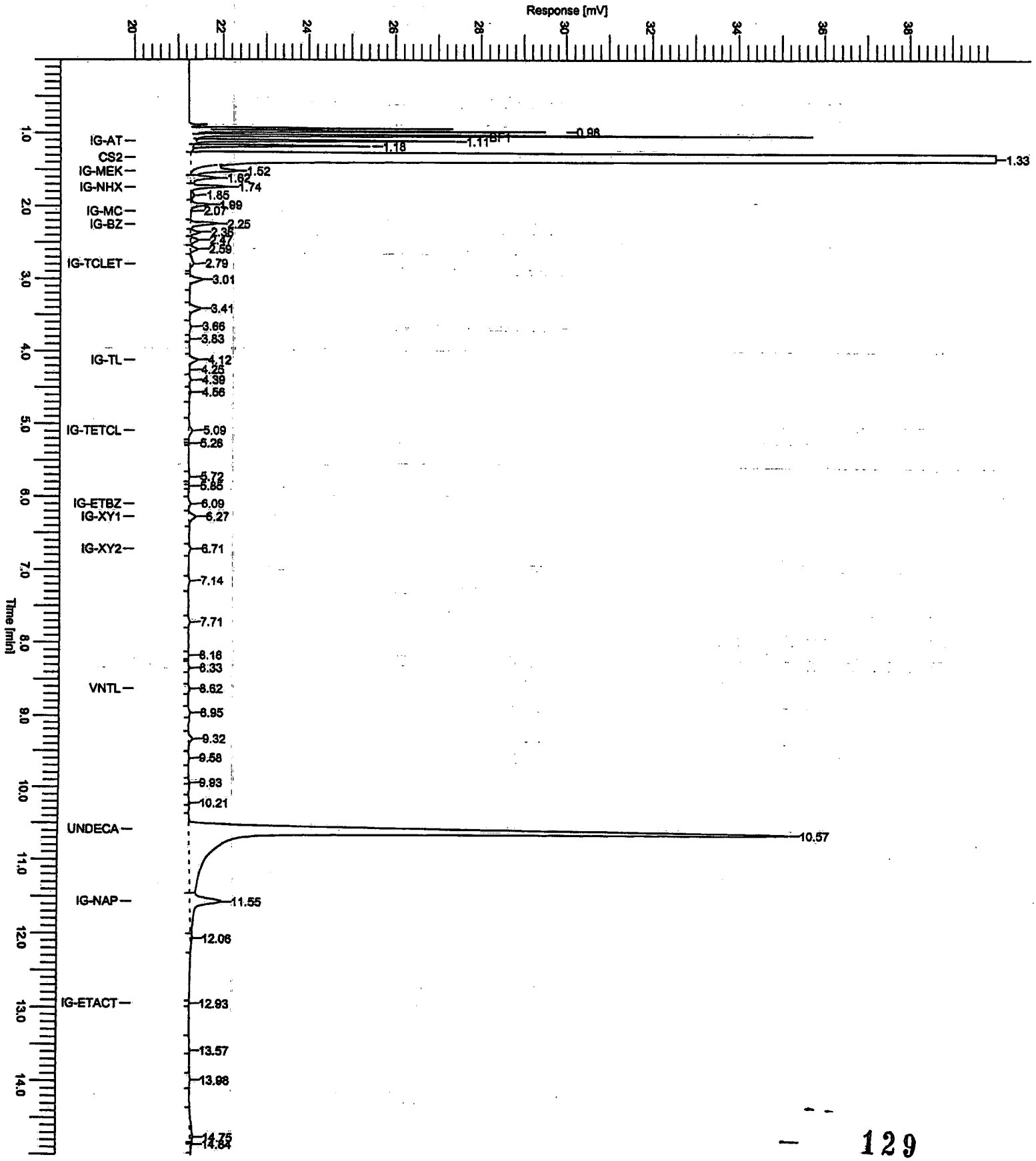
2/27/02 3:35:26 PM Result: C:\PenExe\TcWS\HP-6A\022602A032.rst

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| Undecane | 10.57 | 85404 | 28413 | 3.01 | 1.0 | 1 | 3.0058 |
| IG-NAP | 11.55 | 5887 | 754 | 7.81 | 1.0 | 1 | 7.8059 ok |
| | 12.06 | 315 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 14.75 | 834 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| | | 305837 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A032.TX0

# Chromatogram

Sample Name : L79047-8A,WG39545,STD2TUBE  Sample #: 032  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A032.raw
Date : 2/27/02 3:35:31 PM
Method : hp#6a rbx 1  Time of Injection: 2/27/02 3:48:20 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:35:33 PM |
| Operator | : manager | Sample Name | : L79047-8B,WG39545,STD2TUBE |
| Sample Number | : 033 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/31 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 4:10:10 AM | Cycle | : 33 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A033.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A033.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A033.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

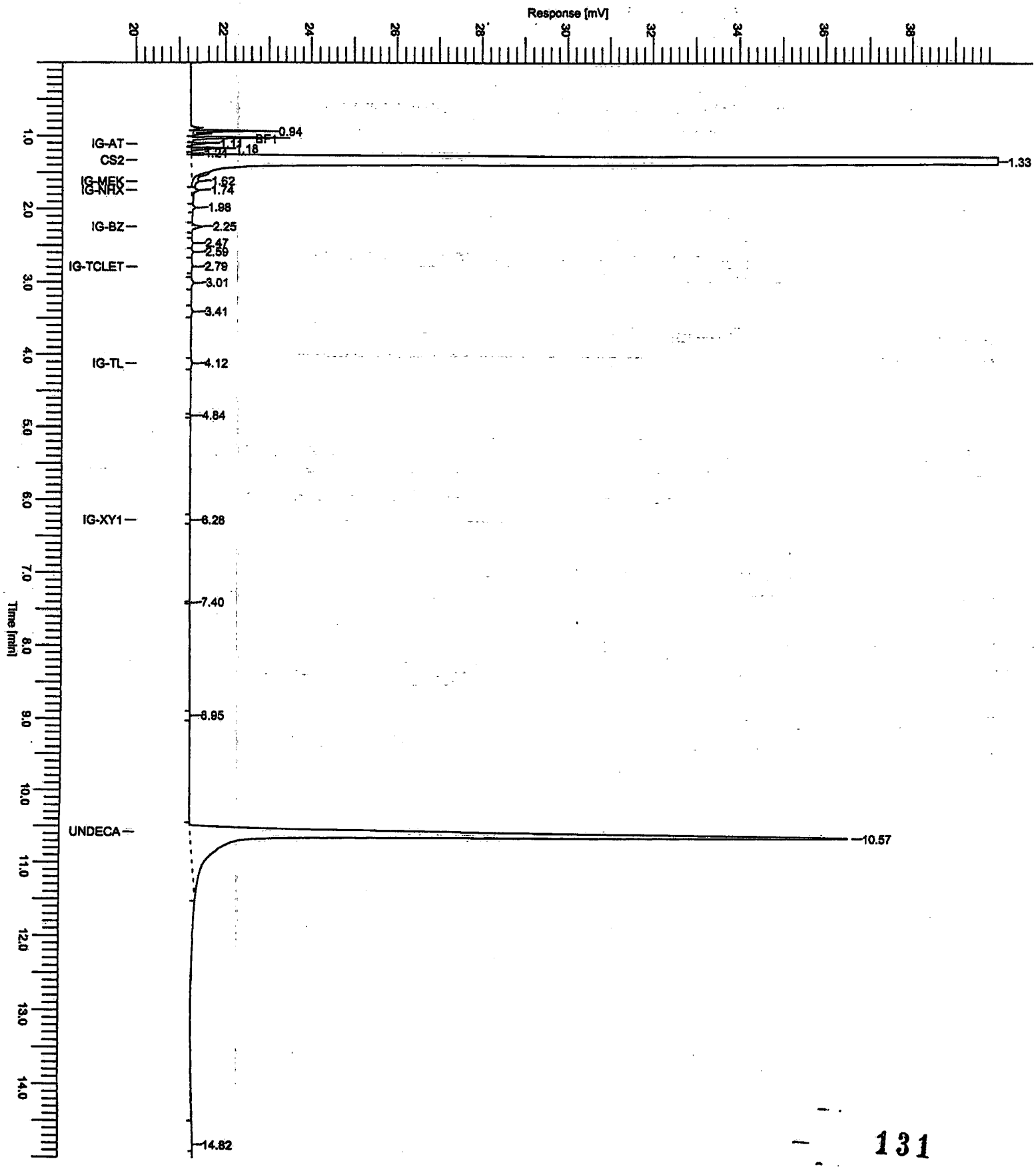
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.94 | 1904 | 1000000 | 0.00 | 1.0 | 1 | 0.0019 |
| IG-AT | 1.11 | 373 | 333 | 1.12 | 1.0 | 1 | 1.1191 |
| | 1.18 | 893 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 |
| CS2 | 1.33 | 177751 | 51656 | 3.44 | 1.0 | 1 | 3.4410 |
| IG-MEK | 1.62 | 1166 | 373 | 3.13 | 1.0 | 1 | 3.1273 |
| IG-NHX | 1.74 | 693 | 668 | 1.04 | 1.0 | 1 | 1.0382 |
| IG-BZ | 2.25 | 481 | 691 | 0.70 | 1.0 | 1 | 0.6956 <DL |
| Undecane | 10.57 | 86885 | 28413 | 3.06 | 1.0 | 1 | 3.0579 |
| | | 270146 | | | | | |

All <DL

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A033.TX0

# Chromatogram

Sample Name : L79047-8B,WG39545,STD2TUBE  Sample #: 033  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A033.raw
Date : 2/27/02 3:35:35 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 4:10:10 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 4:44:02 PM |
| Operator | : manager | Sample Name | : L79047-8A,WG39545,STD2TUBE |
| Sample Number | : 13 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/13 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 10:58:25 PM | Cycle | : 13 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A013.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A013.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.00 | 396 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 4.38 | 6441 | 1000000 | 0.01 | 1.0 | 1 | 0.0064 |
| | 4.73 | 9754 | 1000000 | 0.01 | 1.0 | 1 | 0.0098 |
| | 5.85 | 6463 | 1000000 | 0.01 | 1.0 | 1 | 0.0065 |
| IG-ETOH | 6.01 | 18861 | 223 | 84.58 | 1.0 | 1 | 84.5774 |
| | 6.45 | 4974 | 1000000 | 0.00 | 1.0 | 1 | 0.0050 |
| IG-IPROH | 7.08 | 1209 | 329 | 3.67 | 1.0 | 1 | 3.6713 |
| | 7.45 | 1546 | 1000000 | 0.00 | 1.0 | 1 | 0.0015 |
| | 8.66 | 2139 | 1000000 | 0.00 | 1.0 | 1 | 0.0021 |
| CS2 | 9.20 | 398647 | 1000000 | 0.40 | 1.0 | 1 | 0.3986 |
| | 10.14 | 1494 | 1000000 | 0.00 | 1.0 | 1 | 0.0015 |
| | 12.40 | 569 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| | 13.71 | 426 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 14.38 | 427 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 14.87 | 594 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| IG-12DCLET | 15.99 | 1236 | 268 | 4.61 | 1.0 | 1 | 4.6122 OK |
| IG-BZ | 16.24 | 1857 | 865 | 2.15 | 1.0 | 1 | 2.1469 |
| | 19.03 | 954 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 |
| | 23.76 | 175 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 24.53 | 821 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| | 27.94 | 262 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |

All other <DL

2/27/02 4:44:02 PM Result:

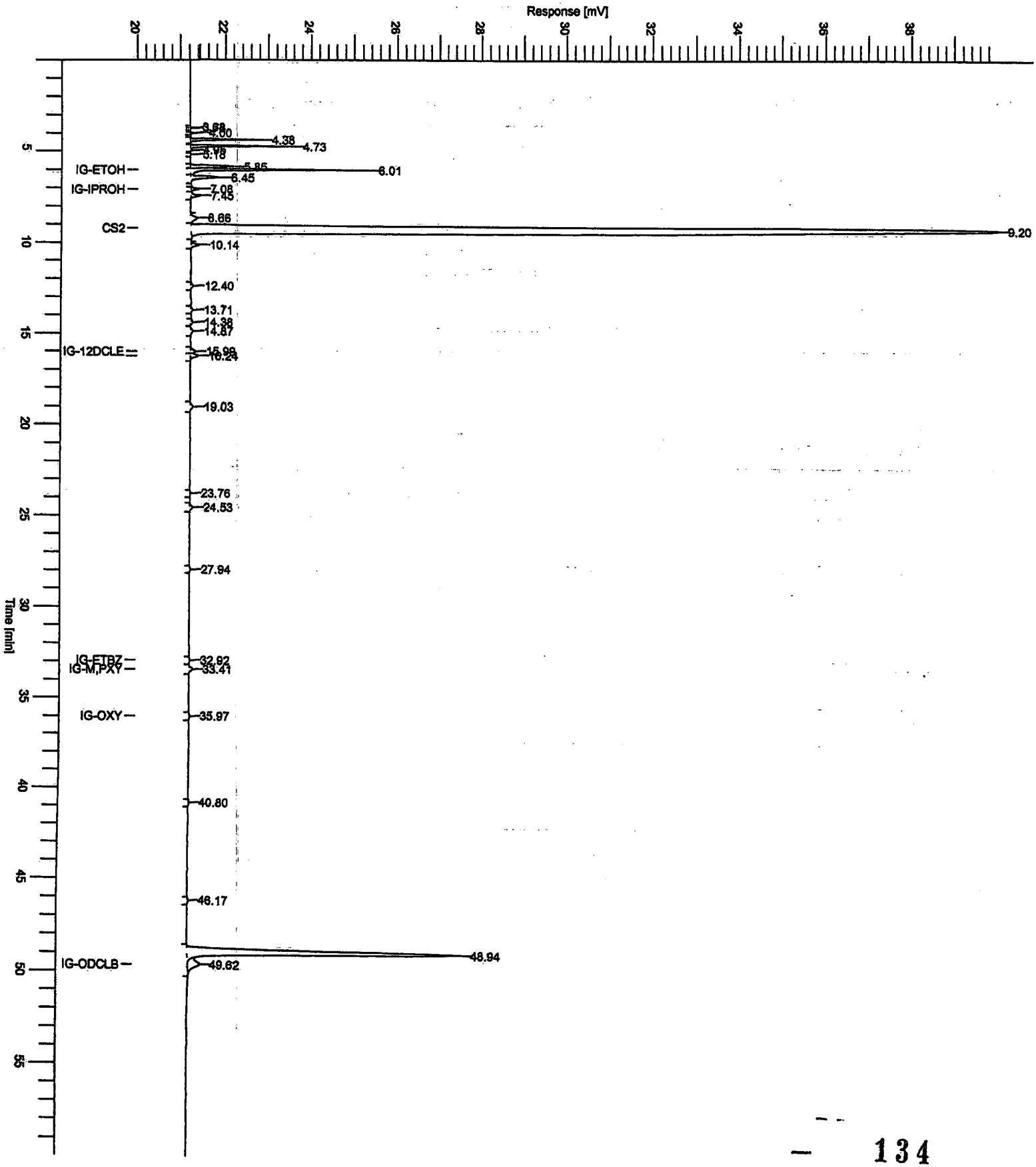
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| IG-ETBZ | 32.92 | 244 | 690 | 0.35 | 1.0 | 1 | 0.3532 |
| IG-XY | 33.41 | 1316 | 674 | 1.95 | 1.0 | 1 | 1.9534 |
| | 40.80 | 228 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 46.17 | 402 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 48.94 | 90912 | 1000000 | 0.09 | 1.0 | 1 | 0.0909 |
| IG-ODCLBZ | 49.62 | 7426 | 498 | 14.91 | 1.0 | 1 | 14.9115 OK |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A013.TX0

# Chromatogram

Sample Name : L79047-8A,WG395545,STD2TUBE  Sample #: 13  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A013.raw
Date : 2/27/02 4:44:07 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/26/02 10:58:25 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:29:25 AM |
| Operator | : manager | Sample Name | : L79047-8B,WG39545,STD2TUBE |
| Sample Number | : 53 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/53 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/28/02 9:31:41 PM | Cycle | : 53 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A053.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A053.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A053.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

All <DL

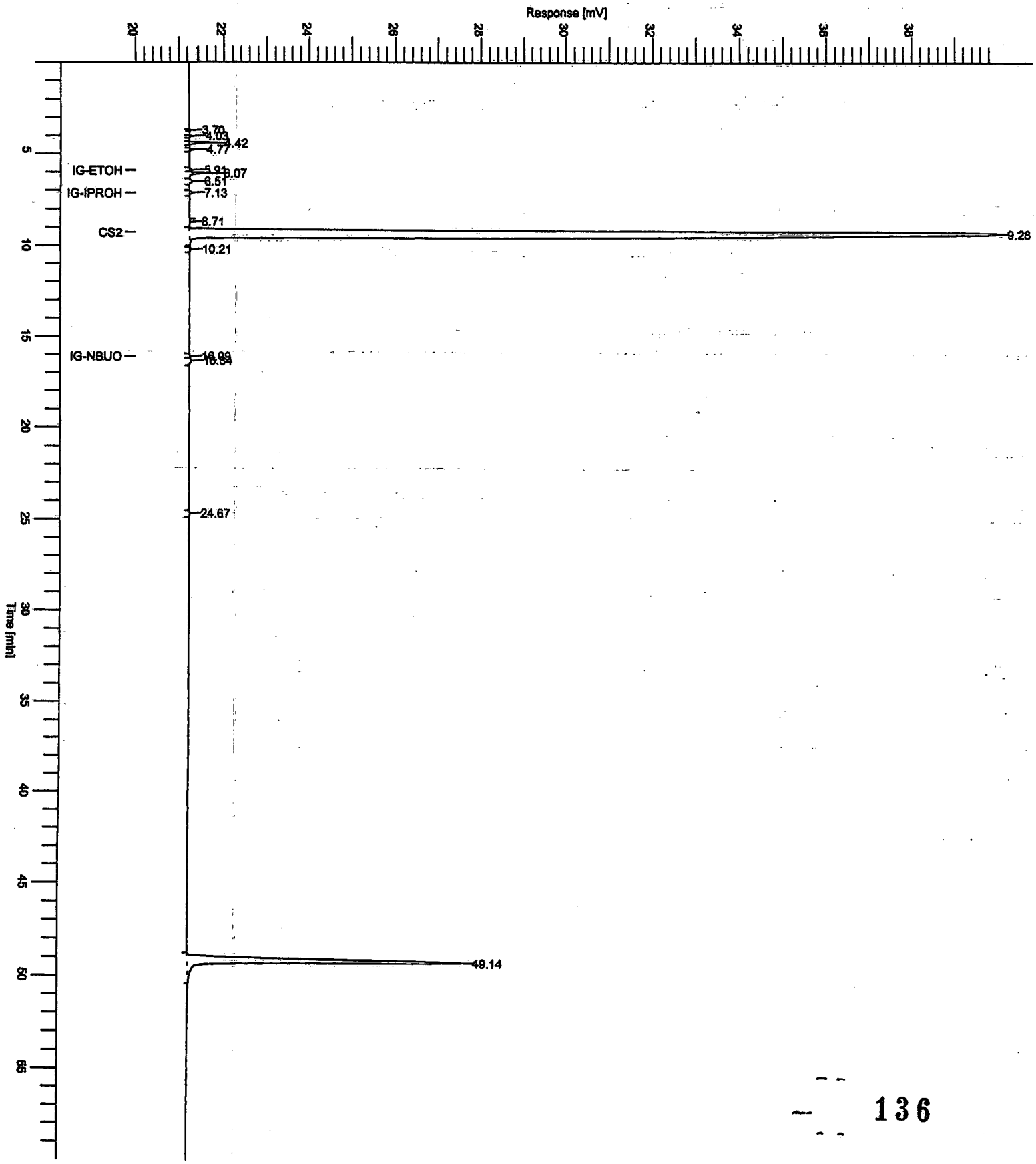
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.03 | 243 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 4.42 | 2149 | 1000000 | 0.00 | 1.0 | 1 | 0.0021 |
| | 4.77 | 528 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-ETOH | 5.91 | 407 | 223 | 1.82 | 1.0 | 1 | 1.8231 |
| | 6.07 | 2492 | 1000000 | 0.00 | 1.0 | 1 | 0.0025 |
| | 6.51 | 534 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-IPROH | 7.13 | 473 | 329 | 1.44 | 1.0 | 1 | 1.4370 |
| | 8.71 | 190 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| CS2 | 9.28 | 403406 | 1000000 | 0.40 | 1.0 | 1 | 0.4034 |
| | 10.21 | 149 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| IG-NBUOH | 16.09 | 183 | 403 | 0.45 | 1.0 | 1 | 0.4537 |
| | 16.34 | 655 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 24.67 | 158 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 49.14 | 93376 | 1000000 | 0.09 | 1.0 | 1 | 0.0934 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A053.TX0

# Chromatogram

Sample Name : L79047-8B,WG39545,STD2TUBE  Sample #: 53  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022802A053.raw
Date : 3/4/02 10:29:29 AM
Method : hp#2 orgprof  Time of Injection: 2/28/02 9:31:41 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:35:37 PM |
| Operator | : manager | Sample Name | : L79047-9A,WG39545,STD2TUBE |
| Sample Number | : 034 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/32 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 4:31:56 AM | Cycle | : 34 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A034.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A034.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A034.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | Bz correct from blank (-287) |
|---|---|---|---|---|---|---|---|---|
| | 0.98 | 7624 | 1000000 | 0.01 | 1.0 | 1 | 0.0076 | |
| IG-AT | 1.11 | 7079 | 333 | 21.26 | 1.0 | 1 | 21.2570 | |
| | 1.18 | 5013 | 1000000 | 0.01 | 1.0 | 1 | 0.0050 | |
| CS2 | 1.33 | 175570 | 51656 | 3.40 | 1.0 | 1 | 3.3988 | VNTL<DL |
| IG-MEK | 1.52 | 4634 | 373 | 12.42 | 1.0 | 1 | 12.4223 | |
| | 1.62 | 1600 | 1000000 | 0.00 | 1.0 | 1 | 0.0016 | |
| IG-NHX | 1.74 | 1935 | 668 | 2.90 | 1.0 | 1 | 2.8963 | |
| | 1.85 | 257 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 1.98 | 981 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 | |
| IG-BZ | 2.24 | 1601-287=1314 | 691 | 2.32 | 1.0 | 1 | ~~2.3167~~ 1.902 | <DL |
| | 2.36 | 595 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | |
| | 2.47 | 670 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 | |
| | 2.59 | 557 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | |
| IG-TCLETE | 2.79 | 513 | 163 | 3.15 | 1.0 | 1 | 3.1476 | <DL |
| | 3.01 | 1063 | 1000000 | 0.00 | 1.0 | 1 | 0.0011 | |
| | 3.41 | 1128 | 1000000 | 0.00 | 1.0 | 1 | 0.0011 | |
| IG-TL | 4.11 | 772 | 708 | 1.09 | 1.0 | 1 | 1.0907 | <DL |
| | 4.56 | 213 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | |
| IG-TETCLETE | 5.08 | 442 | 135 | 3.27 | 1.0 | 1 | 3.2719 | |
| IG-ETBZ | 6.09 | 221 | 583 | 0.38 | 1.0 | 1 | 0.3783 | <DL |
| IG-XY | 6.27 | 990 | 584 | 1.69 | 1.0 | 1 | 1.6944 | <DL |

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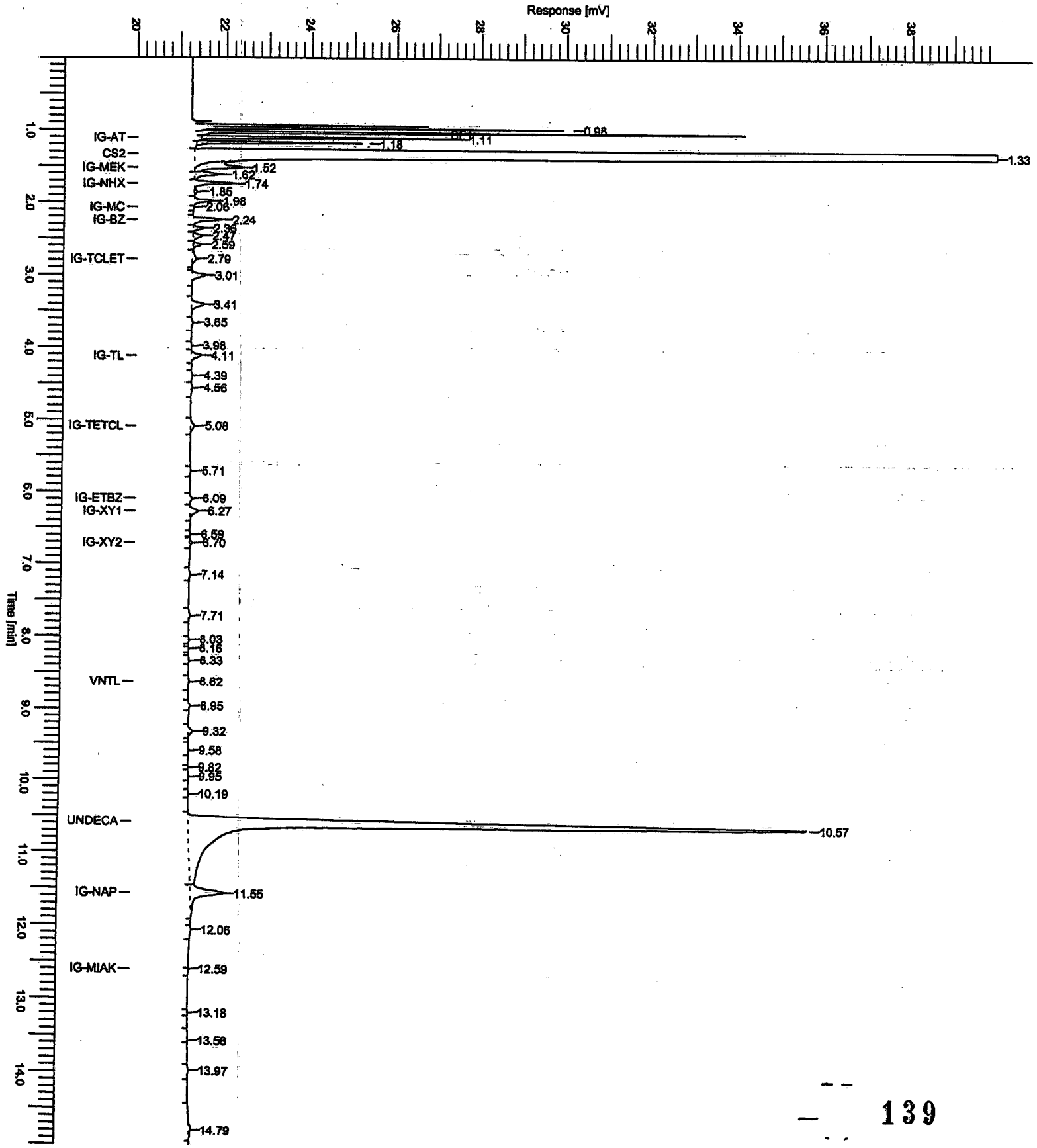
2/27/02 3:35:37 PM Result: C:\PenExe\TcWS\HP-6A\022602A034.rst

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 9.32 | 421 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| Undecane | 10.57 | 86481 | 28413 | 3.04 | 1.0 | 1 | 3.0437 |
| IG-NAP | 11.55 | 4892 | 754 | 6.49 | 1.0 | 1 | 6.4861 |
| | 14.79 | 473 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | | 305723 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A034.TX0

# Chromatogram

Sample Name : L79047-9A,WG395-45,STD2TUBE  Sample #: 034  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A034.raw
Date : 2/27/02 3:35:42 PM
Method : hp#6a rbc 1  Time of Injection: 2/27/02 4:31:56 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:35:43 PM |
| Operator | : manager | Sample Name | : L79047-9B,WG39545,STD2TUBE |
| Sample Number | : 035 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/33 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 4:53:39 AM | Cycle | : 35 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A035.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A035.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A035.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

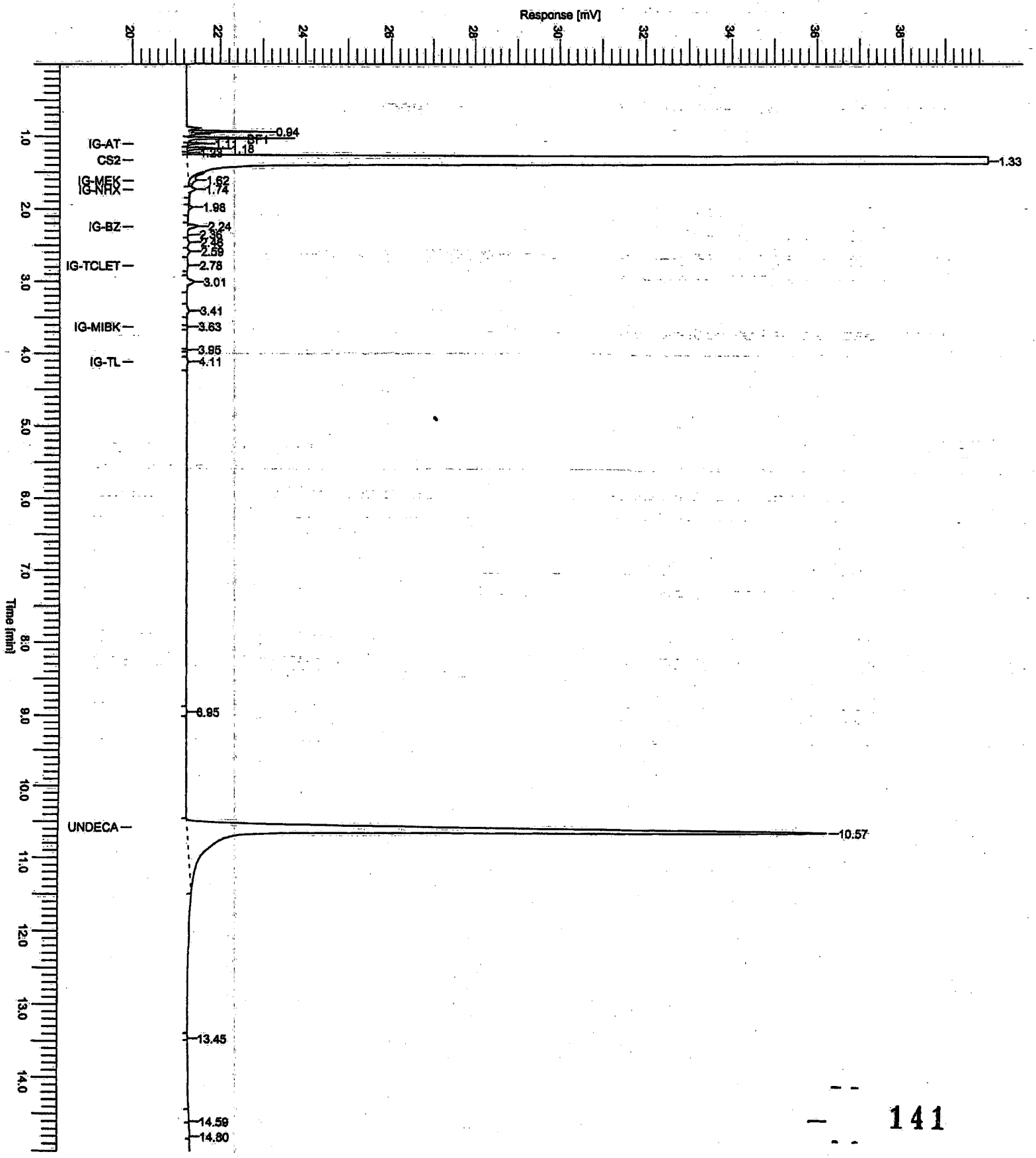
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.94 | 1996 | 1000000 | 0.00 | 1.0 | 1 | 0.0020 | |
| IG-AT | 1.11 | 377 | 333 | 1.13 | 1.0 | 1 | 1.1334 | All<DL |
| | 1.18 | 906 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 | |
| CS2 | 1.33 | 178298 | 51656 | 3.45 | 1.0 | 1 | 3.4516 | |
| IG-MEK | 1.62 | 969 | 373 | 2.60 | 1.0 | 1 | 2.5970 | |
| IG-NHX | 1.74 | 364 | 668 | 0.55 | 1.0 | 1 | 0.5455 | |
| IG-BZ | 2.24 | 507 | 691 | 0.73 | 1.0 | 1 | 0.7337 | <DL |
| | 3.01 | 482 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | |
| Undecane | 10.57 | 84670 | 28413 | 2.98 | 1.0 | 1 | 2.9799 | |
| | | 268570 | | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A035.TX0

# Chromatogram

Sample Name : L79047-8B,WG39545,STD2TUBE  Sample #: 035  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A035.raw
Date : 2/27/02 3:35:46 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 4:53:39 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 4:39:06 PM |
| Operator | : manager | Sample Name | : L79047-9A,WG39545,STD2TUBE |
| Sample Number | : 14 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/14 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 12:06:11 AM | Cycle | : 14 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A014.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A014.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.02 | 431 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 4.40 | 6753 | 1000000 | 0.01 | 1.0 | 1 | 0.0068 |
| | 4.75 | 10173 | 1000000 | 0.01 | 1.0 | 1 | 0.0102 |
| | 5.89 | 6596 | 1000000 | 0.01 | 1.0 | 1 | 0.0066 |
| IG-ETOH | 6.05 | 19326 | 223 | 86.67 | 1.0 | 1 | 86.6653 |
| | 6.49 | 5040 | 1000000 | 0.01 | 1.0 | 1 | 0.0050 |
| IG-IPROH | 7.12 | 1178 | 329 | 3.58 | 1.0 | 1 | 3.5754 |
| | 7.50 | 1626 | 1000000 | 0.00 | 1.0 | 1 | 0.0016 |
| | 8.71 | 2353 | 1000000 | 0.00 | 1.0 | 1 | 0.0024 |
| CS2 | 9.25 | 396207 | 1000000 | 0.40 | 1.0 | 1 | 0.3962 |
| | 10.20 | 1786 | 1000000 | 0.00 | 1.0 | 1 | 0.0018 |
| | 12.46 | 579 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| | 13.79 | 473 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 14.17 | 153 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 14.44 | 591 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| | 14.94 | 628 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| IG-12DCLET | 16.07 | 1292 | 268 | 4.82 | 1.0 | 1 | 4.8203 OK |
| IG-BZ | 16.33 | 1976 | 865 | 2.28 | 1.0 | 1 | 2.2841 |
| | 19.12 | 1033 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 |
| | 23.86 | 184 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 24.64 | 918 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 |

All other <DL

2/27/02 4:39:06 PM Result:

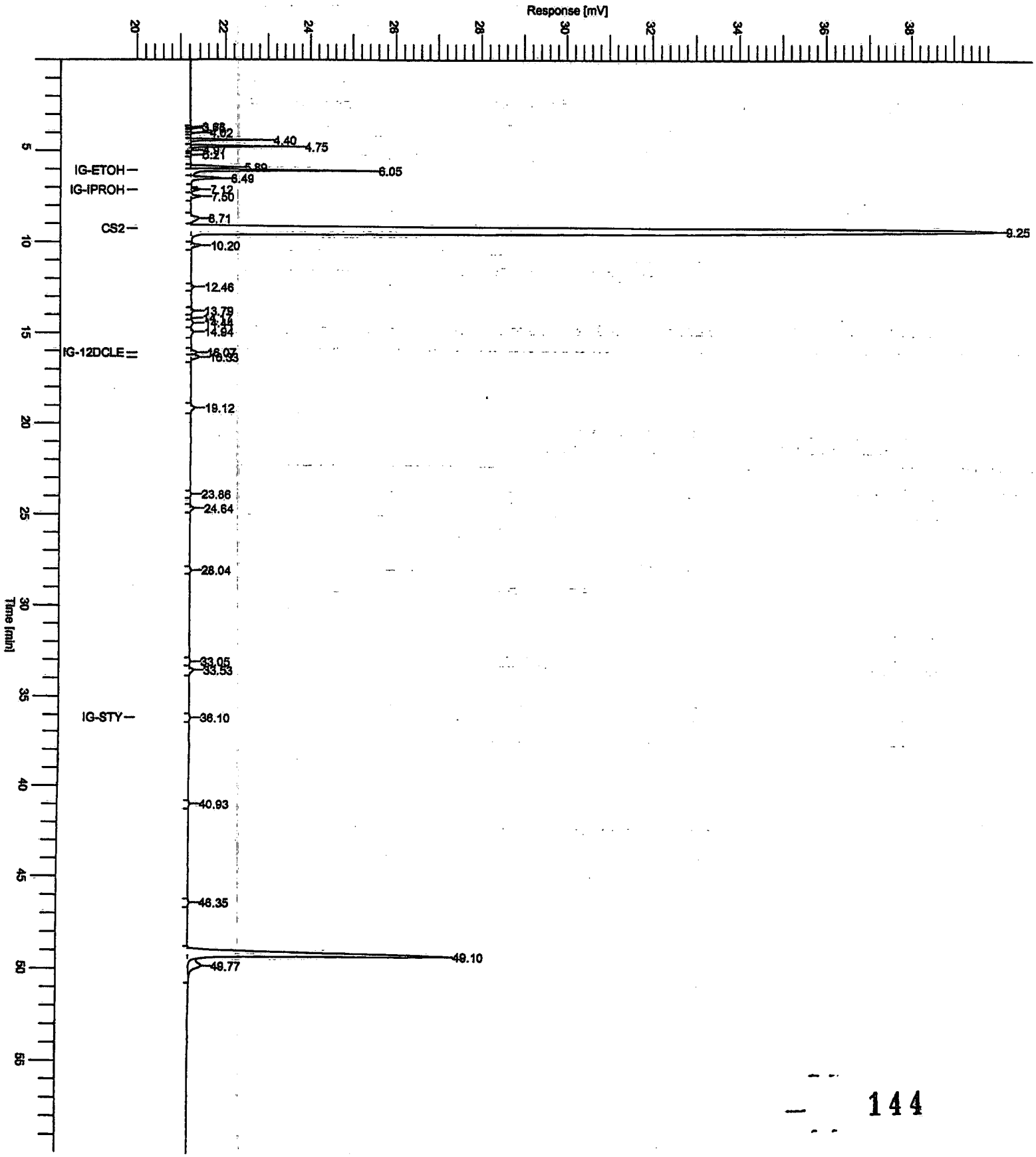
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 28.04 | 292 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 33.05 | 276 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 33.53 | 1115 | 1000000 | 0.00 | 1.0 | 1 | 0.0011 |
| IG-STY | 36.10 | 309 | 630 | 0.49 | 1.0 | 1 | 0.4899 ⊿DL |
| | 40.93 | 254 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 46.35 | 453 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 49.10 | 86136 | 1000000 | 0.09 | 1.0 | 1 | 0.0861 |
| | 49.77 | 8782 | 1000000 | 0.01 | 1.0 | 1 | 0.0088 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A014.TX0

# Chromatogram

Sample Name : L79047-9A,WG395-45,STD2TUBE  Sample #: 14  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A014.raw
Date : 2/27/02 4:39:12 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/27/02 12:06:11 AM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:29:31 AM |
| Operator | : manager | Sample Name | : L79047-9B,WG39545,STD2TUBE |
| Sample Number | : 54 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/54 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/28/02 10:38:38 PM | Cycle | : 54 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A054.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A054.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A054.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.01 | 250 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 4.39 | 2354 | 1000000 | 0.00 | 1.0 | 1 | 0.0024 |
| | 4.74 | 552 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| | 5.87 | 400 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| IG-ETOH | 6.03 | 2832 | 223 | 12.70 | 1.0 | 1 | 12.6995 |
| | 6.47 | 566 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| IG-IPROH | 7.09 | 494 | 329 | 1.50 | 1.0 | 1 | 1.5000 |
| | 7.45 | 137 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 8.68 | 210 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| CS2 | 9.23 | 406405 | 1000000 | 0.41 | 1.0 | 1 | 0.4064 |
| IG-NHX | 10.16 | 157 | 655 | 0.24 | 1.0 | 1 | 0.2402 |
| IG-NBUOH | 16.02 | 585 | 403 | 1.45 | 1.0 | 1 | 1.4511 |
| IG-BZ | 16.27 | 693 | 865 | 0.80 | 1.0 | 1 | 0.8015 |
| UNDECANE | 48.98 | 95589 | 3472 | 27.53 | 1.0 | 1 | 27.5298 |

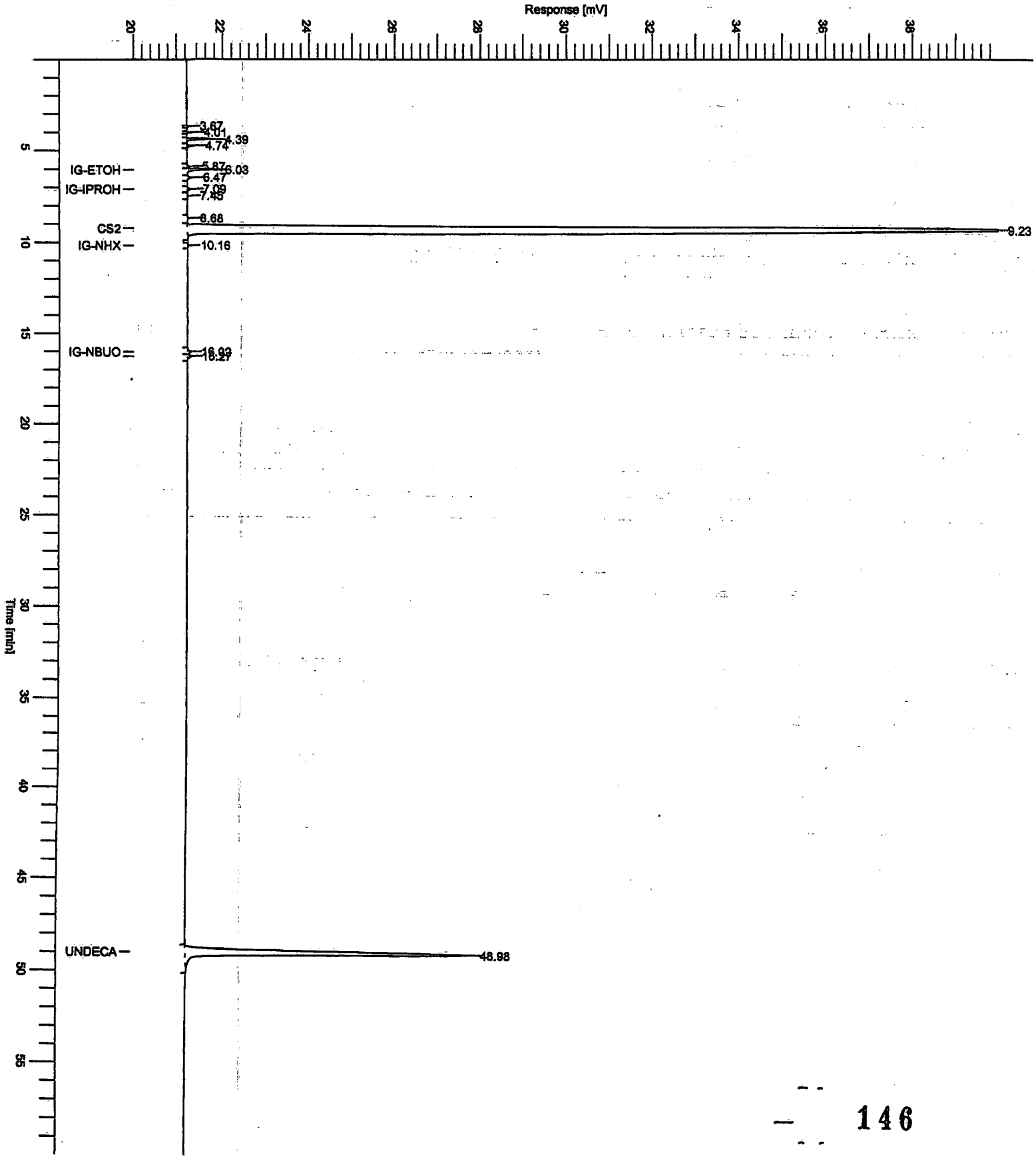
All WL

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A054.TX0

# Chromatogram

Sample Name : L79047-9B,WG39545,STD2TUBE  Sample #: 54  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A054.raw
Date : 3/4/02 10:29:35 AM
Method : hp#2 orgprof  Time of Injection: 2/28/02 10:38:38 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:35:47 PM |
| Operator | : manager | Sample Name | : L79047-10A,WG39545,STD2TUBE |
| Sample Number | : 036 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/34 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 5:15:22 AM | Cycle | : 36 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A036.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A036.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A036.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.94 | 20523 | 1000000 | 0.02 | 1.0 | 1 | 0.0205 | ETBZ/YNTCDL |
| IG-AT | 1.11 | 4926 | 333 | 14.79 | 1.0 | 1 | 14.7919 | |
| | 1.18 | 3074 | 1000000 | 0.00 | 1.0 | 1 | 0.0031 | |
| CS2 | 1.33 | 176592 | 51656 | 3.42 | 1.0 | 1 | 3.4186 | |
| IG-MEK | 1.52 | 3374 | 373 | 9.05 | 1.0 | 1 | 9.0466 | |
| | 1.62 | 1145 | 1000000 | 0.00 | 1.0 | 1 | 0.0011 | |
| IG-NHX | 1.74 | 1200 | 668 | 1.80 | 1.0 | 1 | 1.7959 | |
| | 1.86 | 267 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 1.98 | 571 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | |
| IG-BZ | 2.24 | 1157 | 691 | 1.67 | 1.0 | 1 | 1.6750 DL | |
| | 2.36 | 328 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 2.46 | 373 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | |
| | 2.59 | 342 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| IG-TCLETE | 2.79 | 338 | 163 | 2.07 | 1.0 | 1 | 2.0738 DL | |
| | 3.01 | 819 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 | |
| | 3.41 | 592 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | |
| IG-TL | 4.11 | 764 | 708 | 1.08 | 1.0 | 1 | 1.0786 DL | |
| IG-TETCLETE | 5.07 | 387 | 135 | 2.87 | 1.0 | 1 | 2.8692 | |

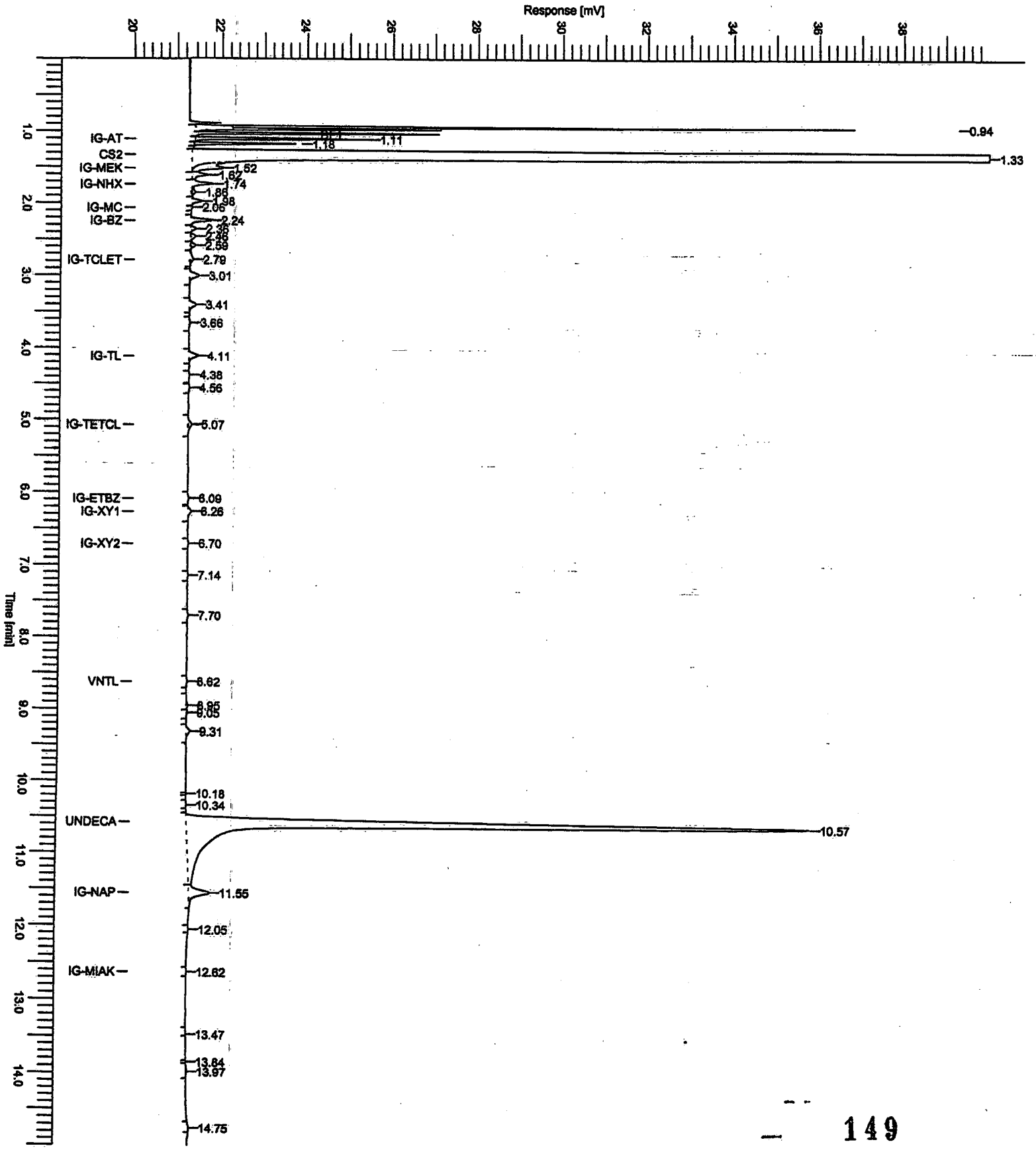
2/27/02 3:35:47 PM Result: C:\PenExe\TcWS\HP-6A\022602A036.rst

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| IG-XY | 6.26 | 394 | 584 | 0.68 | 1.0 | 1 | 0.6755 | <DL |
| | 9.31 | 402 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | |
| Undecane | 10.57 | 85388 | 28413 | 3.01 | 1.0 | 1 | 3.0052 | |
| IG-NAP | 11.55 | 2898 | 754 | 3.84 | 1.0 | 1 | 3.8420 | <DL |
| | | 305854 | | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A036.TX0

# Chromatogram

Sample Name : L79047-10A,WG39545,STD2TUBE  Sample #: 036  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A036.raw
Date : 2/27/02 3:35:51 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 5:15:22 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:35:53 PM |
| Operator | : manager | Sample Name | : L79047-10B,WG39545,STD2TUBE |
| Sample Number | : 037 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/35 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 5:37:02 AM | Cycle | : 37 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A037.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A037.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A037.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

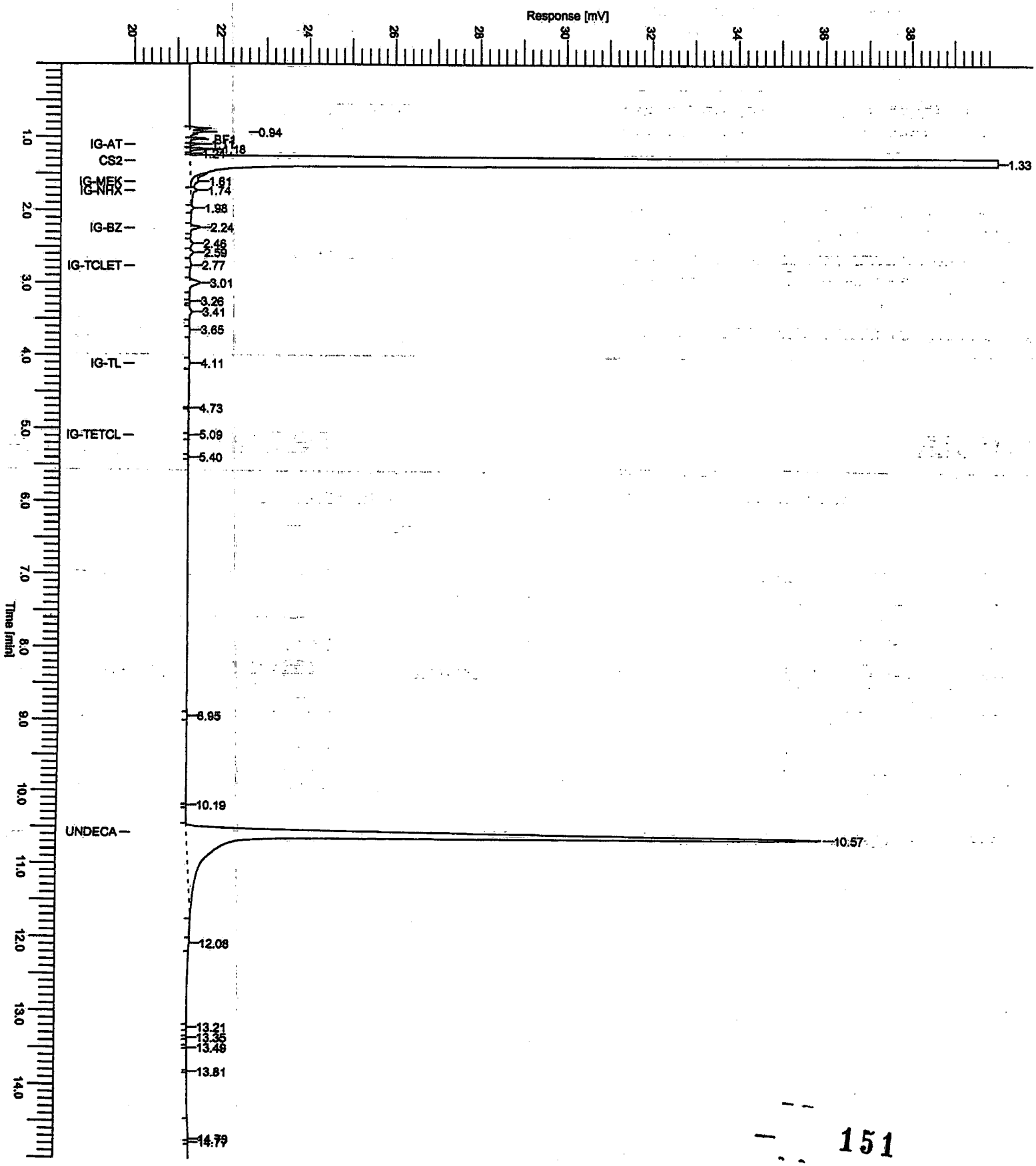
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.94 | 1336 | 1000000 | 0.00 | 1.0 | 1 | 0.0013 | |
| IG-AT | 1.11 | 242 | 333 | 0.73 | 1.0 | 1 | 0.7261 | |
| | 1.18 | 572 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | All<DL |
| CS2 | 1.33 | 179254 | 51656 | 3.47 | 1.0 | 1 | 3.4701 | |
| IG-MEK | 1.61 | 1159 | 373 | 3.11 | 1.0 | 1 | 3.1061 | |
| IG-NHX | 1.74 | 669 | 668 | 1.00 | 1.0 | 1 | 1.0010 | |
| IG-BZ | 2.24 | 490 | 691 | 0.71 | 1.0 | 1 | 0.7089 | <DL |
| | 3.01 | 825 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 | |
| Undecane | 10.57 | 86504 | 28413 | 3.04 | 1.0 | 1 | 3.0445 | |
| | | 271050 | | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A037.TX0

# Chromatogram

Sample Name : L79047-10B,WG39545,STD2TUBE  Sample #: 037  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A037.raw
Date : 2/27/02 3:35:55 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 5:37:02 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 4:40:52 PM |
| Operator | : manager | Sample Name | : L79047-10A,WG39545,STD2TUBE |
| Sample Number | : 15 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/15 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 1:13:40 AM | Cycle | : 15 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A015.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A015.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 3.99 | 894 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 |
| | 4.37 | 19054 | 1000000 | 0.02 | 1.0 | 1 | 0.0191 |
| | 4.72 | 6575 | 1000000 | 0.01 | 1.0 | 1 | 0.0066 |
| | 4.93 | 137 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 5.84 | 4524 | 1000000 | 0.00 | 1.0 | 1 | 0.0045 |
| IG-ETOH | 6.00 | 8216 | 223 | 36.85 | 1.0 | 1 | 36.8452 |
| | 6.44 | 3039 | 1000000 | 0.00 | 1.0 | 1 | 0.0030 |
| IG-IPROH | 7.06 | 957 | 329 | 2.91 | 1.0 | 1 | 2.9068 |
| IG-AT | 7.44 | 1073 | 318 | 3.37 | 1.0 | 1 | 3.3691 |
| | 8.64 | 1383 | 1000000 | 0.00 | 1.0 | 1 | 0.0014 |
| CS2 | 9.18 | 399730 | 1000000 | 0.40 | 1.0 | 1 | 0.3997 |
| IG-NHX | 10.12 | 973 | 655 | 1.49 | 1.0 | 1 | 1.4854 |
| | 12.37 | 318 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 13.68 | 241 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 14.34 | 278 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 14.84 | 340 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-12DCLET | 15.96 | 983 | 268 | 3.67 | 1.0 | 1 | 3.6694 OK |
| IG-BZ | 16.22 | 1466 | 865 | 1.69 | 1.0 | 1 | 1.6947 |
| | 19.00 | 583 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| | 24.49 | 964 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 |

All other 2DL

2/27/02 4:40:52 PM Result:

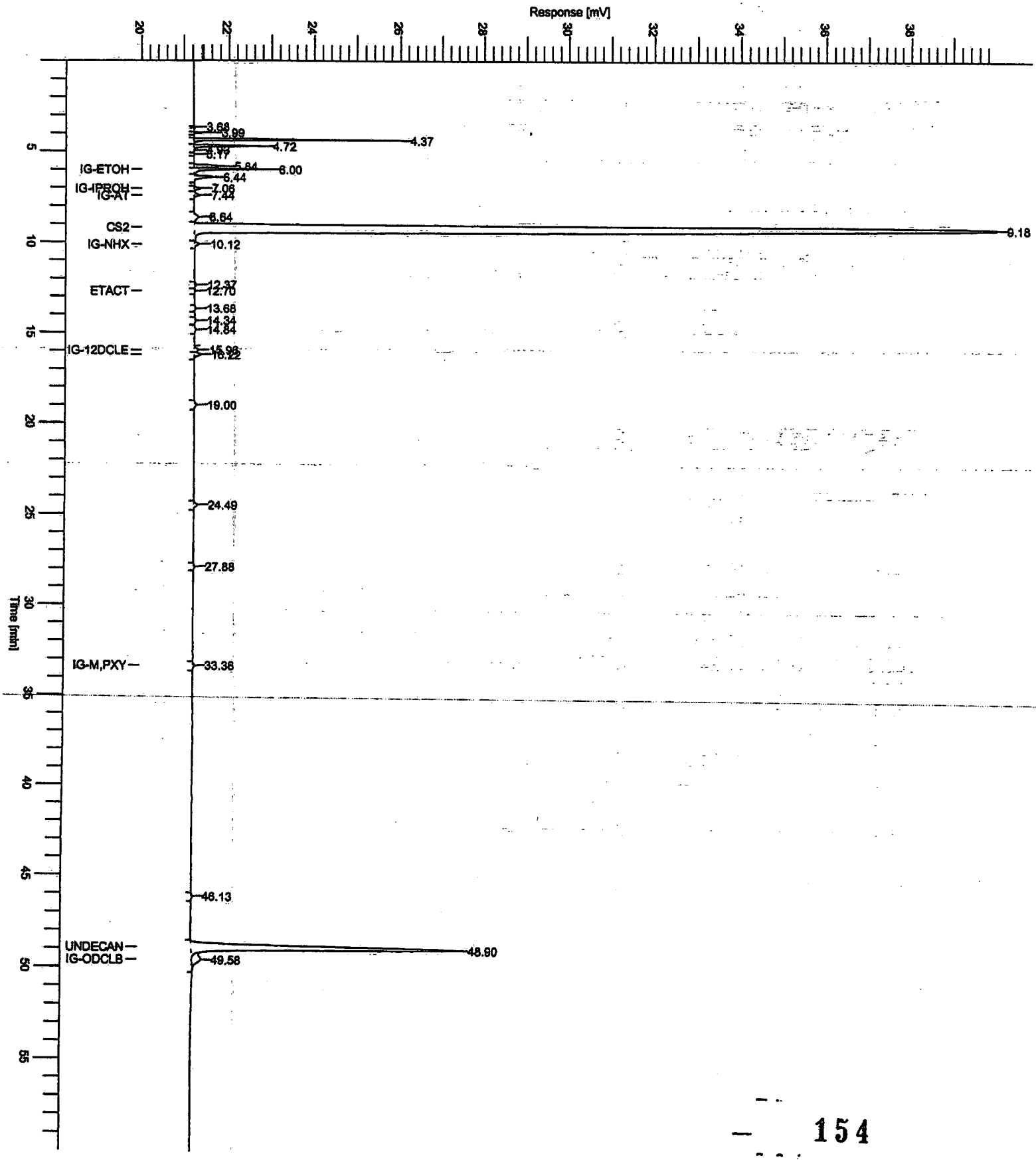
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 27.88 | 321 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-XY | 33.36 | 469 | 674 | 0.70 | 1.0 | 1 | 0.6966 |
| | 46.13 | 383 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| UNDECANE | 48.90 | 89316 | 3472 | 25.72 | 1.0 | 1 | 25.7229 |
| IG-ODCLBZ | 49.58 | 6584 | 498 | 13.22 | 1.0 | 1 | 13.2208 OK |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A015.TX0

# Chromatogram

Sample Name : L79047-10A,WG39545,STD2TUBE  Sample #: 15  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022802A015.raw
Date : 2/27/02 4:40:58 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/27/02 1:13:40 AM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:29:37 AM |
| Operator | : manager | Sample Name | : L79047-10B,WG39545,STD2TUBE |
| Sample Number | : 55 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/55 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/28/02 11:45:29 PM | Cycle | : 55 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A055.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A055.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A055.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 3.68 | 122 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 4.00 | 491 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 4.38 | 629 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| | 4.74 | 156 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 5.86 | 253 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-ETOH | 6.03 | 283 | 223 | 1.27 | 1.0 | 1 | 1.2710 |
| | 6.46 | 316 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-IPROH | 7.08 | 301 | 329 | 0.91 | 1.0 | 1 | 0.9146 |
| | 8.70 | 141 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| CS2 | 9.23 | 408457 | 1000000 | 0.41 | 1.0 | 1 | 0.4085 |
| IG-NHX | 10.15 | 134 | 655 | 0.20 | 1.0 | 1 | 0.2042 |
| | 14.38 | 161 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-NBUOH | 16.01 | 979 | 403 | 2.43 | 1.0 | 1 | 2.4301 |
| IG-BZ | 16.26 | 598 | 865 | 0.69 | 1.0 | 1 | 0.6912 |
| UNDECANE | 48.96 | 96047 | 3472 | 27.66 | 1.0 | 1 | 27.6615 |

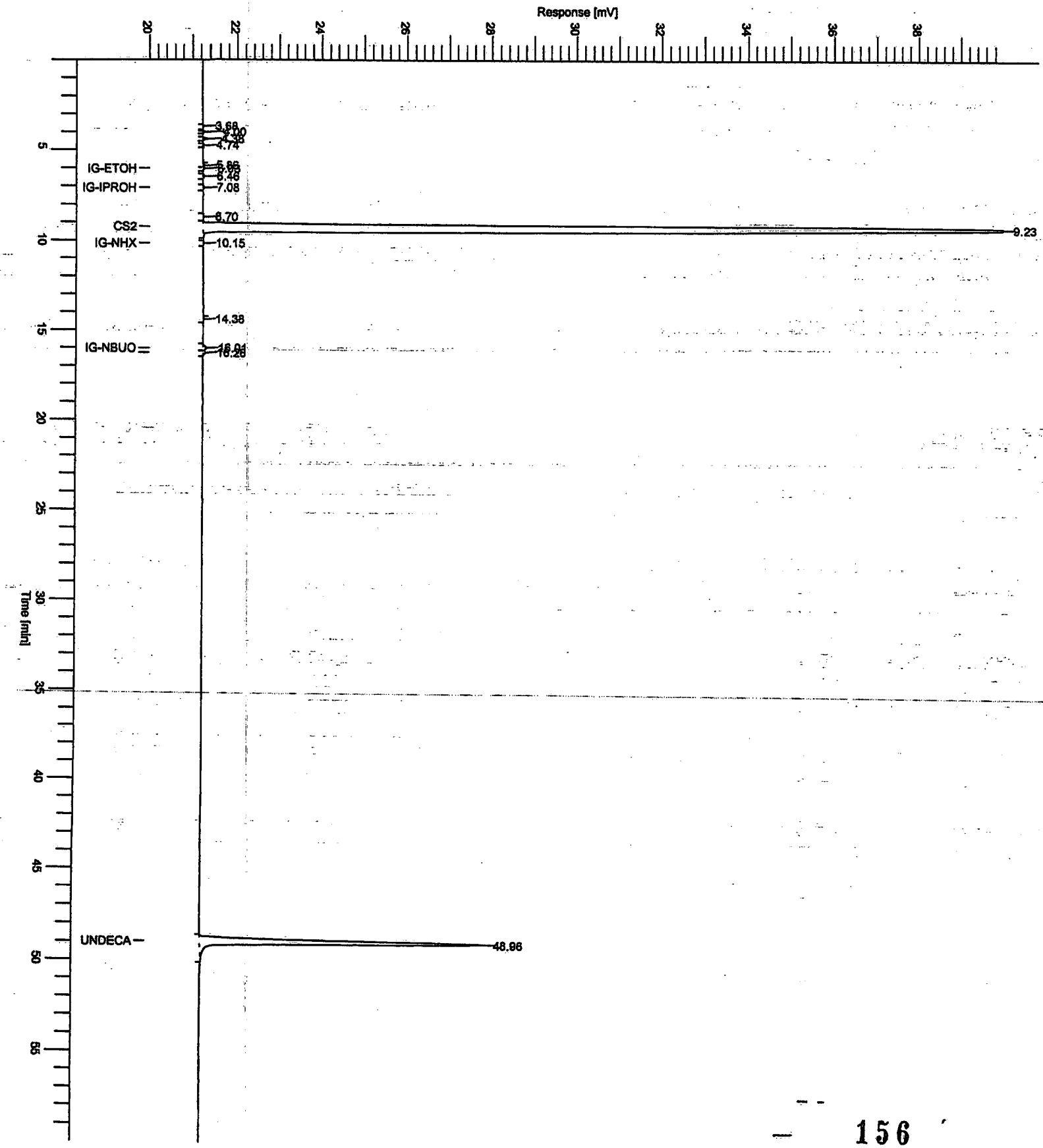
All<DL

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A055.TX0

# Chromatogram

Sample Name : L79047-10B,WG39545,STD2TUBE  Sample #: 55  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A055.raw
Date : 3/4/02 10:29:42 AM
Method : hp#2 orgprof  Time of Injection: 2/28/02 11:45:29 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:35:57 PM |
| Operator | : manager | Sample Name | : L79047-11A,WG39545,STD2TUBE |
| Sample Number | : 039 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/37 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 6:20:24 AM | Cycle | : 39 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A039.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A039.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A039.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

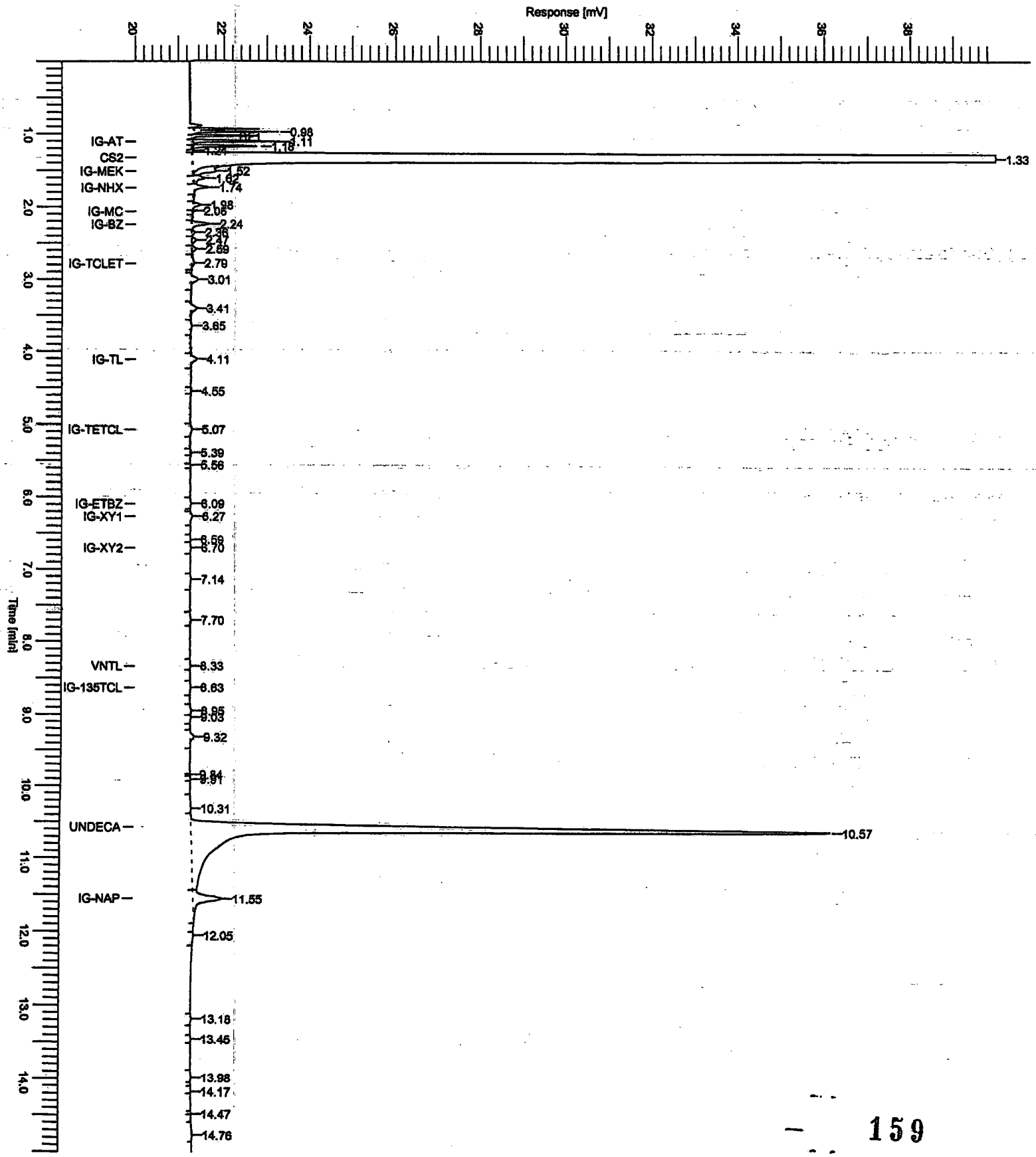
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.98 | 3286 | 1000000 | 0.00 | 1.0 | 1 | 0.0033 | ETBZ/VNTL<DL |
| IG-AT | 1.11 | 2435 | 333 | 7.31 | 1.0 | 1 | 7.3109 | |
| | 1.18 | 1927 | 1000000 | 0.00 | 1.0 | 1 | 0.0019 | |
| CS2 | 1.33 | 177590 | 51656 | 3.44 | 1.0 | 1 | 3.4379 | |
| IG-MEK | 1.52 | 2567 | 373 | 6.88 | 1.0 | 1 | 6.8821 | |
| | 1.62 | 866 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 | |
| IG-NHX | 1.74 | 778 | 668 | 1.16 | 1.0 | 1 | 1.1641 | |
| | 1.98 | 345 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| IG-BZ | 2.24 | 984 | 691 | 1.42 | 1.0 | 1 | 1.4242 | <DL |
| | 2.47 | 265 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 2.59 | 254 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| IG-TCLETE | 2.79 | 292 | 163 | 1.79 | 1.0 | 1 | 1.7913 | <DL |
| | 3.01 | 538 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | |
| | 3.41 | 506 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | |
| IG-TL | 4.11 | 461 | 708 | 0.65 | 1.0 | 1 | 0.6509 | <DL |
| IG-XY | 6.27 | 263 | 584 | 0.45 | 1.0 | 1 | 0.4509 | <DL |
| | 9.32 | 388 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | |
| Undecane | 10.57 | 89385 | 28413 | 3.15 | 1.0 | 1 | 3.1459 | |
| IG-NAP | 11.55 | 4406 | 754 | 5.84 | 1.0 | 1 | 5.8423 | OK |
| | | 287535 | | | | | | |

2/27/02 3:35:57 PM Result: C:\PenExe\TcWS\HP-6A\022602A039.rst

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A039.TX0

# Chromatogram

Sample Name : L79047-11A,WG39545,STD2TUBE  Sample #: 039  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A039.raw
Date : 2/27/02 3:36:01 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 6:20:24 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:36:02 PM |
| Operator | : manager | Sample Name | : L79047-11B,WG39545,STD2TUBE |
| Sample Number | : 040 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/38 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 6:42:00 AM | Cycle | : 40 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A040.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A040.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A040.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

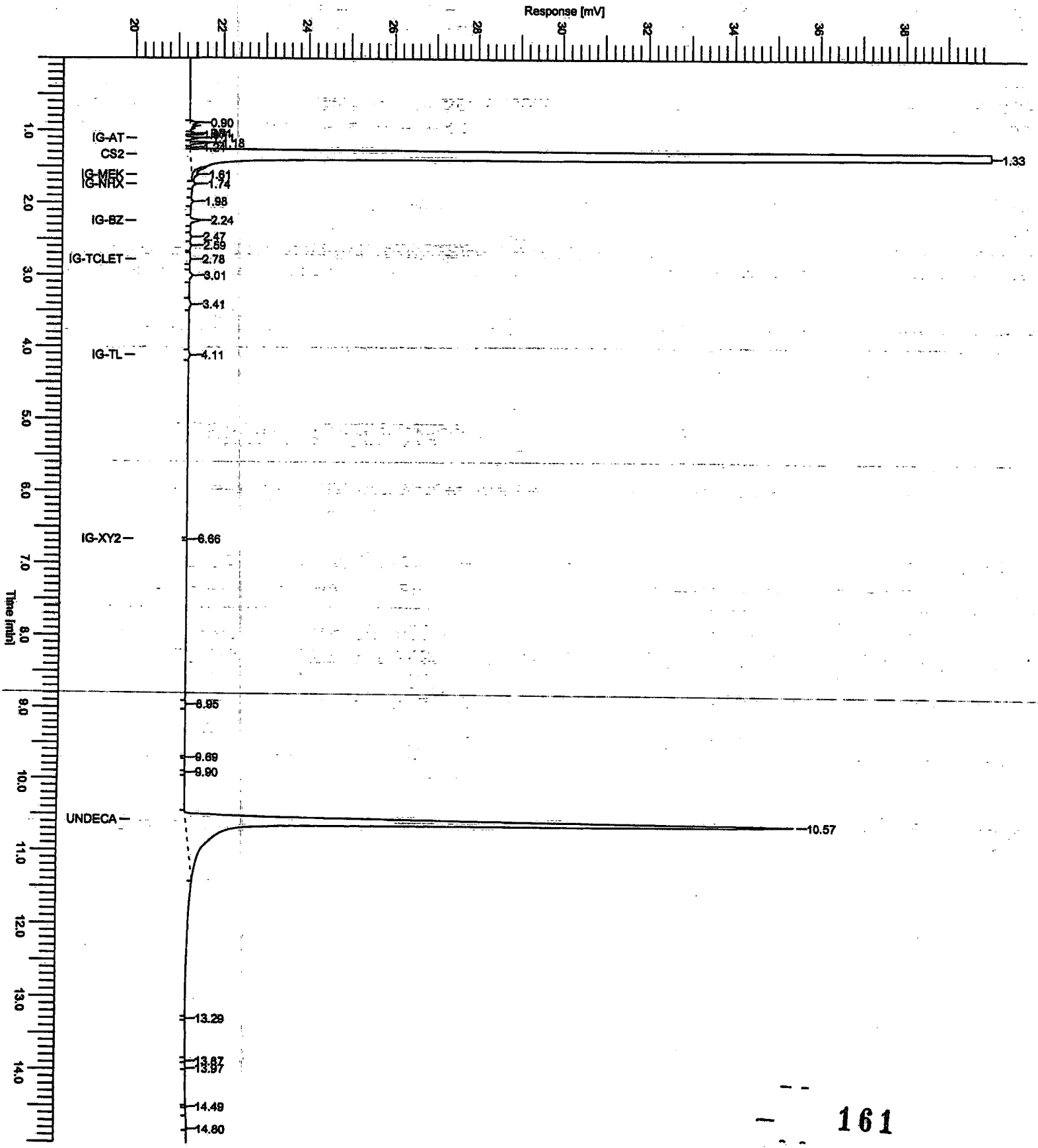
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.90 | 692 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 | All<DL |
| IG-AT | 1.11 | 250 | 333 | 0.75 | 1.0 | 1 | 0.7493 | |
| | 1.18 | 565 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | |
| CS2 | 1.33 | 179028 | 51656 | 3.47 | 1.0 | 1 | 3.4658 | |
| IG-MEK | 1.61 | 901 | 373 | 2.41 | 1.0 | 1 | 2.4149 | |
| IG-NHX | 1.74 | 239 | 668 | 0.36 | 1.0 | 1 | 0.3572 | |
| IG-BZ | 2.24 | 490 | 691 | 0.71 | 1.0 | 1 | 0.7086 | <DL |
| | 3.01 | 255 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| Undecane | 10.57 | 81530 | 28413 | 2.87 | 1.0 | 1 | 2.8694 | |
| | | 263948 | | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A040.TX0

# Chromatogram

Sample Name : L79047-11B,WG39545,STD2TUBE  Sample #: 040  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A040.raw
Date : 2/27/02 3:36:05 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 6:42:00 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 4:45:27 PM |
| Operator | : manager | Sample Name | : L79047-11A,WG39545,STD2TUBE |
| Sample Number | : 20 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/20 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 6:47:32 AM | Cycle | : 20 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A020.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A020.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 3.99 | 198 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 4.37 | 2202 | 1000000 | 0.00 | 1.0 | 1 | 0.0022 |
| | 4.72 | 2717 | 1000000 | 0.00 | 1.0 | 1 | 0.0027 |
| | 5.84 | 2327 | 1000000 | 0.00 | 1.0 | 1 | 0.0023 |
| IG-ETOH | 6.00 | 2194 | 223 | 9.84 | 1.0 | 1 | 9.8369 |
| | 6.44 | 1664 | 1000000 | 0.00 | 1.0 | 1 | 0.0017 |
| IG-IPROH | 7.06 | 748 | 329 | 2.27 | 1.0 | 1 | 2.2718 |
| IG-AT | 7.44 | 725 | 318 | 2.28 | 1.0 | 1 | 2.2759 |
| | 8.65 | 754 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| CS2 | 9.19 | 404106 | 1000000 | 0.40 | 1.0 | 1 | 0.4041 |
| IG-NHX | 10.12 | 705 | 655 | 1.08 | 1.0 | 1 | 1.0763 |
| | 12.38 | 171 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 13.67 | 167 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 14.36 | 218 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-12DCLET | 15.98 | 641 | 268 | 2.39 | 1.0 | 1 | 2.3912 |
| IG-BZ | 16.23 | 1226 | 865 | 1.42 | 1.0 | 1 | 1.4170 |
| | 19.00 | 447 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |

All other <DL

2/27/02 4:45:27 PM Result:

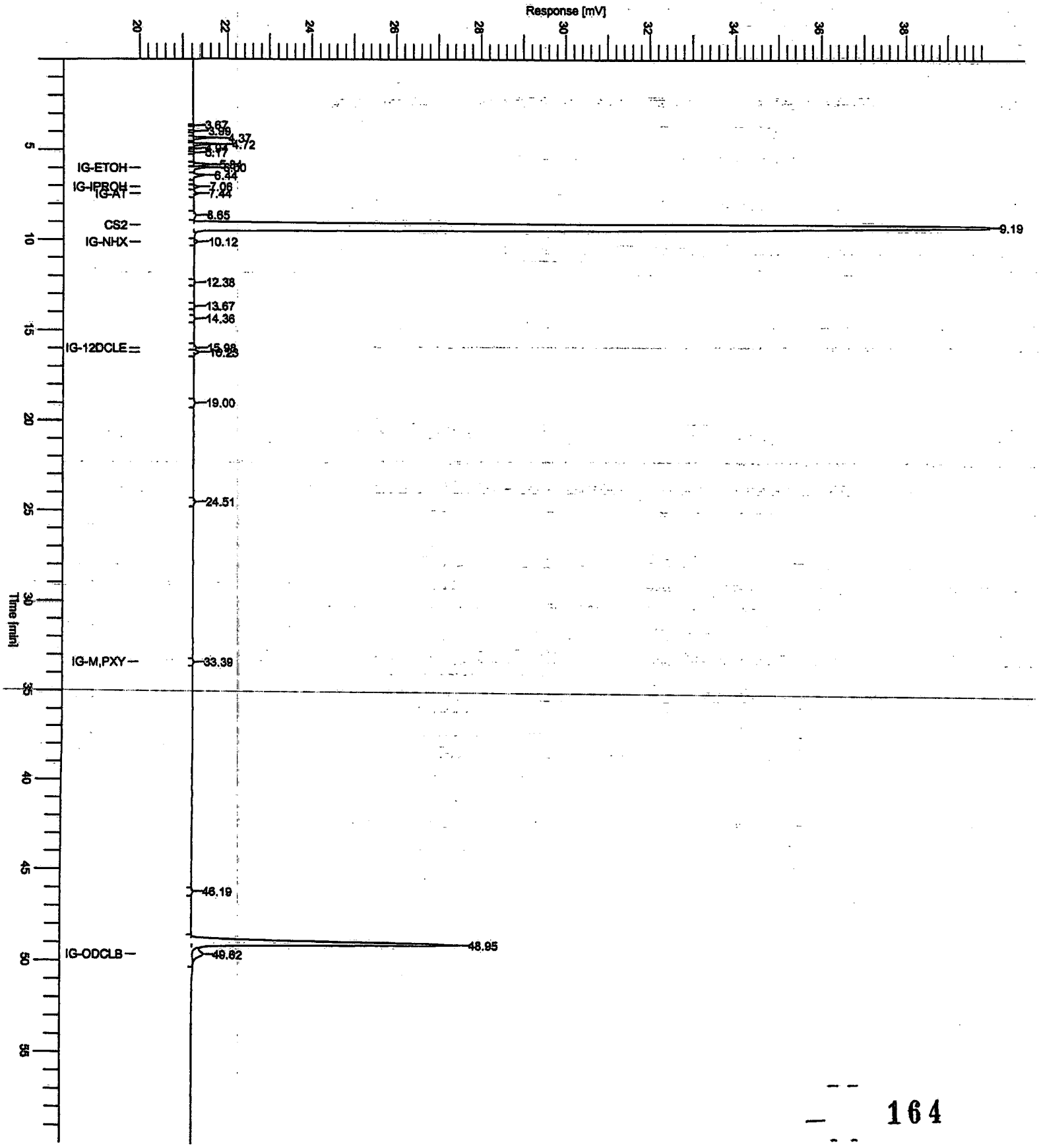
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 24.51 | 553 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| IG-XY | 33.39 | 247 | 674 | 0.37 | 1.0 | 1 | 0.3663 |
| | 46.19 | 381 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 48.95 | 90104 | 1000000 | 0.09 | 1.0 | 1 | 0.0901 |
| IG-ODCLBZ | 49.62 | 6767 | 498 | 13.59 | 1.0 | 1 | 13.5879 OK |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A020.TX0

# Chromatogram

Sample Name : L79047-11A,WG39545,STD2TUBE  Sample #: 20  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A020.raw
Date : 2/27/02 4:45:32 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/27/02 6:47:32 AM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:30:06 AM |
| Operator | : manager | Sample Name | : L79047-11B,WG39545,STD2TUBE |
| Sample Number | : 60 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/60 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 5:19:49 AM | Cycle | : 60 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A060.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A060.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A060.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

All<DL

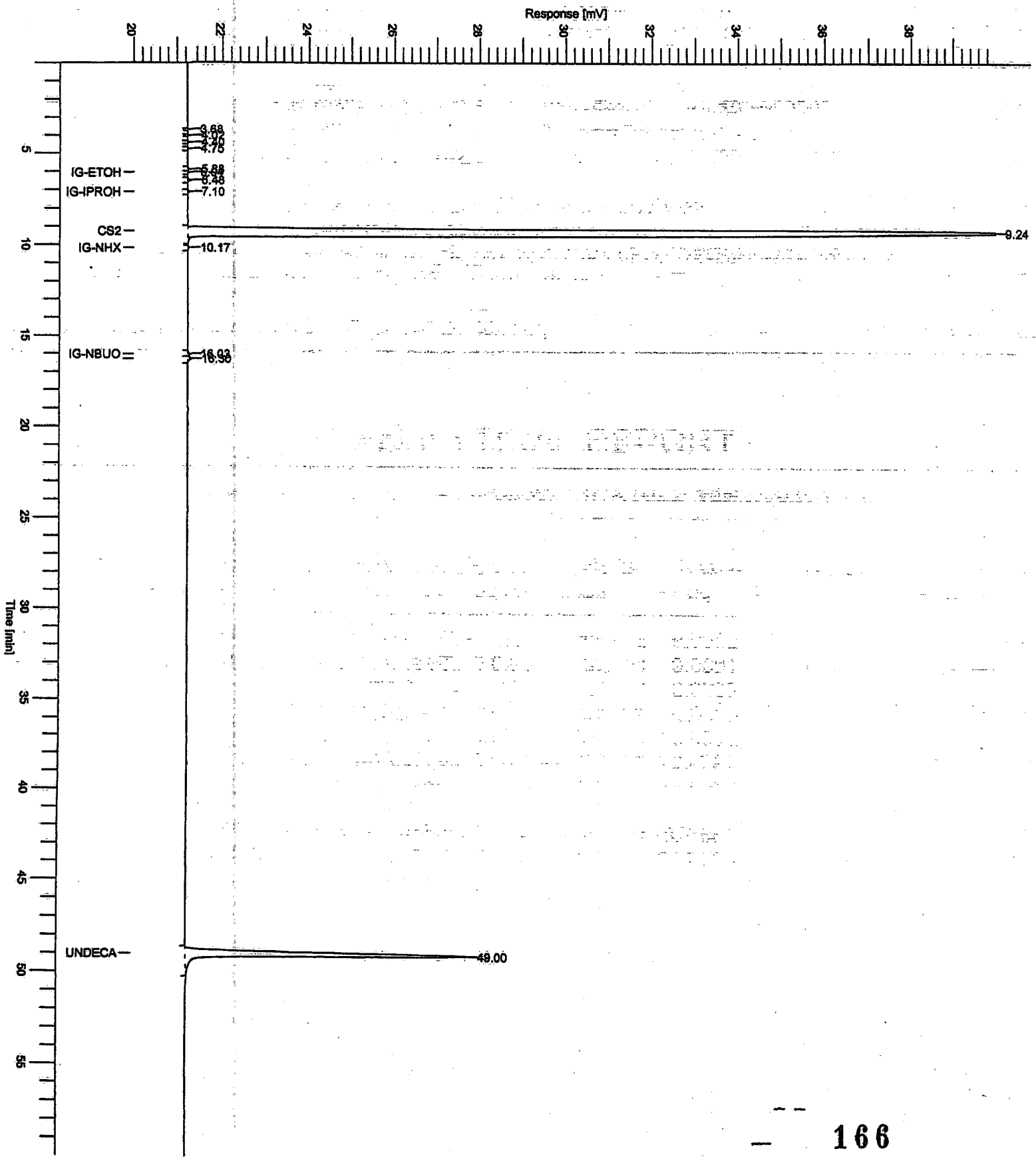
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.40 | 167 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 4.75 | 116 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 5.88 | 260 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 6.48 | 315 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-IPROH | 7.10 | 296 | 329 | 0.90 | 1.0 | 1 | 0.8998 |
| CS2 | 9.24 | 409659 | 1000000 | 0.41 | 1.0 | 1 | 0.4097 |
| IG-NHX | 10.17 | 115 | 655 | 0.18 | 1.0 | 1 | 0.1763 |
| IG-NBUOH | 16.03 | 309 | 403 | 0.77 | 1.0 | 1 | 0.7675 |
| IG-BZ | 16.30 | 638 | 865 | 0.74 | 1.0 | 1 | 0.7380 |
| UNDECANE | 49.00 | 96143 | 3472 | 27.69 | 1.0 | 1 | 27.6893 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A060.TX0

# Chromatogram

Sample Name : L79047-11B,WG39545,STD2TUBE  Sample #: 60  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A060.raw
Date : 3/4/02 10:30:10 AM
Method : hp#2 orgprof  Time of Injection: 3/1/02 5:19:49 AM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:36:06 PM |
| Operator | : manager | Sample Name | : L79047-12A,WG39545,STD2TUBE |
| Sample Number | : 041 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/39 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 7:03:32 AM | Cycle | : 41 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A041.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A041.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A041.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.98 | 2611 | 1000000 | 0.00 | 1.0 | 1 | 0.0026 | ETBZ/VNTL<DL |
| | 1.11 | 4731 | 1000000 | 0.00 | 1.0 | 1 | 0.0047 | |
| | 1.18 | 2320 | 1000000 | 0.00 | 1.0 | 1 | 0.0023 | |
| CS2 | 1.33 | 177448 | 51656 | 3.44 | 1.0 | 1 | 3.4352 | |
| IG-MEK | 1.52 | 2629 | 373 | 7.05 | 1.0 | 1 | 7.0473 | |
| | 1.62 | 884 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 | |
| IG-NHX | 1.74 | 890 | 668 | 1.33 | 1.0 | 1 | 1.3330 | |
| | 1.98 | 419 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | |
| IG-BZ | 2.24 | 1038 | 691 | 1.50 | 1.0 | 1 | 1.5020 | <DL |
| | 2.47 | 288 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 2.59 | 290 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| IG-TCLETE | 2.79 | 318 | 163 | 1.95 | 1.0 | 1 | 1.9509 | <DL |
| | 3.01 | 757 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 | |
| | 3.41 | 517 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | |
| IG-TL | 4.11 | 665 | 708 | 0.94 | 1.0 | 1 | 0.9393 | <DL |
| IG-TETCLETE | 5.07 | 271 | 135 | 2.01 | 1.0 | 1 | 2.0070 | |
| IG-XY | 6.27 | 269 | 584 | 0.46 | 1.0 | 1 | 0.4609 | <DL |
| | 7.71 | 221 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | |
| | 9.04 | 341 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |

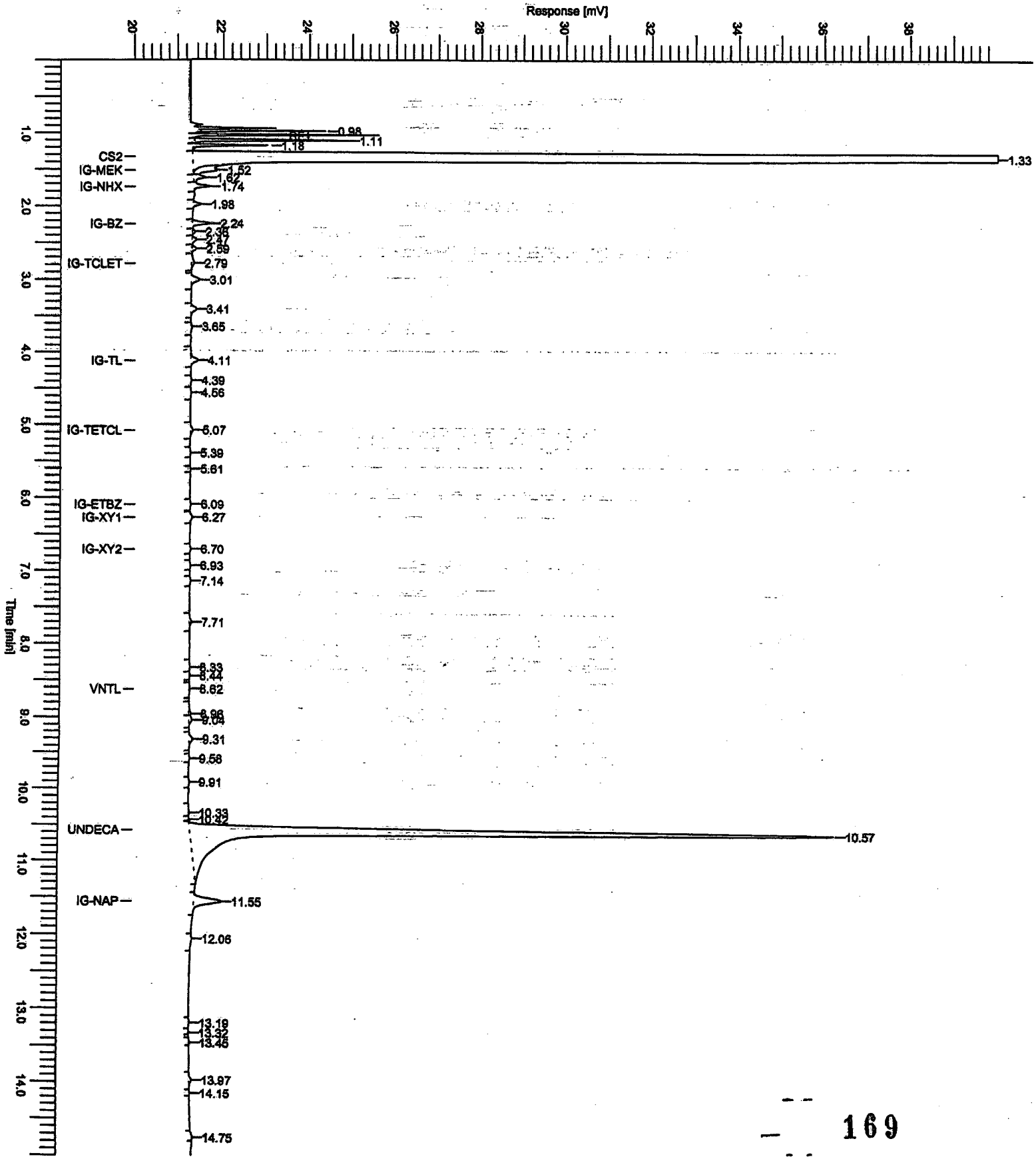
2/27/02 3:36:06 PM Result: C:\PenExe\TcWS\HP-6A\022602A041.rst

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 9.31 | 404 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| Undecane | 10.57 | 83997 | 28413 | 2.96 | 1.0 | 1 | 2.9562 |
| IG-NAP | 11.55 | 3246 | 754 | 4.30 | 1.0 | 1 | 4.3044 OK |
| | 13.97 | 268 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | | 284823 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A041.TX0

# Chromatogram

Sample Name : L79047-12A,WG39545,STD2TUBE  Sample #: 041  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022802A041.raw
Date : 2/27/02 3:36:11 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 7:03:32 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:36:12 PM |
| Operator | : manager | Sample Name | : L79047-12B,WG39545,STD2TUBE |
| Sample Number | : 042 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/40 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 7:25:07 AM | Cycle | : 42 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A042.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A042.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A042.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

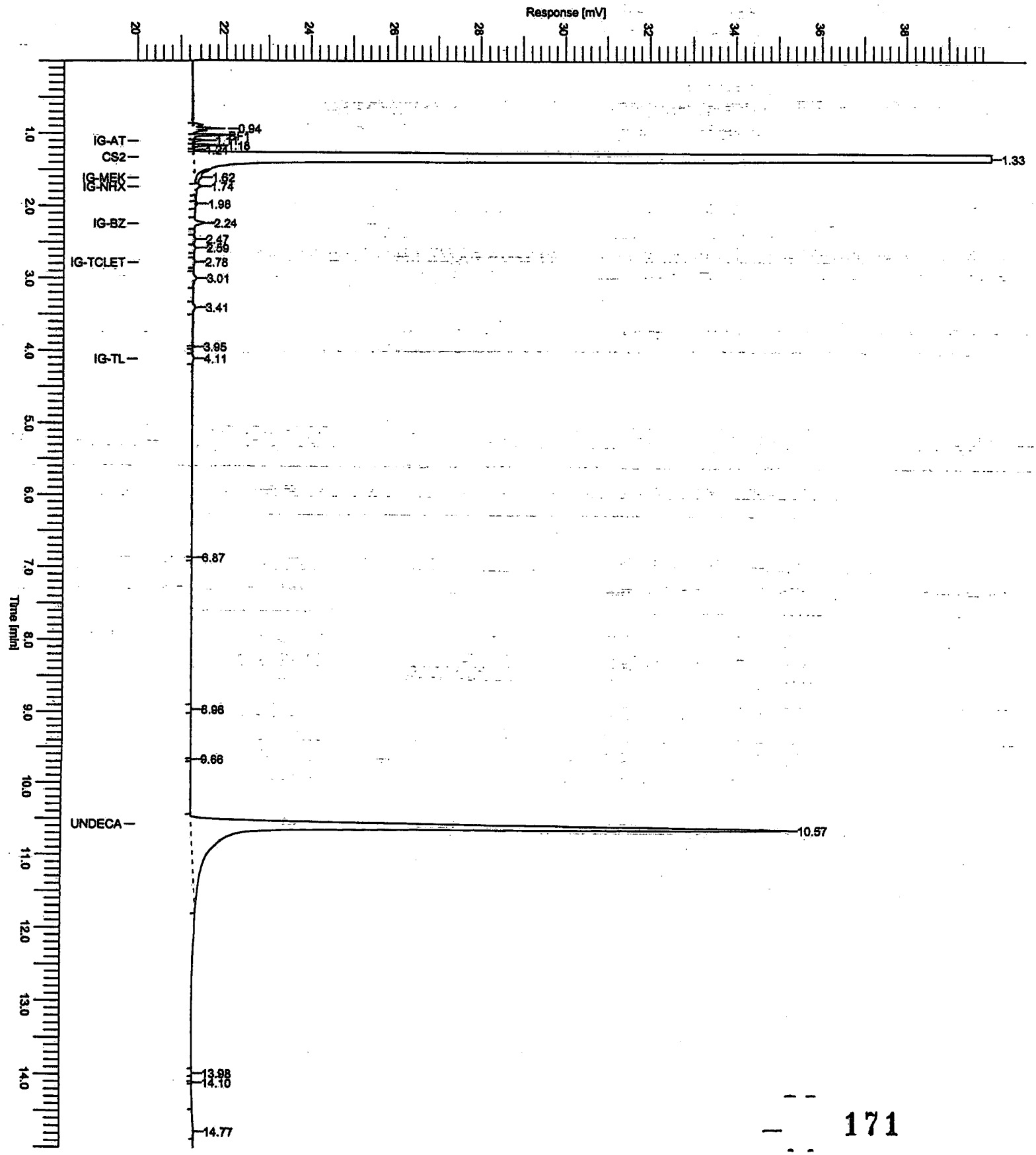
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.94 | 1325 | 1000000 | 0.00 | 1.0 | 1 | 0.0013 |
| IG-AT | 1.11 | 261 | 333 | 0.78 | 1.0 | 1 | 0.7847 |
| | 1.18 | 627 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| CS2 | 1.33 | 179762 | 51656 | 3.48 | 1.0 | 1 | 3.4800 |
| IG-MEK | 1.62 | 1012 | 373 | 2.71 | 1.0 | 1 | 2.7125 |
| IG-NHX | 1.74 | 334 | 668 | 0.50 | 1.0 | 1 | 0.5006 |
| IG-BZ | 2.24 | 491 | 691 | 0.71 | 1.0 | 1 | 0.7101 ⊿DL |
| | 3.01 | 232 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| Undecane | 10.57 | 85188 | 28413 | 3.00 | 1.0 | 1 | 2.9982 |
| | | 269233 | | | | | |

A1\4DL

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A042.TX0

# Chromatogram

Sample Name : L79047-12B,WG3S545,STD2TUBE  Sample #: 042  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022802A042.raw
Date : 2/27/02 3:36:15 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 7:25:07 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 4:50:47 PM |
| Operator | : manager | Sample Name | : L79047-12A,WG39545,STD2TUBE |
| Sample Number | : 21 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/21 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 7:54:03 AM | Cycle | : 21 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A021.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A021.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.08 | 210 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 4.47 | 2445 | 1000000 | 0.00 | 1.0 | 1 | 0.0024 |
| | 4.83 | 3725 | 1000000 | 0.00 | 1.0 | 1 | 0.0037 |
| IG-ETOH | 5.99 | 3768 | 223 | 16.90 | 1.0 | 1 | 16.8990 |
| | 6.15 | 5995 | 1000000 | 0.01 | 1.0 | 1 | 0.0060 |
| | 6.60 | 2040 | 1000000 | 0.00 | 1.0 | 1 | 0.0020 |
| | 7.24 | 993 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 |
| | 7.62 | 1612 | 1000000 | 0.00 | 1.0 | 1 | 0.0016 |
| | 8.85 | 889 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 |
| CS2 | 9.39 | 405015 | 1000000 | 0.41 | 1.0 | 1 | 0.4050 |
| | 10.36 | 673 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 12.65 | 234 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 13.99 | 205 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-MC | 14.66 | 252 | 192 | 1.31 | 1.0 | 1 | 1.3120 <DL |
| | 15.17 | 148 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| IG-12DCLET | 16.31 | 923 | 268 | 3.45 | 1.0 | 1 | 3.4456 OK |
| IG-CYHXE | 16.57 | 1229 | 724 | 1.70 | 1.0 | 1 | 1.6977 |
| | 19.39 | 496 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 24.96 | 784 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| | 28.39 | 227 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |

2/27/02 4:50:47 PM Result:

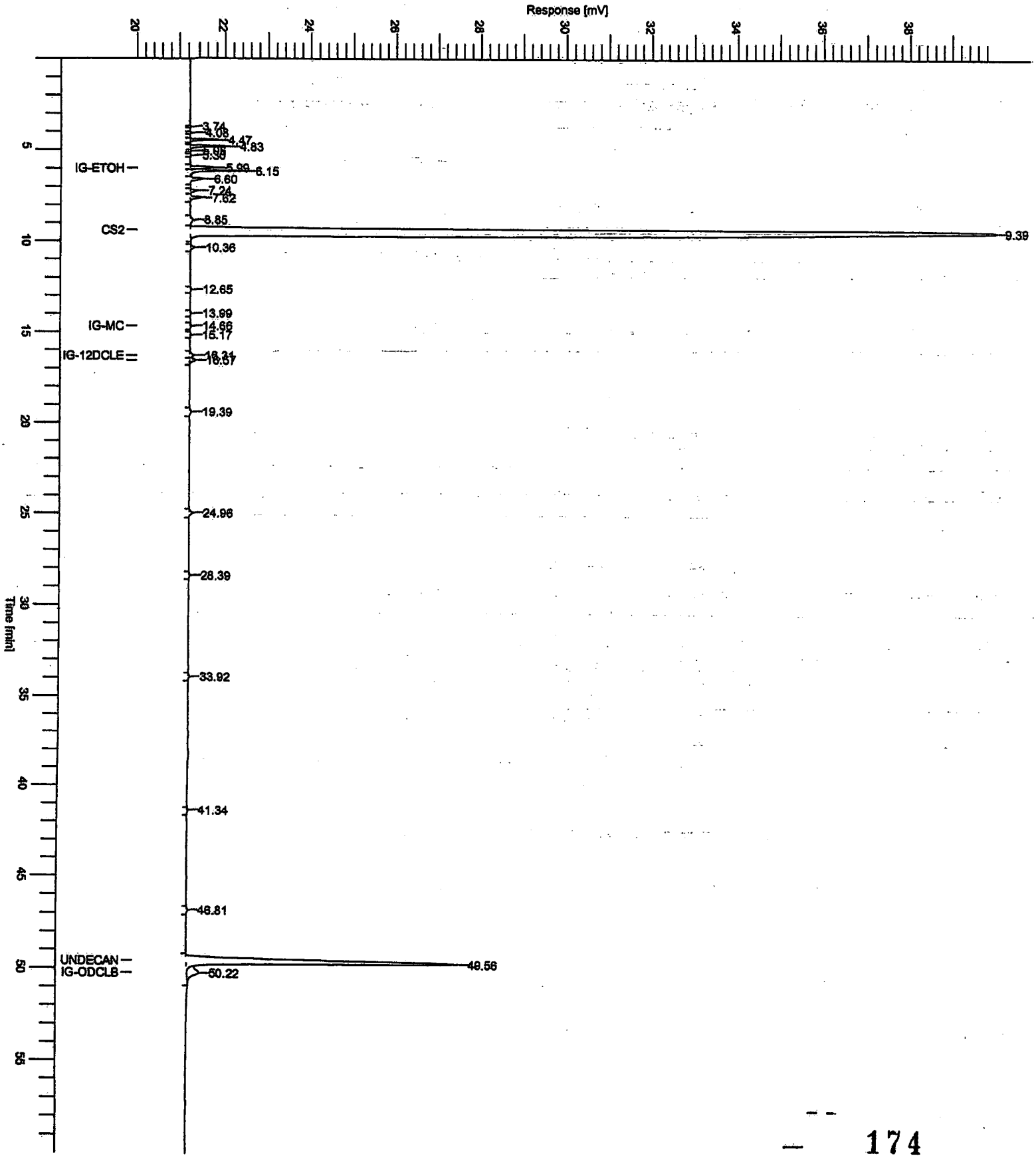
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 33.92 | 324 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 41.34 | 193 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 46.81 | 389 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| UNDECANE | 49.56 | 89228 | 3472 | 25.70 | 1.0 | 1 | 25.6978 |
| IG-ODCLBZ | 50.22 | 7324 | 498 | 14.71 | 1.0 | 1 | 14.7061 OK |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A021.TX0

# Chromatogram

Sample Name : L79047-12A,WG39545,STD2TUBE  Sample #: 21  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A021.raw
Date : 2/27/02 4:50:53 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/27/02 7:54:03 AM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:30:11 AM |
| Operator | : manager | Sample Name | : L79047-12B,WG39545,STD2TUBE |
| Sample Number | : 61 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/61 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 6:26:36 AM | Cycle | : 61 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A061.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A061.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A061.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

A11CDL

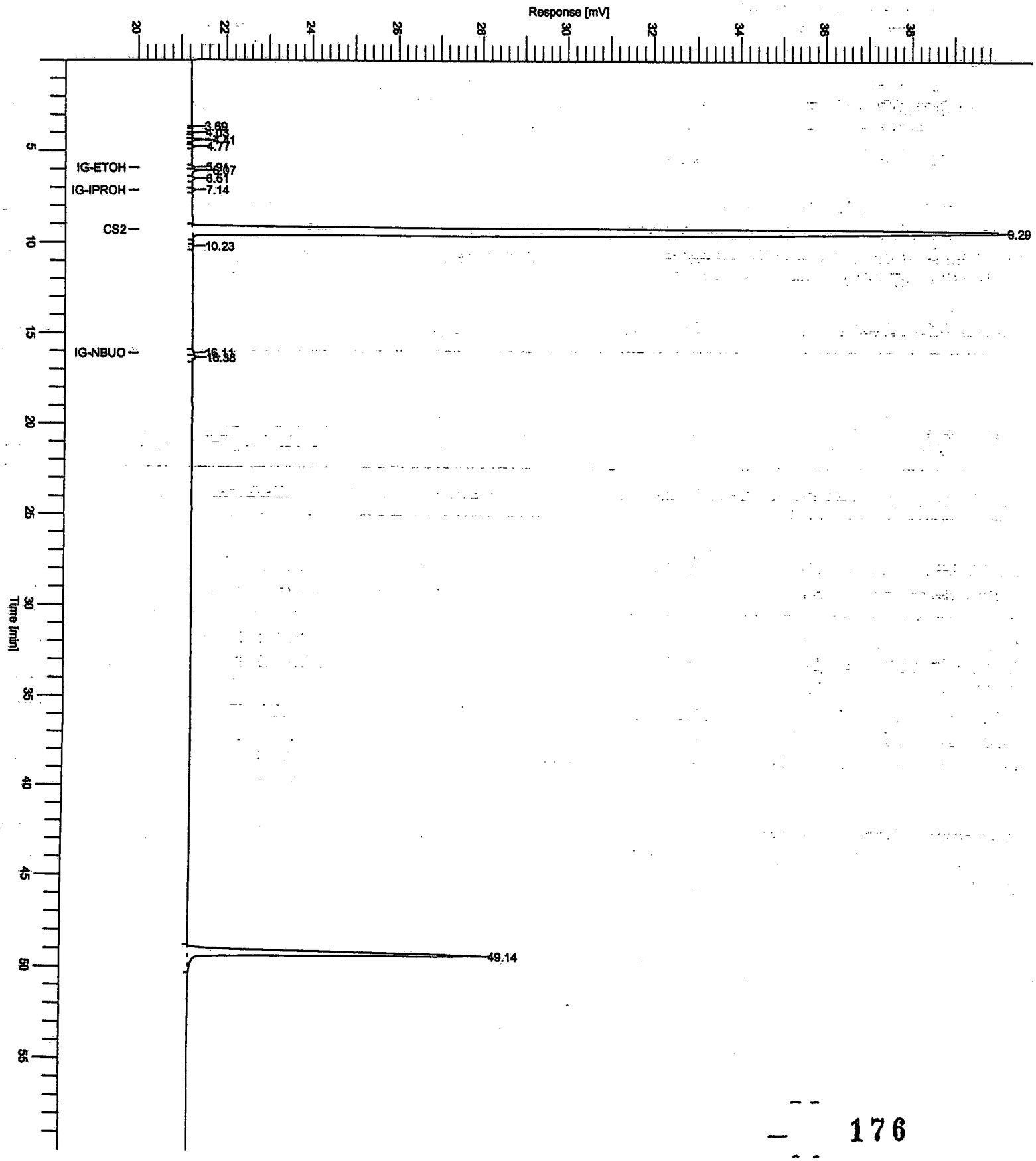
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.03 | 106 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 4.41 | 839 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| | 4.77 | 307 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-ETOH | 5.91 | 277 | 223 | 1.24 | 1.0 | 1 | 1.2431 |
| | 6.07 | 1023 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 |
| | 6.51 | 377 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| IG-IPROH | 7.14 | 336 | 329 | 1.02 | 1.0 | 1 | 1.0203 |
| CS2 | 9.29 | 410966 | 1000000 | 0.41 | 1.0 | 1 | 0.4110 |
| | 10.23 | 117 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| IG-NBUOH | 16.11 | 259 | 403 | 0.64 | 1.0 | 1 | 0.6430 |
| | 16.38 | 666 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 49.14 | 97002 | 1000000 | 0.10 | 1.0 | 1 | 0.0970 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A061.TX0

# Chromatogram

Sample Name : L79047-12B,WG3S545,STD2TUBE  Sample #: 61  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A061.raw
Date : 3/4/02 10:30:16 AM
Method : hp#2 orgprof  Time of Injection: 3/1/02 6:28:36 AM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:36:16 PM |
| Operator | : manager | Sample Name | : L79047-13A,WG39545,STD2TUBE |
| Sample Number | : 043 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/41 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 7:46:40 AM | Cycle | : 43 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A043.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A043.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A043.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.98 | 2558 | 1000000 | 0.00 | 1.0 | 1 | 0.0026 |
| | 1.11 | 5310 | 1000000 | 0.01 | 1.0 | 1 | 0.0053 |
| | 1.18 | 2818 | 1000000 | 0.00 | 1.0 | 1 | 0.0028 |
| CS2 | 1.33 | 178577 | 51656 | 3.46 | 1.0 | 1 | 3.4570 |
| IG-MEK | 1.52 | 2927 | 373 | 7.85 | 1.0 | 1 | 7.8479 |
| | 1.62 | 1075 | 1000000 | 0.00 | 1.0 | 1 | 0.0011 |
| IG-NHX | 1.74 | 1475 | 668 | 2.21 | 1.0 | 1 | 2.2076 |
| | 1.85 | 280 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 1.98 | 612 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| IG-BZ | 2.24 | 1038 | 691 | 1.50 | 1.0 | 1 | 1.5024 <DL |
| | 2.47 | 277 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 2.59 | 247 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-TCLETE | 2.79 | 276 | 163 | 1.70 | 1.0 | 1 | 1.6961 <DL |
| | 3.01 | 520 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 3.41 | 454 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-TL | 4.11 | 663 | 708 | 0.94 | 1.0 | 1 | 0.9359 <DL |
| IG-TETCLETE | 5.07 | 279 | 135 | 2.07 | 1.0 | 1 | 2.0674 |
| IG-XY | 6.27 | 292 | 584 | 0.50 | 1.0 | 1 | 0.4999 <DL |
| | 7.71 | 223 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 9.04 | 742 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 9.32 | 481 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |

ETBZ/VNTL<DL

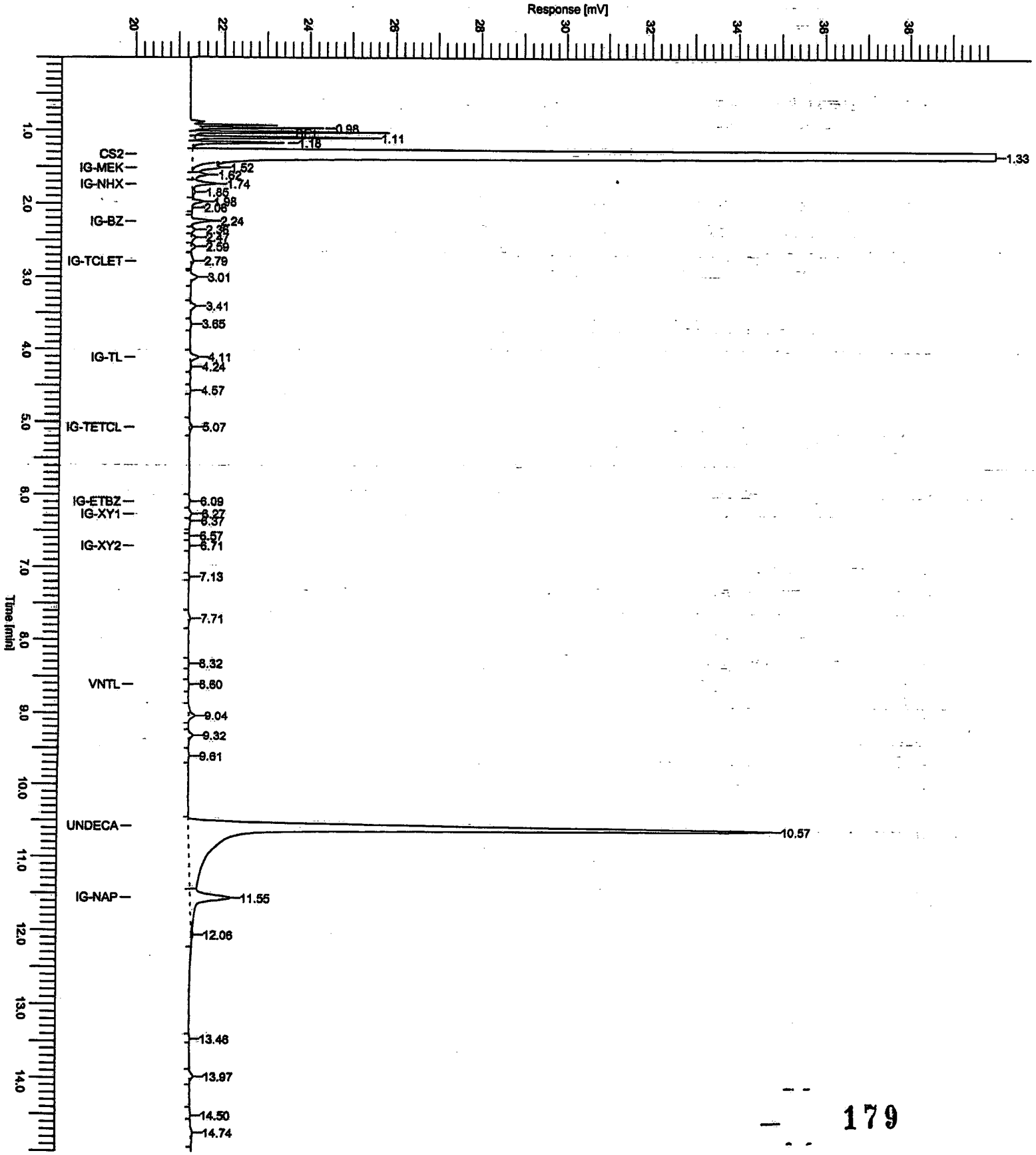
2/27/02 3:36:16 PM Result: C:\PenExe\TcWS\HP-6A\022602A043.rst

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| Undecane | 10.57 | 85188 | 28413 | 3.00 | 1.0 | 1 | 2.9982 |
| IG-NAP | 11.55 | 7271 | 754 | 9.64 | 1.0 | 1 | 9.6410 ok |
| | 12.06 | 396 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 13.97 | 457 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 14.74 | 362 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | | 294798 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A043.TX0

# Chromatogram

Sample Name : L79047-13A,WG39545,STD2TUBE  Sample #: 043  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A043.raw
Date : 2/27/02 3:36:21 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 7:46:40 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:36:22 PM |
| Operator | : manager | Sample Name | : L79047-13B,WG39545,STD2TUBE |
| Sample Number | : 044 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/42 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 8:08:44 AM | Cycle | : 44 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A044.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A044.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A044.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

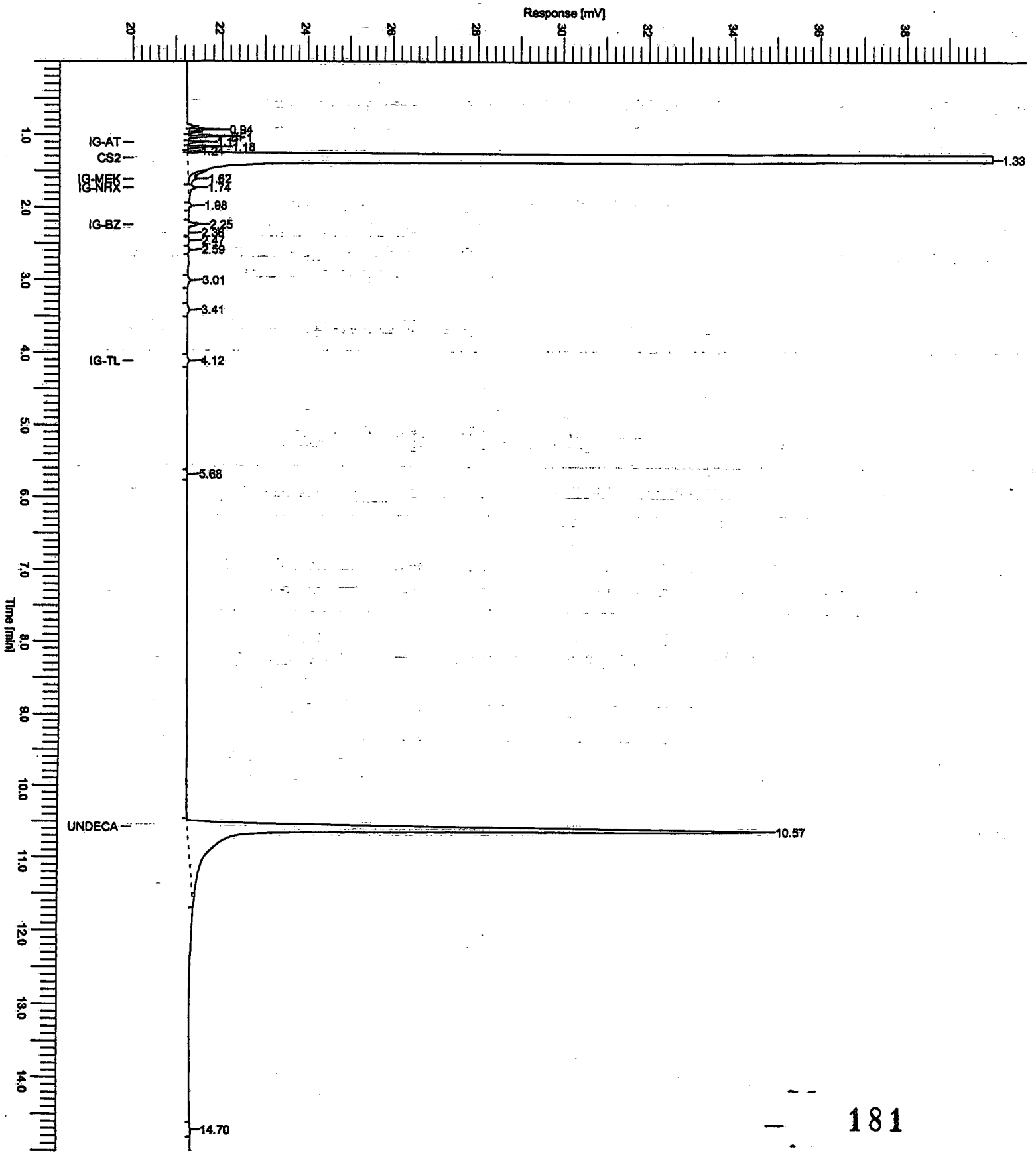
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.94 | 818 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| IG-AT | 1.11 | 406 | 333 | 1.22 | 1.0 | 1 | 1.2187 |
| | 1.18 | 913 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 |
| CS2 | 1.33 | 178181 | 51656 | 3.45 | 1.0 | 1 | 3.4494 |
| IG-MEK | 1.62 | 1218 | 373 | 3.27 | 1.0 | 1 | 3.2652 |
| IG-NHX | 1.74 | 764 | 668 | 1.14 | 1.0 | 1 | 1.1432 |
| IG-BZ | 2.25 | 504 | 691 | 0.73 | 1.0 | 1 | 0.7297 <DL |
| | 3.01 | 225 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| Undecane | 10.57 | 81692 | 28413 | 2.88 | 1.0 | 1 | 2.8751 |
| | | 264720 | | | | | |

All<DL

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A044.TX0

# Chromatogram

Sample Name : L79047-13B,WG39545,STD2TUBE  Sample #: 044  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A044.raw
Date : 2/27/02 3:36:25 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 8:08:44 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 4:51:53 PM |
| Operator | : manager | Sample Name | : L79047-13A,WG39545,STD2TUBE |
| Sample Number | : 22 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/22 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 9:01:16 AM | Cycle | : 22 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A022.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A022.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 4.12 | 149 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 | All<DL |
| | 4.51 | 2076 | 1000000 | 0.00 | 1.0 | 1 | 0.0021 | |
| | 4.87 | 3286 | 1000000 | 0.00 | 1.0 | 1 | 0.0033 | |
| IG-ETOH | 6.03 | 4013 | 223 | 18.00 | 1.0 | 1 | 17.9952 | |
| | 6.19 | 6023 | 1000000 | 0.01 | 1.0 | 1 | 0.0060 | |
| | 6.64 | 2215 | 1000000 | 0.00 | 1.0 | 1 | 0.0022 | |
| | 7.27 | 1079 | 1000000 | 0.00 | 1.0 | 1 | 0.0011 | |
| | 7.66 | 1893 | 1000000 | 0.00 | 1.0 | 1 | 0.0019 | |
| | 8.88 | 1021 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 | |
| CS2 | 9.42 | 397954 | 1000000 | 0.40 | 1.0 | 1 | 0.3980 | |
| | 10.41 | 874 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 | |
| ETACT | 12.71 | 239 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | |
| | 13.03 | 319 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 14.04 | 168 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | |
| IG-MC | 14.70 | 198 | 192 | 1.03 | 1.0 | 1 | 1.0317 | <DL |
| | 15.22 | 140 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 | |
| IG-12DCLET | 16.36 | 598 | 268 | 2.23 | 1.0 | 1 | 2.2300 | <DL |
| IG-BZ | 16.63 | 1290 | 865 | 1.49 | 1.0 | 1 | 1.4913 | |
| | 19.45 | 397 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | |
| | 25.02 | 723 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 | |
| | 28.45 | 260 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |

2/27/02 4:51:53 PM Result:

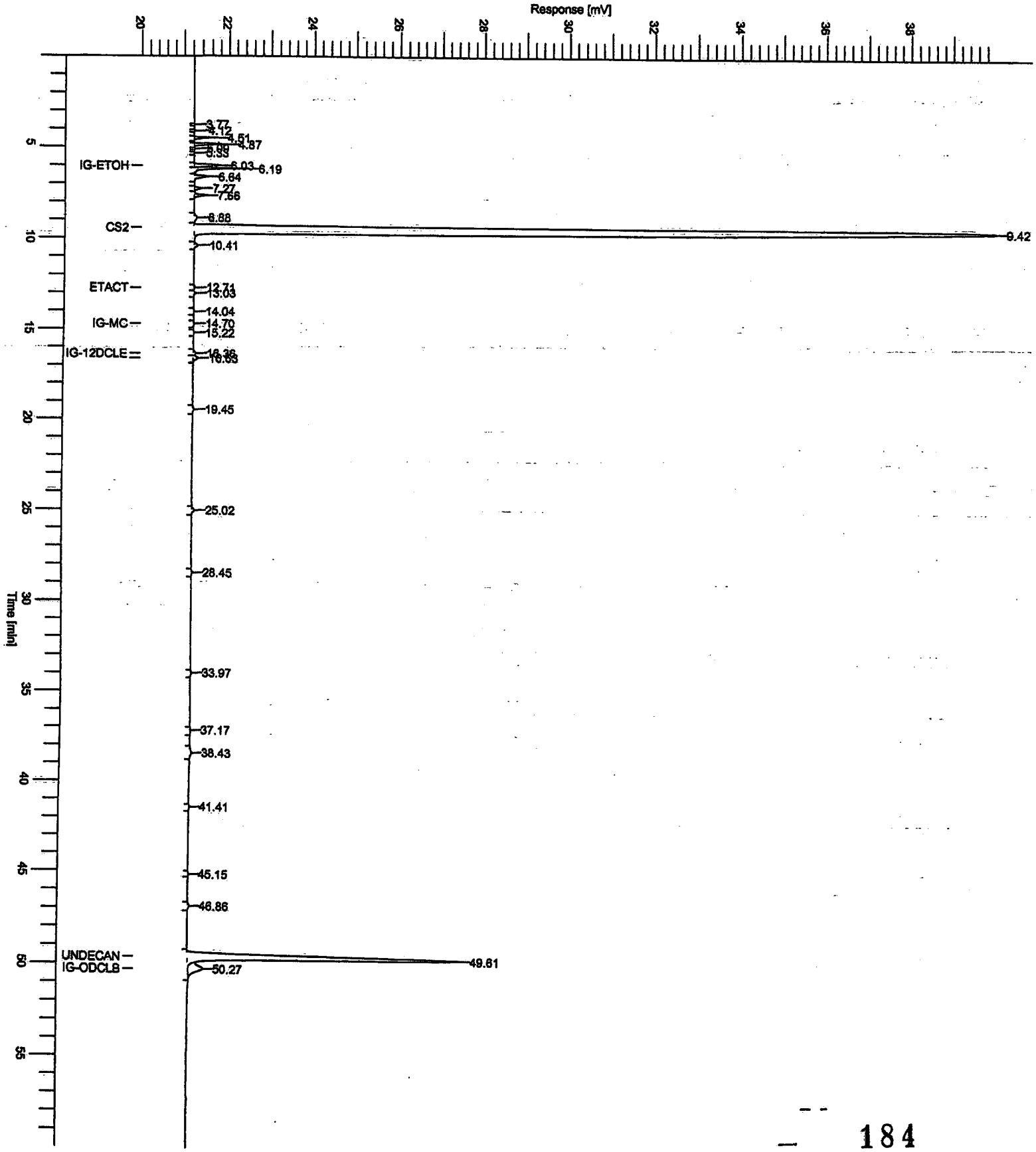
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 33.97 | 264 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 37.17 | 176 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 38.43 | 806 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| | 41.41 | 171 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 45.15 | 102 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 46.86 | 509 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| UNDECANE | 49.61 | 89768 | 3472 | 25.85 | 1.0 | 1 | 25.8533 |
| IG-ODCLBZ | 50.27 | 8751 | 498 | 17.57 | 1.0 | 1 | 17.5719 OK |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A022.TX0

# Chromatogram

Sample Name : L79047-13A,WG39545,STD2TUBE  Sample #: 22  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A022.raw
Date : 2/27/02 4:51:58 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/27/02 9:01:16 AM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:30:17 AM |
| Operator | : manager | Sample Name | : L79047-13B,WG39545,STD2TUBE |
| Sample Number | : 62 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/62 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 7:33:22 AM | Cycle | : 62 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A062.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A062.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A062.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

All DL

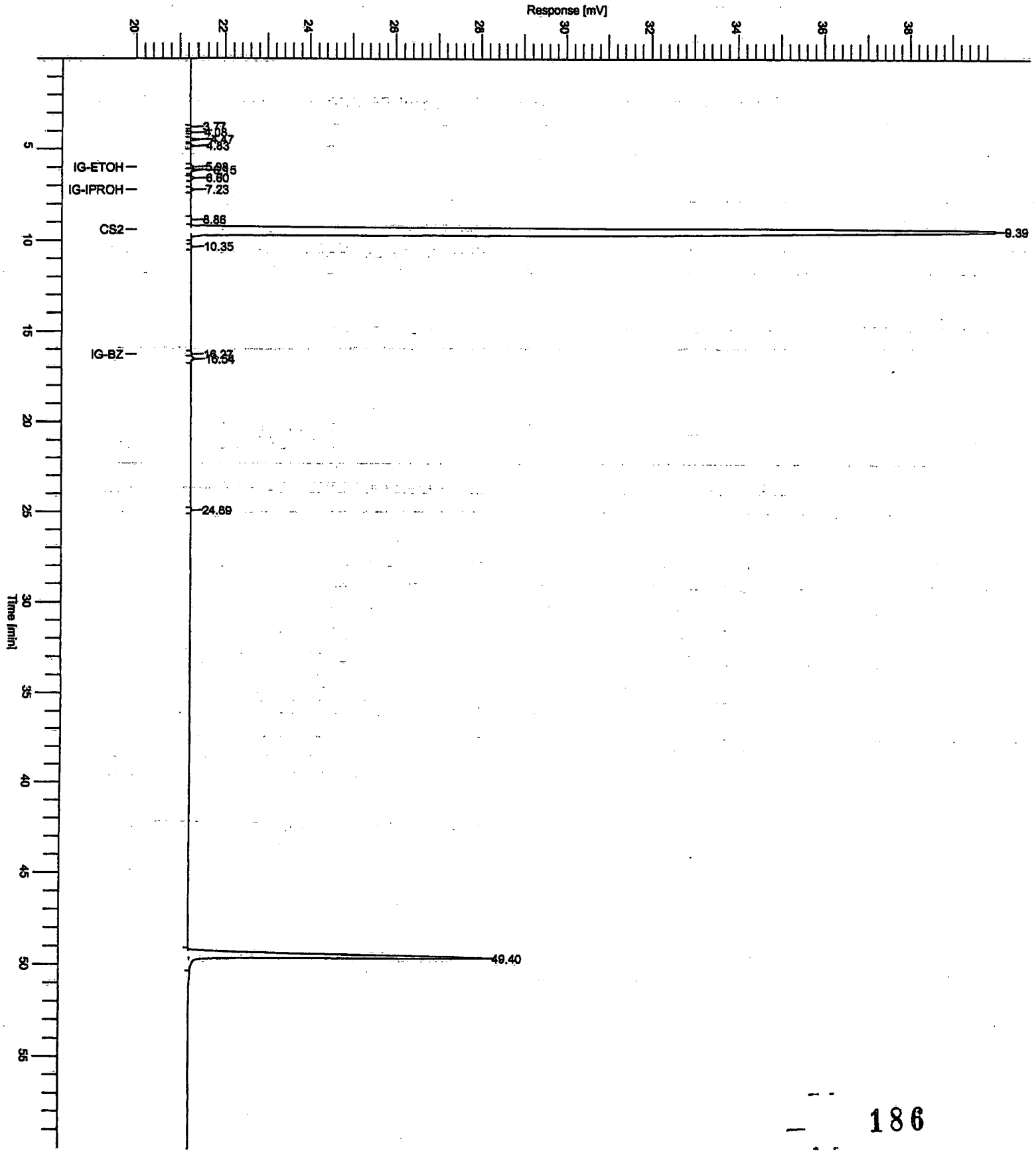
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.47 | 758 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| | 4.83 | 358 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| IG-ETOH | 5.98 | 432 | 223 | 1.94 | 1.0 | 1 | 1.9360 |
| | 6.15 | 1112 | 1000000 | 0.00 | 1.0 | 1 | 0.0011 |
| | 6.60 | 509 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-IPROH | 7.23 | 487 | 329 | 1.48 | 1.0 | 1 | 1.4783 |
| | 8.86 | 190 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| CS2 | 9.39 | 411361 | 1000000 | 0.41 | 1.0 | 1 | 0.4114 |
| | 10.35 | 164 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-BZ | 16.27 | 245 | 865 | 0.28 | 1.0 | 1 | 0.2830 |
| | 16.54 | 703 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 24.89 | 139 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 49.40 | 96137 | 1000000 | 0.10 | 1.0 | 1 | 0.0961 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A062.TX0

# Chromatogram

Sample Name : L79047-138,WG39545,STD2TUBE  Sample #: 62  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A062.raw
Date : 3/4/02 10:30:22 AM
Method : hp#2 orgprof  Time of Injection: 3/1/02 7:33:22 AM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:36:26 PM |
| Operator | : manager | Sample Name | : L79047-14A,WG39545,STD2TUBE |
| Sample Number | : 045 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/43 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 8:30:52 AM | Cycle | : 45 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A045.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A045.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A045.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.98 | 5678 | 1000000 | 0.01 | 1.0 | 1 | 0.0057 |
| IG-AT | 1.11 | 3738 | 333 | 11.23 | 1.0 | 1 | 11.2252 |
| | 1.18 | 2481 | 1000000 | 0.00 | 1.0 | 1 | 0.0025 |
| CS2 | 1.33 | 173386 | 51656 | 3.36 | 1.0 | 1 | 3.3565 |
| IG-MEK | 1.52 | 2893 | 373 | 7.76 | 1.0 | 1 | 7.7557 |
| | 1.62 | 938 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 |
| IG-NHX | 1.74 | 933 | 668 | 1.40 | 1.0 | 1 | 1.3961 ~~<DL~~ |
| | 1.99 | 438 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| IG-BZ | 2.25 | 1105 | 691 | 1.60 | 1.0 | 1 | 1.5988 <DL |
| | 2.37 | 201 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 2.47 | 315 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 2.60 | 311 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-TCLETE | 2.80 | 328 | 163 | 2.01 | 1.0 | 1 | 2.0100 <DL |
| | 3.02 | 806 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| | 3.42 | 542 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-TL | 4.12 | 494 | 708 | 0.70 | 1.0 | 1 | 0.6980 <DL |
| IG-TETCLETE | 5.08 | 220 | 135 | 1.63 | 1.0 | 1 | 1.6296 |

EtBZ/VNTL <DL

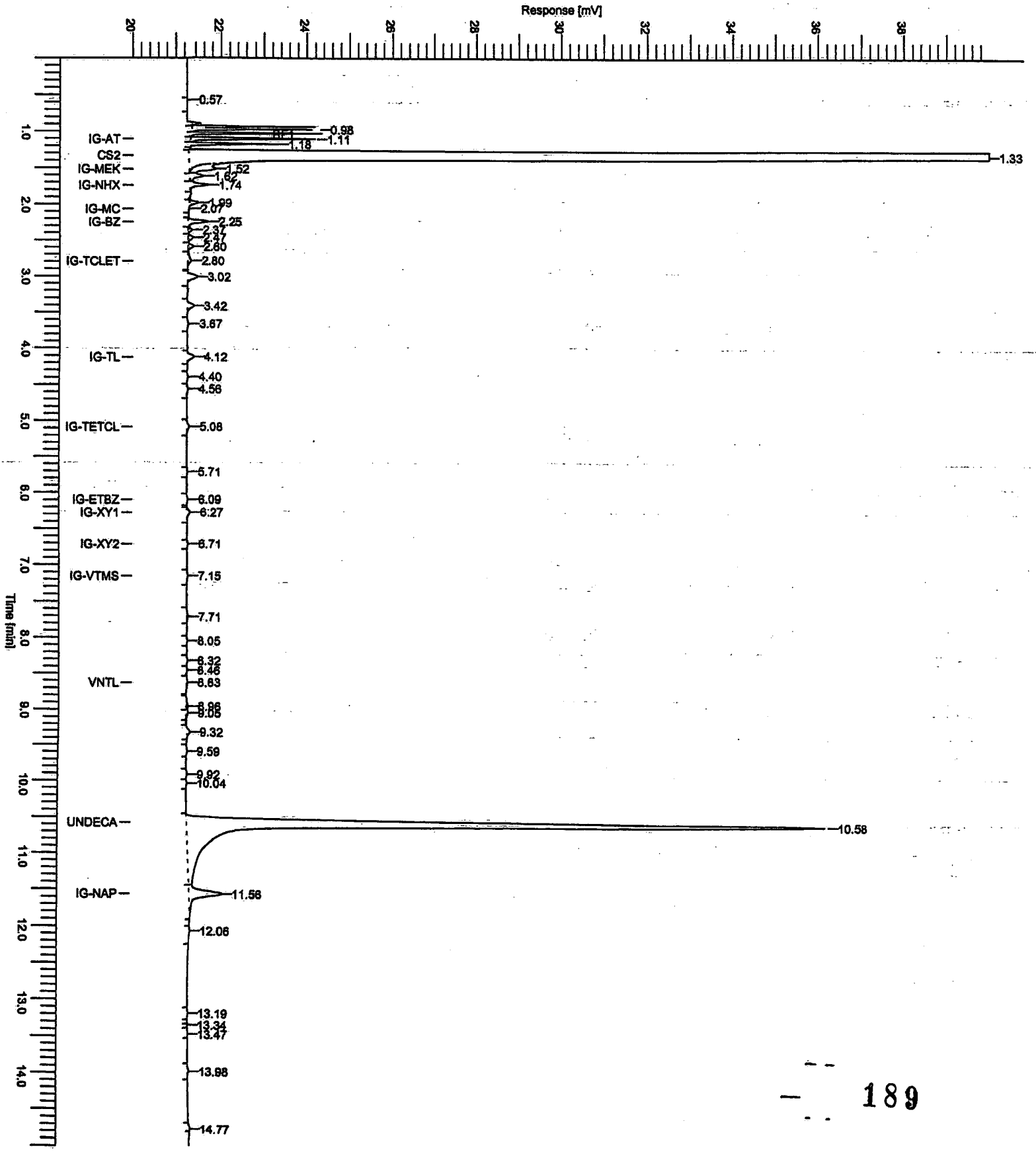
2/27/02 3:36:26 PM Result: C:\PenExe\TcWS\HP-6A\022602A045.rst

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| IG-XY | 6.27 | 373 | 584 | 0.64 | 1.0 | 1 | 0.6384 | <DL |
| | 9.32 | 324 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| Undecane | 10.58 | 86139 | 28413 | 3.03 | 1.0 | 1 | 3.0316 | |
| IG-NAP | 11.56 | 4859 | 754 | 6.44 | 1.0 | 1 | 6.4428 | OK |
| | | 286501 | | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A045.TX0

# Chromatogram

Sample Name : L79047-14A,WG39545,STD2TUBE  Sample #: 045  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A045.raw
Date : 2/27/02 3:36:31 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 8:30:52 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV

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| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:36:32 PM |
| Operator | : manager | Sample Name | : L79047-14B,WG39545,STD2TUBE |
| Sample Number | : 046 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/44 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 8:53:08 AM | Cycle | : 46 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A046.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A046.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A046.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

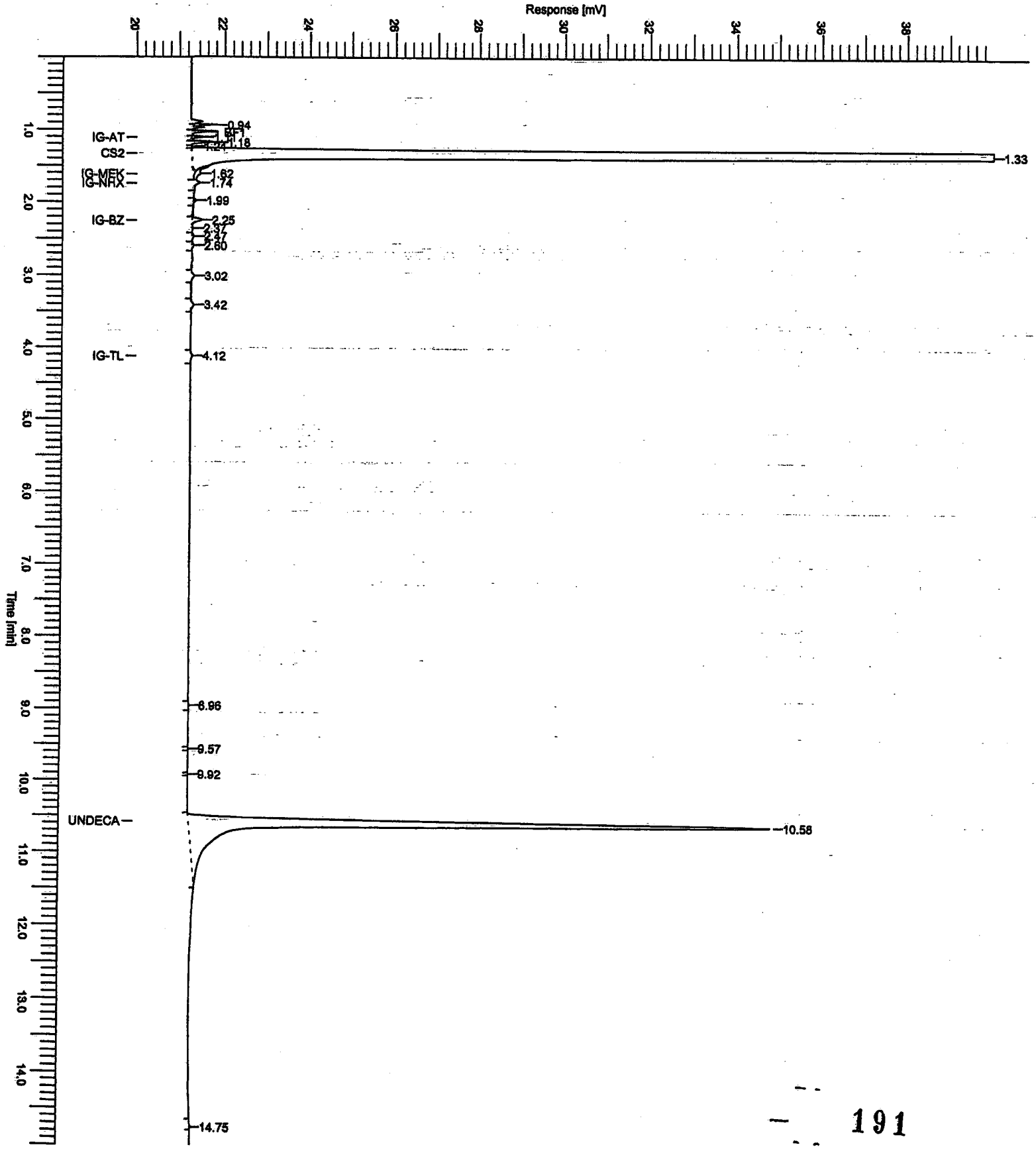
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.94 | 697 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 | All ND |
| IG-AT | 1.11 | 301 | 333 | 0.91 | 1.0 | 1 | 0.9052 | |
| | 1.18 | 683 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 | |
| CS2 | 1.33 | 173748 | 51656 | 3.36 | 1.0 | 1 | 3.3635 | |
| IG-MEK | 1.62 | 990 | 373 | 2.65 | 1.0 | 1 | 2.6544 | |
| IG-NHX | 1.74 | 373 | 668 | 0.56 | 1.0 | 1 | 0.5583 | |
| IG-BZ | 2.25 | 506 | 691 | 0.73 | 1.0 | 1 | 0.7330 | ZDL |
| | 3.02 | 216 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | |
| Undecane | 10.58 | 79388 | 28413 | 2.79 | 1.0 | 1 | 2.7940 | |
| | | 256902 | | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A046.TX0

# Chromatogram

Sample Name : L79047-14B,WG39545,STD2TUBE  Sample #: 046  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-8a\022602A046.raw
Date : 2/27/02 3:36:35 PM
Method : hp#8a rtx 1  Time of Injection: 2/27/02 8:53:08 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 4:53:56 PM |
| Operator | : manager | Sample Name | : L79047-14A,WG39545,STD2TUBE |
| Sample Number | : 23 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/23 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 10:08:52 AM | Cycle | : 23 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A023.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A023.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.14 | 267 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 4.54 | 3406 | 1000000 | 0.00 | 1.0 | 1 | 0.0034 |
| | 4.90 | 3902 | 1000000 | 0.00 | 1.0 | 1 | 0.0039 |
| IG-ETOH | 6.06 | 3276 | 223 | 14.69 | 1.0 | 1 | 14.6925 |
| | 6.23 | 3752 | 1000000 | 0.00 | 1.0 | 1 | 0.0038 |
| | 6.68 | 2172 | 1000000 | 0.00 | 1.0 | 1 | 0.0022 |
| | 7.32 | 946 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 |
| | 7.71 | 1045 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 |
| | 8.95 | 957 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 |
| CS2 | 9.48 | 395035 | 1000000 | 0.40 | 1.0 | 1 | 0.3950 |
| | 10.47 | 725 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 12.79 | 233 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 14.13 | 219 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-CYHX | 14.80 | 267 | 656 | 0.41 | 1.0 | 1 | 0.4077 <DL |
| | 15.33 | 158 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-12DCLET | 16.46 | 977 | 268 | 3.65 | 1.0 | 1 | 3.6472 OK |
| IG-BZ | 16.73 | 1363 | 865 | 1.58 | 1.0 | 1 | 1.5755 |
| IG-NPRACT | 19.55 | 493 | 334 | 1.48 | 1.0 | 1 | 1.4764 |
| | 25.16 | 614 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| | 28.59 | 190 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 34.15 | 404 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |

2/27/02 4:53:56 PM Result:

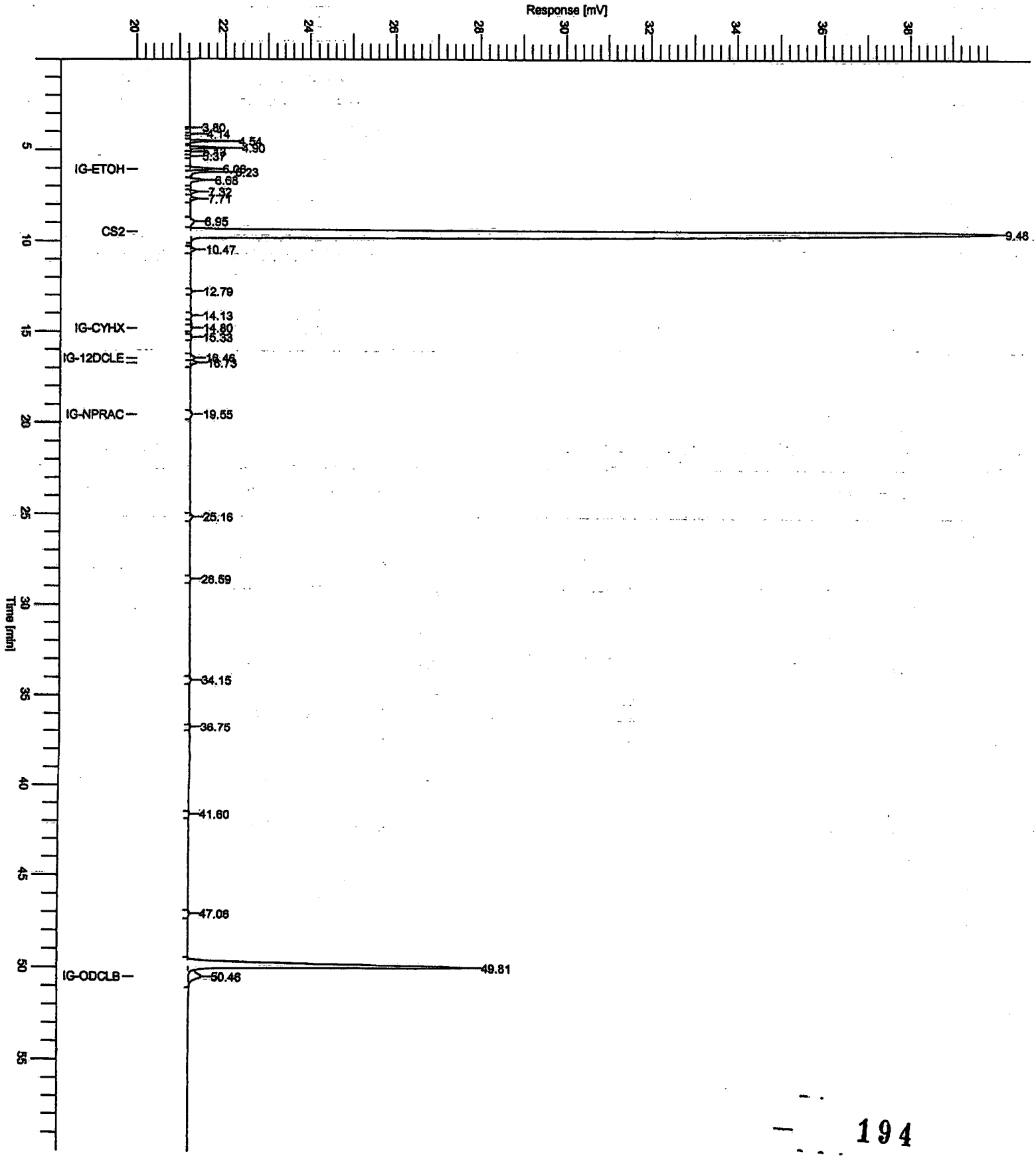
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 36.75 | 130 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 41.60 | 167 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 47.06 | 362 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 49.81 | 92174 | 1000000 | 0.09 | 1.0 | 1 | 0.0922 |
| IG-ODCLBZ | 50.46 | 6918 | 498 | 13.89 | 1.0 | 1 | 13.8922 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A023.TX0

# Chromatogram

Sample Name : L79047-14A,WG39545,STD2TUBE  Sample #: 23  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A023.raw
Date : 2/27/02 4:54:01 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/27/02 10:08:52 AM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:30:23 AM |
| Operator | : manager | Sample Name | : L79047-14B,WG39545,STD2TUBE |
| Sample Number | : 63 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/63 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 8:40:15 AM | Cycle | : 63 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A063.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A063.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A063.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.10 | 140 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 4.49 | 634 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| | 4.85 | 305 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-ETOH | 6.00 | 301 | 223 | 1.35 | 1.0 | 1 | 1.3498 |
| | 6.17 | 460 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 6.61 | 394 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 7.24 | 395 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 7.61 | 145 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 8.85 | 180 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| CS2 | 9.41 | 409325 | 1000000 | 0.41 | 1.0 | 1 | 0.4093 |
| | 10.37 | 154 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-BZ | 16.30 | 196 | 865 | 0.23 | 1.0 | 1 | 0.2267 |
| | 16.57 | 611 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| | 19.36 | 124 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 49.53 | 95643 | 1000000 | 0.10 | 1.0 | 1 | 0.0956 |

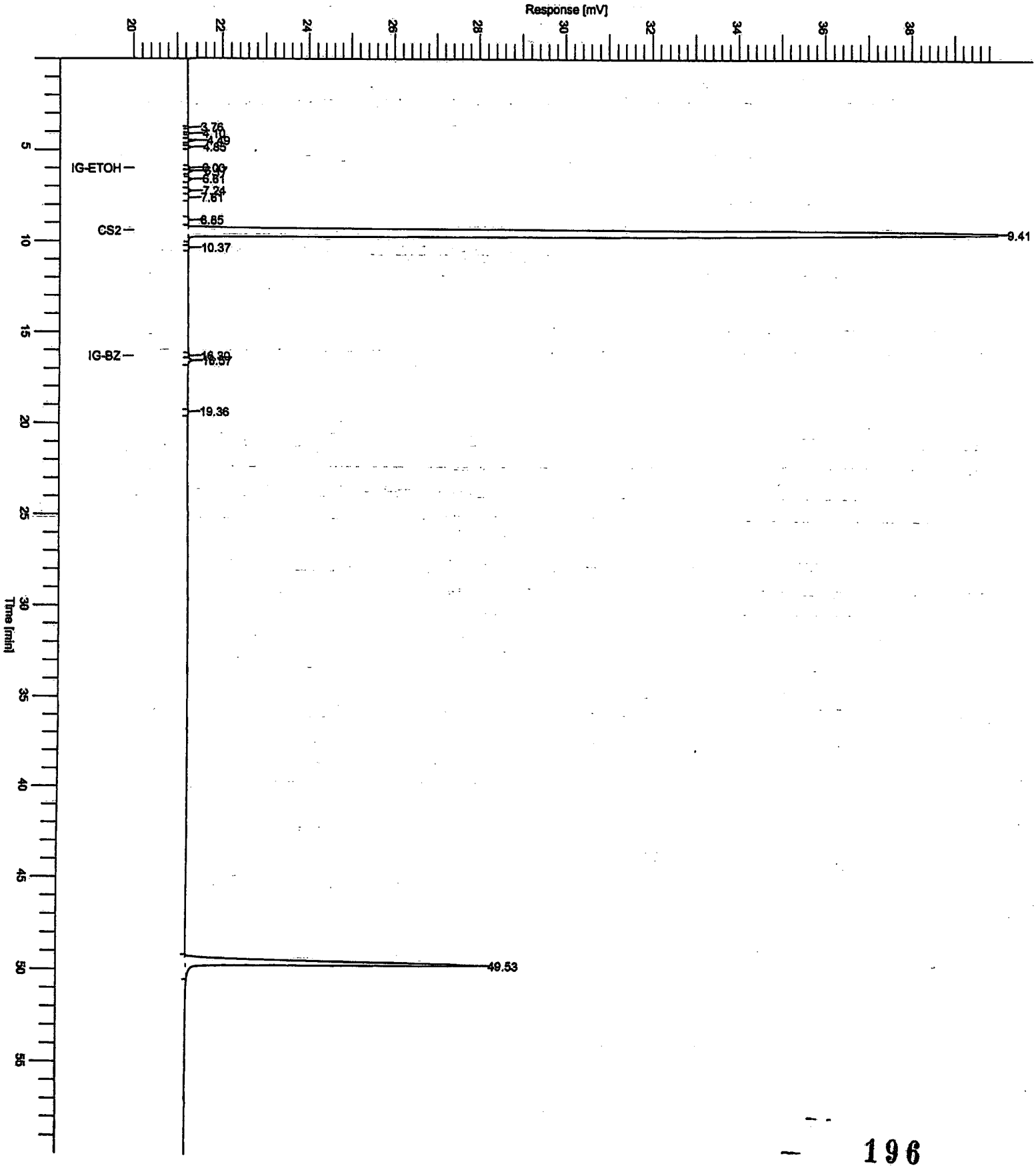
All ND

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A063.TX0

# Chromatogram

Sample Name : L79047-14B,WG39545,STD2TUBE  Sample #: 63  Page 1 of 1
FileName : C:\PenExe\ToWS\Hp-2\022602A063.raw
Date : 3/4/02 10:30:28 AM
Method : hp#2 orgprof  Time of Injection: 3/1/02 8:40:15 AM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:36:36 PM |
| Operator | : manager | Sample Name | : L79047-15A,WG39545,STD2TUBE |
| Sample Number | : 047 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/45 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 9:15:23 AM | Cycle | : 47 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A047.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A047.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A047.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.98 | 1359 | 1000000 | 0.00 | 1.0 | 1 | 0.0014 |
| IG-AT | 1.11 | 1181 | 333 | 3.55 | 1.0 | 1 | 3.5469 |
| | 1.18 | 1696 | 1000000 | 0.00 | 1.0 | 1 | 0.0017 |
| CS2 | 1.33 | 171214 | 51656 | 3.31 | 1.0 | 1 | 3.3145 |
| IG-MEK | 1.52 | 2268 | 373 | 6.08 | 1.0 | 1 | 6.0799 |
| | 1.62 | 845 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| IG-NHX | 1.74 | 796 | 668 | 1.19 | 1.0 | 1 | 1.1915 |
| | 1.99 | 285 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-BZ | 2.25 | 933 | 691 | 1.35 | 1.0 | 1 | 1.3498 <DL |
| | 2.47 | 225 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 2.60 | 223 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-TCLETE | 2.80 | 284 | 163 | 1.75 | 1.0 | 1 | 1.7452 <DL |
| | 3.02 | 516 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 3.42 | 340 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-TL | 4.12 | 517 | 708 | 0.73 | 1.0 | 1 | 0.7307 <DL |
| IG-XY | 6.28 | 245 | 584 | 0.42 | 1.0 | 1 | 0.4193 <DL |
| Undecane | 10.58 | 83538 | 28413 | 2.94 | 1.0 | 1 | 2.9401 |
| | 14.82 | 224 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | | 266688 | | | | | |

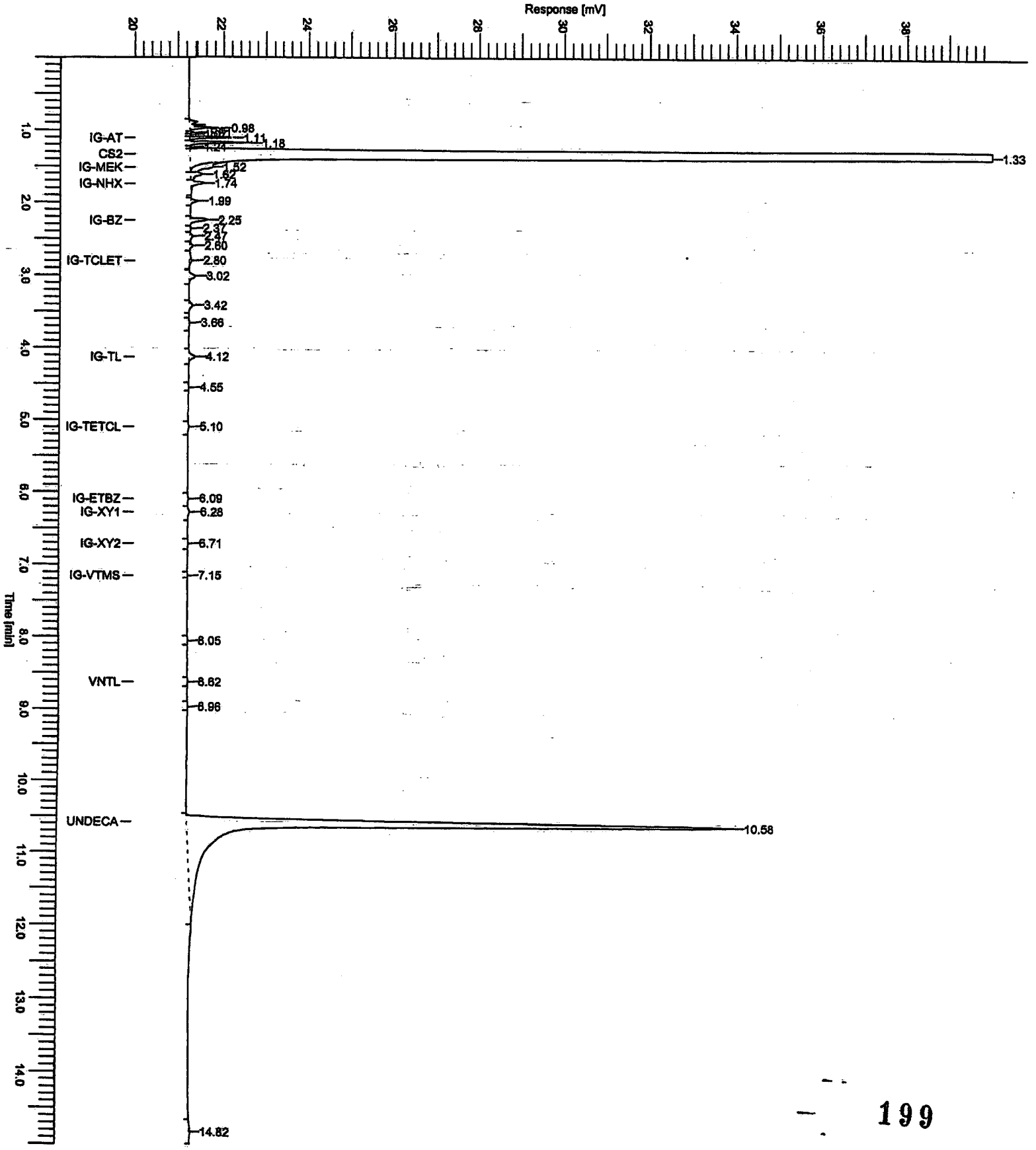
ETBZ/NAP/UNTL<DL

2/27/02 3:36:36 PM Result: C:\PenExe\TcWS\HP-6A\022602A047.rst

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A047.TX0

# Chromatogram

Sample Name : L79047-15A,WG39-545,STD2TUBE  Sample #: 047  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A047.raw
Date : 2/27/02 3:36:41 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 9:15:23 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:36:42 PM |
| Operator | : manager | Sample Name | : L79047-15B,WG39545,STD2TUBE |
| Sample Number | : 048 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/46 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 9:37:52 AM | Cycle | : 48 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A048.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A048.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A048.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

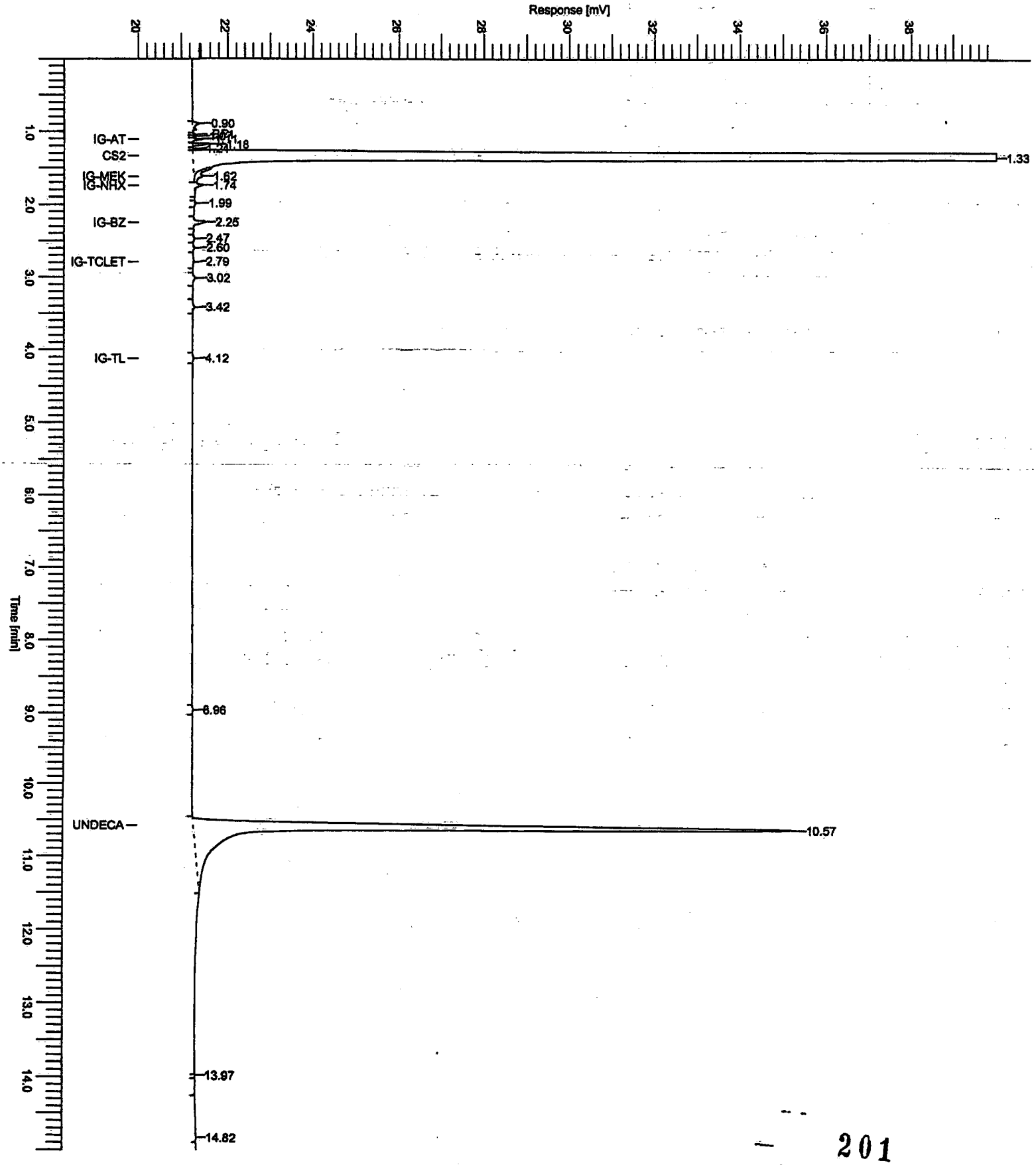
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.90 | 517 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-AT | 1.11 | 249 | 333 | 0.75 | 1.0 | 1 | 0.7476 |
| | 1.18 | 584 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| CS2 | 1.33 | 172184 | 51656 | 3.33 | 1.0 | 1 | 3.3333 |
| IG-MEK | 1.62 | 1182 | 373 | 3.17 | 1.0 | 1 | 3.1702 |
| IG-NHX | 1.74 | 508 | 668 | 0.76 | 1.0 | 1 | 0.7598 |
| IG-BZ | 2.25 | 544 | 691 | 0.79 | 1.0 | 1 | 0.7870 ⊿DL |
| Undecane | 10.57 | 81416 | 28413 | 2.87 | 1.0 | 1 | 2.8654 |
| | | 257184 | | | | | |

A/KDL

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A048.TX0

# Chromatogram

Sample Name : L79047-15B,WG39545,STD2TUBE  Sample #: 048  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A048.raw
Date : 2/27/02 3:36:44 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 9:37:52 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 4:55:33 PM |
| Operator | : manager | Sample Name | : L79047-15A,WG39545,STD2TUBE |
| Sample Number | : 24 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/24 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 11:16:25 AM | Cycle | : 24 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A024.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A024.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.57 | 349 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 4.94 | 831 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| | 6.11 | 1179 | 1000000 | 0.00 | 1.0 | 1 | 0.0012 |
| | 6.73 | 1107 | 1000000 | 0.00 | 1.0 | 1 | 0.0011 |
| IG-AT | 7.37 | 778 | 318 | 2.44 | 1.0 | 1 | 2.4420 |
| IG-VNECL | 7.76 | 364 | 200 | 1.82 | 1.0 | 1 | 1.8169 |
| | 9.02 | 562 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| CS2 | 9.53 | 397987 | 1000000 | 0.40 | 1.0 | 1 | 0.3980 |
| | 10.54 | 398 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 14.21 | 157 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 14.88 | 193 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-12DCLET | 16.54 | 635 | 268 | 2.37 | 1.0 | 1 | 2.3688 <DL |
| IG-CYHXE | 16.81 | 1257 | 724 | 1.74 | 1.0 | 1 | 1.7366 |
| | 19.65 | 320 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 25.25 | 651 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 34.25 | 298 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 49.92 | 96329 | 1000000 | 0.10 | 1.0 | 1 | 0.0963 |

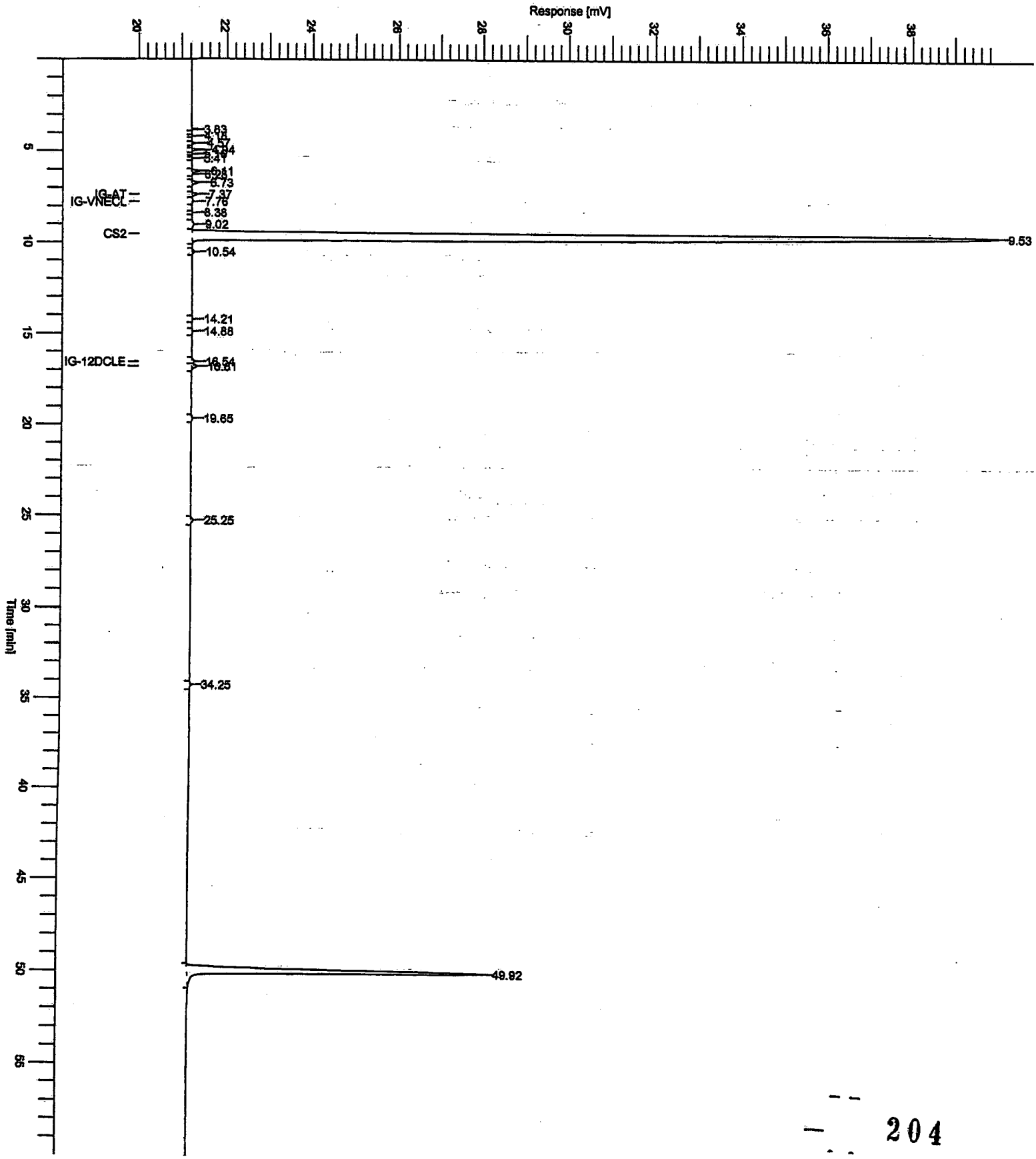
All <DL

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A024.TX0

# Chromatogram

Sample Name : L79047-15A,WG39545,STD2TUBE  Sample #: 24  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A024.raw
Date : 2/27/02 4:55:38 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/27/02 11:16:25 AM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV




204

| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:30:30 AM |
| Operator | : manager | Sample Name | : L79047-15B,WG39545,STD2TUBE |
| Sample Number | : 64 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/64 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 9:46:52 AM | Cycle | : 64 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A064.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A064.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A064.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 6.36 | 246 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-IPROH | 7.00 | 340 | 329 | 1.03 | 1.0 | 1 | 1.0329 |
| | 7.67 | 315 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 8.07 | 117 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 8.71 | 111 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| CS2 | 9.37 | 253 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 9.88 | 417519 | 1000000 | 0.42 | 1.0 | 1 | 0.4175 |
| IG-11DCLET | 10.94 | 203 | 229 | 0.89 | 1.0 | 1 | 0.8870 |
| | 17.09 | 195 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 17.38 | 704 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| IG-PTERTBUTL | 50.83 | 96406 | 658 | 146.58 | 1.0 | 1 | 146.5803 |

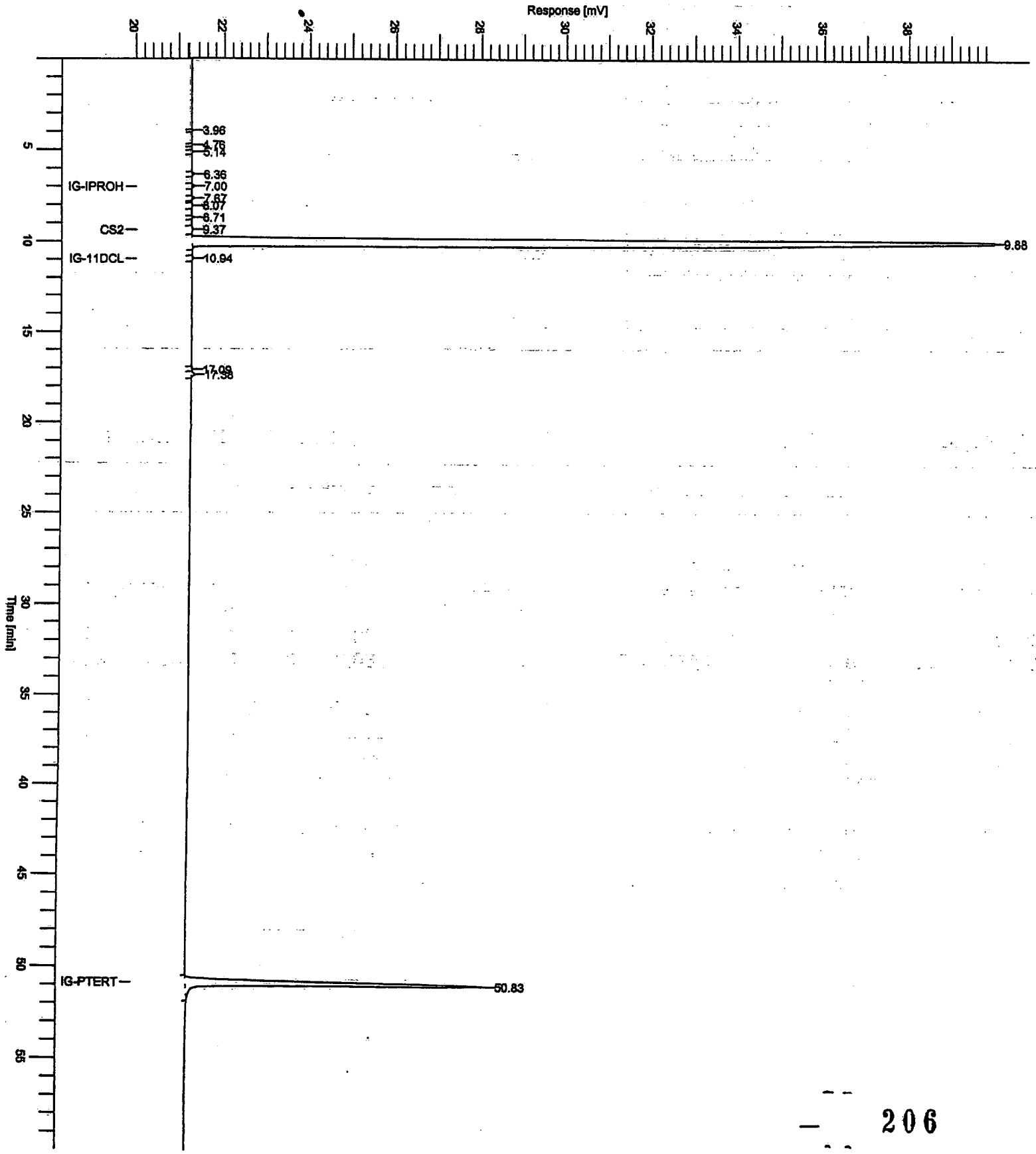
All ND

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A064.TX0

# Chromatogram

Sample Name : L79047-15B,WG39545,STD2TUBE  Sample #: 64  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A064.raw
Date : 3/4/02 10:30:34 AM
Method : hp#2 orgprof  Time of Injection: 3/1/02 9:46:52 AM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:36:46 PM |
| Operator | : manager | Sample Name | : L79047-16A,WG39545,STD2TUBE |
| Sample Number | : 050 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/47 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 10:22:52 AM | Cycle | : 50 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A050.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A050.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A050.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

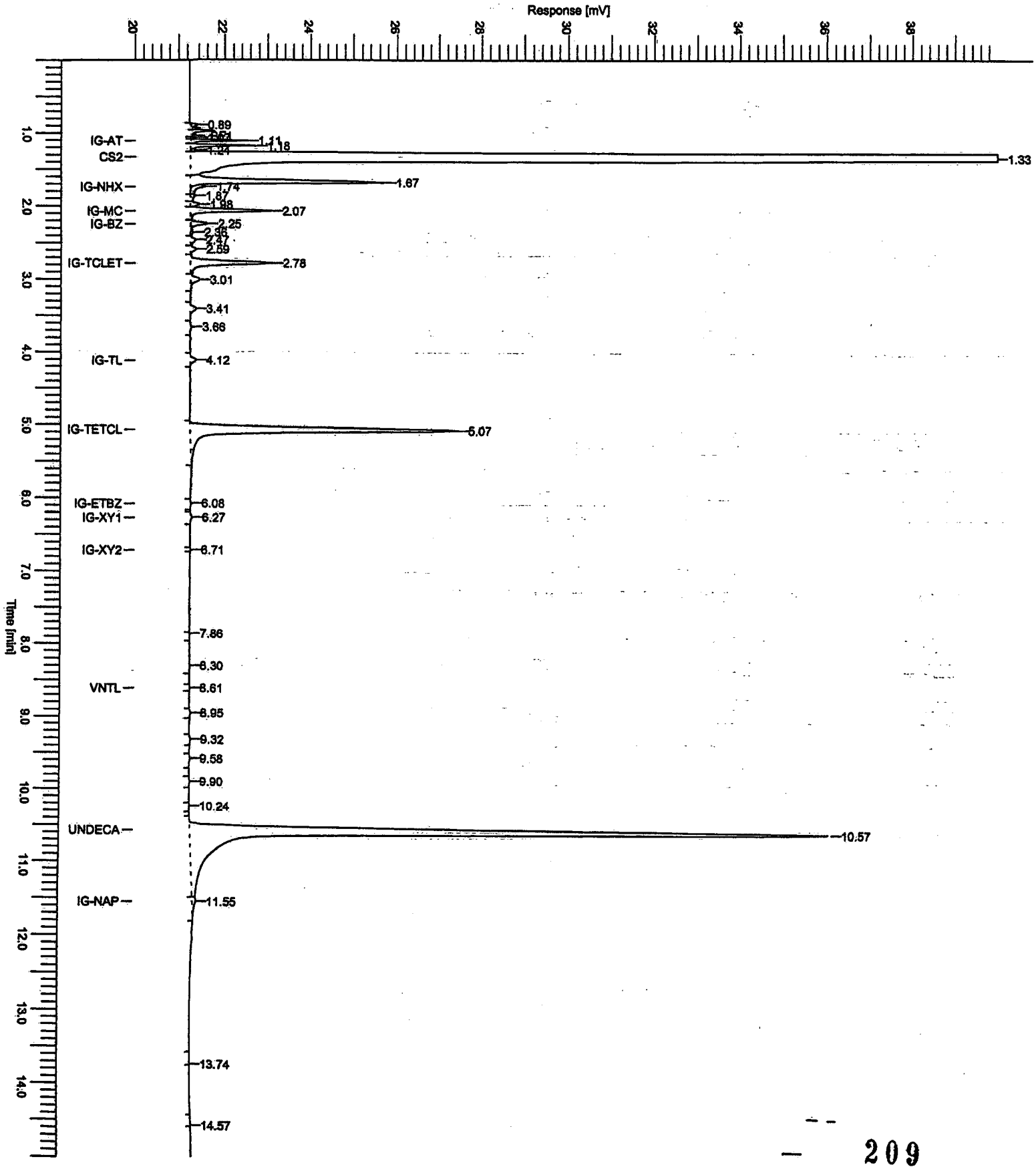
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.89 | 314 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| IG-AT | 1.11 | 1575 | 333 | 4.73 | 1.0 | 1 | 4.7297 | ETBZ/VNTL/XYL DL |
| | 1.18 | 2062 | 1000000 | 0.00 | 1.0 | 1 | 0.0021 | |
| CS2 | 1.33 | 173063 | 51656 | 3.35 | 1.0 | 1 | 3.3503 | |
| | 1.67 | 14216 | 1000000 | 0.01 | 1.0 | 1 | 0.0142 | |
| IG-NHX | 1.74 | 893 | 668 | 1.34 | 1.0 | 1 | 1.3365 | |
| | 1.87 | 270 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 1.98 | 449 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | |
| IG-MC | 2.07 | 4632 | 157 | 29.50 | 1.0 | 1 | 29.5024 | |
| IG-BZ | 2.25 | 948 | 691 | 1.37 | 1.0 | 1 | 1.3716 DL | |
| | 2.47 | 326 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | 2.59 | 302 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| IG-TCLETE | 2.78 | 6697 | 163 | 41.09 | 1.0 | 1 | 41.0879 OK | |
| | 3.01 | 778 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 | |
| | 3.41 | 426 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | |
| IG-TL | 4.12 | 404 | 708 | 0.57 | 1.0 | 1 | 0.5706 DL | |
| IG-TETCLETE | 5.07 | 28680 | 135 | 212.44 | 1.0 | 1 | 212.4433 | |
| Undecane | 10.57 | 87808 | 28413 | 3.09 | 1.0 | 1 | 3.0904 | |
| IG-NAP | 11.55 | 831 | 754 | 1.10 | 1.0 | 1 | 1.1019 DL | |
| | | 324673 | | | | | | |

2/27/02 3:36:46 PM Result: C:\PenExe\TcWS\HP-6A\022602A050.rst

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A050.TX0

# Chromatogram

Sample Name : L79047-16A,WG39545,STD2TUBE  Sample #: 050  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A050.raw
Date : 2/27/02 3:36:50 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 10:22:52 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:36:51 PM |
| Operator | : manager | Sample Name | : L79047-16B,WG39545,STD2TUBE |
| Sample Number | : 051 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/48 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 10:45:21 AM | Cycle | : 51 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A051.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A051.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A051.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

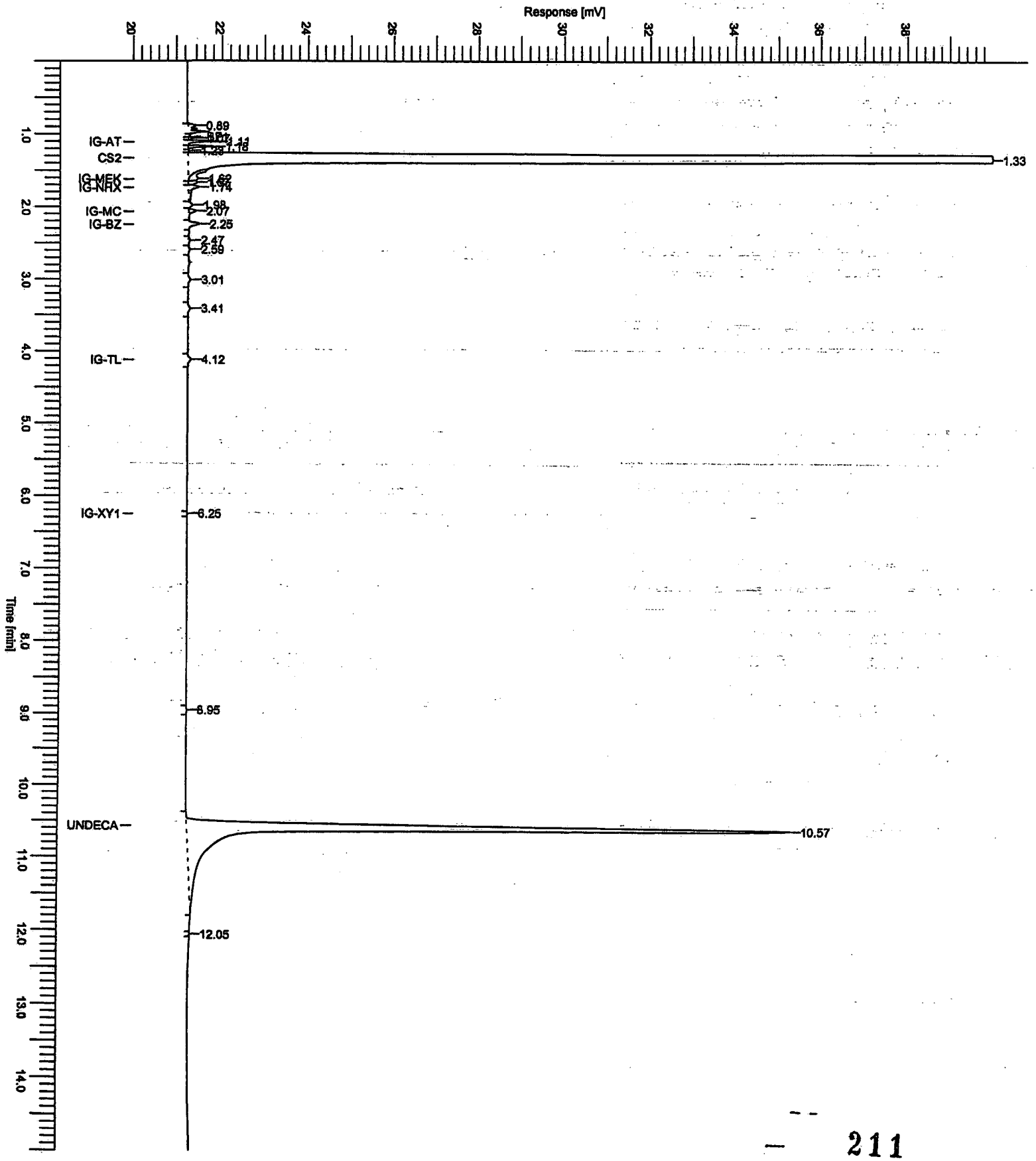
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.89 | 895 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 |
| IG-AT | 1.11 | 697 | 333 | 2.09 | 1.0 | 1 | 2.0941 |
| | 1.18 | 714 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| CS2 | 1.33 | 170432 | 51656 | 3.30 | 1.0 | 1 | 3.2994 |
| IG-MEK | 1.62 | 1259 | 373 | 3.38 | 1.0 | 1 | 3.3764 |
| | 1.67 | 466 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-NHX | 1.74 | 854 | 668 | 1.28 | 1.0 | 1 | 1.2786 |
| | 1.98 | 219 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-MC | 2.07 | 382 | 157 | 2.43 | 1.0 | 1 | 2.4309 |
| IG-BZ | 2.25 | 529 | 691 | 0.77 | 1.0 | 1 | 0.7662 <DL |
| IG-TL | 4.12 | 230 | 708 | 0.33 | 1.0 | 1 | 0.3255 <DL |
| Undecane | 10.57 | 84498 | 28413 | 2.97 | 1.0 | 1 | 2.9739 |
| | | 261175 | | | | | |

All <DL

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A051.TX0

# Chromatogram

Sample Name : L79047-16B,WG39545,STD2TUBE  Sample #: 051  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A051.raw
Date : 2/27/02 3:36:54 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 10:45:21 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 5:10:11 PM |
| Operator | : manager | Sample Name | : L79047-16A,WG39545,STD2TUBE |
| Sample Number | : 25 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/25 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 12:24:01 PM | Cycle | : 25 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A025.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A025.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.53 | 201 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 4.89 | 700 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 5.12 | 143 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| IG-ETOH | 6.05 | 1591 | 223 | 7.13 | 1.0 | 1 | 7.1331 |
| | 6.67 | 1459 | 1000000 | 0.00 | 1.0 | 1 | 0.0015 |
| IG-IPROH | 7.11 | 140 | 329 | 0.42 | 1.0 | 1 | 0.4250 |
| | 7.31 | 856 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 |
| | 7.69 | 499 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 8.30 | 122 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 8.92 | 693 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| CS2 | 9.45 | 394715 | 1000000 | 0.39 | 1.0 | 1 | 0.3947 |
| ~~IG-CLF~~ | 10.17 | 233 | 75 | 3.10 | 1.0 | 1 | 3.1050 |
| IG-NBUOH | 10.44 | 442 | 403 | 1.10 | 1.0 | 1 | 1.0966 |
| IG-11DCLET | 11.33 | 949 | 229 | 4.15 | 1.0 | 1 | 4.1456 OK |
| ETACT | 12.75 | 120 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 13.20 | 13973 | 1000000 | 0.01 | 1.0 | 1 | 0.0140 |
| IG-IBUOH | 14.08 | 161 | 460 | 0.35 | 1.0 | 1 | 0.3506 |
| IG-CYHX | 14.76 | 169 | 656 | 0.26 | 1.0 | 1 | 0.2582 <DL |
| IG-MC | 15.13 | 4895 | 192 | 25.49 | 1.0 | 1 | 25.4932 OK |
| IG-12DCLET | 16.40 | 792 | 268 | 2.95 | 1.0 | 1 | 2.9535 <DL |
| IG-BZ | 16.67 | 1109 | 865 | 1.28 | 1.0 | 1 | 1.2825 |

All other <DL

2/27/02 5:10:11 PM Result:

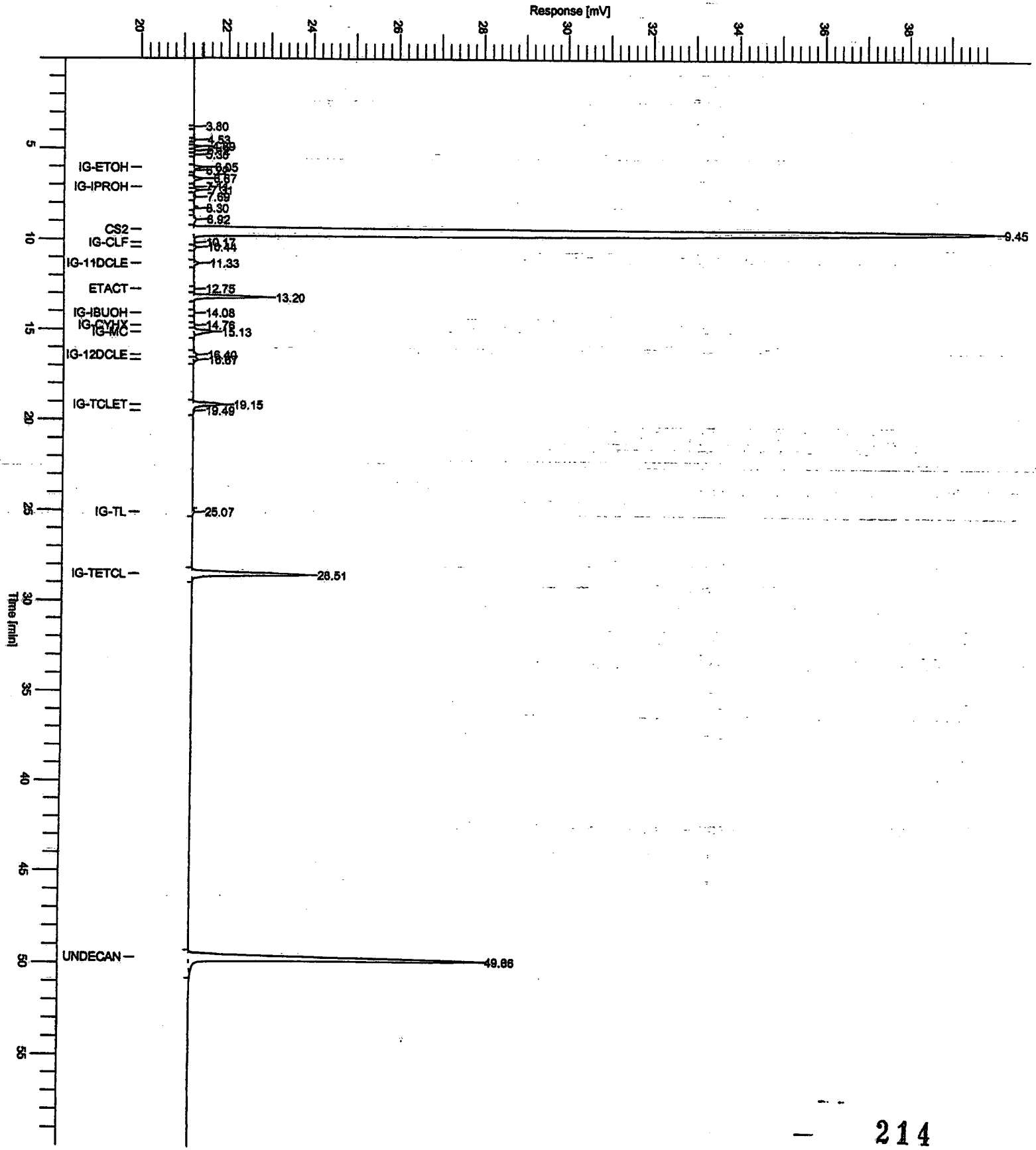
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| IG-TCLETE | 19.15 | 7339 | 155 | 47.35 | 1.0 | 1 | 47.3500 |
| IG-NPRACT | 19.49 | 380 | 334 | 1.14 | 1.0 | 1 | 1.1376 |
| IG-TL | 25.07 | 485 | 698 | 0.69 | 1.0 | 1 | 0.6947 |
| IG-TETCLETE | 28.51 | 33536 | 137 | 244.20 | 1.0 | 1 | 244.2015 |
| UNDECANE | 49.66 | 94414 | 3472 | 27.19 | 1.0 | 1 | 27.1914 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A025.TX0

# Chromatogram

Sample Name : L79047-16A,WG39545,STD2TUBE  Sample #: 25  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A025.raw
Date : 2/27/02 5:10:16 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/27/02 12:24:01 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:30:35 AM |
| Operator | : manager | Sample Name | : L79047-16B,WG39545,STD2TUBE |
| Sample Number | : 65 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/65 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 10:53:43 AM | Cycle | : 65 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A065.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A065.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A065.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.67 | 147 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 5.04 | 529 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 5.28 | 113 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 6.23 | 728 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 6.86 | 460 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 7.51 | 338 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-VNECL | 7.88 | 185 | 200 | 0.92 | 1.0 | 1 | 0.9248 |
| | 8.52 | 198 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| CS2 | 9.16 | 320 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 9.68 | 408935 | 1000000 | 0.41 | 1.0 | 1 | 0.4089 |
| | 10.70 | 279 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 11.60 | 138 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 13.50 | 236 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-NBUOH | 15.46 | 305 | 403 | 0.76 | 1.0 | 1 | 0.7582 |
| IG-CYHXE | 16.73 | 161 | 724 | 0.22 | 1.0 | 1 | 0.2225 |
| | 17.02 | 685 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 25.47 | 266 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-ODCLBZ | 50.09 | 93478 | 498 | 187.71 | 1.0 | 1 | 187.7058 |

All ok

Reviewed by:_____ Date:_____

3/4/02 10:30:35 AM Result: C:\PenExe\TcWS\Hp-2\022602A065.rst

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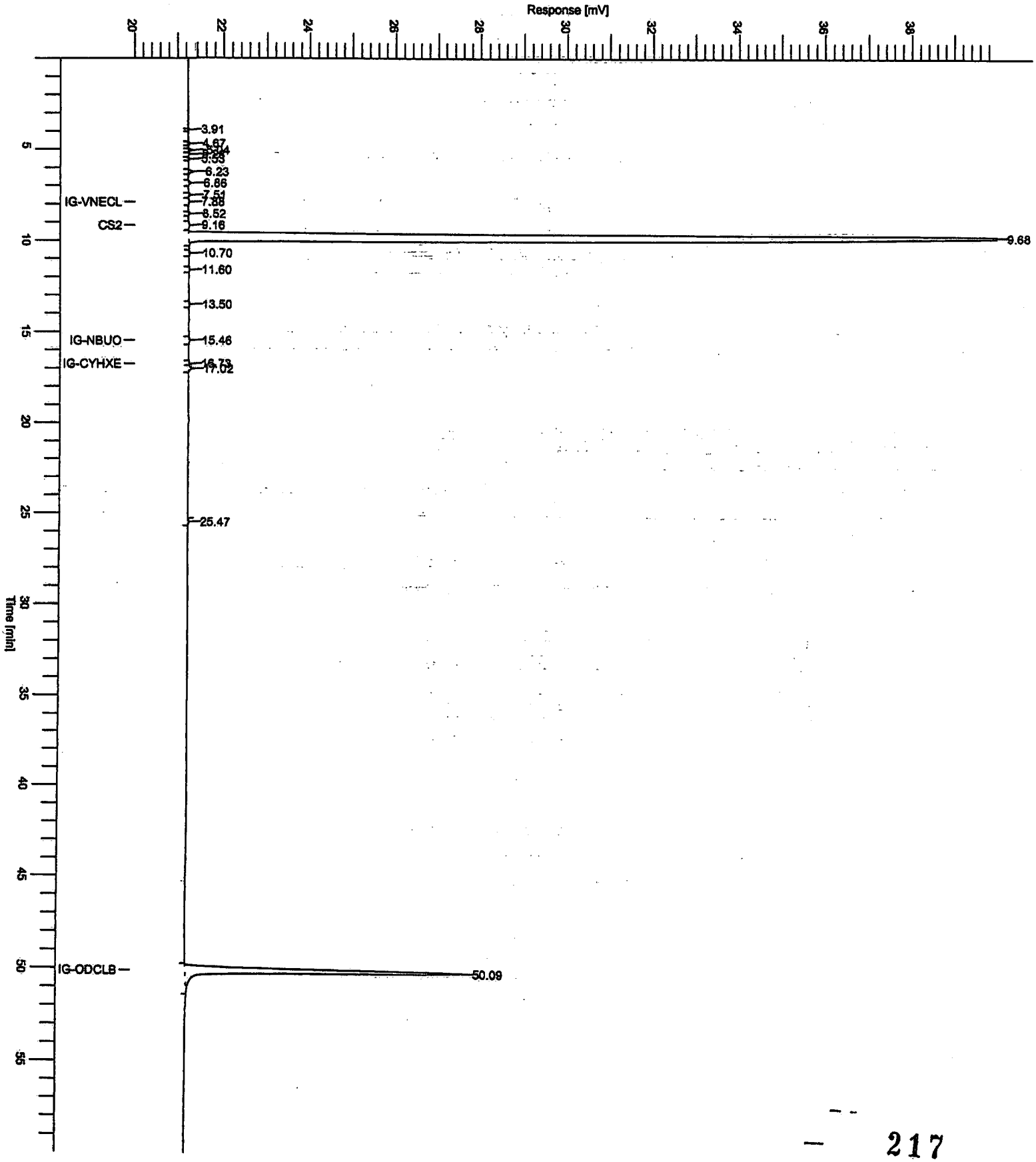
Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A065.TX0

# Chromatogram

Sample Name : L79047-16B,WG39545,STD2TUBE  Sample #: 65  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A065.raw
Date : 3/4/02 10:30:40 AM
Method : hp#2 orgprof  Time of Injection: 3/1/02 10:53:43 AM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:36:55 PM |
| Operator | : manager | Sample Name | : L79047-17A,WG39545,STD2TUBE |
| Sample Number | : 052 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/49 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 11:07:55 AM | Cycle | : 52 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A052.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A052.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A052.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.98 | 1395 | 1000000 | 0.00 | 1.0 | 1 | 0.0014 |
| | 1.11 | 1029 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 |
| IG-AT | 1.12 | 1258 | 333 | 3.78 | 1.0 | 1 | 3.7776 |
| | 1.18 | 2185 | 1000000 | 0.00 | 1.0 | 1 | 0.0022 |
| CS2 | 1.33 | 169548 | 51656 | 3.28 | 1.0 | 1 | 3.2822 |
| IG-MEK | 1.51 | 2280 | 373 | 6.11 | 1.0 | 1 | 6.1137 |
| | 1.62 | 826 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| IG-NHX | 1.74 | 842 | 668 | 1.26 | 1.0 | 1 | 1.2599 |
| | 1.98 | 320 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-BZ | 2.25 | 870 | 691 | 1.26 | 1.0 | 1 | 1.2589 <DL |
| | 2.47 | 345 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 2.59 | 383 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| IG-TCLETE | 2.79 | 472 | 163 | 2.89 | 1.0 | 1 | 2.8935 <DL |
| | 3.01 | 1107 | 1000000 | 0.00 | 1.0 | 1 | 0.0011 |
| | 3.41 | 2188 | 1000000 | 0.00 | 1.0 | 1 | 0.0022 |
| | 3.66 | 378 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 4.02 | 254 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-TL | 4.11 | 961 | 708 | 1.36 | 1.0 | 1 | 1.3575 <DL |
| | 4.39 | 221 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 4.56 | 216 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-TETCLETE | 5.09 | 380 | 135 | 2.82 | 1.0 | 1 | 2.8152 |

~~ETBZ~~/VNTL <DL

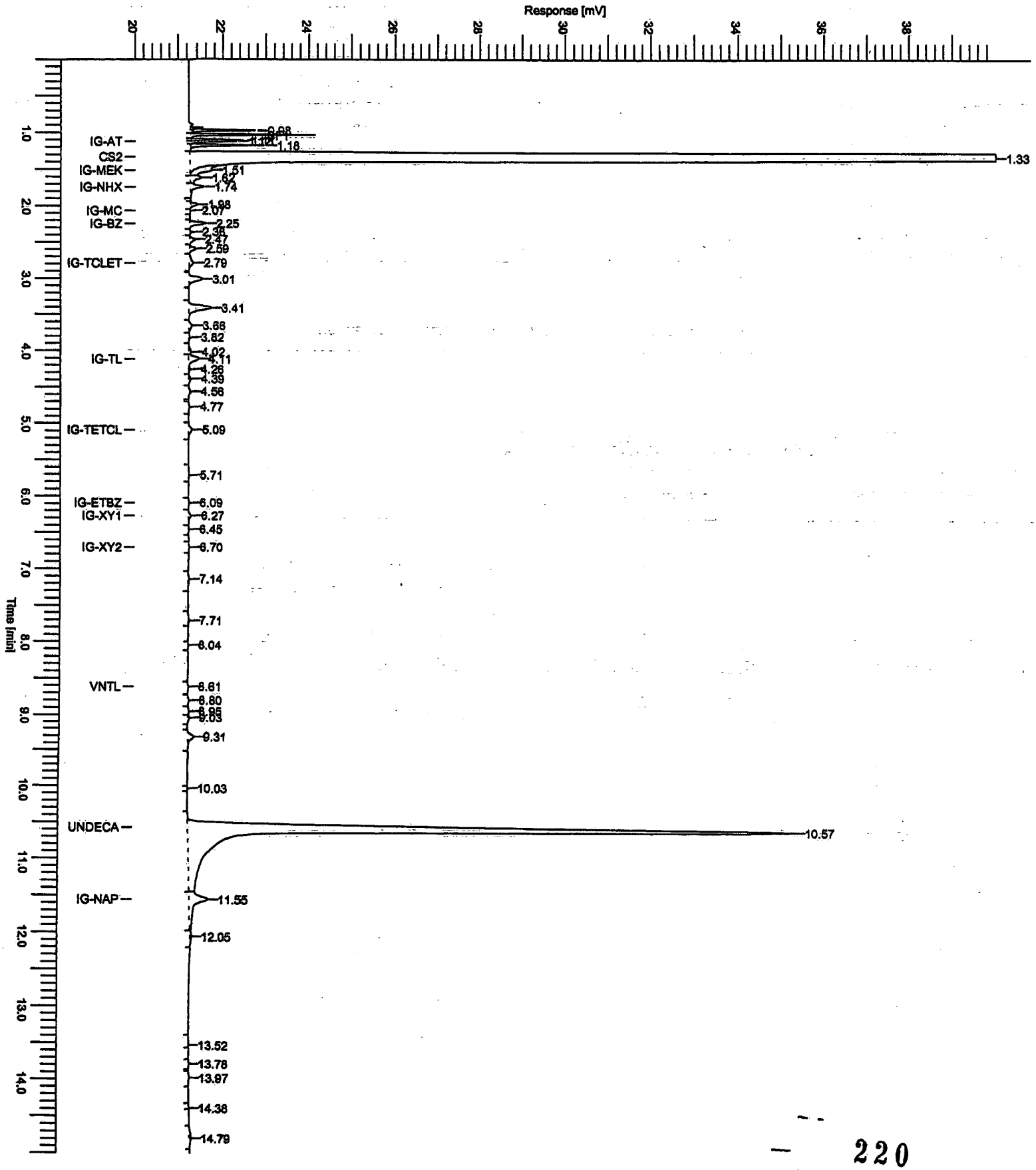
2/27/02 3:36:55 PM Result: C:\PenExe\TcWS\HP-6A\022602A052.rst

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| IG-XY | 6.27 | 342 | 584 | 0.59 | 1.0 | 1 | 0.5861 DL |
| | 9.31 | 649 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| Undecane | 10.57 | 85689 | 28413 | 3.02 | 1.0 | 1 | 3.0158 |
| IG-NAP | 11.55 | 4179 | 754 | 5.54 | 1.0 | 1 | 5.5414 OL |
| | 12.05 | 296 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 14.79 | 325 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | | 278939 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A052.TX0

# Chromatogram

Sample Name : L79047-17A,WG39545,STD2TUBE  Sample #: 052  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A052.raw
Date : 2/27/02 3:37:00 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 11:07:55 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:37:01 PM |
| Operator | : manager | Sample Name | : L79047-17B,WG39545,STD2TUBE |
| Sample Number | : 053 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/50 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 11:30:24 AM | Cycle | : 53 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A053.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A053.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A053.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

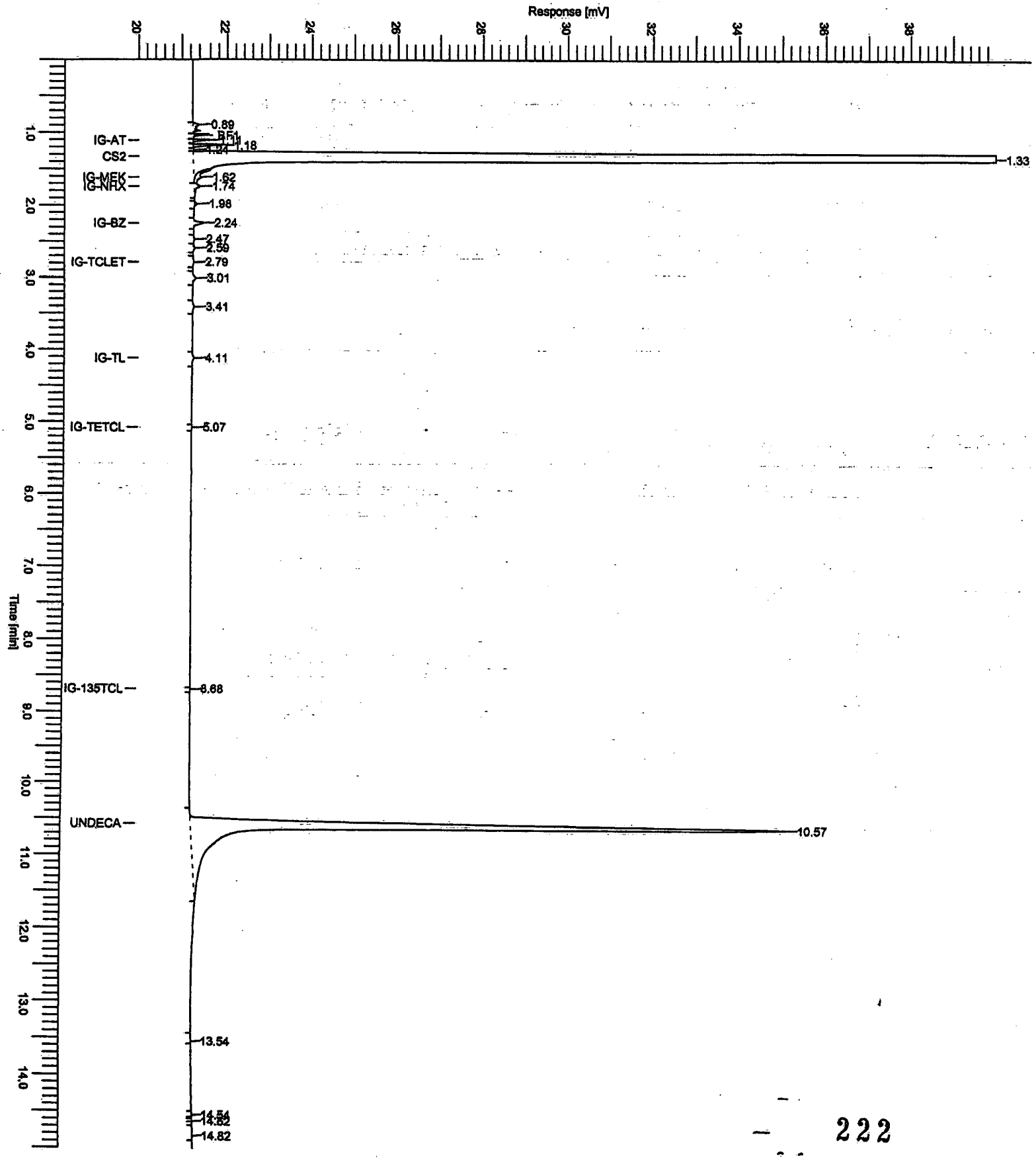
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.89 | 627 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | |
| IG-AT | 1.11 | 377 | 333 | 1.13 | 1.0 | 1 | 1.1321 | All<DL |
| | 1.18 | 830 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 | |
| CS2 | 1.33 | 171022 | 51656 | 3.31 | 1.0 | 1 | 3.3108 | |
| IG-MEK | 1.62 | 1067 | 373 | 2.86 | 1.0 | 1 | 2.8611 | |
| IG-NHX | 1.74 | 487 | 668 | 0.73 | 1.0 | 1 | 0.7287 | |
| IG-BZ | 2.24 | 500 | 691 | 0.72 | 1.0 | 1 | 0.7242 | <DL |
| | 3.01 | 250 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | |
| Undecane | 10.57 | 81694 | 28413 | 2.88 | 1.0 | 1 | 2.8752 | |
| | | 256855 | | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A053.TX0

# Chromatogram

Sample Name : L79047-17B,WG39545,STD2TUBE  Sample #: 053  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A053.raw
Date : 2/27/02 3:37:04 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 11:30:24 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 4:59:46 PM |
| Operator | : manager | Sample Name | : L79047-17A,WG39545,STD2TUBE |
| Sample Number | : 26 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/26 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 1:31:44 PM | Cycle | : 26 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A026.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A026.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.51 | 315 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 4.87 | 1941 | 1000000 | 0.00 | 1.0 | 1 | 0.0019 |
| IG-ETOH | 6.02 | 1205 | 223 | 5.40 | 1.0 | 1 | 5.4026 |
| | 6.19 | 3896 | 1000000 | 0.00 | 1.0 | 1 | 0.0039 |
| | 6.64 | 1639 | 1000000 | 0.00 | 1.0 | 1 | 0.0016 |
| | 7.28 | 2019 | 1000000 | 0.00 | 1.0 | 1 | 0.0020 |
| | 7.66 | 714 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 8.88 | 577 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| CS2 | 9.41 | 394247 | 1000000 | 0.39 | 1.0 | 1 | 0.3942 |
| | 10.39 | 427 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| IG-IBUOH | 14.03 | 247 | 460 | 0.54 | 1.0 | 1 | 0.5365 |
| IG-MC | 14.70 | 344 | 192 | 1.79 | 1.0 | 1 | 1.7914 |
| IG-12DCLET | 16.35 | 1420 | 268 | 5.30 | 1.0 | 1 | 5.2984 OK |
| IG-BZ | 16.61 | 1139 | 865 | 1.32 | 1.0 | 1 | 1.3163 |
| | 19.43 | 2183 | 1000000 | 0.00 | 1.0 | 1 | 0.0022 |
| | 21.13 | 369 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 24.20 | 136 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 24.99 | 728 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 28.42 | 298 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |

All other <DL

2/27/02 4:59:46 PM Result:

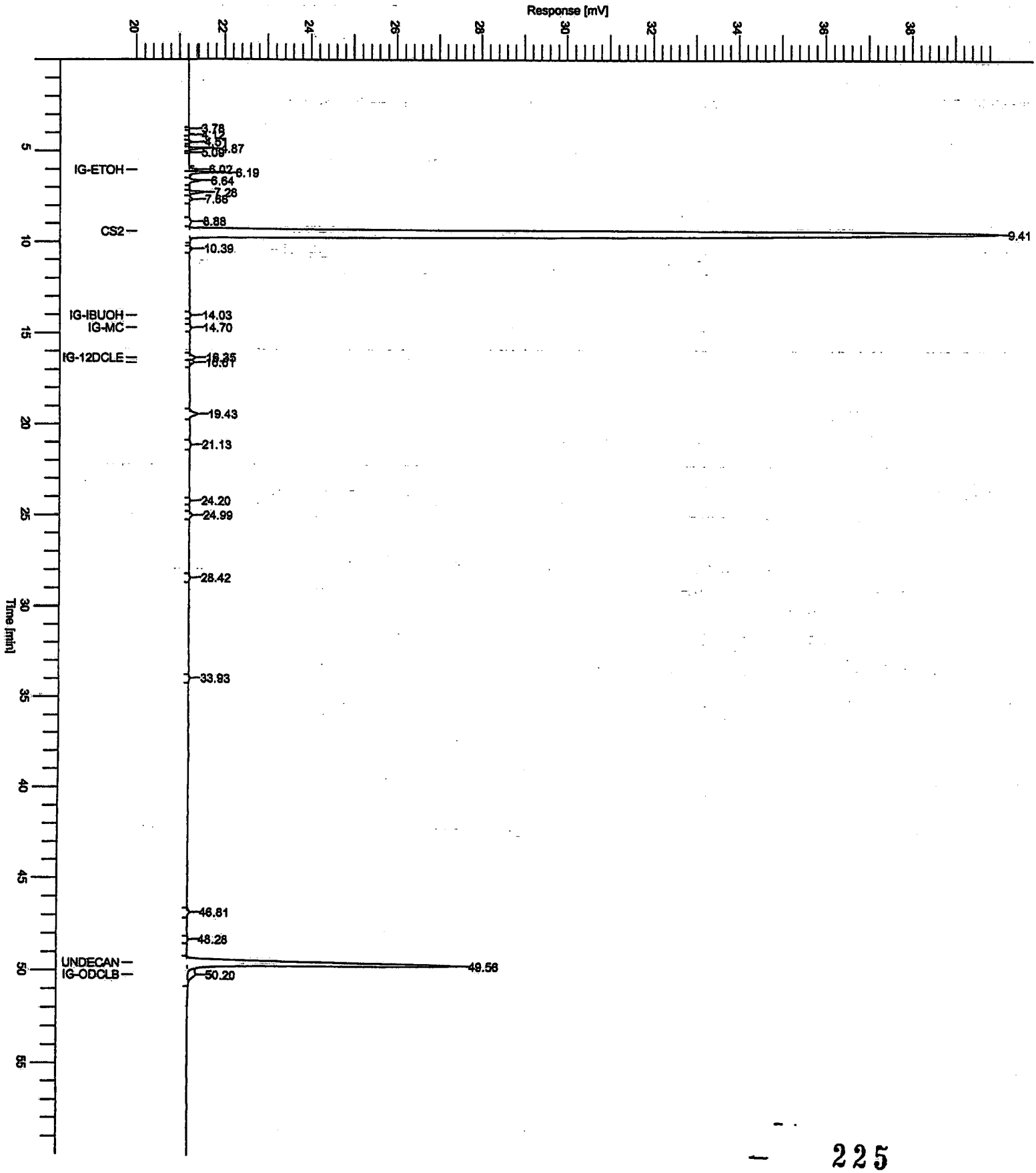
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 33.93 | 330 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 46.81 | 701 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 48.28 | 223 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| UNDECANE | 49.56 | 89208 | 3472 | 25.69 | 1.0 | 1 | 25.6919 |
| IG-ODCLBZ | 50.20 | 5004 | 498 | 10.05 | 1.0 | 1 | 10.0490 OK |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A026.TX0

# Chromatogram

Sample Name : L79047-17A,WG395545,STD2TUBE  Sample #: 26  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A026.raw
Date : 2/27/02 4:59:51 PM
Method : hp#2 orgprof.mth  Time of Injection: 2/27/02 1:31:44 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:30:41 AM |
| Operator | : manager | Sample Name | : L79047-17B,WG39545,STD2TUBE |
| Sample Number | : 66 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/66 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 12:00:36 PM | Cycle | : 66 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A066.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A066.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A066.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 5.34 | 190 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 6.60 | 395 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 6.78 | 263 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 7.26 | 458 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-VNECL | 7.94 | 440 | 200 | 2.19 | 1.0 | 1 | 2.1931 |
| CS2 | 9.67 | 176 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-NHX | 10.17 | 418498 | 655 | 638.92 | 1.0 | 1 | 638.9243 |
| | 11.28 | 181 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 17.51 | 290 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 17.82 | 690 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 26.45 | 175 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-PTERTBUTL | 51.27 | 96562 | 658 | 146.82 | 1.0 | 1 | 146.8171 |

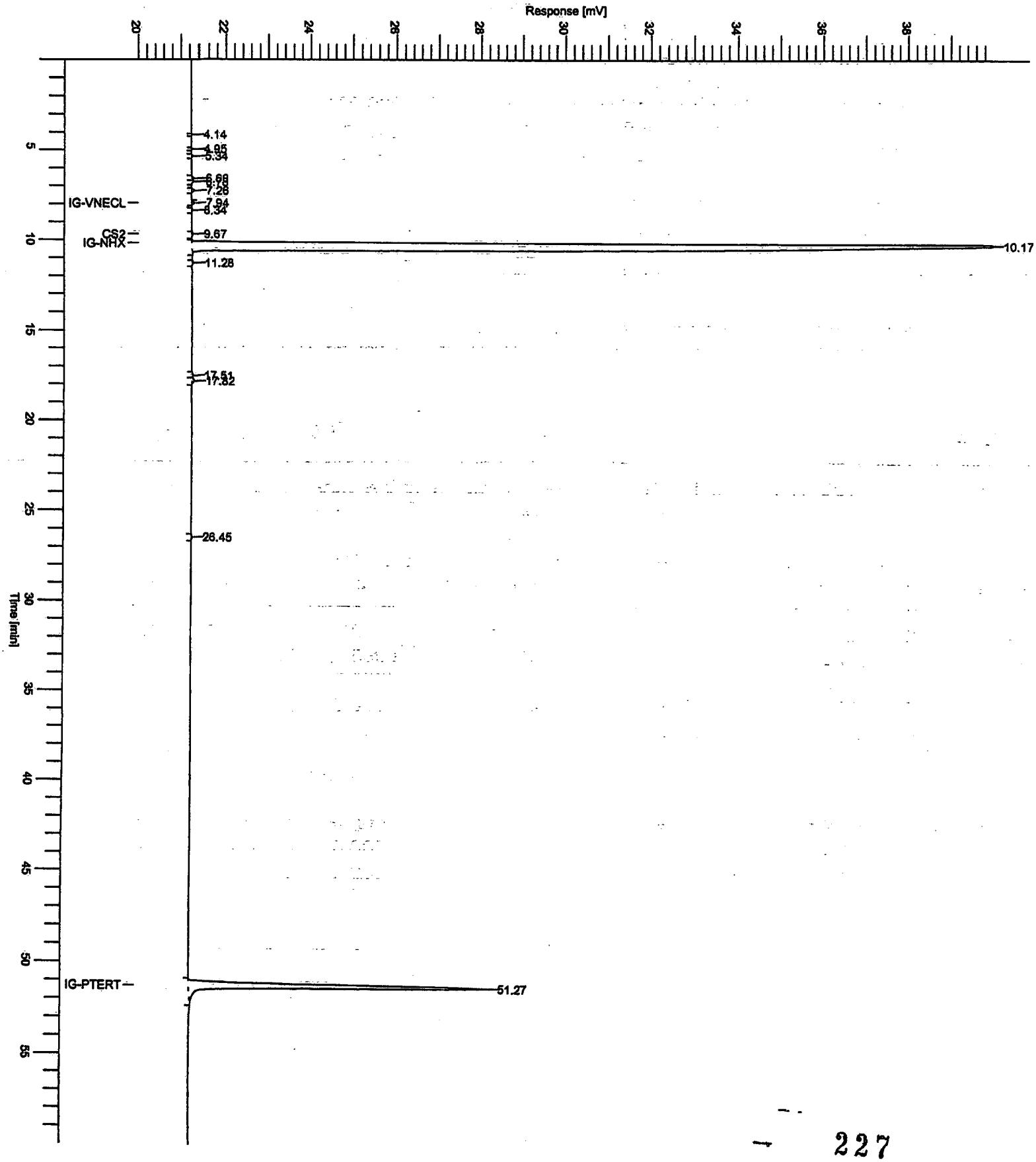
All <DL

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A066.TX0

# Chromatogram

Sample Name : L79047-17B,WG39545,STD2TUBE  Sample #: 66  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A066.raw
Date : 3/4/02 10:30:46 AM
Method : hp#2 orgprof  Time of Injection: 3/1/02 12:00:36 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:37:05 PM |
| Operator | : manager | Sample Name | : L79047-18A,WG39545,STD2TUBE |
| Sample Number | : 054 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/51 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 11:53:04 AM | Cycle | : 54 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A054.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A054.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A054.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

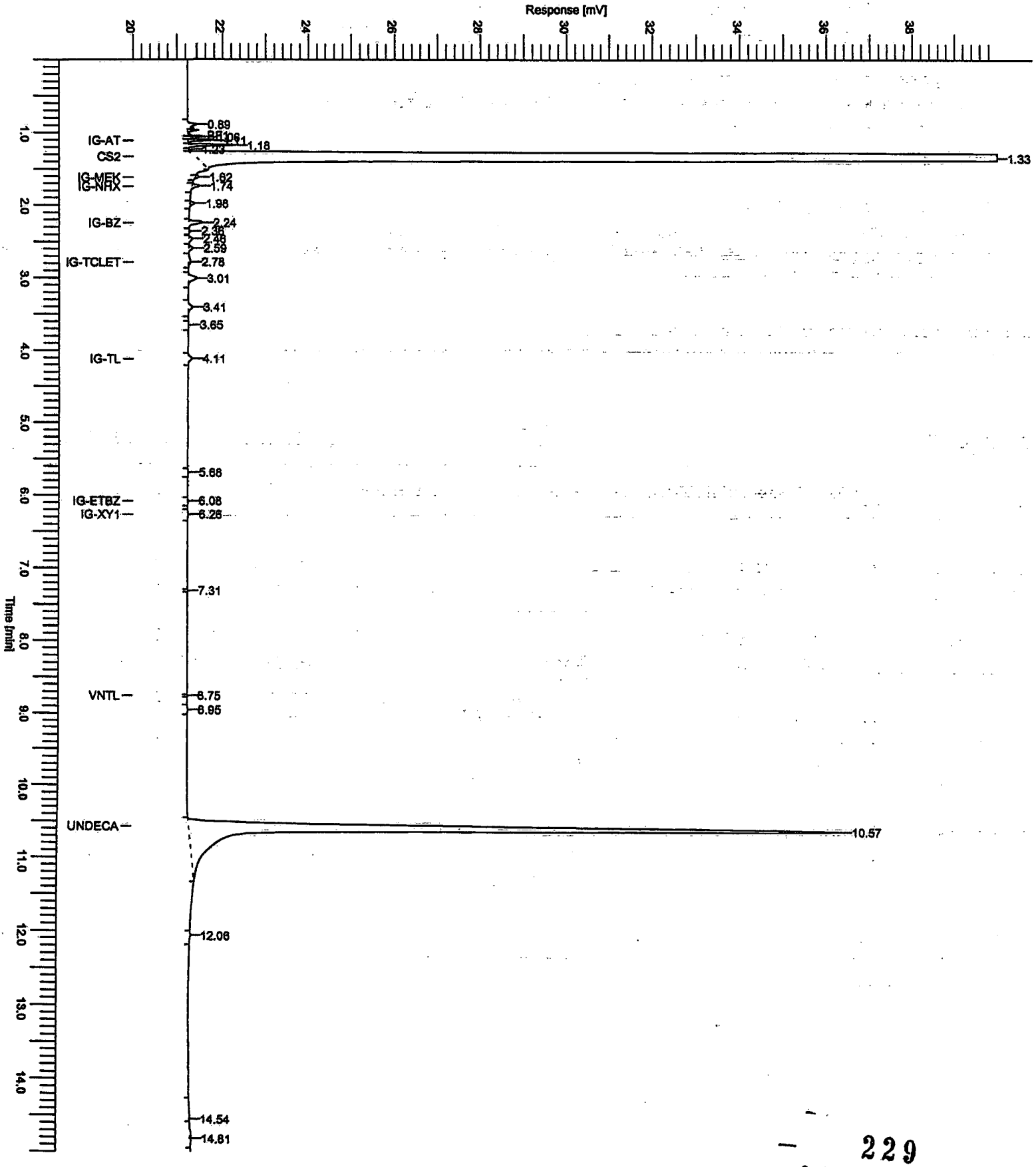
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.89 | 794 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 | |
| | 1.06 | 400 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | |
| IG-AT | 1.11 | 617 | 333 | 1.85 | 1.0 | 1 | 1.8536 | |
| | 1.18 | 1321 | 1000000 | 0.00 | 1.0 | 1 | 0.0013 | All<DL |
| CS2 | 1.33 | 167297 | 51656 | 3.24 | 1.0 | 1 | 3.2387 | |
| IG-NHX | 1.74 | 317 | 668 | 0.47 | 1.0 | 1 | 0.4747 | |
| | 1.98 | 202 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | |
| IG-BZ | 2.24 | 709 | 691 | 1.03 | 1.0 | 1 | 1.0263 | <DL |
| | 2.59 | 230 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | |
| | 3.01 | 626 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | |
| | 3.41 | 349 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| IG-TL | 4.11 | 297 | 708 | 0.42 | 1.0 | 1 | 0.4200 | <DL |
| Undecane | 10.57 | 83705 | 28413 | 2.95 | 1.0 | 1 | 2.9460 | |
| | 14.81 | 306 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| | | 257172 | | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A054.TX0

# Chromatogram

Sample Name : L79047-18A,WG39545,STD2TUBE  Sample #: 054  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A054.raw
Date : 2/27/02 3:37:08 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 11:53:04 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:37:09 PM |
| Operator | : manager | Sample Name | : L79047-18B,WG39545,STD2TUBE |
| Sample Number | : 055 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/52 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 12:15:42 PM | Cycle | : 55 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A055.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A055.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A055.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

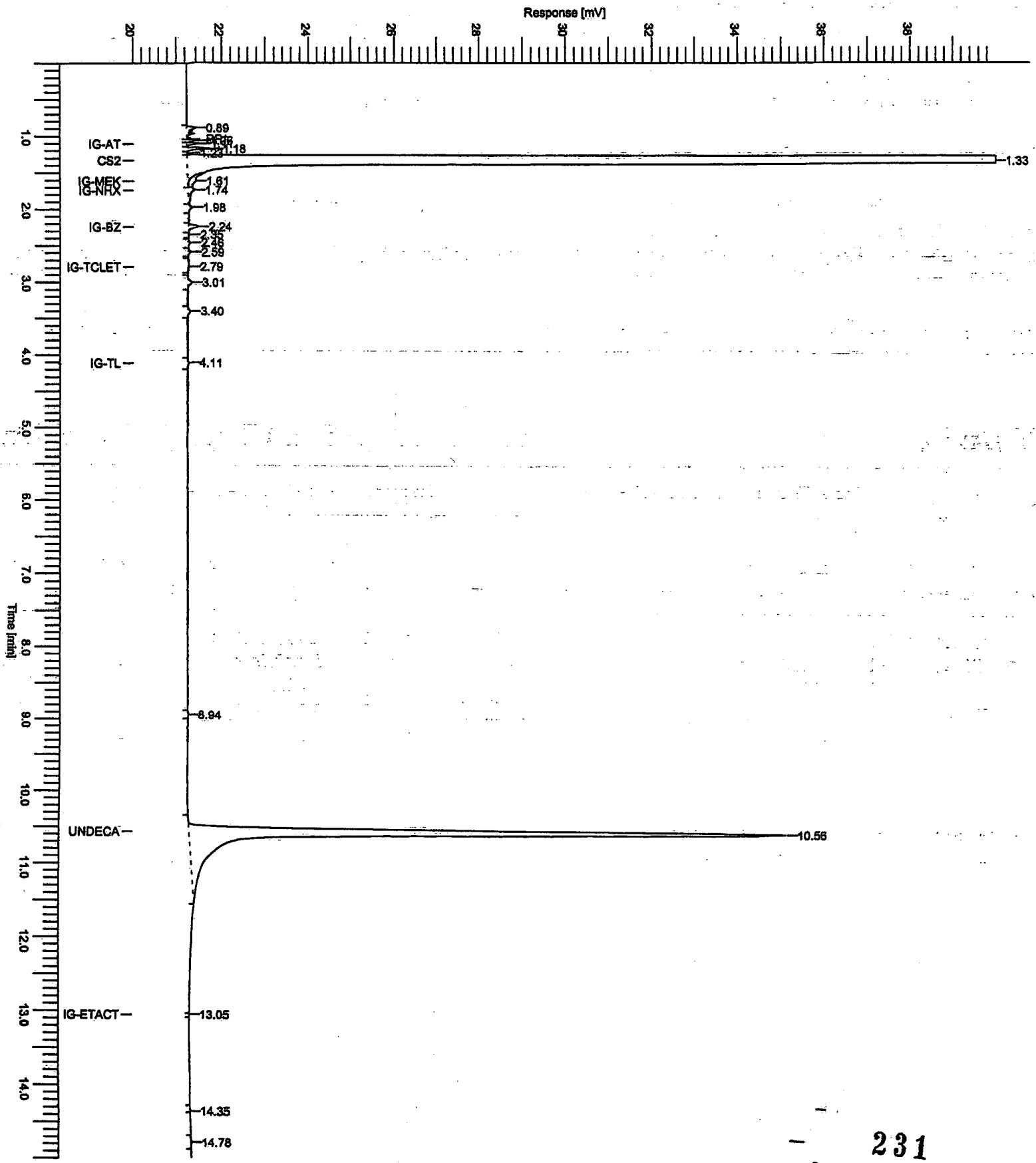
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.89 | 676 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 1.06 | 264 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-AT | 1.11 | 312 | 333 | 0.94 | 1.0 | 1 | 0.9371 |
| | 1.18 | 665 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| CS2 | 1.33 | 170983 | 51656 | 3.31 | 1.0 | 1 | 3.3100 |
| IG-MEK | 1.61 | 1093 | 373 | 2.93 | 1.0 | 1 | 2.9303 |
| IG-NHX | 1.74 | 613 | 668 | 0.92 | 1.0 | 1 | 0.9182 |
| IG-BZ | 2.24 | 486 | 691 | 0.70 | 1.0 | 1 | 0.7039 |
| | 3.01 | 264 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| Undecane | 10.56 | 81862 | 28413 | 2.88 | 1.0 | 1 | 2.8811 |
| | | 257219 | | | | | |

All <DL

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A055.TX0

# Chromatogram

Sample Name : L79047-18B,WG39545,STD2TUBE  Sample #: 055  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A055.raw
Date : 2/27/02 3:37:12 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 12:15:42 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/28/02 8:21:36 AM |
| Operator | : manager | Sample Name | : L79047-18A,WG39545,STD2TUBE |
| Sample Number | : 27 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/27 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 2:39:03 PM | Cycle | : 27 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A027.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A027.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.80 | 263 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-ETOH | 5.93 | 665 | 223 | 2.98 | 1.0 | 1 | 2.9806 |
| | 6.54 | 744 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| IG-IPROH | 7.16 | 700 | 329 | 2.13 | 1.0 | 1 | 2.1262 |
| | 7.53 | 199 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 8.14 | 541 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 8.75 | 352 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| CS2 | 9.29 | 392603 | 1000000 | 0.39 | 1.0 | 1 | 0.3926 |
| | 10.26 | 276 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 13.84 | 140 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 14.53 | 207 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-12DCLET | 16.14 | 769 | 268 | 2.87 | 1.0 | 1 | 2.8691 <DL |
| IG-BZ | 16.41 | 971 | 865 | 1.12 | 1.0 | 1 | 1.1222 |
| | 19.20 | 338 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 24.74 | 355 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 49.23 | 92940 | 1000000 | 0.09 | 1.0 | 1 | 0.0929 |

All <DL

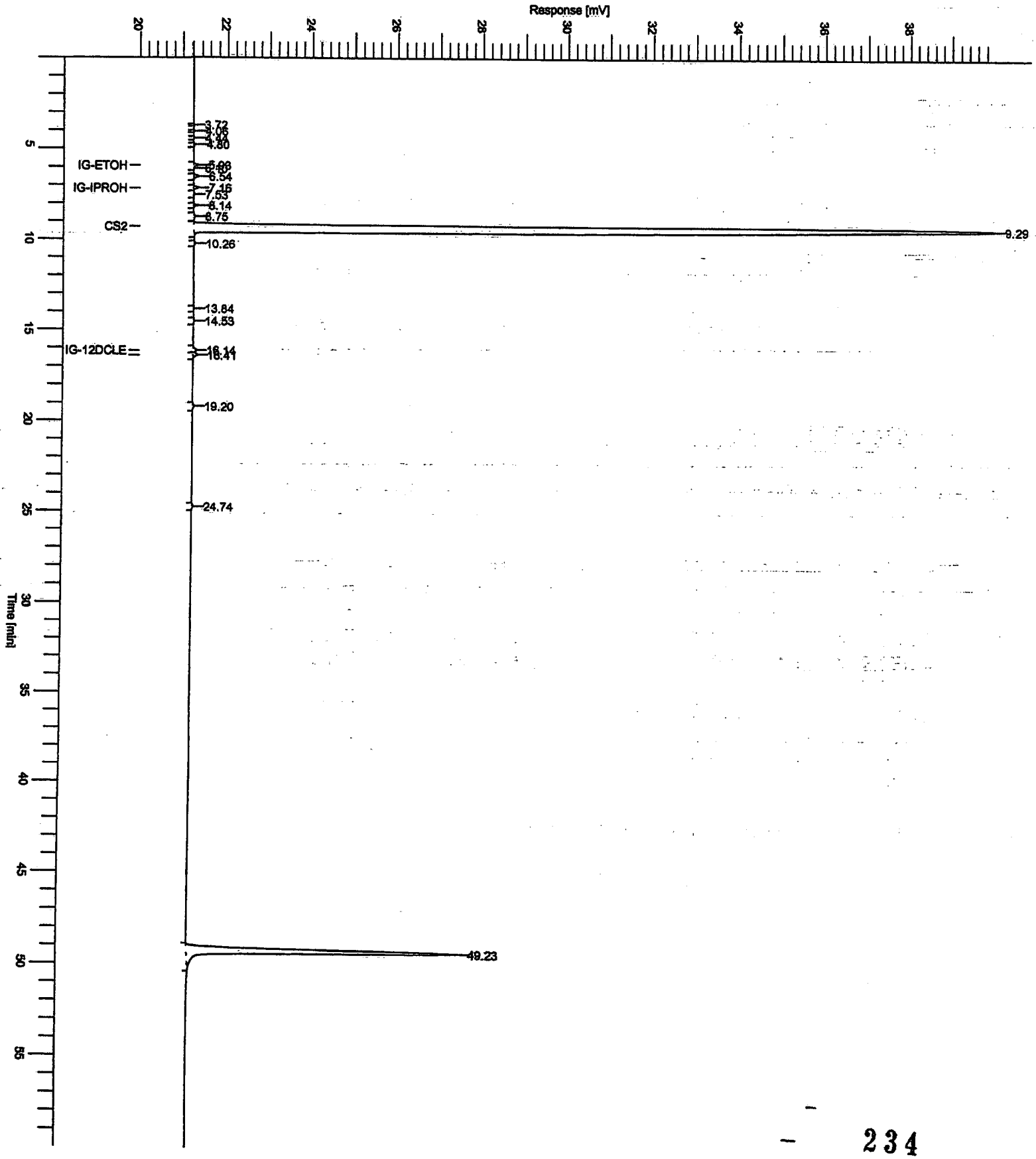
Reviewed by:_____ Date:_____

2/28/02 8:21:36 AM Result:

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A027.TX0

# Chromatogram

Sample Name : L79047-18A,WG39545,STD2TUBE  Sample #: 27  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A027.raw
Date : 2/28/02 8:21:40 AM
Method : hp#2 orgprof.mth  Time of Injection: 2/27/02 2:39:03 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:30:47 AM |
| Operator | : manager | Sample Name | : L79047-18B,WG39545,STD2TUBE |
| Sample Number | : 67 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/67 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 1:07:29 PM | Cycle | : 67 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A067.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A067.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A067.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 6.54 | 255 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-IPROH | 7.20 | 351 | 329 | 1.07 | 1.0 | 1 | 1.0659 |
| IG-VNECL | 7.87 | 339 | 200 | 1.69 | 1.0 | 1 | 1.6929 |
| | 8.93 | 275 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 10.08 | 415985 | 1000000 | 0.42 | 1.0 | 1 | 0.4160 |
| | 17.38 | 345 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 17.67 | 667 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| IG-PTERTBUTL | 51.08 | 100721 | 658 | 153.14 | 1.0 | 1 | 153.1406 |

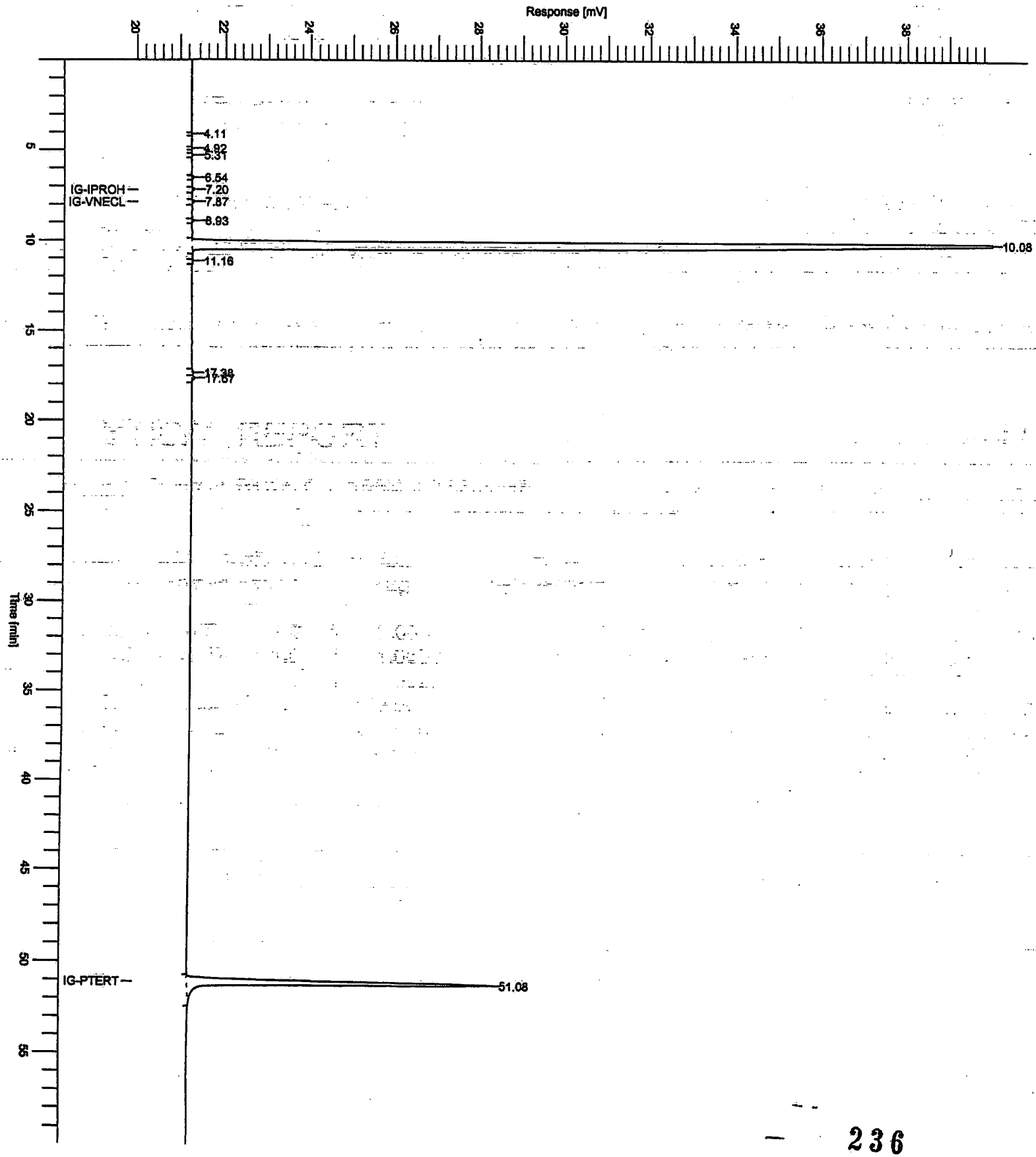
All <DL

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A067.TX0

# Chromatogram

Sample Name : L79047-18B,WG39545,STD2TUBE  Sample #: 67  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A067.raw
Date : 3/4/02 10:30:51 AM
Method : hp#2 orgprof  Time of Injection: 3/1/02 1:07:29 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:37:13 PM |
| Operator | : manager | Sample Name | : L79047-19A,WG39545,STD2TUBE |
| Sample Number | : 056 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/53 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 12:38:19 PM | Cycle | : 56 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A056.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A056.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A056.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

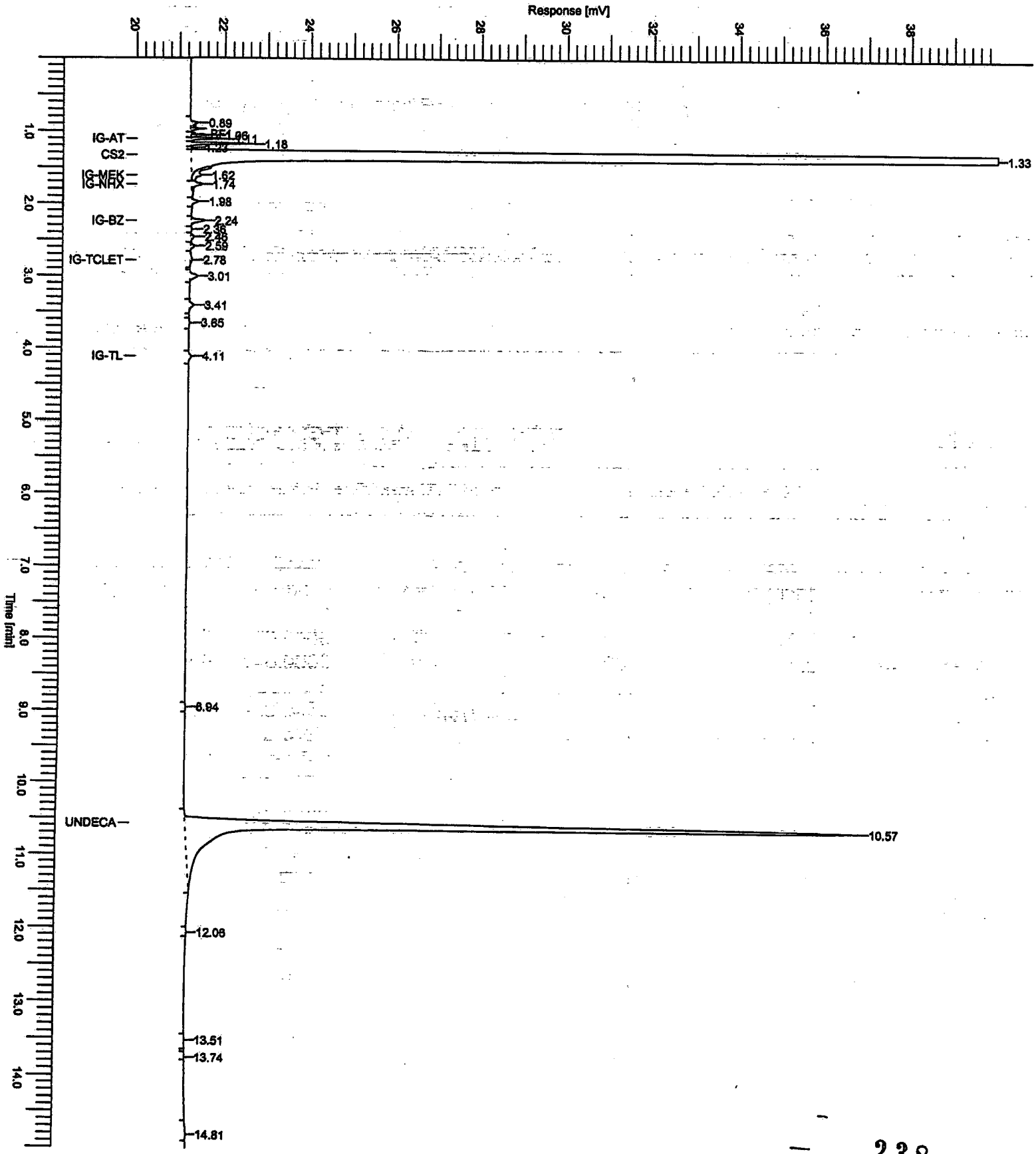
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.89 | 766 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| | 1.06 | 591 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| IG-AT | 1.11 | 870 | 333 | 2.61 | 1.0 | 1 | 2.6123 |
| | 1.18 | 1746 | 1000000 | 0.00 | 1.0 | 1 | 0.0017 |
| CS2 | 1.33 | 170987 | 51656 | 3.31 | 1.0 | 1 | 3.3101 |
| IG-MEK | 1.62 | 1388 | 373 | 3.72 | 1.0 | 1 | 3.7220 |
| IG-NHX | 1.74 | 817 | 668 | 1.22 | 1.0 | 1 | 1.2225 |
| | 1.98 | 318 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-BZ | 2.24 | 680 | 691 | 0.98 | 1.0 | 1 | 0.9843 <DL |
| | 2.59 | 219 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-TCLETE | 2.78 | 204 | 163 | 1.25 | 1.0 | 1 | 1.2532 <DL |
| | 3.01 | 559 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| | 3.41 | 337 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-TL | 4.11 | 213 | 708 | 0.30 | 1.0 | 1 | 0.3012 <DL |
| Undecane | 10.57 | 87024 | 28413 | 3.06 | 1.0 | 1 | 3.0628 |
| | | 266719 | | | | | |

All <DL

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A056.TX0

# Chromatogram

Sample Name : L79047-19A,WG39545,STD2TUBE  Sample #: 056  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A056.raw
Date : 2/27/02 3:37:17 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 12:38:19 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:37:18 PM |
| Operator | : manager | Sample Name | : L79047-19B,WG39545,STD2TUBE |
| Sample Number | : 057 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/54 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 1:00:55 PM | Cycle | : 57 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A057.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A057.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A057.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

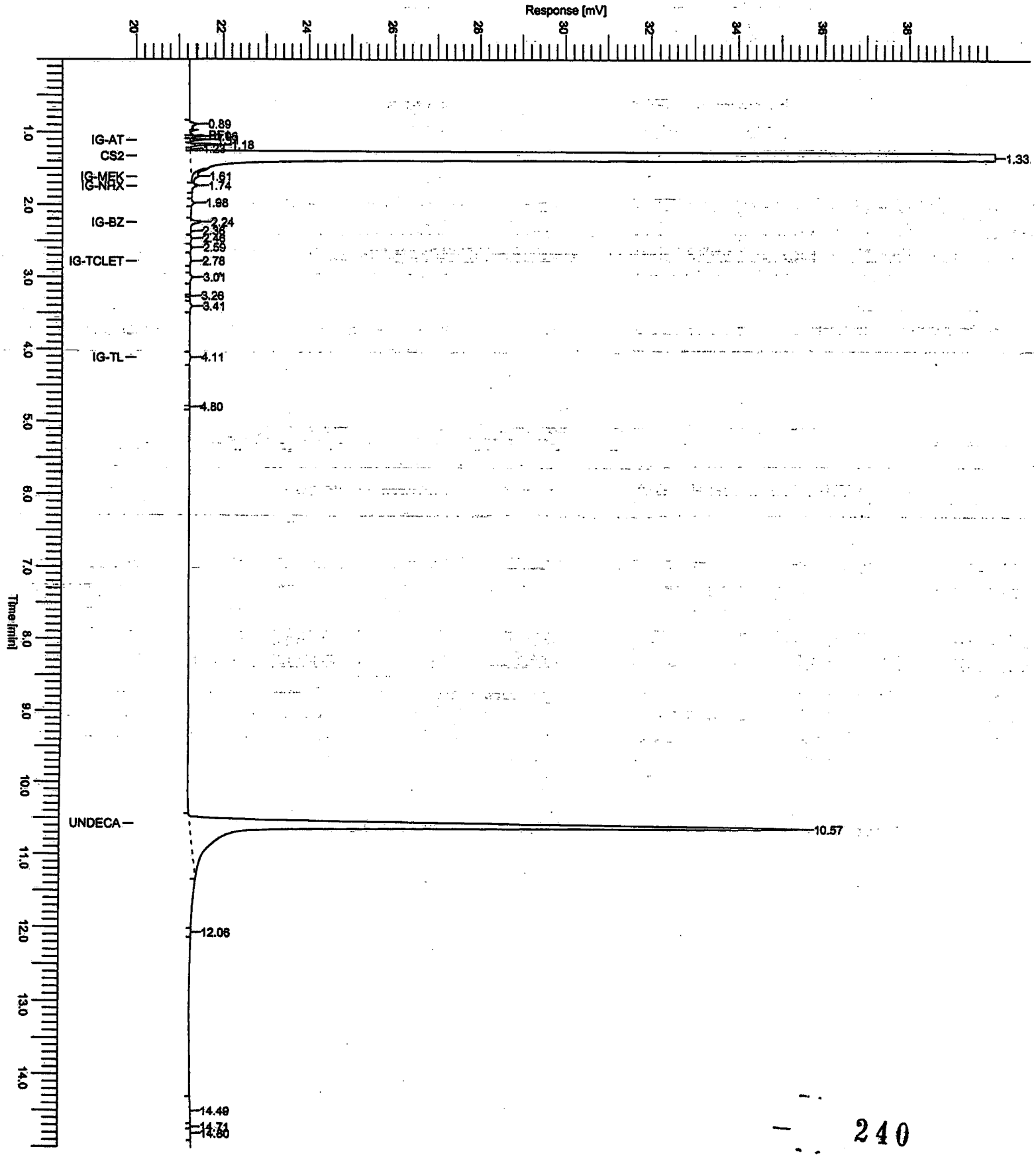
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | |
|---|---|---|---|---|---|---|---|---|
| | 0.89 | 748 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 | |
| | 1.06 | 327 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | |
| IG-AT | 1.11 | 419 | 333 | 1.26 | 1.0 | 1 | 1.2597 | All<DL |
| | 1.18 | 843 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 | |
| CS2 | 1.33 | 170939 | 51656 | 3.31 | 1.0 | 1 | 3.3092 | |
| IG-MEK | 1.61 | 992 | 373 | 2.66 | 1.0 | 1 | 2.6584 | |
| IG-NHX | 1.74 | 348 | 668 | 0.52 | 1.0 | 1 | 0.5216 | |
| IG-BZ | 2.24 | 514 | 691 | 0.74 | 1.0 | 1 | 0.7438 | <DL |
| Undecane | 10.57 | 80236 | 28413 | 2.82 | 1.0 | 1 | 2.8239 | |
| | | 255366 | | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A057.TX0

# Chromatogram

Sample Name : L79047-19B,WG39545,STD2TUBE  Sample #: 057  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A057.raw
Date : 2/27/02 3:37:20 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 1:00:55 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/28/02 8:22:05 AM |
| Operator | : manager | Sample Name | : L79047-19A,WG39545,STD2TUBE |
| Sample Number | : 28 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/28 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 3:46:59 PM | Cycle | : 28 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A028.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A028.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.74 | 394 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 5.87 | 909 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 |
| | 6.47 | 954 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 |
| IG-IPROH | 7.09 | 935 | 329 | 2.84 | 1.0 | 1 | 2.8392 |
| | 7.45 | 235 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 8.06 | 684 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 8.66 | 377 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| CS2 | 9.21 | 391602 | 1000000 | 0.39 | 1.0 | 1 | 0.3916 |
| | 10.15 | 355 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 14.38 | 189 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-12DCLET | 16.01 | 679 | 268 | 2.53 | 1.0 | 1 | 2.5337 |
| IG-BZ | 16.25 | 1009 | 865 | 1.17 | 1.0 | 1 | 1.1665 |
| | 19.06 | 302 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 24.56 | 236 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 49.00 | 89807 | 1000000 | 0.09 | 1.0 | 1 | 0.0898 |

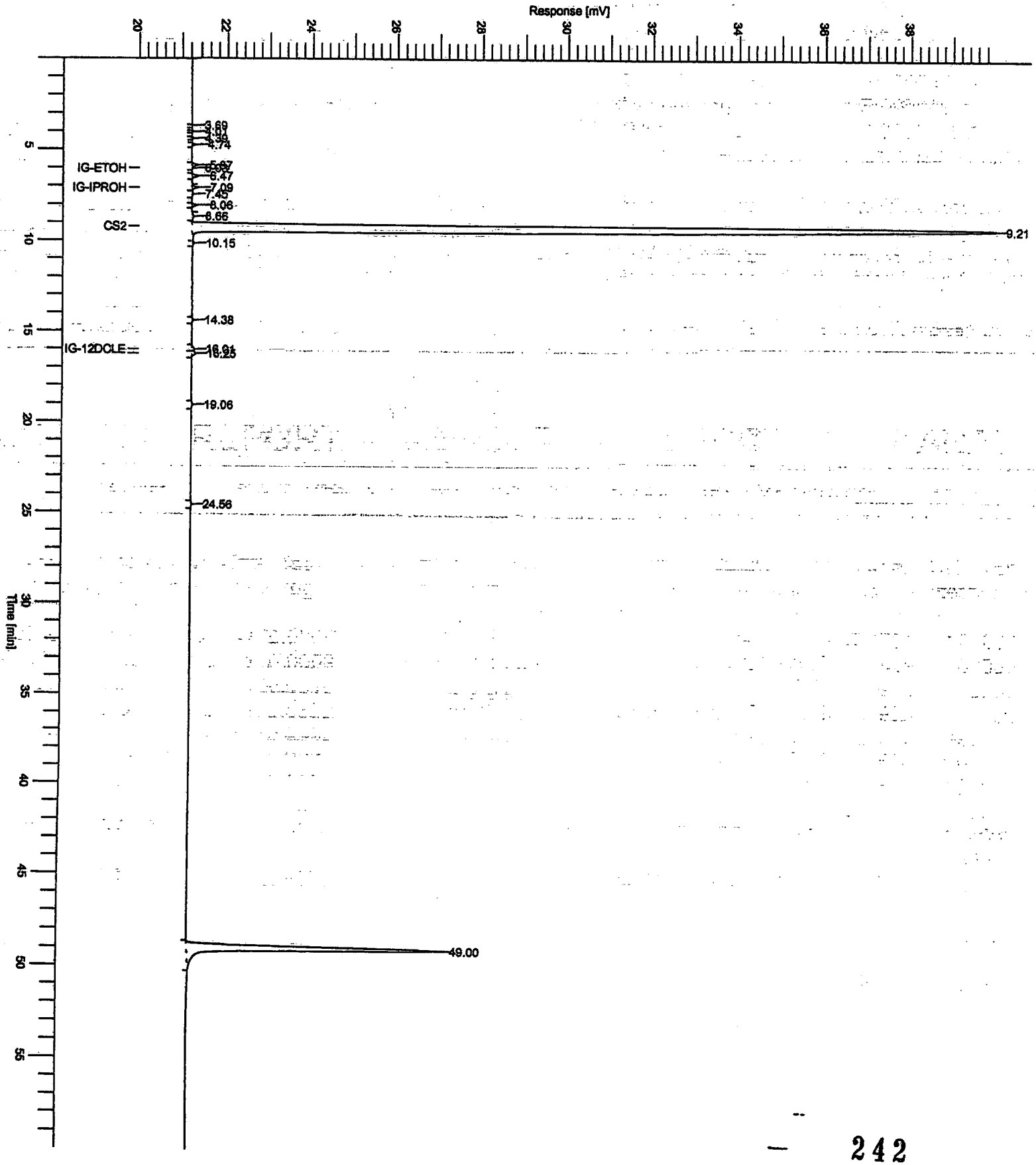
All ND

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A028.TX0

# Chromatogram

Sample Name : L79047-19A,WG39545,STD2TUBE  Sample #: 28  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022502A028.raw
Date : 2/28/02 8:22:09 AM
Method : hp#2 orgprof.mth  Time of Injection: 2/27/02 3:46:59 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:30:53 AM |
| Operator | : manager | Sample Name | : L79047-19B,WG39545,STD2TUBE |
| Sample Number | : 68 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/68 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 2:14:25 PM | Cycle | : 68 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A068.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A068.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A068.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 5.26 | 194 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 6.49 | 450 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| IG-IPROH | 7.14 | 457 | 329 | 1.39 | 1.0 | 1 | 1.3874 |
| | 7.81 | 458 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 8.21 | 128 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 |
| | 8.86 | 413 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| CS2 | 9.52 | 195 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 10.02 | 412558 | 1000000 | 0.41 | 1.0 | 1 | 0.4126 |
| | 11.11 | 155 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 17.28 | 181 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 17.58 | 679 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| IG-PTERTBUTL | 50.91 | 94138 | 658 | 143.13 | 1.0 | 1 | 143.1315 |

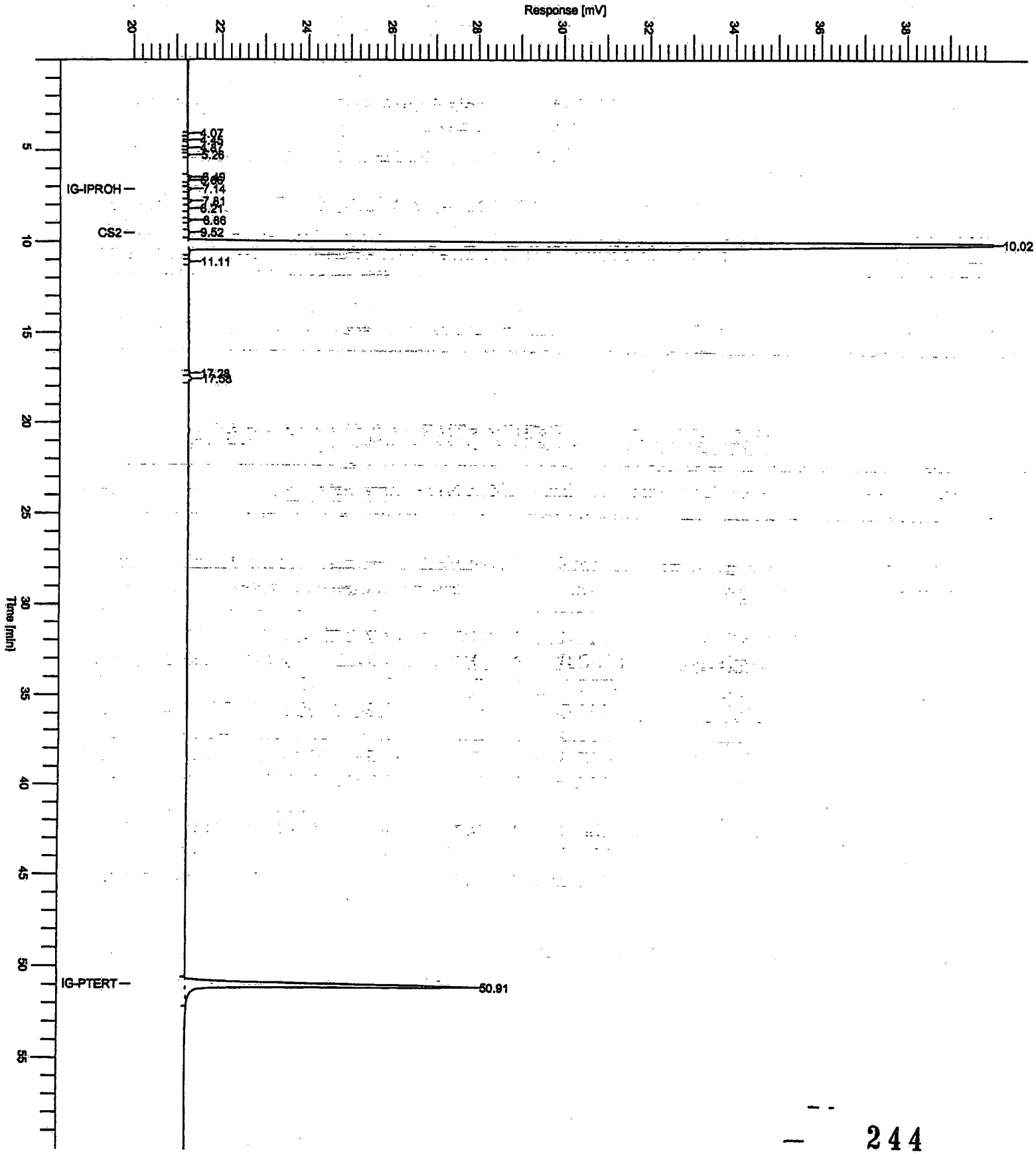
All ND

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A068.TX0

# Chromatogram

Sample Name : L79047-19B,WG39545,STD2TUBE  Sample #: 68  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A068.raw
Date : 3/4/02 10:30:57 AM
Method : hp#2 orgprof  Time of Injection: 3/1/02 2:14:25 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:37:21 PM |
| Operator | : manager | Sample Name | : L79047-20A,WG39545,STD2TUBE |
| Sample Number | : 058 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/55 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 1:23:36 PM | Cycle | : 58 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A058.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A058.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A058.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

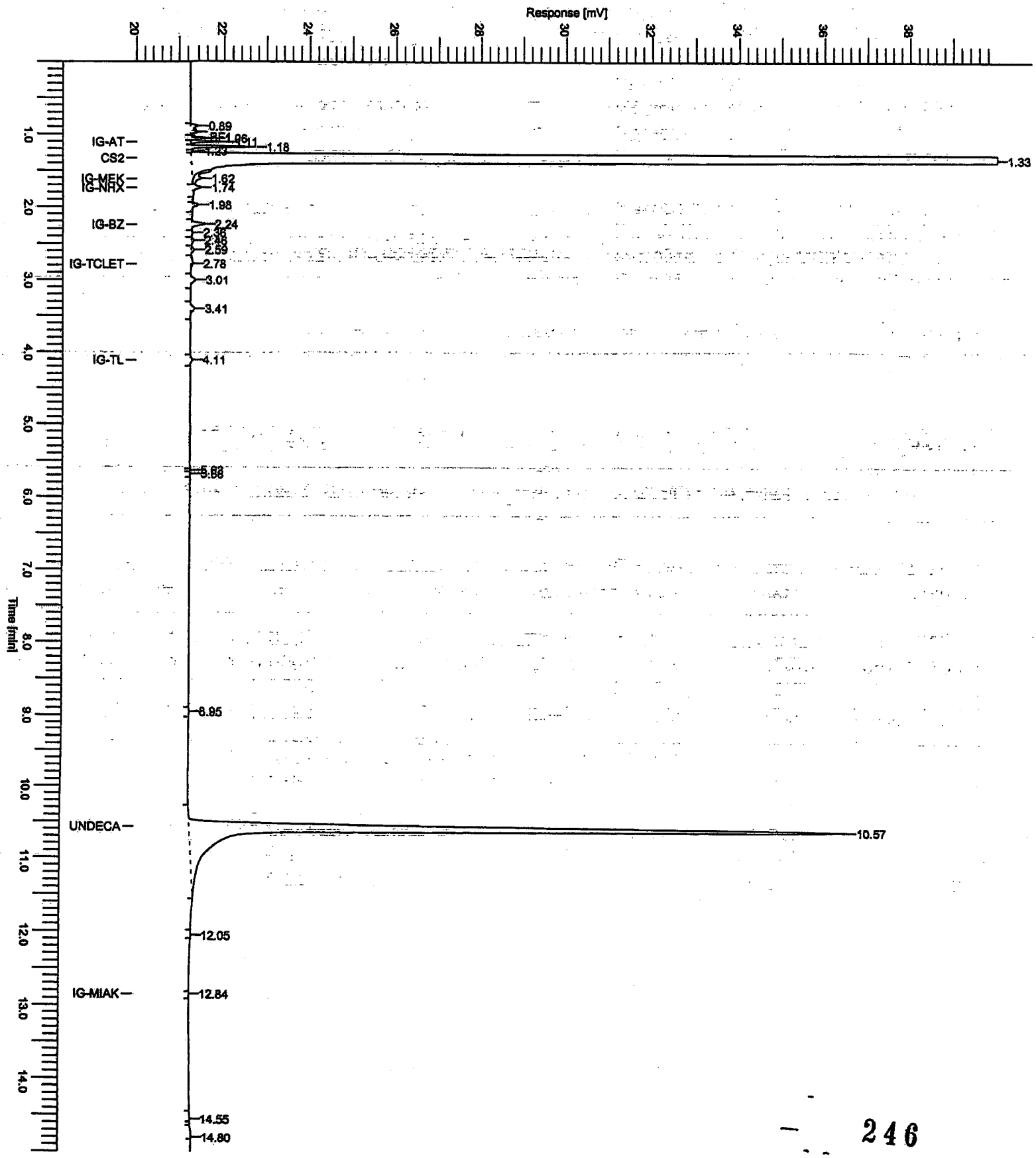
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.89 | 810 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| | 1.06 | 597 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 |
| IG-AT | 1.11 | 883 | 333 | 2.65 | 1.0 | 1 | 2.6518 |
| | 1.18 | 1824 | 1000000 | 0.00 | 1.0 | 1 | 0.0018 |
| CS2 | 1.33 | 171314 | 51656 | 3.32 | 1.0 | 1 | 3.3164 |
| IG-MEK | 1.62 | 1243 | 373 | 3.33 | 1.0 | 1 | 3.3333 |
| IG-NHX | 1.74 | 541 | 668 | 0.81 | 1.0 | 1 | 0.8102 |
| | 1.98 | 277 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-BZ | 2.24 | 692 | 691 | 1.00 | 1.0 | 1 | 1.0007 ΔL |
| | 3.01 | 389 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 3.41 | 343 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| Undecane | 10.57 | 86443 | 28413 | 3.04 | 1.0 | 1 | 3.0423 |
| | | 265356 | | | | | |

A1/2DL

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A058.TX0

# Chromatogram

Sample Name : L79047-20A,WG39545,STD2TUBE  Sample #: 058  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A058.raw
Date : 2/27/02 3:37:25 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 1:23:36 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:37:26 PM |
| Operator | : manager | Sample Name | : L79047-20B,WG39545,STD2TUBE |
| Sample Number | : 059 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/56 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 1:46:17 PM | Cycle | : 59 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A059.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A059.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A059.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

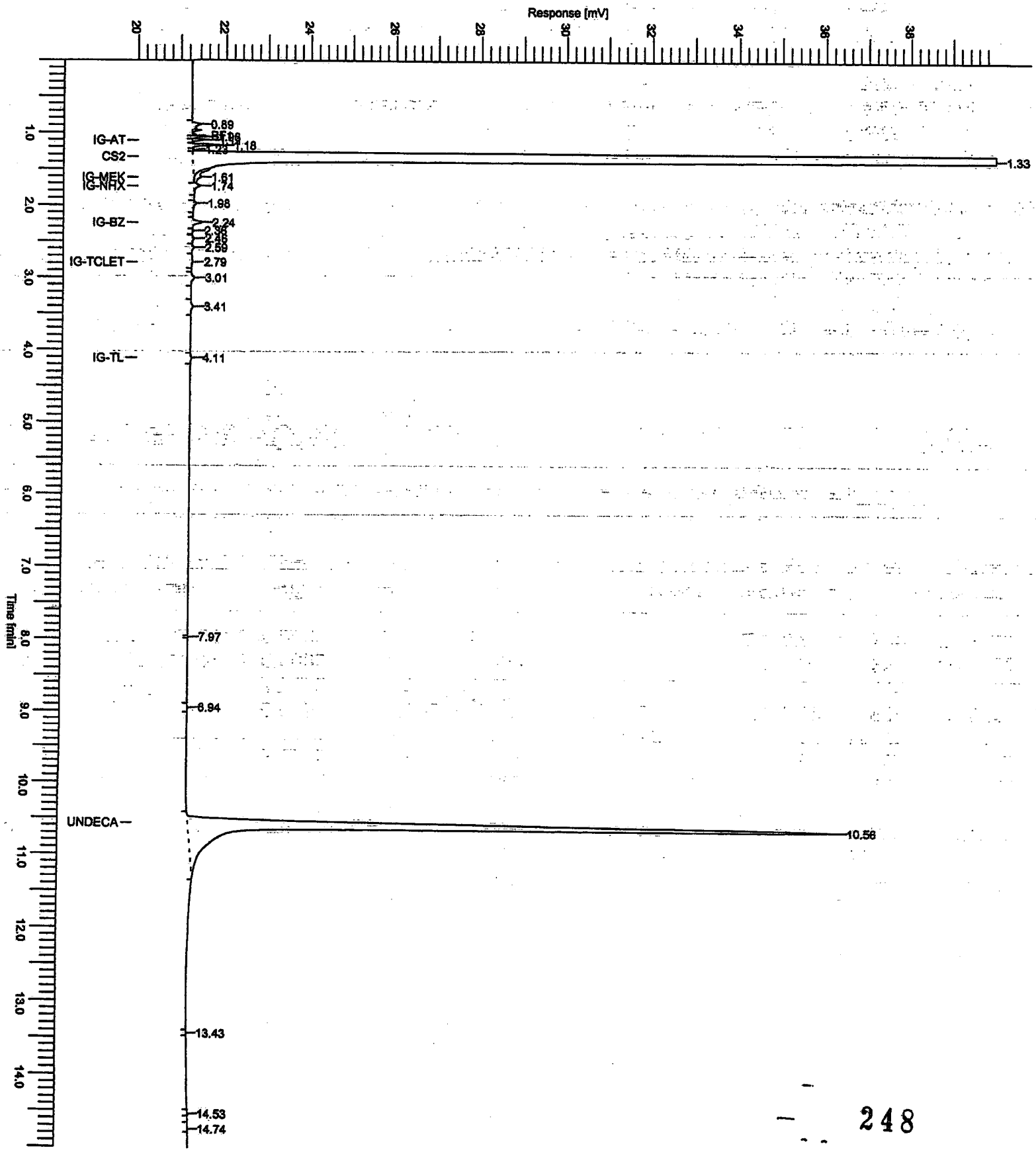
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.89 | 754 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| | 1.06 | 325 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-AT | 1.11 | 414 | 333 | 1.24 | 1.0 | 1 | 1.2425 |
| | 1.18 | 839 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 |
| CS2 | 1.33 | 170143 | 51656 | 3.29 | 1.0 | 1 | 3.2938 |
| IG-MEK | 1.61 | 1105 | 373 | 2.96 | 1.0 | 1 | 2.9632 |
| IG-NHX | 1.74 | 400 | 668 | 0.60 | 1.0 | 1 | 0.5985 |
| IG-BZ | 2.24 | 464 | 691 | 0.67 | 1.0 | 1 | 0.6720 <DL |
| | 3.01 | 225 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| Undecane | 10.56 | 83212 | 28413 | 2.93 | 1.0 | 1 | 2.9286 |
| | | 257880 | | | | | |

All <DL

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A059.TX0

# Chromatogram

Sample Name : L79047-20B,WG39545,STD2TUBE  Sample #: 059  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A059.raw
Date : 2/27/02 3:37:28 PM
Method : hp#6a rtx 1  Time of Injection: 2/27/02 1:46:17 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/28/02 8:23:27 AM |
| Operator | : manager | Sample Name | : L79047-20A,WG39545,STD2TUBE |
| Sample Number | : 29 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/29 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 4:55:09 PM | Cycle | : 29 |

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A029.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A029.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 4.87 | 420 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| IG-ETOH | 6.03 | 925 | 223 | 4.15 | 1.0 | 1 | 4.1494 |
| | 6.65 | 1004 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 |
| | 7.28 | 963 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 |
| | 7.65 | 231 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 8.28 | 705 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 8.91 | 375 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| CS2 | 9.43 | 394114 | 1000000 | 0.39 | 1.0 | 1 | 0.3941 |
| | 10.42 | 263 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-CYHX | 14.74 | 157 | 656 | 0.24 | 1.0 | 1 | 0.2386 |
| IG-12DCLET | 16.39 | 459 | 268 | 1.71 | 1.0 | 1 | 1.7119 |
| IG-BZ | 16.64 | 1061 | 865 | 1.23 | 1.0 | 1 | 1.2263 |
| | 19.47 | 333 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| | 25.04 | 175 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 49.62 | 94275 | 1000000 | 0.09 | 1.0 | 1 | 0.0943 |

All<DL

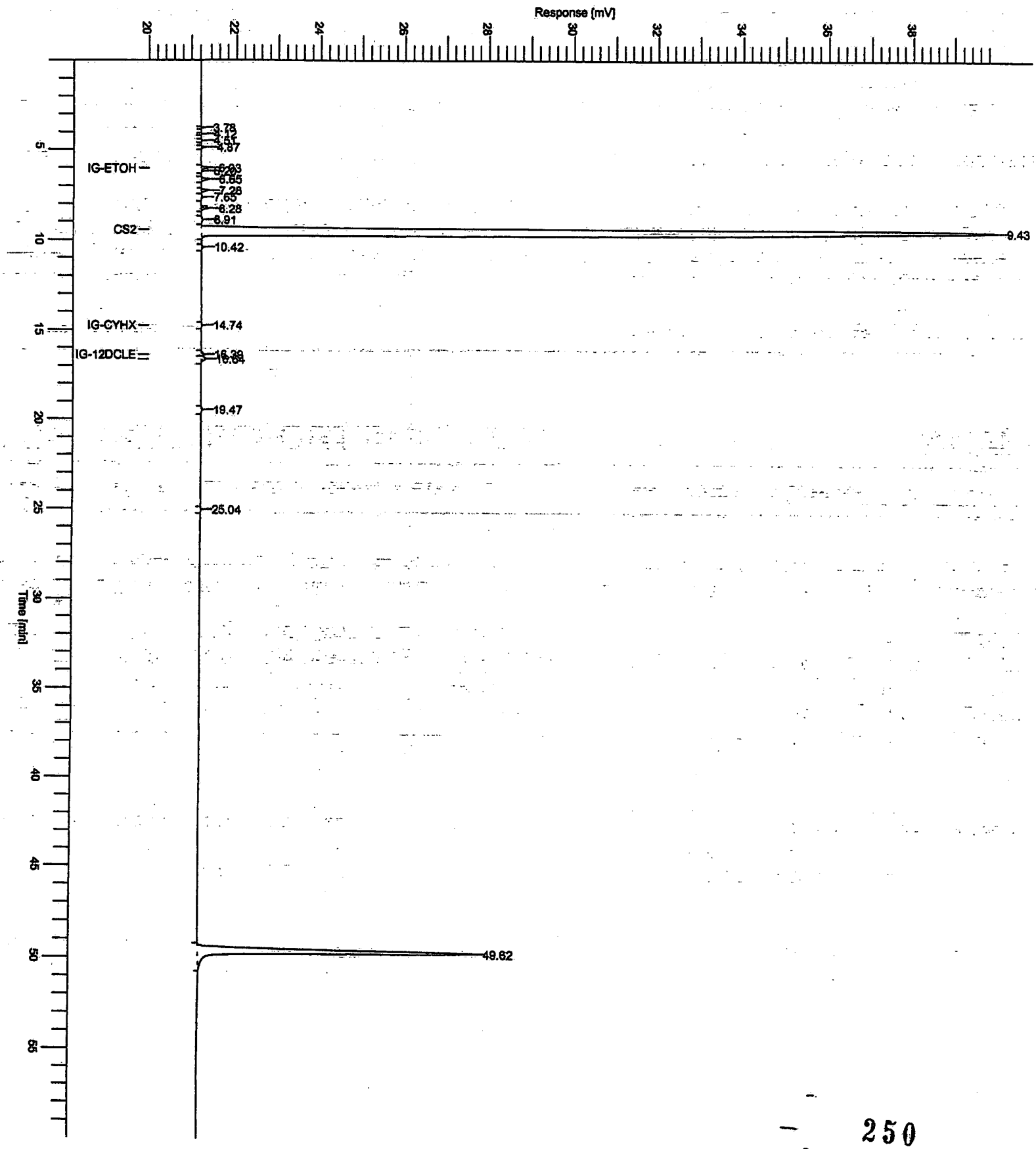
<DL

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A029.TX0

# Chromatogram

Sample Name : L79047-20A,WG39545,STD2TUBE  Sample #: 29  Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A029.raw
Date : 2/28/02 8:23:32 AM
Method : hp#2 orgprof.mth  Time of Injection: 2/27/02 4:55:09 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:30:58 AM |
| Operator | : manager | Sample Name | : L79047-20B,WG39545,STD2TUBE |
| Sample Number | : 69 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/69 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 3:21:35 PM | Cycle | : 69 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A069.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A069.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A069.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 5.02 | 194 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| | 6.20 | 429 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 6.82 | 459 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| | 7.47 | 454 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 |
| IG-VNECL | 7.85 | 107 | 200 | 0.53 | 1.0 | 1 | 0.5348 |
| | 8.48 | 404 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| | 9.12 | 221 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| CS2 | 9.64 | 404570 | 1000000 | 0.40 | 1.0 | 1 | 0.4046 |
| | 10.64 | 169 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 |
| IG-CYHXE | 16.65 | 255 | 724 | 0.35 | 1.0 | 1 | 0.3526 |
| | 16.93 | 658 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 |
| | 49.97 | 94356 | 1000000 | 0.09 | 1.0 | 1 | 0.0944 |

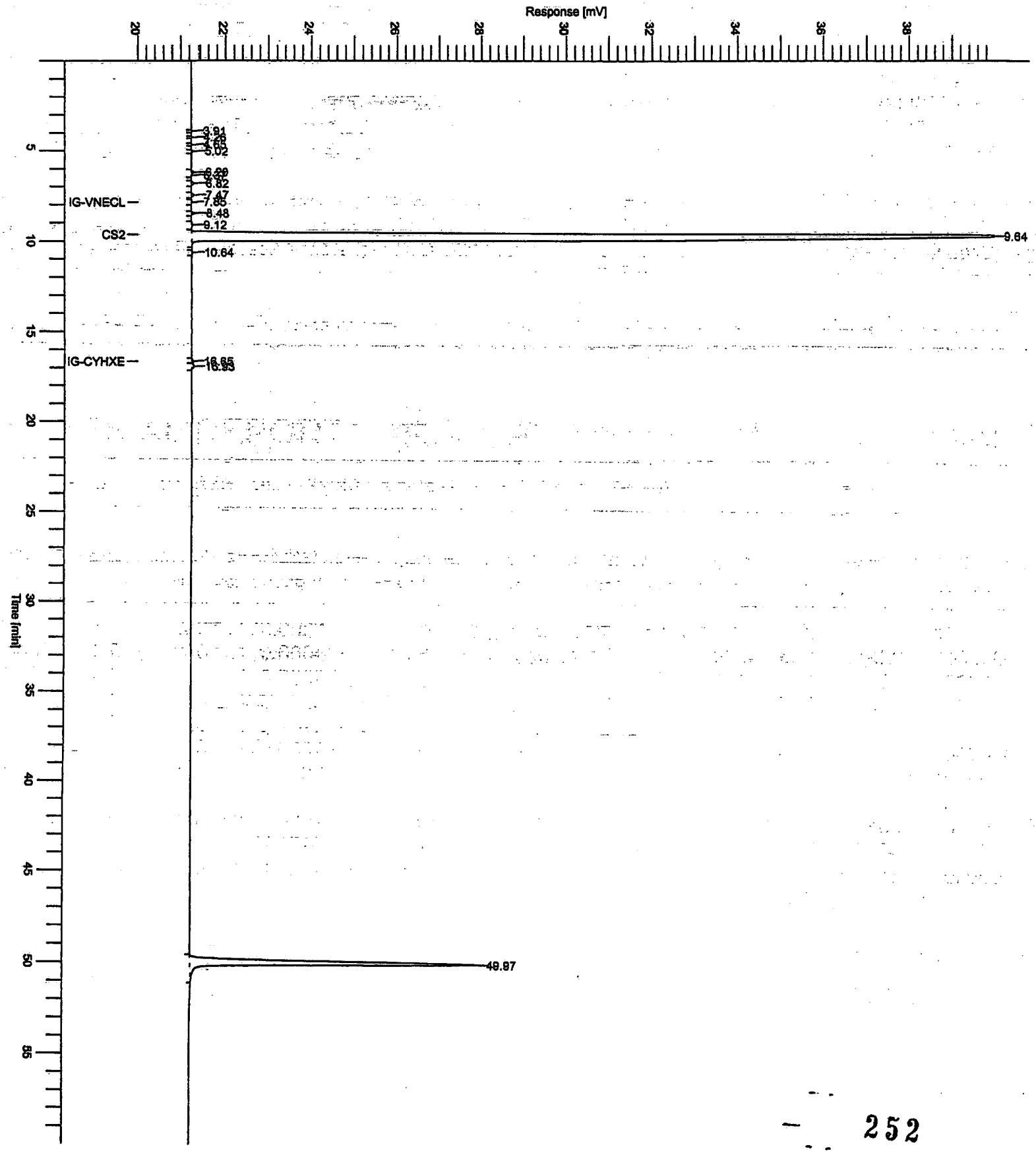
All<DL

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A069.TX0

# Chromatogram

Sample Name : L79047-20B,WG39545,STD2TUBE  Sample #: 69  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A069.raw
Date : 3/4/02 10:31:03 AM
Method : hp#2 orgprof  Time of Injection: 3/1/02 3:21:35 PM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



# CONTINUING CALIBRATION STANDARDS

# AND

# CONTINUING BLANK DATA

# GC FID

| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 9:17:59 AM |
| Operator | : manager | Sample Name | : CS2 BLANK |
| Sample Number | : 001 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/1 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 4:08:20 PM | Cycle | : 1 |

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A001.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A001.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A001.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

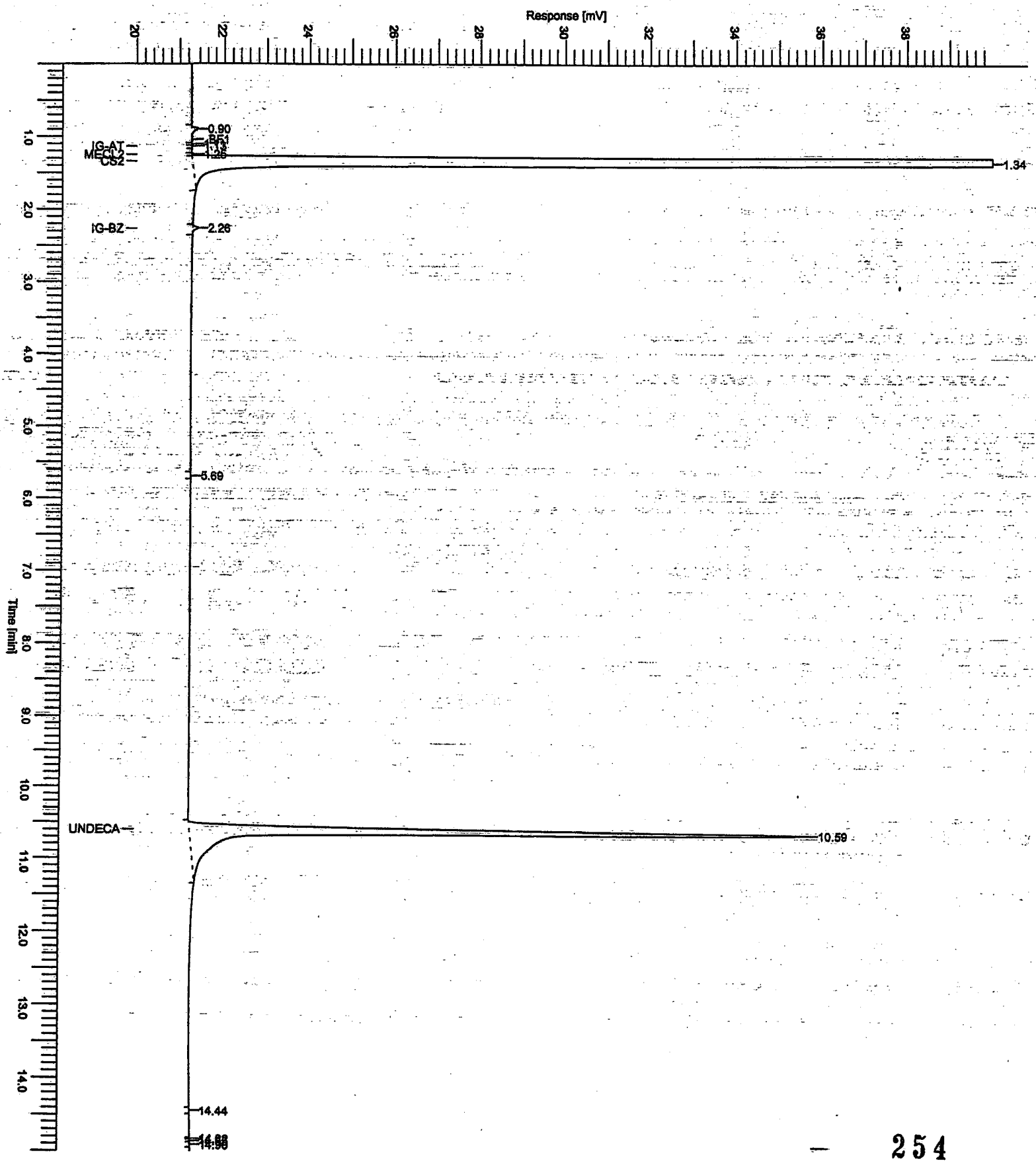
ANALYTICAL METHOD: _____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.90 | 407 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| CS2 | 1.34 | 175743 | 51656 | 3.40 | 1.0 | 1 | 3.4022 |
| IG-BZ | 2.26 | 287 | 779 | 0.37 | 1.0 | 1 | 0.3685 |
| Undecane | 10.59 | 78955 | 28413 | 2.78 | 1.0 | 1 | 2.7788 |
| | | 255392 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A001.TX0

# Chromatogram

Sample Name : CS2 BLANK  Sample #: 001  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A001.raw
Date : 2/27/02 9:18:01 AM
Method : hp#6a rtx 1  Time of Injection: 2/26/02 4:08:20 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 9:18:02 AM |
| Operator | : manager | Sample Name | : WG39545-40 |
| Sample Number | : 002 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/2 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 4:30:22 PM | Cycle | : 2 |

MEDIA BLANK

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A002.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A002.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A002.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

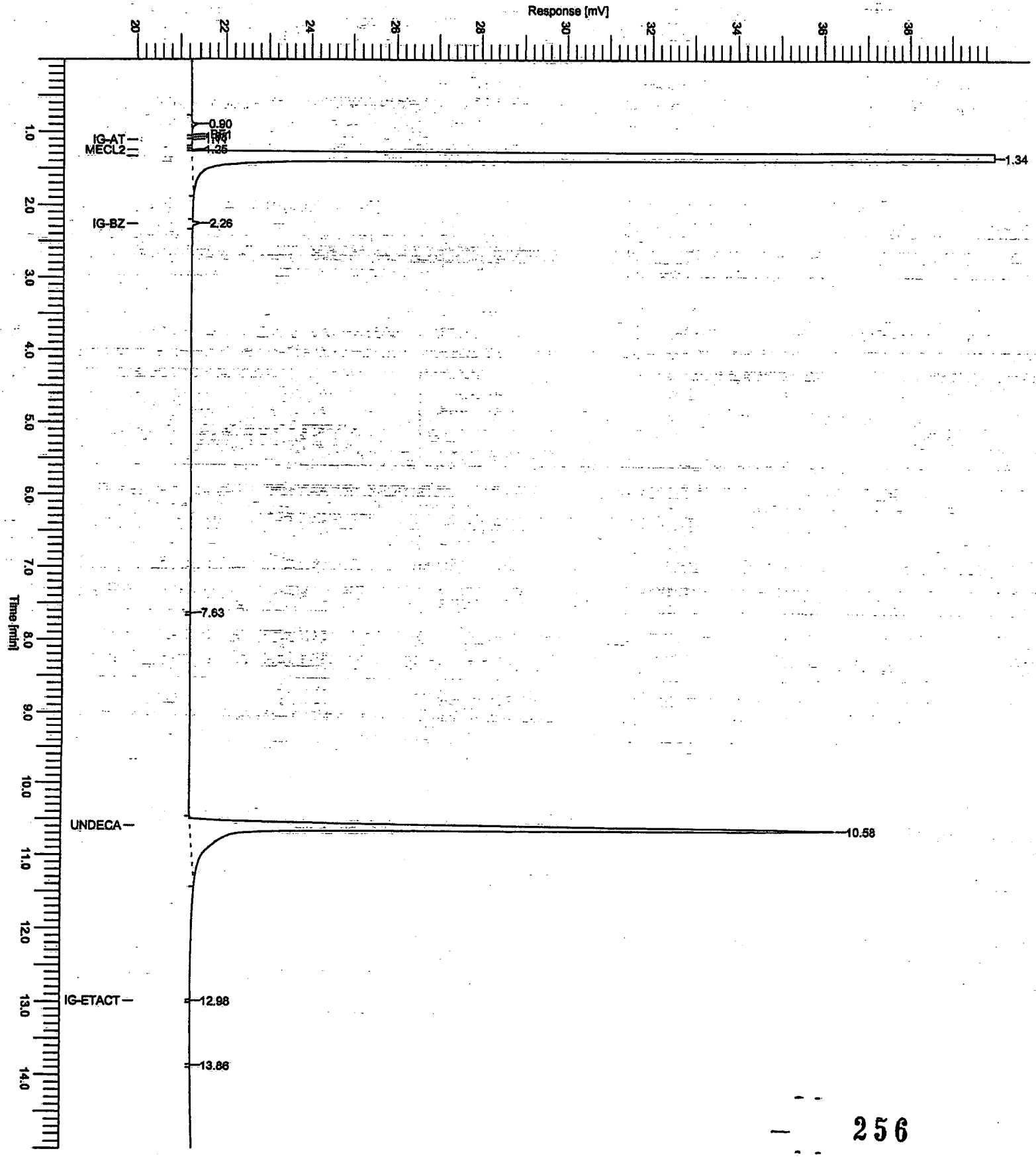
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.90 | 365 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 |
| CS2 | 1.34 | 175773 | 51656 | 3.40 | 1.0 | 1 | 3.4027 |
| IG-BZ | 2.26 | 275 | 779 | 0.35 | 1.0 | 1 | 0.3526 |
| Undecane | 10.58 | 82509 | 28413 | 2.90 | 1.0 | 1 | 2.9039 |
| | | 258921 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A002.TX0

# Chromatogram

Sample Name : WG39545-40 Sample #: 002 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A002.raw
Date : 2/27/02 9:18:05 AM
Method : hp#6a rtx 1 Time of Injection: 2/26/02 4:30:22 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 9:18:06 AM |
| Operator | : manager | Sample Name | : WG39545-41 |
| Sample Number | : 003 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/3 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 4:52:30 PM | Cycle | : 3 |

MEDIA BLANK

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A003.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A003.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A003.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

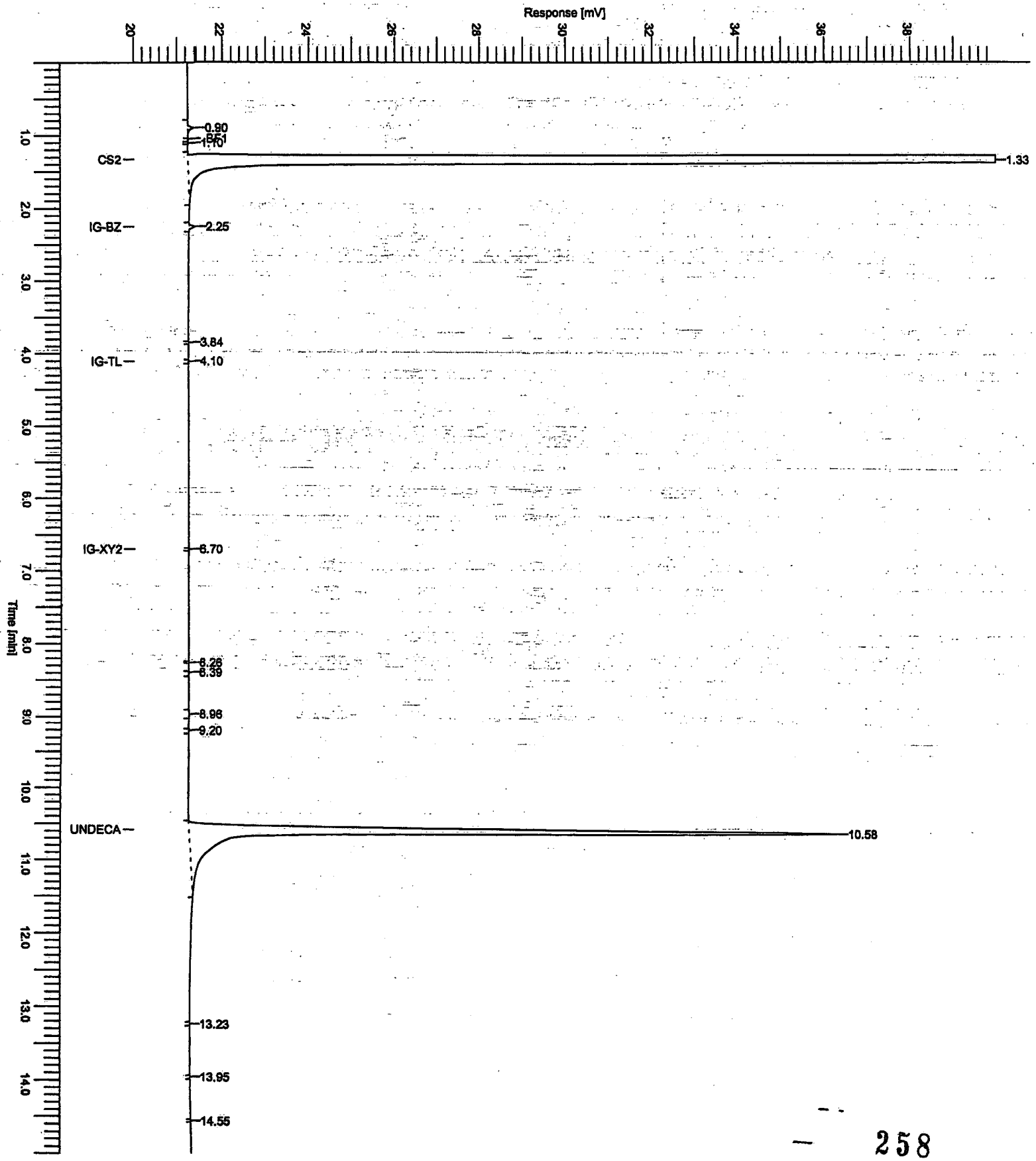
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.90 | 336 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| CS2 | 1.33 | 176925 | 51656 | 3.43 | 1.0 | 1 | 3.4251 |
| IG-BZ | 2.25 | 275 | 779 | 0.35 | 1.0 | 1 | 0.3532 |
| Undecane | 10.58 | 83126 | 28413 | 2.93 | 1.0 | 1 | 2.9256 |
| | | 260662 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A003.TX0

# Chromatogram

Sample Name : WG39545-41 Sample #: 003 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A003.raw
Date : 2/27/02 9:18:08 AM
Method : hp#6a rtx 1 Time of Injection: 2/26/02 4:52:30 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:34:02 PM |
| Operator | : manager | Sample Name | : WG39545-42,IH13362,561 |
| Sample Number | : 015 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/14 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 9:30:17 PM | Cycle | : 15 |

Reporting Level Check Std

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A015.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A015.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A015.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

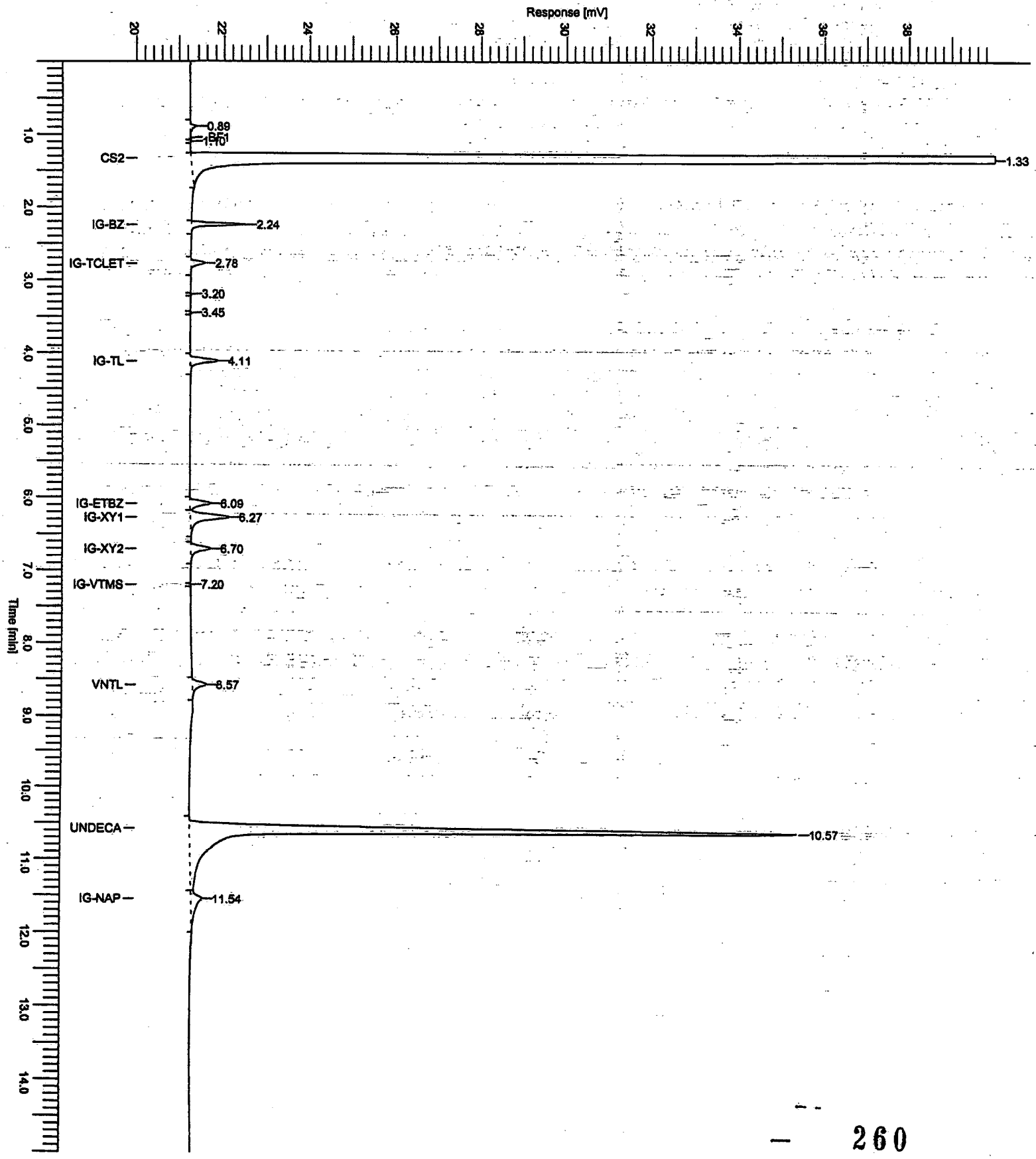
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|
| | 0.89 | 411 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | | |
| CS2 | 1.33 | 170860 | 51656 | 3.31 | 1.0 | 1 | 3.3076 | | |
| IG-BZ | 2.24 | 3056 | 691 | 4.42 | 1.0 | 1 | 4.4232 | 4.695 | 94% |
| IG-TCLETE | 2.78 | 1048 | 163 | 6.43 | 1.0 | 1 | 6.4302 | 7.478 | 86% |
| IG-TL | 4.11 | 2587 | 708 | 3.65 | 1.0 | 1 | 3.6536 | 4.695 | 78% |
| IG-ETBZ | 6.09 | 2059 | 583 | 3.53 | 1.0 | 1 | 3.5317 | 4.870 | 72% |
| IG-XY | 6.27 | 6912 | 584 | 11.84 | 1.0 | 1 | 11.8360 | 14.260 | 83% |
| VNTL | 8.57 | 1761 | 542 | 3.25 | 1.0 | 1 | 3.2494 | 4.870 | 67% |
| Undecane | 10.57 | 80395 | 28413 | 2.83 | 1.0 | 1 | 2.8295 | | |
| IG-NAP | 11.54 | 3212 | 754 | 4.26 | 1.0 | 1 | 4.2585 | 4.522 | 94% |
| | | 272302 | | | | | | | ✓ |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A015.TX0

# Chromatogram

Sample Name : WG39545-42,IH13-362,561 Sample #: 015 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A015.raw
Date : 2/27/02 3:34:04 PM
Method : hp#6a rtx 1 Time of Injection: 2/26/02 9:30:17 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:34:06 PM |
| Operator | : manager | Sample Name | : WG39545-43,IH13362,21 |
| Sample Number | : 016 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/15 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 9:52:50 PM | Cycle | : 16 |

CONT. CAL. STD

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A016.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A016.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A016.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

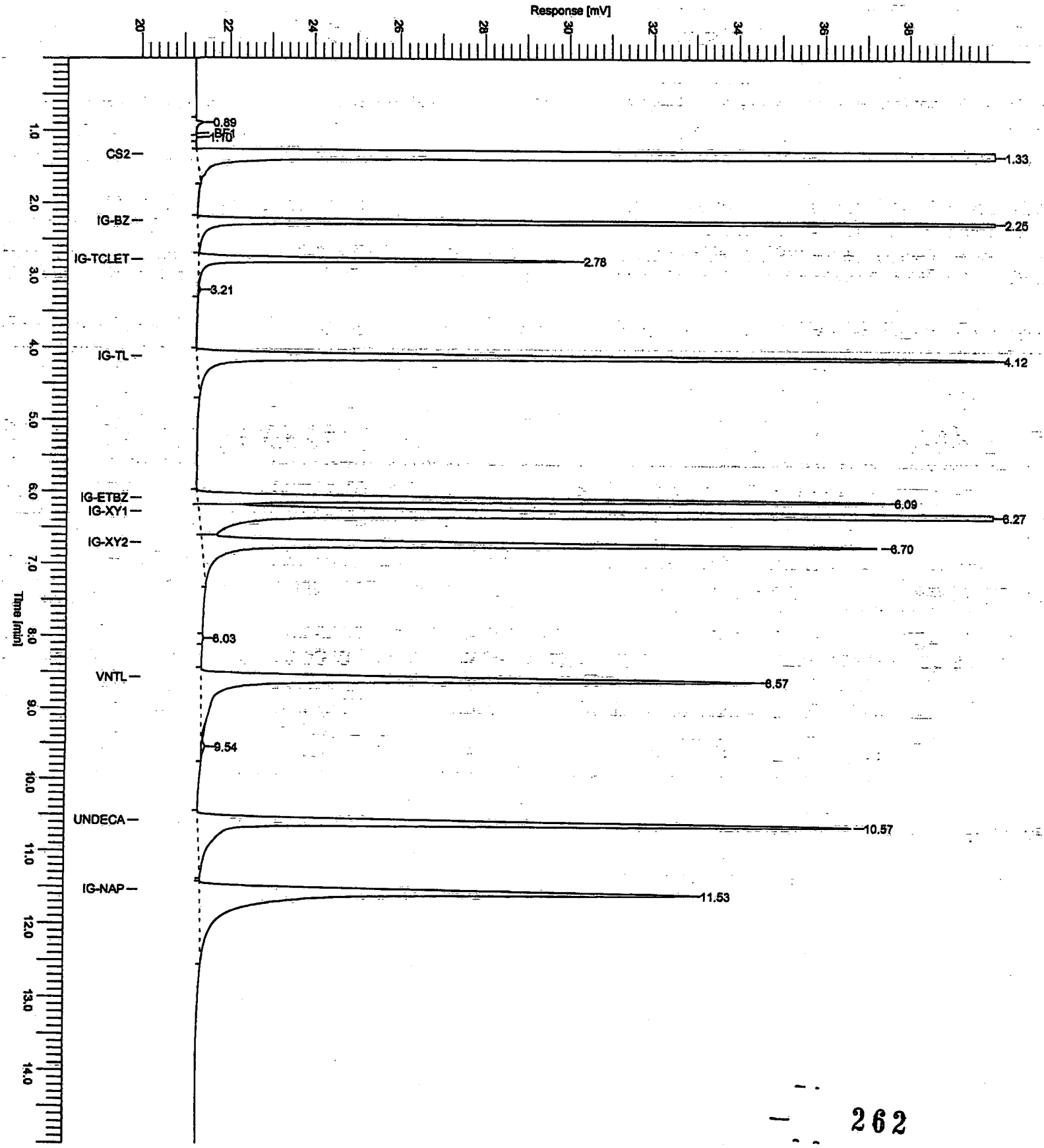
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | EXP | % rec |
|---|---|---|---|---|---|---|---|---|---|
| | 0.89 | 395 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | | |
| CS2 | 1.33 | 171755 | 51656 | 3.32 | 1.0 | 1 | 3.3250 | | |
| IG-BZ | 2.25 | 83007 | 691 | 120.13 | 1.0 | 1 | 120.1255 | 125.4 | 96% |
| IG-TCLETE | 2.78 | 30943 | 163 | 189.84 | 1.0 | 1 | 189.8362 | 199.8 | 95% |
| | 3.21 | 225 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | | |
| IG-TL | 4.12 | 82885 | 708 | 117.07 | 1.0 | 1 | 117.0687 | 125.4 | 93% |
| IG-ETBZ | 6.09 | 69131 | 583 | 118.58 | 1.0 | 1 | 118.5783 | 130.1 | 91% |
| IG-XY | 6.27 | 241527 | 584 | 413.57 | 1.0 | 1 | 413.5734 | 380.95 | 109% |
| VNTL | 8.57 | 72792 | 542 | 134.30 | 1.0 | 1 | 134.3026 | 130.1 | 103% |
| | 9.54 | 1012 | 1000000 | 0.00 | 1.0 | 1 | 0.0010 | | |
| Undecane | 10.57 | 79615 | 28413 | 2.80 | 1.0 | 1 | 2.8020 | | |
| IG-NAP | 11.53 | 86892 | 754 | 115.21 | 1.0 | 1 | 115.2111 | 120.8 | 95% |
| | | 920180 | | | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A016.TX0

# Chromatogram

Sample Name : WG39545-43,IH13362,21 Sample #: 016 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-6a\022602A016.raw
Date : 2/27/02 3:34:09 PM
Method : hp#6a rtx 1 Time of Injection: 2/28/02 9:52:50 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:35:01 PM |
| Operator | : manager | Sample Name | : WG39545-44,IH13362,21 |
| Sample Number | : 027 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/15 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 1:58:58 AM | Cycle | : 27 |

CONT. CAL. STD.

Raw Data File : C:\PenExe\TcWS\Hp-6a\022602A027.raw <Modified>
Result File : C:\PenExe\TcWS\HP-6A\022602A027.rst
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from C:\PenExe\TcWS\HP-6A\022602A027.rst
Proc Method : C:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : C:\penexe\tcws\hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

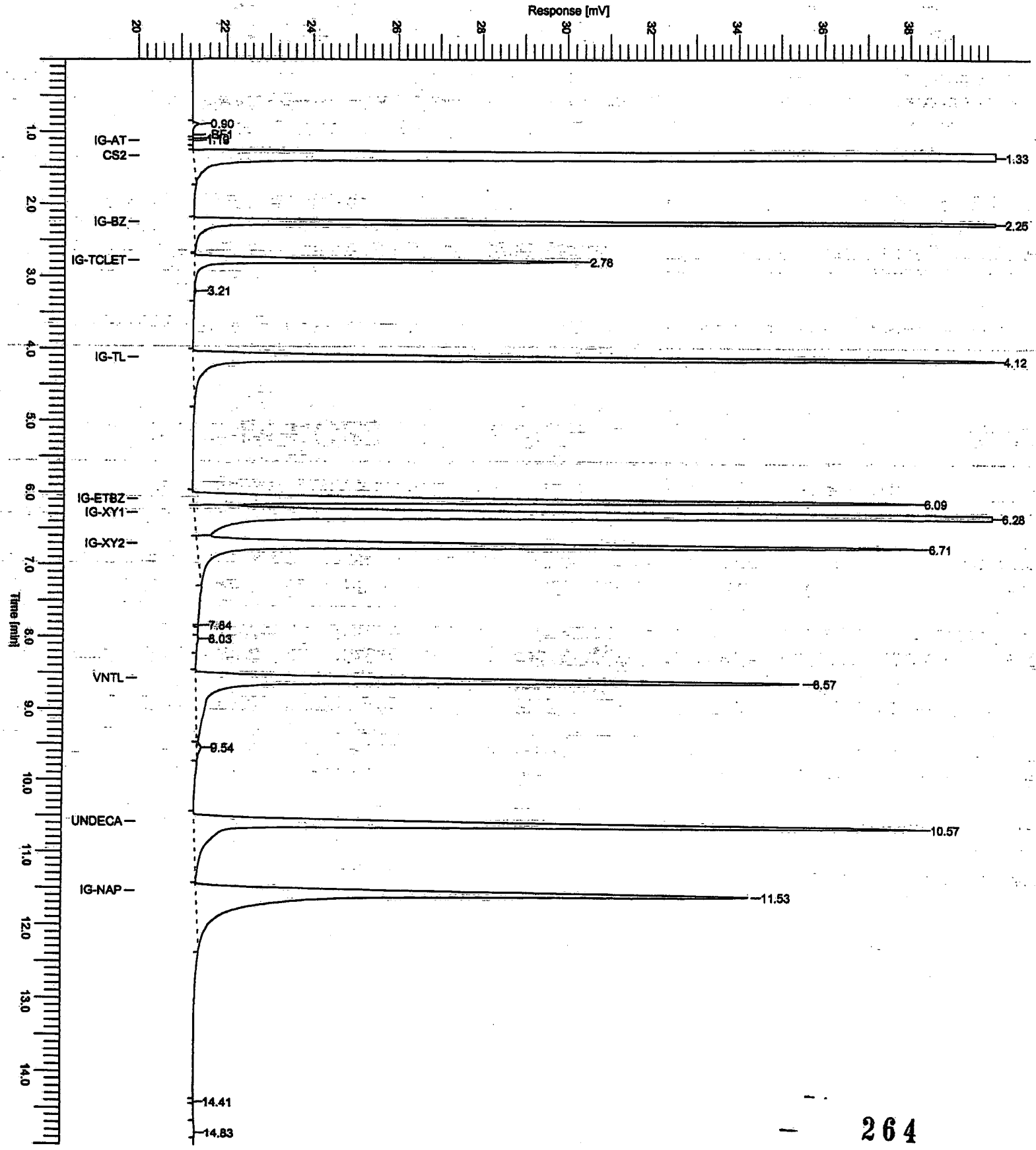
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|
| | 0.90 | 425 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | | |
| CS2 | 1.33 | 175684 | 51656 | 3.40 | 1.0 | 1 | 3.4010 | | |
| IG-BZ | 2.25 | 84118 | 691 | 121.73 | 1.0 | 1 | 121.7341 | 125.4 | 97% |
| IG-TCLETE | 2.78 | 31487 | 163 | 193.17 | 1.0 | 1 | 193.1743 | 199.8 | 97% |
| | 3.21 | 223 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | | |
| IG-TL | 4.12 | 85390 | 708 | 120.61 | 1.0 | 1 | 120.6077 | 125.4 | 96% |
| IG-ETBZ | 6.09 | 72246 | 583 | 123.92 | 1.0 | 1 | 123.9216 | 130.1 | 95% |
| IG-XY | 6.28 | 249112 | 584 | 426.56 | 1.0 | 1 | 426.5609 | 380.95 | 112% |
| VNTL | 8.57 | 76803 | 542 | 141.70 | 1.0 | 1 | 141.7024 | 130.1 | 109% |
| | 9.54 | 656 | 1000000 | 0.00 | 1.0 | 1 | 0.0007 | | |
| Undecane | 10.57 | 85000 | 28413 | 2.99 | 1.0 | 1 | 2.9916 | | |
| IG-NAP | 11.53 | 92101 | 754 | 122.12 | 1.0 | 1 | 122.1180 | 120.8 | 101% |
| | | 953246 | | | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\HP-6A\022602A027.TX0

# Chromatogram

Sample Name : WG39545-44.IH133-62,21 Sample #: 027 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-8a\022602A027.raw
Date : 2/27/02 3:35:05 PM
Method : hp#8a rtx 1 Time of Injection: 2/27/02 1:58:58 AM
Start Time : 0.00 min End Time : 15.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:15:51 PM |
| Operator | : manager | Sample Name | : WG39545-45,IH13362,51 |
| Sample Number | : 038 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/36 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 5:58:45 AM | Cycle | : 38 |

CONT. CAL. STD.

Raw Data File : I:\PenExe\TcWS\Hp-6a\022602A038.raw <Modified>
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from I:\PenExe\TcWS\Hp-6a\022602A038.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : I:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

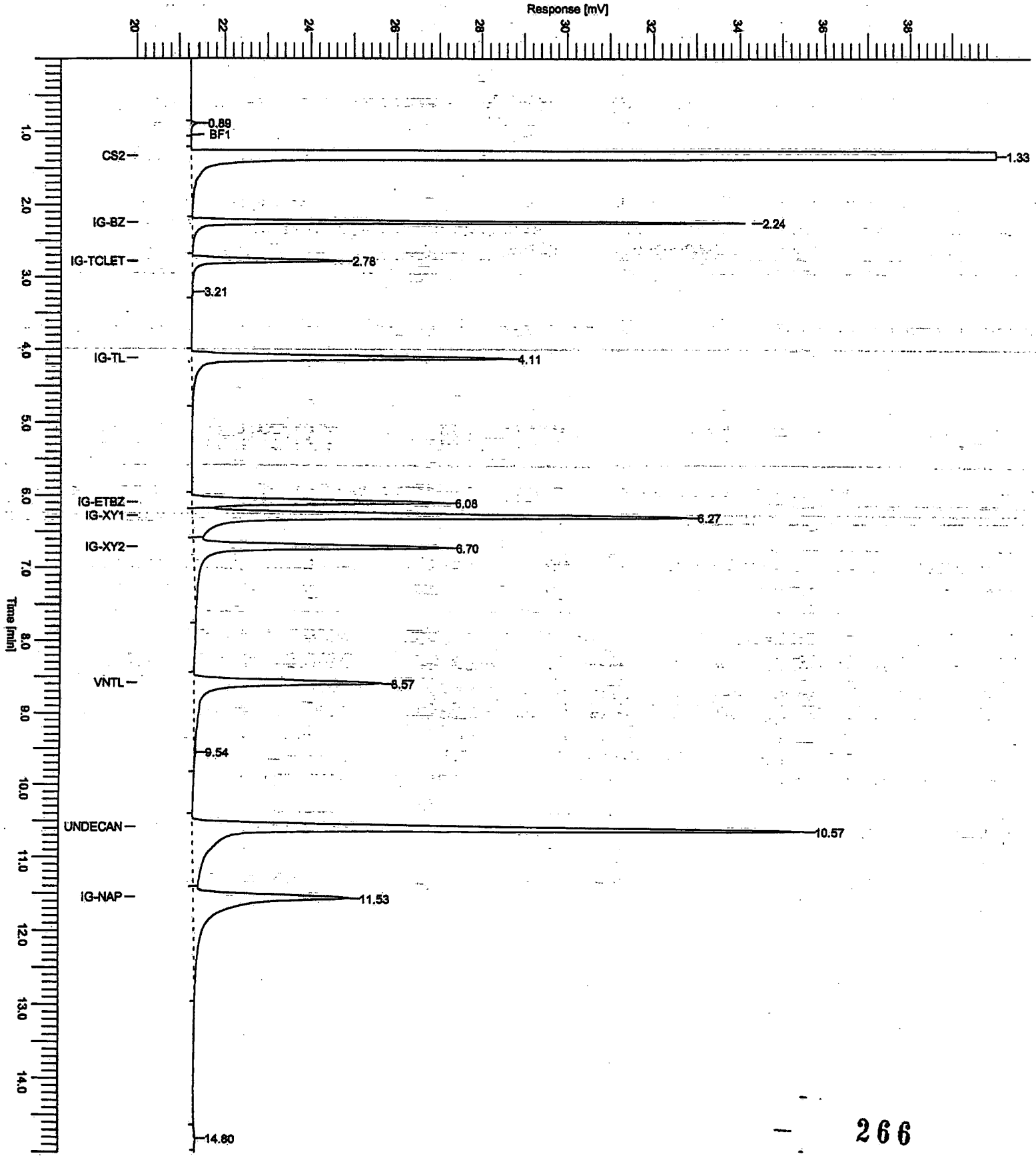
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | exp | % rec |
|---|---|---|---|---|---|---|---|---|---|
| | 0.89 | 353 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | | |
| CS2 | 1.33 | 181187 | 51656 | 3.51 | 1.0 | 1 | 3.5076 | | |
| IG-BZ | 2.24 | 32765 | 691 | 47.42 | 1.0 | 1 | 47.4161 | 51.65 | 92% |
| IG-TCLETE | 2.78 | 12192 | 163 | 74.80 | 1.0 | 1 | 74.7971 | 82.25 | 91% |
| IG-TL | 4.11 | 32357 | 708 | 45.70 | 1.0 | 1 | 45.7015 | 51.65 | 88% |
| IG-ETBZ | 6.08 | 27245 | 583 | 46.73 | 1.0 | 1 | 46.7326 | 53.5 | 87% |
| IG-XY | 6.27 | 80701 | 584 | 138.19 | 1.0 | 1 | 138.1859 | 156.9 | 88% |
| VNTL | 8.57 | 27815 | 542 | 51.32 | 1.0 | 1 | 51.3201 | 53.5 | 96% |
| | 9.54 | 1209 | 1000000 | 0.00 | 1.0 | 1 | 0.0012 | | |
| Undecane | 10.57 | 81072 | 28413 | 2.85 | 1.0 | 1 | 2.8533 | | |
| IG-NAP | 11.53 | 34833 | 754 | 46.19 | 1.0 | 1 | 46.1853 | 49.75 | 93% |
| | 14.80 | 302 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | |
| | | 512029 | | | | | | | |

Report stored in ASCII file: I:\PenExe\TcWS\Hp-6a\022602A038.TX0

# Chromatogram

Sample Name : WG39545-45,IH13362,51 Sample #: 038 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-6a\022602A038.raw
Date : 2/27/02 3:16:05 PM
Method : hp#6a rtx 1.mth Time of Injection: 2/27/02 5:58:45 AM
Start Time : 0.00 min End Time : 15.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:18:15 PM |
| Operator | : manager | Sample Name | : WG39545-46,IH13362,51 |
| Sample Number | : 049 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/36 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 10:00:18 AM | Cycle | : 49 |

CONT. CAL. STD.

Raw Data File : I:\PenExe\TcWS\Hp-6a\022602A049.raw <Modified>
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from I:\PenExe\TcWS\Hp-6a\022602A049.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : I:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

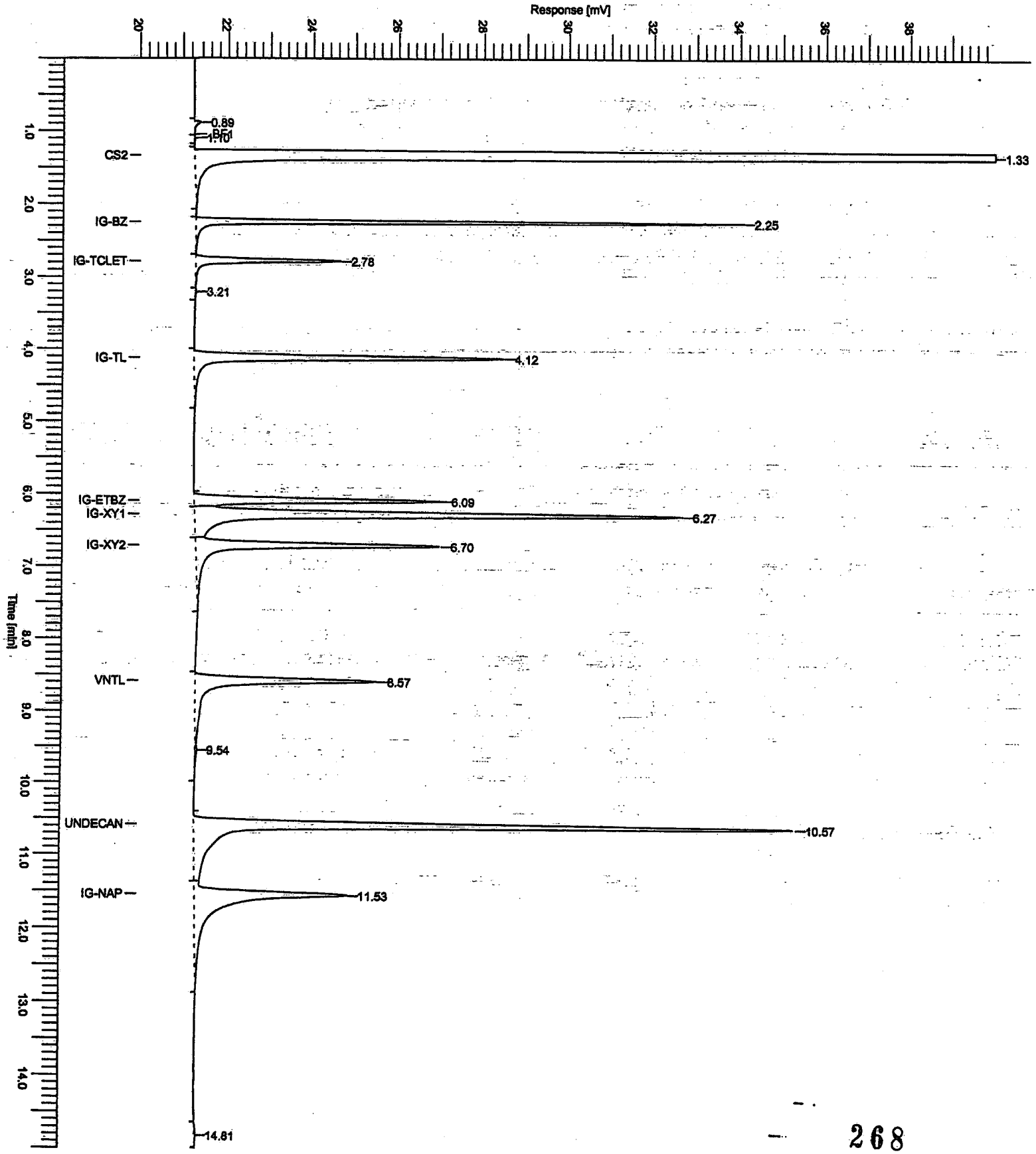
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|
| | 0.89 | 364 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | | |
| CS2 | 1.33 | 173028 | 51656 | 3.35 | 1.0 | 1 | 3.3496 | | |
| IG-BZ | 2.25 | 32272 | 691 | 46.70 | 1.0 | 1 | 46.7031 | 51.65 | 90% |
| IG-TCLETE | 2.78 | 11987 | 163 | 73.54 | 1.0 | 1 | 73.5371 | 82.25 | 89% |
| IG-TL | 4.12 | 32013 | 708 | 45.22 | 1.0 | 1 | 45.2158 | 51.65 | 88% |
| IG-ETBZ | 6.09 | 26447 | 583 | 45.36 | 1.0 | 1 | 45.3636 | 53.5 | 85% |
| IG-XY | 6.27 | 79405 | 584 | 135.97 | 1.0 | 1 | 135.9666 | 156.9 | 87% |
| VNTL | 8.57 | 27278 | 542 | 50.33 | 1.0 | 1 | 50.3288 | 535 | 94% |
| | 9.54 | 1123 | 1000000 | 0.00 | 1.0 | 1 | 0.0011 | | |
| Undecane | 10.57 | 80146 | 28413 | 2.82 | 1.0 | 1 | 2.8207 | | |
| IG-NAP | 11.53 | 36007 | 754 | 47.74 | 1.0 | 1 | 47.7417 | 49.75 | 96% |
| | 14.80 | 311 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | |
| | | 500379 | | | | | | | |

Report stored in ASCII file: I:\PenExe\TcWS\Hp-6a\022602A049.TX0

# Chromatogram

Sample Name : WG39545-46,IH13-362,51 Sample #: 049 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-6a\022802A049.raw
Date : 2/27/02 3:18:29 PM
Method : hpf6a rtx 1.mth Time of Injection: 2/27/02 10:00:18 AM
Start Time : 0.00 min End Time : 15.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 3:18:49 PM |
| Operator | : manager | Sample Name | : WG39545-47,IH13362,11 |
| Sample Number | : 060 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/57 |
| Instrument Name | : HP-6 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 200.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 2:09:08 PM | Cycle | : 60 |

CONT. CAL. STD.

Raw Data File : I:\PenExe\TcWS\Hp-6a\022602A060.raw <Modified>
Inst Method : c:\penexe\tcws\hp-6a\hp#6a_rtx_1 from I:\PenExe\TcWS\Hp-6a\022602A060.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Calib Method : I:\PenExe\TcWS\Hp-6a\hp#6a_rtx_1.mth
Sequence File : C:\PenExe\TcWS\Hp-6a\022602.seq

# ANALYTICAL REPORT

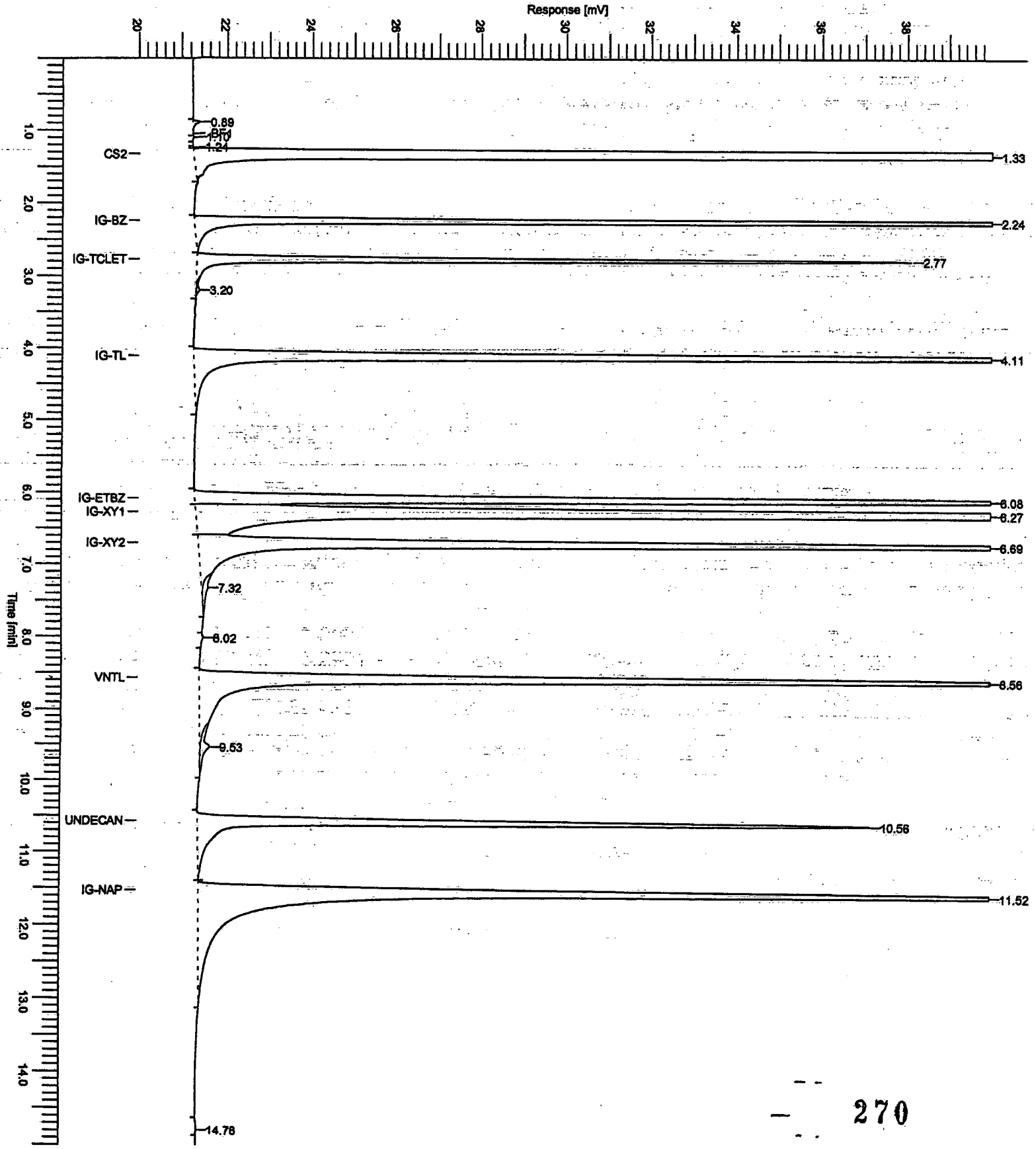
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|
| | 0.89 | 444 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | | |
| CS2 | 1.33 | 170417 | 51656 | 3.30 | 1.0 | 1 | 3.2991 | | |
| IG-BZ | 2.24 | 156670 | 691 | 226.73 | 1.0 | 1 | 226.7297 | 239.5 | 95% |
| IG-TCLETE | 2.77 | 58588 | 163 | 359.43 | 1.0 | 1 | 359.4338 | 381.4 | 94% |
| | 3.20 | 436 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | | |
| IG-TL | 4.11 | 160079 | 708 | 226.10 | 1.0 | 1 | 226.1004 | 239.5 | 94% |
| IG-ETBZ | 6.08 | 133837 | 583 | 229.57 | 1.0 | 1 | 229.5662 | 248.4 | 92% |
| IG-XY | 6.27 | 469000 | 584 | 803.08 | 1.0 | 1 | 803.0827 | 727.3 | 110% |
| | 7.32 | 2445 | 1000000 | 0.00 | 1.0 | 1 | 0.0024 | | |
| VNTL | 8.56 | 141652 | 542 | 261.35 | 1.0 | 1 | 261.3506 | 248.4 | 105% |
| | 9.53 | 3467 | 1000000 | 0.00 | 1.0 | 1 | 0.0035 | | |
| Undecane | 10.56 | 79897 | 28413 | 2.81 | 1.0 | 1 | 2.8119 | | |
| IG-NAP | 11.52 | 174941 | 754 | 231.96 | 1.0 | 1 | 231.9580 | 230.6 | 101% |
| | | 1551874 | | | | | | | |

Report stored in ASCII file: I:\PenExe\TcWS\Hp-6a\022602A060.TX0

# Chromatogram

Sample Name : WG39545-47,IH13362,11 Sample #: 060 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-6a\022602A060.raw
Date : 2/27/02 3:18:53 PM
Method : hp#6a rbx 1.mth Time of Injection: 2/27/02 2:09:08 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 2:03:42 PM |
| Operator | : manager | Sample Name | : CS2 BLANK |
| Sample Number | : 01 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/1 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 9:26:53 AM | Cycle | : 1 |

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A001.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A001.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A001.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

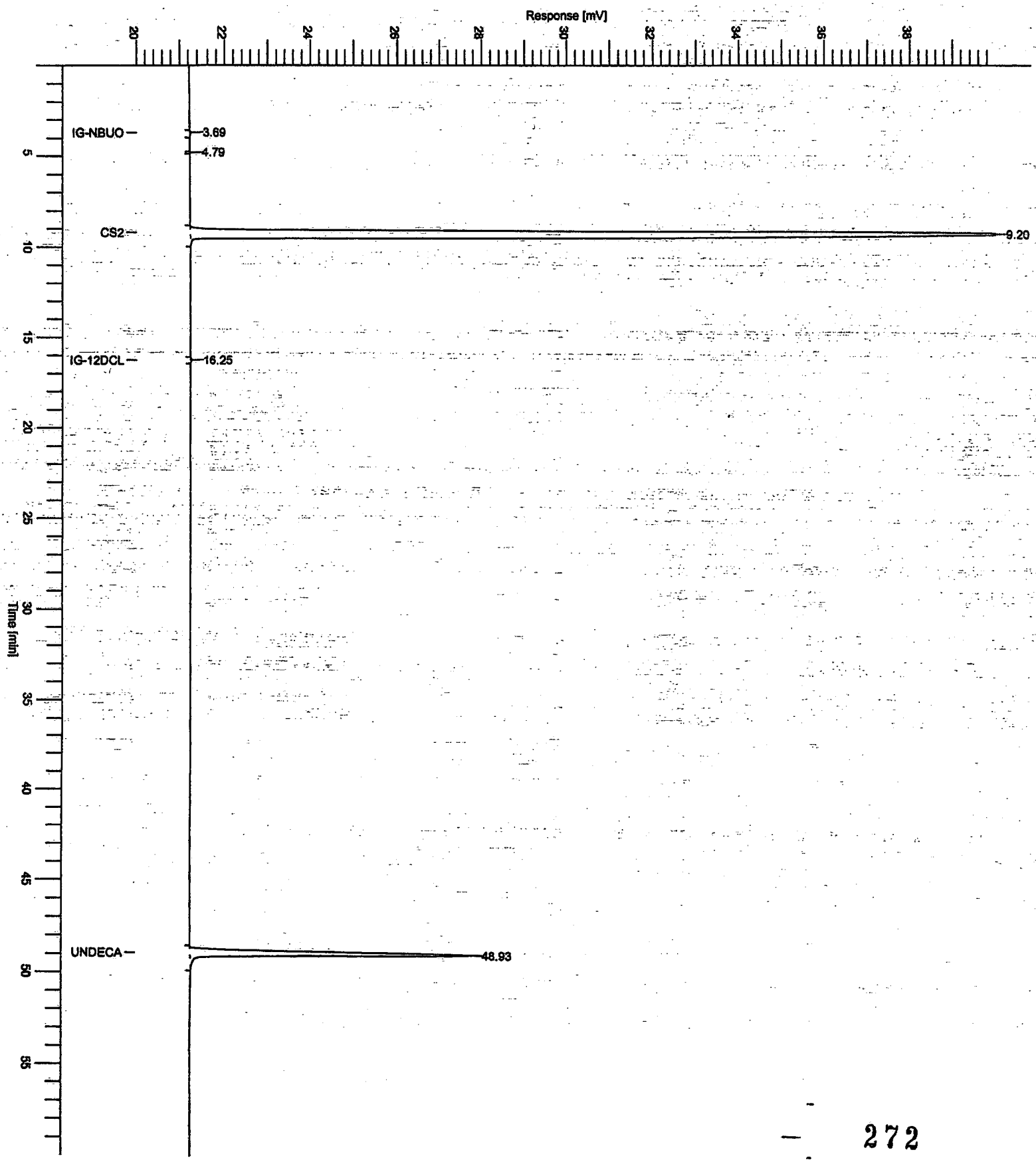
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| IG-NBUOH | 3.69 | 259 | 403 | 0.64 | 1.0 | 1 | 0.6421 |
| CS2 | 9.20 | 406121 | 1000000 | 0.41 | 1.0 | 1 | 0.4061 |
| IG-12DCLET | 16.25 | 306 | 268 | 1.14 | 1.0 | 1 | 1.1399 |
| UNDECANE | 48.93 | 93149 | 3472 | 26.83 | 1.0 | 1 | 26.8269 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A001.TX0

# Chromatogram

Sample Name : CS2 BLANK  Sample #: 01  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A001.raw
Date : 2/26/02 2:03:47 PM
Method : hp#2 orgprof  Time of Injection: 2/26/02 9:26:53 AM
Start Time : 0.00 min  End Time : 60.00 min  Low Point : 20.00 mV  High Point : 40.00 mV
Plot Offset: 20.00 mV  Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 2:00:03 PM |
| Operator | : manager | Sample Name | : WG39545-18,IH12898,21 |
| Sample Number | : 02 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/2 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 10:34:25 AM | Cycle | : 2 |

CONT. CAL. STD.

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A002.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A002.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

CIS12DCLETE 3843 ng/mL

# ANALYTICAL REPORT

TRANS12DCLETE 3744 ng/mL

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

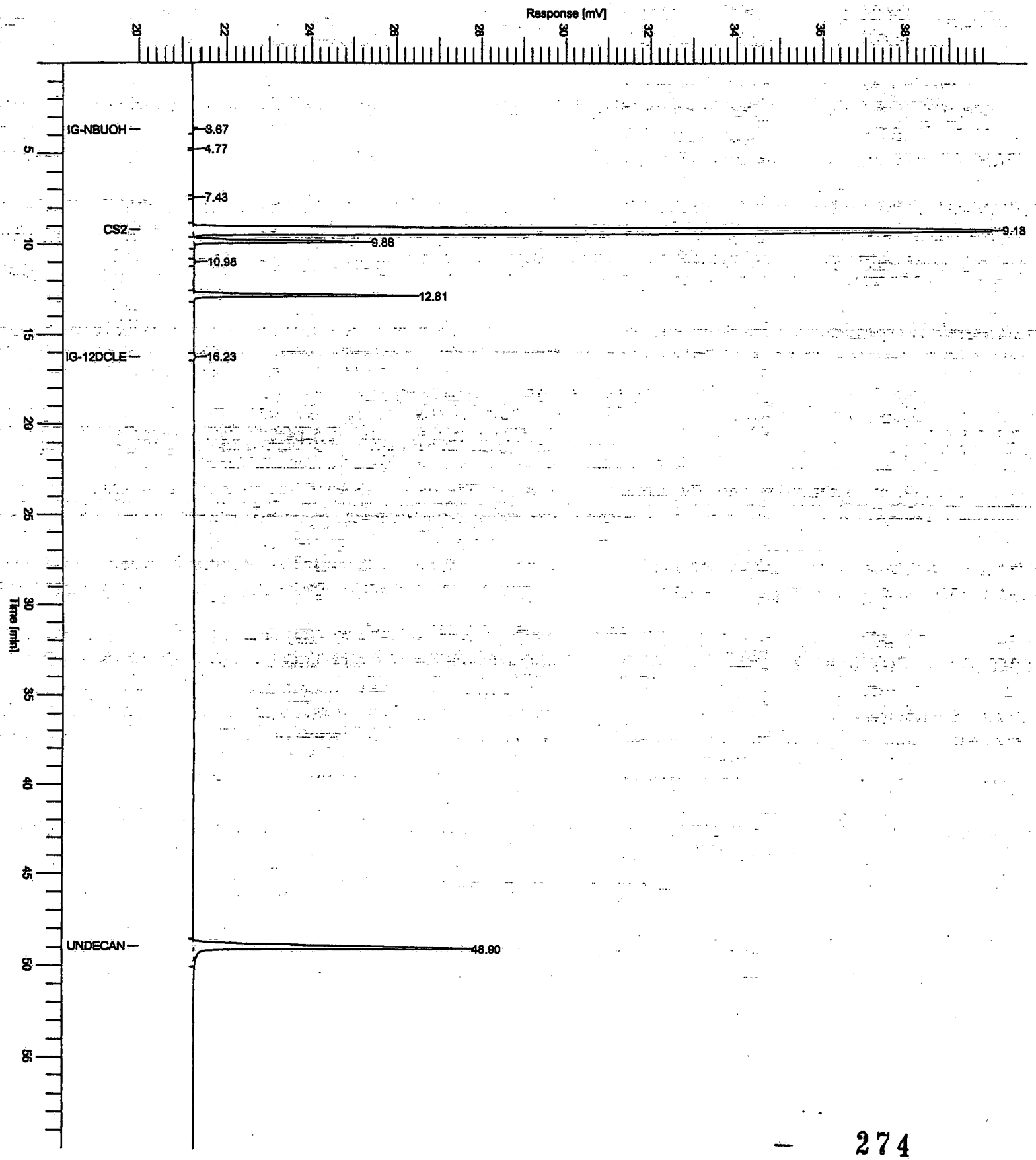
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | end | %Rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| IG-NBUOH | 3.67 | 255 | 403 | 0.63 | 1.0 | 1 | 0.6319 | | | | |
| CS2 | 9.18 | 404051 | 1000000 | 0.40 | 1.0 | 1 | 0.4041 | | | | |
| TRANS12DCLETE → | 9.86 | 35913 | 1000000 | 0.04 | 1.0 | 1 | ~~0.0359~~ | 188 | 191.0 | 178.3 | 107% |
| | 10.98 | 413 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | | | | |
| CIS12DCLETE → | 12.81 | 42338 | 1000000 | 0.04 | 1.0 | 1 | ~~0.0423~~ | 237 | 178.6 | 183.0 | 98% |
| IG-12DCLET | 16.23 | 368 | 268 | 1.37 | 1.0 | 1 | 1.3715 | | | | |
| UNDECANE | 48.90 | 91676 | 3472 | 26.40 | 1.0 | 1 | 26.4027 | | | | |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A002.TX0

# Chromatogram

Sample Name : WG39545-18,IH12B98,21 Sample #: 02 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A002.raw
Date : 2/26/02 2:00:07 PM
Method : hp#2 orgprof.mth Time of Injection: 2/26/02 10:34:25 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 2:10:36 PM |
| Operator | : manager | Sample Name | : WG39545-19,IH13005,21 |
| Sample Number | : 03 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/3 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 11:41:54 AM | Cycle | : 3 |

CONT. CAL STD.

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A003.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A003.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | exp | %Rec |
|---|---|---|---|---|---|---|---|---|---|
| IG-NBUOH | 3.66 | 233 | 403 | 0.58 | 1.0 | 1 | 0.5790 | | |
| | 5.87 | 282 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | |
| | 7.42 | 333 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | |
| | 8.69 | 225 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | | |
| CS2 | 9.17 | 402649 | 1000000 | 0.40 | 1.0 | 1 | 0.4026 | | |
| | 10.47 | 103 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 | | |
| IG-11DCLET | 10.97 | 39500 | 229 | 172.49 | 1.0 | 1 | 172.4876 | 162.3 | 106% |
| | 11.56 | 123 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 | | |
| | 12.12 | 507 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | | |
| IG-CLF | 13.32 | 15417 | 75 | 205.56 | 1.0 | 1 | 205.5609 | 204.1 | 101% |
| IG-MC | 14.70 | 36927 | 192 | 192.33 | 1.0 | 1 | 192.3272 | 180.9 | 106% |
| IG-CCL4 | 15.63 | 6213 | 28 | 221.89 | 1.0 | 1 | 221.8948 | 222.7 | 100% |
| IG-12DCLET | 16.11 | 45348 | 268 | 169.21 | 1.0 | 1 | 169.2107 | 176.3 | 96% |
| | 20.42 | 1523 | 1000000 | 0.00 | 1.0 | 1 | 0.0015 | | |
| IG-112TCLET | 26.20 | 38223 | 181 | 211.18 | 1.0 | 1 | 211.1756 | 194.8 | 108% |
| IG-CLBZ | 32.41 | 96929 | 608 | 159.42 | 1.0 | 1 | 159.4224 | 153.1 | 104% |
| IG-PDCLBZ | 47.56 | 77382 | 459 | 168.59 | 1.0 | 1 | 168.5891 | 162.3 | 104% |
| UNDECANE | 48.87 | 85224 | 3472 | 24.54 | 1.0 | 1 | 24.5446 | | |
| IG-ODCLBZ | 49.91 | 86891 | 498 | 174.48 | 1.0 | 1 | 174.4801 | 185.5 | 94% |

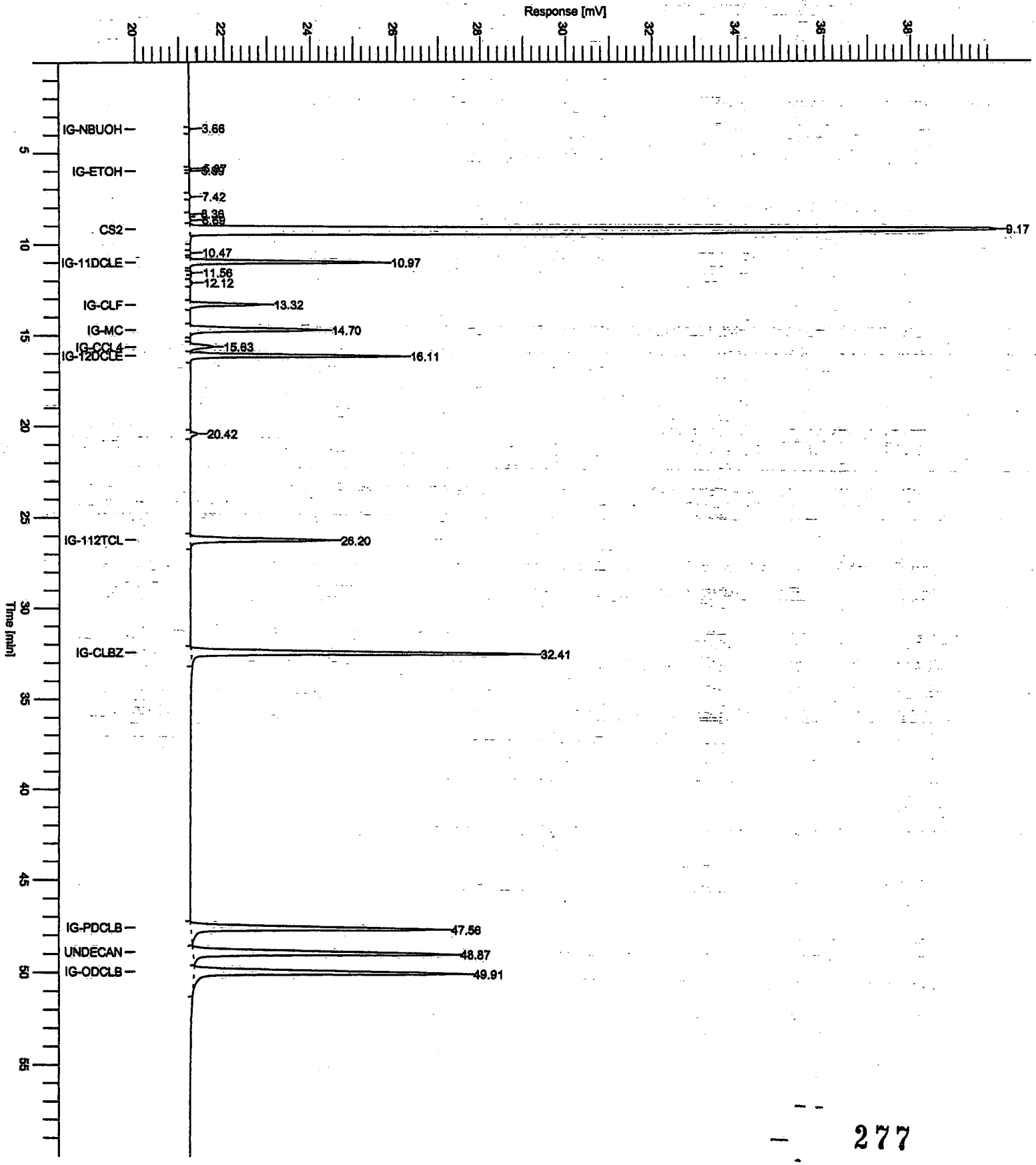
2/26/02 2:10:36 PM Result:

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A003.TX0

# Chromatogram

Sample Name : WG39545-19,IH13005.21 Sample #: 03 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A003.raw
Date : 2/26/02 2:10:41 PM
Method : hp#2 orgprof.mth Time of Injection: 2/26/02 11:41:54 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 2:21:31 PM |
| Operator | : manager | Sample Name | : WG39545-20,IH13364,21 |
| Sample Number | : 04 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/4 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 12:49:31 PM | Cycle | : 4 |

CONT. CAL STD.

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A004.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A004.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

AMEST4 2770
CUME 2770
STY 2770

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

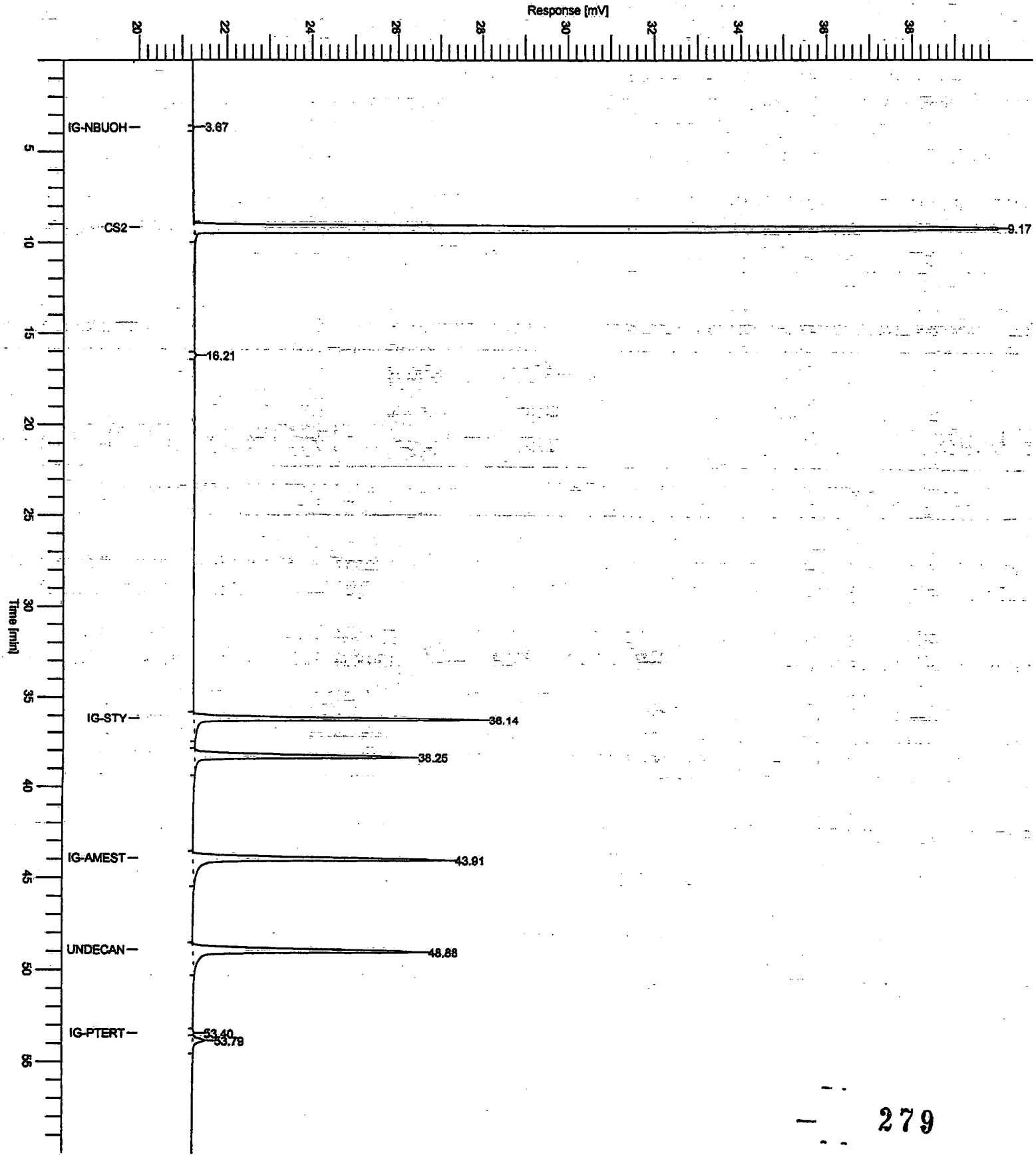
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| IG-NBUOH | 3.67 | 165 | 403 | 0.41 | 1.0 | 1 | 0.4102 | | | | |
| CS2 | 9.17 | 399547 | 1000000 | 0.40 | 1.0 | 1 | 0.3995 | | | | |
| | 16.21 | 312 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | |
| IG-STY | 36.14 | 86673 | 630 | 137.58 | 1.0 | 1 | 137.5770 | | | 131.9 | 104 |
| cume → | 38.25 | 70384 | ~~1000000~~ | 0.07 | 1.0 | 1 | ~~0.0704~~ | 536 | 131.3 | 131.9 | 100 |
| IG-AMEST4 | 43.91 | 85309 | 661 | 129.10 | 1.0 | 1 | 129.0978 | | | 131.9 | 98 |
| UNDECANE | 48.88 | 81199 | 3472 | 23.39 | 1.0 | 1 | 23.3853 | | | | |
| IG-PTERTBUTL | 53.40 | 384 | 658 | 0.58 | 1.0 | 1 | 0.5835 | | | | |
| | 53.79 | 4681 | 1000000 | 0.00 | 1.0 | 1 | 0.0047 | | | | |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A004.TX0

# Chromatogram

Sample Name : WG39545-20,IH13364,21 Sample #: 04 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A004.raw
Date : 2/26/02 2:21:35 PM
Method : hp#2 orgprof.mth Time of Injection: 2/26/02 12:49:31 PM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/28/02 4:17:11 PM |
| Operator | : manager | Sample Name | : WG39545-21,IH12434,21 |
| Sample Number | : 05 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/5 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 1:57:07 PM | Cycle | : 5 |

CONT. CAL. STD.

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A005.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A005.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

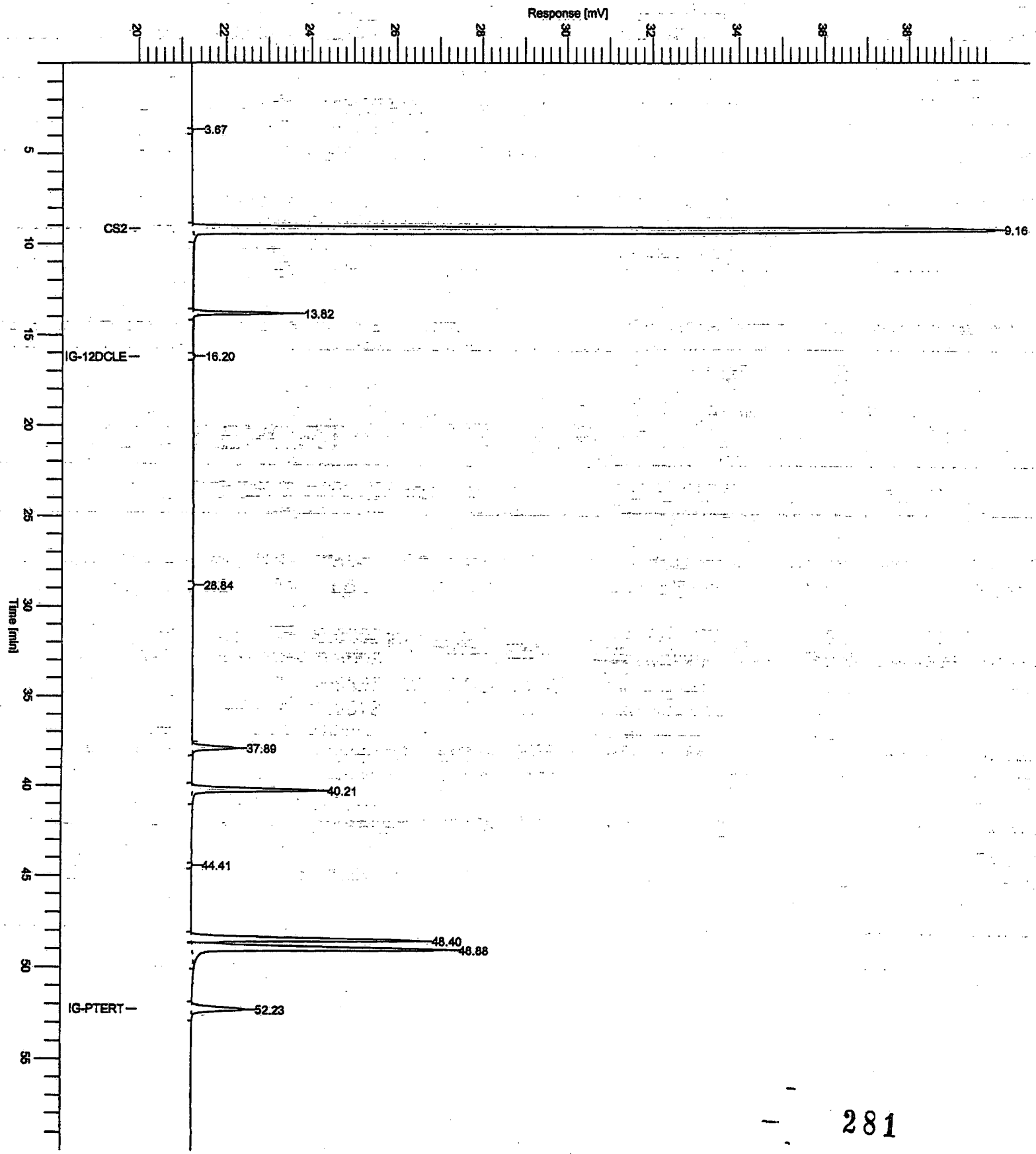
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3.67 | 157 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | | | | |
| CS2 | 9.16 | 399287 | 1000000 | 0.40 | 1.0 | 1 | 0.3993 | | | | |
| CLBRMET → | 13.82 | 19519 | ~~1000000~~ | 0.02 | 1.0 | 1 | ~~0.0195~~ | 75 | 260.3 | 256.3 | 102% |
| IG-12DCLET | 16.20 | 318 | 268 | 1.19 | 1.0 | 1 | 1.1873 | | | | |
| | 28.84 | 300 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | |
| BROF → | 37.89 | 13388 | ~~1000000~~ | 0.01 | 1.0 | 1 | ~~0.0134~~ | 39 | 343.3 | 377.5 | 91% |
| 1235TCLPRP → | 40.21 | 38698 | ~~1000000~~ | 0.04 | 1.0 | 1 | ~~0.0387~~ | 190 | 203.7 | 195.8 | 104% |
| | 44.41 | 119 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 | | | | |
| BZCL → | 48.40 | 69009 | ~~1000000~~ | 0.07 | 1.0 | 1 | ~~0.0690~~ | 512 | 134.8 | 158.5 | 85% |
| | 48.88 | 90894 | ~~1000000~~ | 0.09 | 1.0 | 1 | 0.0909 | | | | |
| ~~IG-PTERTBUTL~~ HXCLETA → | 52.23 | 19195 | ~~658~~ | 29.18 | 1.0 | 1 | ~~29.1846~~ | 121 | 158.6 | 149.1 | 106% |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A005.TX0

# Chromatogram

Sample Name : WG39545-21,IH12434,21 Sample #: 05 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A005.raw
Date : 2/28/02 4:17:16 PM
Method : hp#2 orgprof.mth Time of Injection: 2/26/02 1:57:07 PM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 2:47:51 PM |
| Operator | : manager | Sample Name | : WG39545-22,IH12898,11 |
| Sample Number | : 16 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/16 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 2:20:45 AM | Cycle | : 16 |

CONT. CAL. STD.

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A016.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A016.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A016.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

CIS12DCLETE 3843
TRANS12DCLETE 3744

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

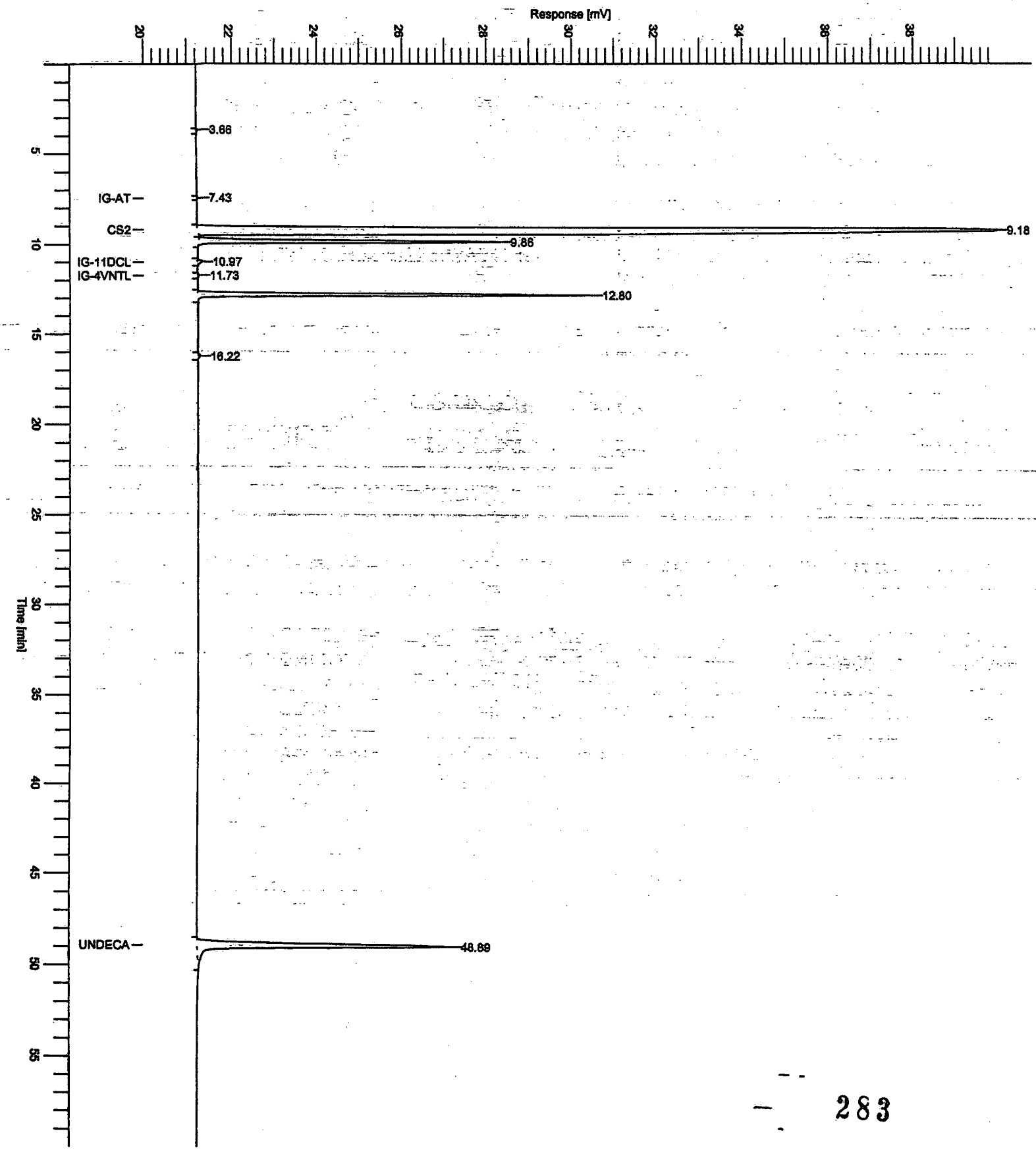
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3.66 | 185 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | RF | conc | exp | %rec |
| CS2 | 9.18 | 400139 | 1000000 | 0.40 | 1.0 | 1 | 0.4001 | | | | |
| ~~TRANS12DCLETE~~ → | 9.86 | 64809 | ~~1000000~~ | 0.06 | 1.0 | 1 | ~~0.0648~~ 188 | | 344.7 | 340.4 | 101% |
| IG-11DCLET | 10.97 | 755 | 229 | 3.30 | 1.0 | 1 | 3.2986 | | | | |
| IG-4VNTL | 11.73 | 159 | 83 | 1.91 | 1.0 | 1 | 1.9086 | | | | |
| CIS12DCLETE → | 12.80 | 78083 | ~~1000000~~ | 0.08 | 1.0 | 1 | ~~0.0781~~ 237 | | ~~3194~~ 329.5 | 3234.9.4 | 94% |
| | 16.22 | 418 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | | | | |
| UNDECANE | 48.89 | 88276 | 3472 | 25.42 | 1.0 | 1 | 25.4236 | | | | |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A016.TX0

# Chromatogram

Sample Name : WG39545-22,IH12898,11 Sample #: 18 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A018.raw
Date : 2/27/02 2:47:55 PM
Method : hp#2 orgprof Time of Injection: 2/27/02 2:20:45 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 5:19:27 PM |
| Operator | : manager | Sample Name | : WG39545-23,IH13005,11 |
| Sample Number | : 17 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/17 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 3:27:38 AM | Cycle | : 17 |

CONT. CAL. STD.

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A017.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A017.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|
| IG-ETOH | 5.90 | 518 | 223 | 2.32 | 1.0 | 1 | 2.3230 | | |
| | 6.02 | 161 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | | |
| | 7.45 | 587 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | | |
| IG-BZ | 8.73 | 356 | 865 | 0.41 | 1.0 | 1 | 0.4115 | | |
| CS2 | 9.20 | 400188 | 1000000 | 0.40 | 1.0 | 1 | 0.4002 | | |
| IG-CYHX | 10.50 | 208 | 656 | 0.32 | 1.0 | 1 | 0.3167 | | |
| IG-11DCLET | 11.01 | 71475 | 229 | 312.12 | 1.0 | 1 | 312.1170 | 309.9 | 101% |
| IG-NBUOH | 11.60 | 495 | 403 | 1.23 | 1.0 | 1 | 1.2292 | | |
| | 11.76 | 375 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | | |
| | 12.15 | 936 | 1000000 | 0.00 | 1.0 | 1 | 0.0009 | | |
| IG-CLF | 13.37 | 27875 | 75 | 371.66 | 1.0 | 1 | 371.6606 | 389.6 | 95% |
| IG-MC | 14.75 | 66609 | 192 | 346.92 | 1.0 | 1 | 346.9224 | 345.4 | 100% |
| IG-CCL4 | 15.68 | 11287 | 28 | 403.12 | 1.0 | 1 | 403.1243 | 425.1 | 95% |
| IG-12DCLET | 16.17 | 81749 | 268 | 305.03 | 1.0 | 1 | 305.0329 | 336.5 | 91% |
| | 20.49 | 2779 | 1000000 | 0.00 | 1.0 | 1 | 0.0028 | | |
| IG-112TCLET | 26.29 | 69370 | 181 | 383.26 | 1.0 | 1 | 383.2578 | 371.9 | 103% |
| IG-CLBZ | 32.52 | 177174 | 608 | 291.40 | 1.0 | 1 | 291.4046 | 292.3 | 100% |
| IG-PDCLBZ | 47.69 | 143524 | 459 | 312.69 | 1.0 | 1 | 312.6891 | 309.9 | 101% |
| UNDECANE | 49.01 | 88973 | 3472 | 25.62 | 1.0 | 1 | 25.6244 | | |
| IG-ODCLBZ | 50.06 | 164401 | 498 | 330.12 | 1.0 | 1 | 330.1226 | 354.2 | 93% |

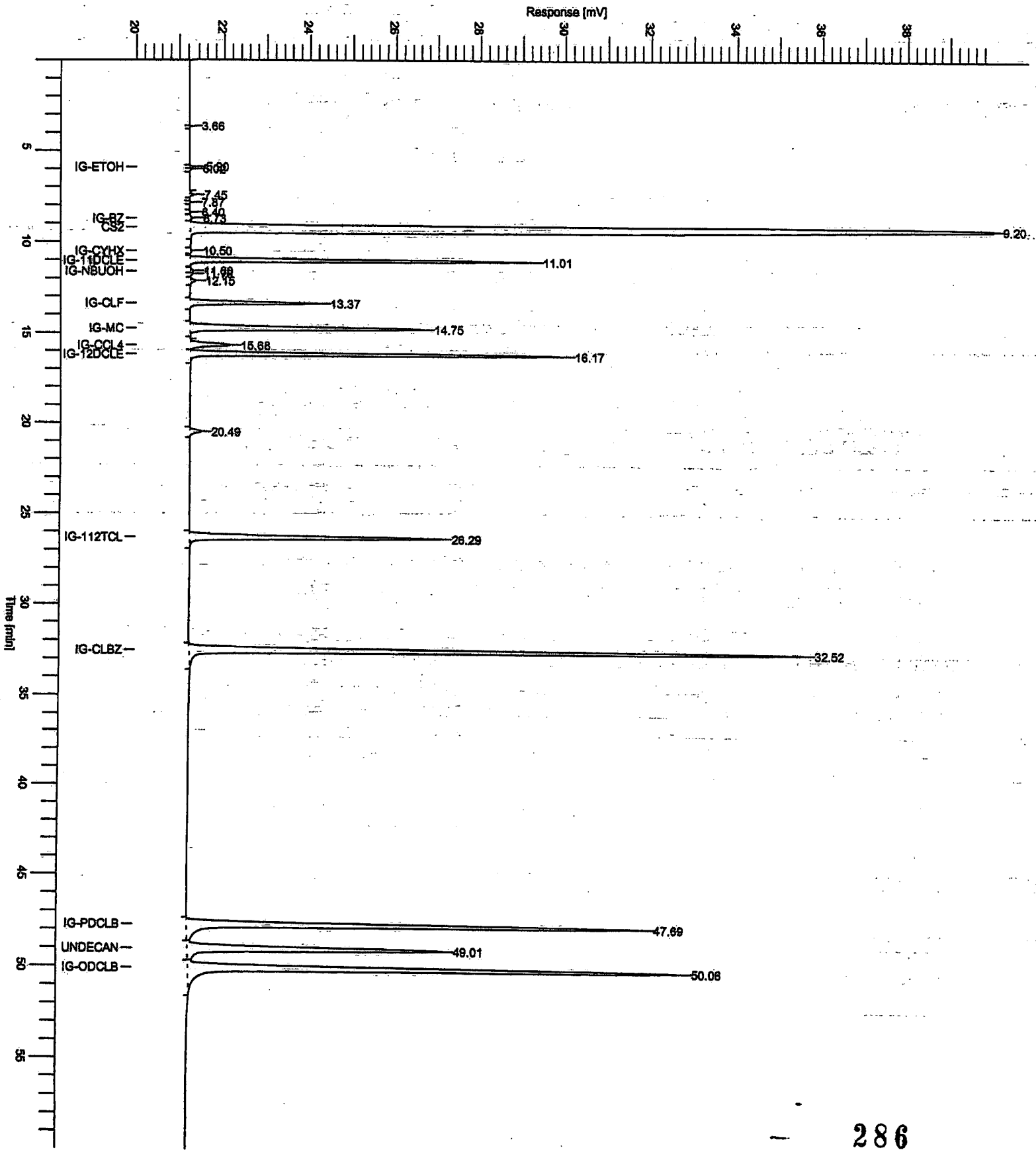
2/27/02 5:19:27 PM Result:

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A017.TX0

# Chromatogram

Sample Name : WG39545-23,IH13O05,11 Sample #: 17 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-Z\022602A017.raw
Date : 2/27/02 5:19:32 PM
Method : hp#2 orgprof.mth Time of Injection: 2/27/02 3:27:38 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 5:20:43 PM |
| Operator | : manager | Sample Name | : WG39545-24,IH13364,11 |
| Sample Number | : 18 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/18 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 4:34:22 AM | Cycle | : 18 |

CONT. CAL. STD.

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A018.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A018.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

AMEST4 2770
CUME 2770
STY 2770

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

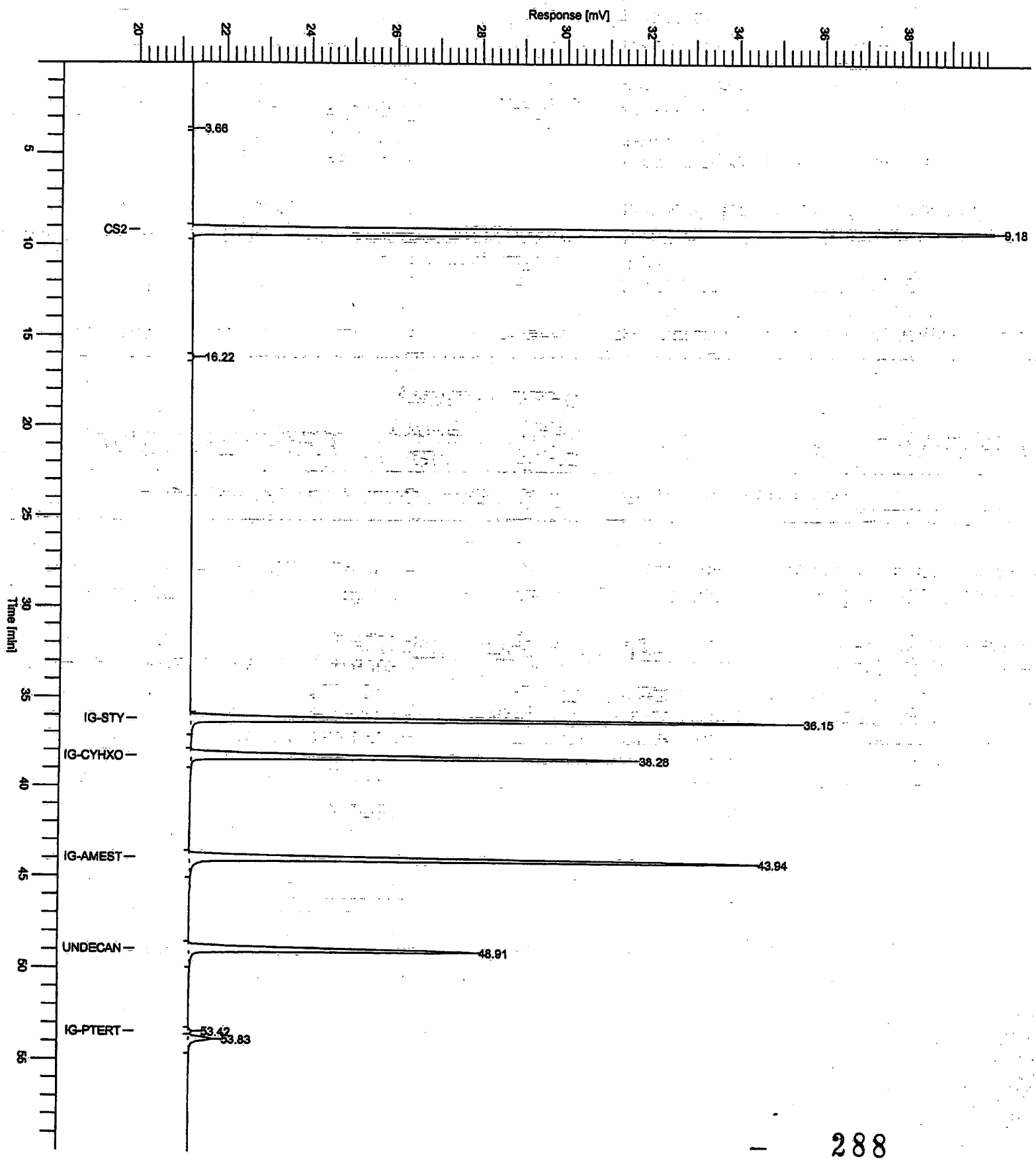
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CS2 | 9.18 | 403275 | 1000000 | 0.40 | 1.0 | 1 | 0.4033 | | | | |
| | 16.22 | 323 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | |
| IG-STY | 36.15 | 172095 | 630 | 273.17 | 1.0 | 1 | 273.1661 | | | 251.8 | 108 |
| ~~IG-CYHXONE~~ CUME | 38.28 | 138888 | ~~475~~ | 292.62 | 1.0 | 1 | ~~292.6191~~ 536 | | 259.1 | 251.8 | 103 |
| IG-AMEST4 | 43.94 | 170414 | 661 | 257.89 | 1.0 | 1 | 257.8863 | | | 251.8 | 102 |
| UNDECANE | 48.91 | 92580 | 3472 | 26.66 | 1.0 | 1 | 26.6631 | | | | |
| IG-PTERTBUTL | 53.42 | 861 | 658 | 1.31 | 1.0 | 1 | 1.3092 | | | | |
| | 53.83 | 9195 | 1000000 | 0.01 | 1.0 | 1 | 0.0092 | | | | |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A018.TX0

# Chromatogram

Sample Name : WG39545-24,IH13364,11 Sample #: 18 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022802A018.raw
Date : 2/27/02 5:20:47 PM
Method : hp#2 orgprof.mth Time of Injection: 2/27/02 4:34:22 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/28/02 4:16:42 PM |
| Operator | : manager | Sample Name | : WG39545-25,IH12434,11 |
| Sample Number | : 19 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/19 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/27/02 5:41:01 AM | Cycle | : 19 |

CONT. CAL. STD.

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A019.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A019.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

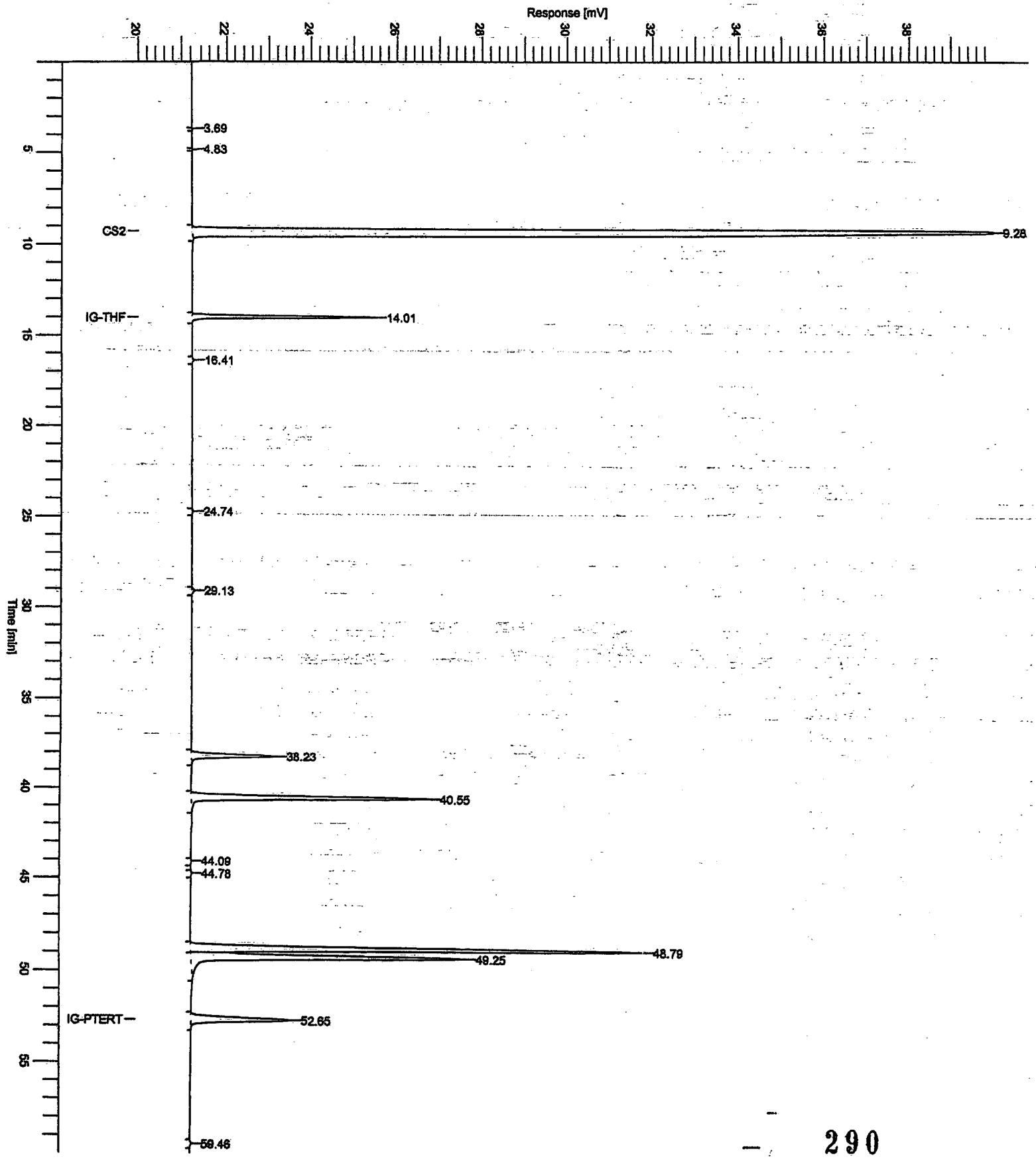
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CS2 | 9.28 | 403138 | 1000000 | 0.40 | 1.0 | 1 | 0.4031 | | | | |
| ~~IG-THF~~ CLBRNET → | 14.01 | 35587 | ~~420~~ | 84.69 | 1.0 | 1 | ~~84.6946~~ 75 | | 474.5 | 489.4 | 97% |
| | 16.41 | 339 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | |
| | 24.74 | 214 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | | | | |
| | 29.13 | 573 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | | | | |
| BROF → | 38.23 | 25590 | ~~1000000~~ | 0.03 | 1.0 | 1 | ~~0.02563~~ 9 | | 656.2 | 720.7 | 91% |
| 123TCLPRP → | 40.55 | 72552 | ~~1000000~~ | 0.07 | 1.0 | 1 | ~~0.0726~~ 90 | | 381.9 | 373.7 | 102% |
| | 44.09 | 207 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | | | | |
| | 44.78 | 278 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | |
| BZCL → | 48.79 | 133671 | ~~1000000~~ | 0.13 | 1.0 | 1 | ~~0.1337~~ 512 | | 261.1 | 302.5 | 86% |
| LIND → | 49.25 | 97289 | 1000000 | 0.10 | 1.0 | 1 | 0.0973 | | | | |
| ~~IG-PTERTBUTL~~ → | 52.65 | 35589 | ~~658~~ | 54.11 | 1.0 | 1 | ~~54.1110~~ 121 | | 294.1 | 284.7 | 105% |
| HXCLETA → | 59.46 | 350 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A019.TX0

# Chromatogram

Sample Name : WG39545-25,IH12434,11 Sample #: 19 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A019.raw
Date : 2/28/02 4:16:47 PM
Method : hp#2 orgprof.mth Time of Injection: 2/27/02 5:41:01 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/28/02 3:47:04 PM |
| Operator | : manager | Sample Name | : WG39545-26,IH12898,21 |
| Sample Number | : 42 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/42 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/28/02 7:35:14 AM | Cycle | : 42 |

CONT. CAL. STD.

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A042.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A042.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A042.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

CIS12DCLETE 3843
TRANS12DCLETE 3744

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

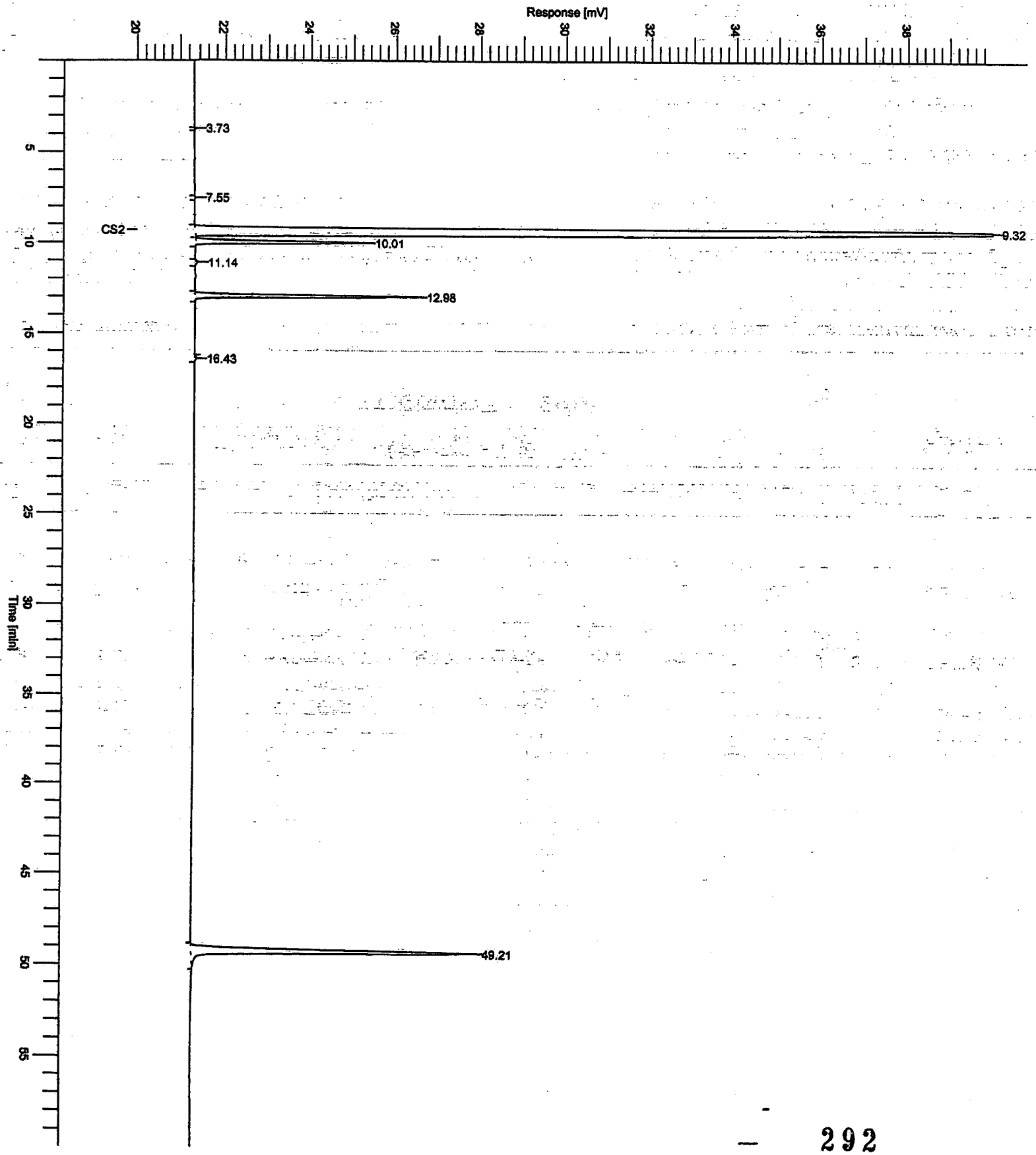
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CS2 | 9.32 | 421592 | 1000000 | 0.42 | 1.0 | 1 | 0.4216 | | | | |
| TRANS12DCLETE → | 10.01 | 36207 | ~~1000000~~ | 0.04 | 1.0 | 1 | ~~0.0362~~ | 188 | 192.6 | 178.3 | 108% |
| | 11.14 | 414 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | | | | |
| CIS12DCLETE → | 12.98 | 43471 | ~~1000000~~ | 0.04 | 1.0 | 1 | ~~0.0435~~ | 237 | 183.4 | 183.0 | 100% |
| | 16.43 | 372 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | | | | |
| | 49.21 | 93943 | 1000000 | 0.09 | 1.0 | 1 | 0.0939 | | | | |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A042.TX0

# Chromatogram

Sample Name : WG39545-26,IH12898,21 Sample #: 42 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A042.raw
Date : 2/28/02 3:47:08 PM
Method : hp#2 orgprof Time of Injection: 2/28/02 7:35:14 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/28/02 3:51:32 PM |
| Operator | : manager | Sample Name | : WG39545-27,IH13005,21 |
| Sample Number | : 43 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/43 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/28/02 9:15:35 AM | Cycle | : 43 |

CONT. CAL STD.

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A043.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A043.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|
| IG-ETOH | 5.91 | 263 | 223 | 1.18 | 1.0 | 1 | 1.1804 | | |
| IG-AT | 7.43 | 328 | 318 | 1.03 | 1.0 | 1 | 1.0293 | | |
| | 8.73 | 188 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | | |
| CS2 | 9.22 | 405105 | 1000000 | 0.41 | 1.0 | 1 | 0.4051 | | |
| | 10.51 | 114 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 | | |
| IG-11DCLET | 11.01 | 39355 | 229 | 171.85 | 1.0 | 1 | 171.8538 | 162.3 | 106% |
| | 11.60 | 133 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 | | |
| IG-NBUOH | 12.15 | 517 | 403 | 1.28 | 1.0 | 1 | 1.2825 | | |
| IG-CLF | 13.36 | 15425 | 75 | 205.67 | 1.0 | 1 | 205.6727 | 204.1 | 101% |
| IG-MC | 14.74 | 37037 | 192 | 192.90 | 1.0 | 1 | 192.9008 | 180.9 | 107% |
| IG-CCL4 | 15.67 | 6374 | 28 | 227.63 | 1.0 | 1 | 227.6304 | 222.7 | 102% |
| IG-12DCLET | 16.16 | 45599 | 268 | 170.15 | 1.0 | 1 | 170.1470 | 176.3 | 97% |
| | 20.47 | 1557 | 1000000 | 0.00 | 1.0 | 1 | 0.0016 | | |
| IG-112TCLET | 26.27 | 38965 | 181 | 215.27 | 1.0 | 1 | 215.2748 | 194.8 | 111% |
| IG-CLBZ | 32.48 | 100867 | 608 | 165.90 | 1.0 | 1 | 165.9003 | 153.1 | 108% |
| IG-PDCLBZ | 47.63 | 84667 | 459 | 184.46 | 1.0 | 1 | 184.4587 | 162.3 | 114% |
| UNDECANE | 48.94 | 96602 | 3472 | 27.82 | 1.0 | 1 | 27.8213 | | |
| IG-ODCLBZ | 49.99 | 94458 | 498 | 189.68 | 1.0 | 1 | 189.6752 | 185.5 | 102% |

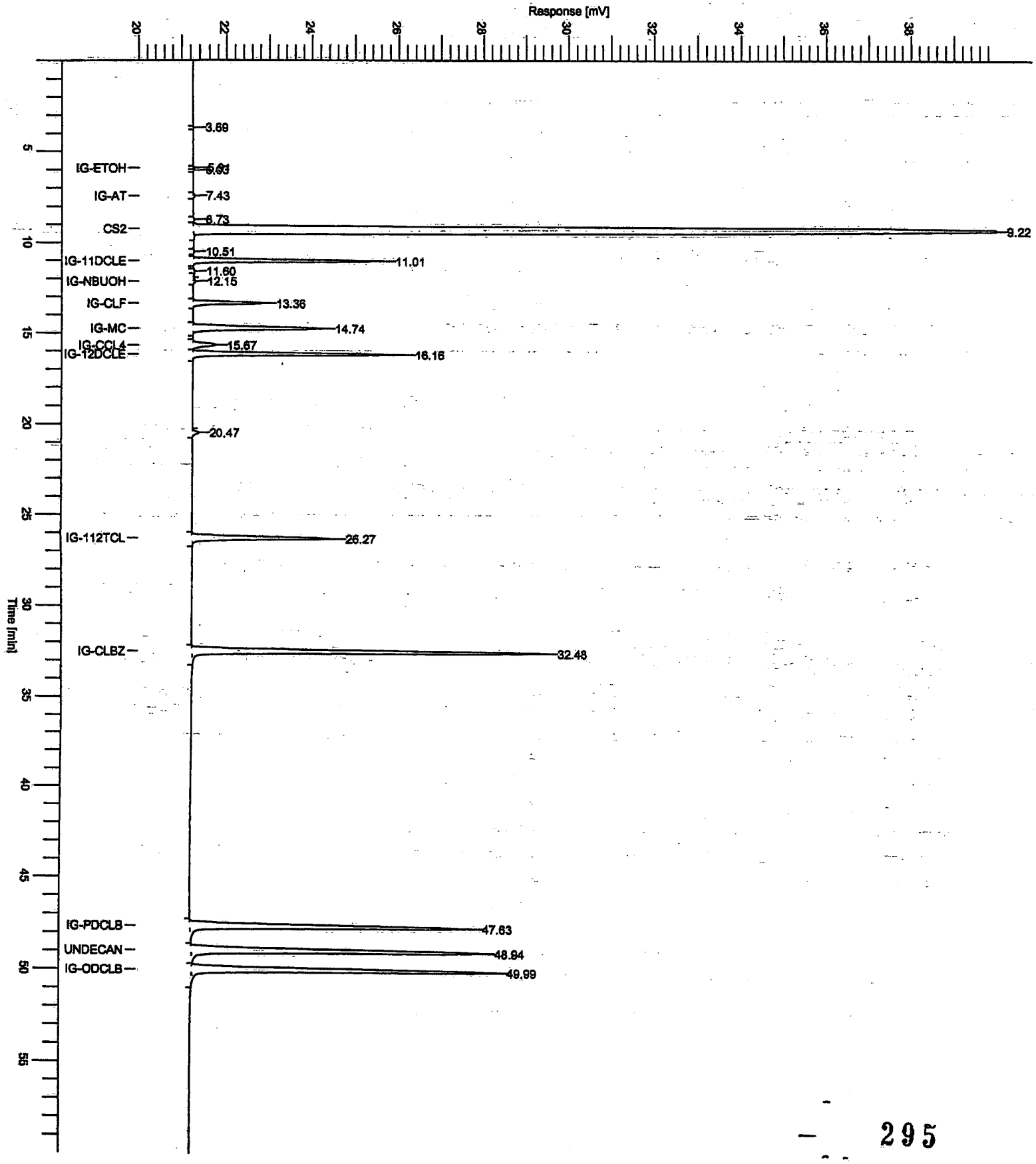
Reviewed by:_____ Date:_____

2/28/02 3:51:32 PM Result:

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A043.TX0

# Chromatogram

Sample Name : WG39545-27,IH13005,21 Sample #: 43 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A043.raw
Date : 2/28/02 3:51:36 PM
Method : hp#2 orgprof.mth Time of Injection: 2/28/02 9:15:35 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/28/02 3:52:32 PM |
| Operator | : manager | Sample Name | : WG39545-28,IH13364,21 |
| Sample Number | : 44 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/44 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/28/02 10:23:13 AM | Cycle | : 44 |

CONT. CAL. STD.

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A044.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A044.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

AMEST4 2770
CUME 2770
STY 2770

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

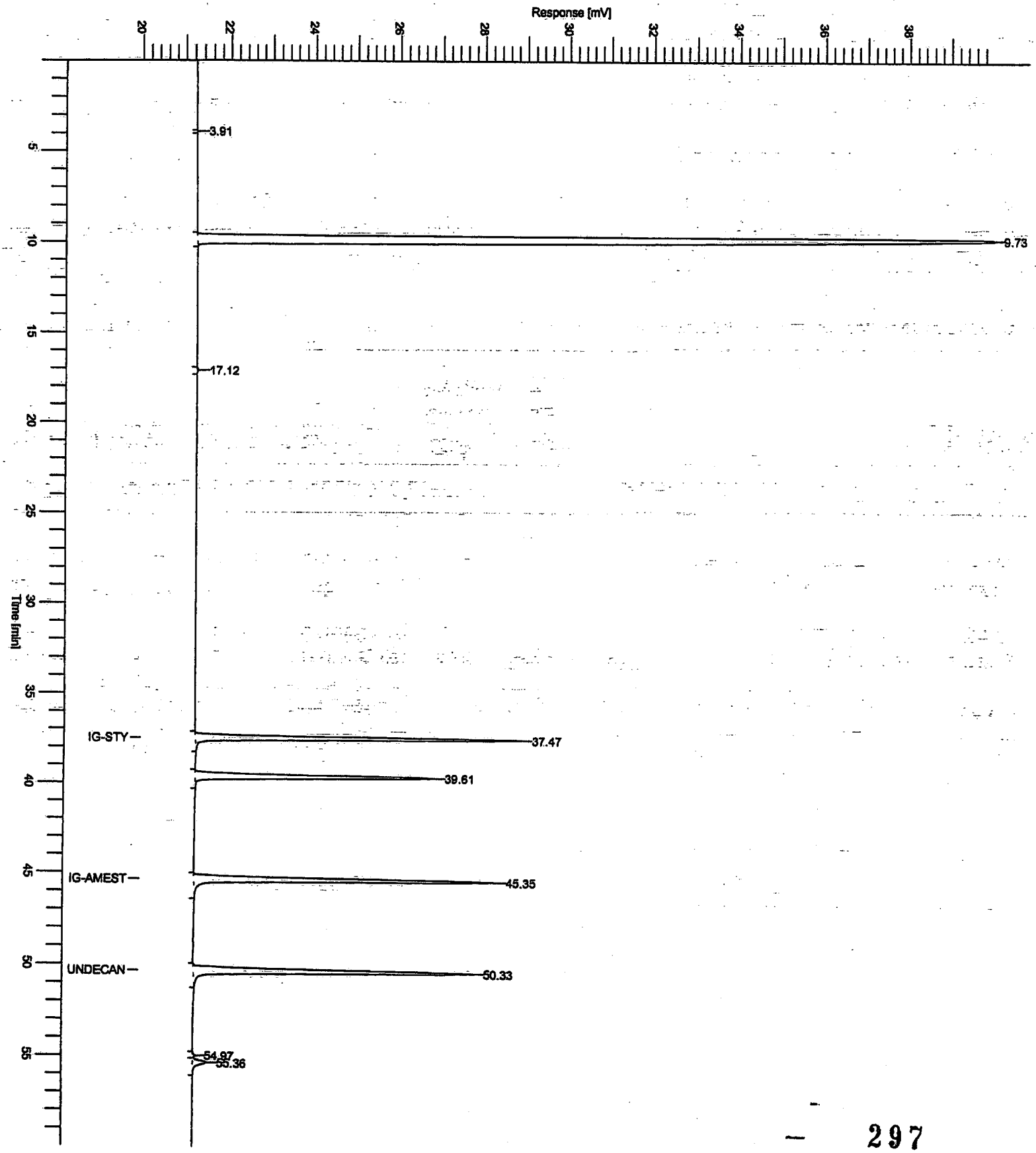
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 9.73 | 408622 | 1000000 | 0.41 | 1.0 | 1 | 0.4086 | | | | |
| | 17.12 | 319 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | |
| IG-STY | 37.47 | 91943 | 630 | 145.94 | 1.0 | 1 | 145.9409 | | | 131.9 | 111% |
| CUME → | 39.61 | 74669 | ~~1000000~~ | 0.07 | 1.0 | 1 | ~~0.0747~~ | 536 | 139.3 | 131.9 | 106% |
| IG-AMEST4 | 45.35 | 91517 | 661 | 138.49 | 1.0 | 1 | 138.4923 | | | 131.9 | 105% |
| UNDECANE | 50.33 | 91018 | 3472 | 26.21 | 1.0 | 1 | 26.2132 | | | | |
| | 54.97 | 549 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | | | | |
| | 55.36 | 5489 | 1000000 | 0.01 | 1.0 | 1 | 0.0055 | | | | |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A044.TX0

# Chromatogram

Sample Name : WG39545-28,IH13364,21 Sample #: 44 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A044.raw
Date : 2/28/02 3:52:36 PM
Method : hp#2 orgprof.mth Time of Injection: 2/28/02 10:23:13 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/28/02 3:47:15 PM |
| Operator | : manager | Sample Name | : WG39545-29,IH12434,21 |
| Sample Number | : 45 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/45 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/28/02 11:31:00 AM | Cycle | : 45 |

CONT. CAL. STD.

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A045.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A045.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A045.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

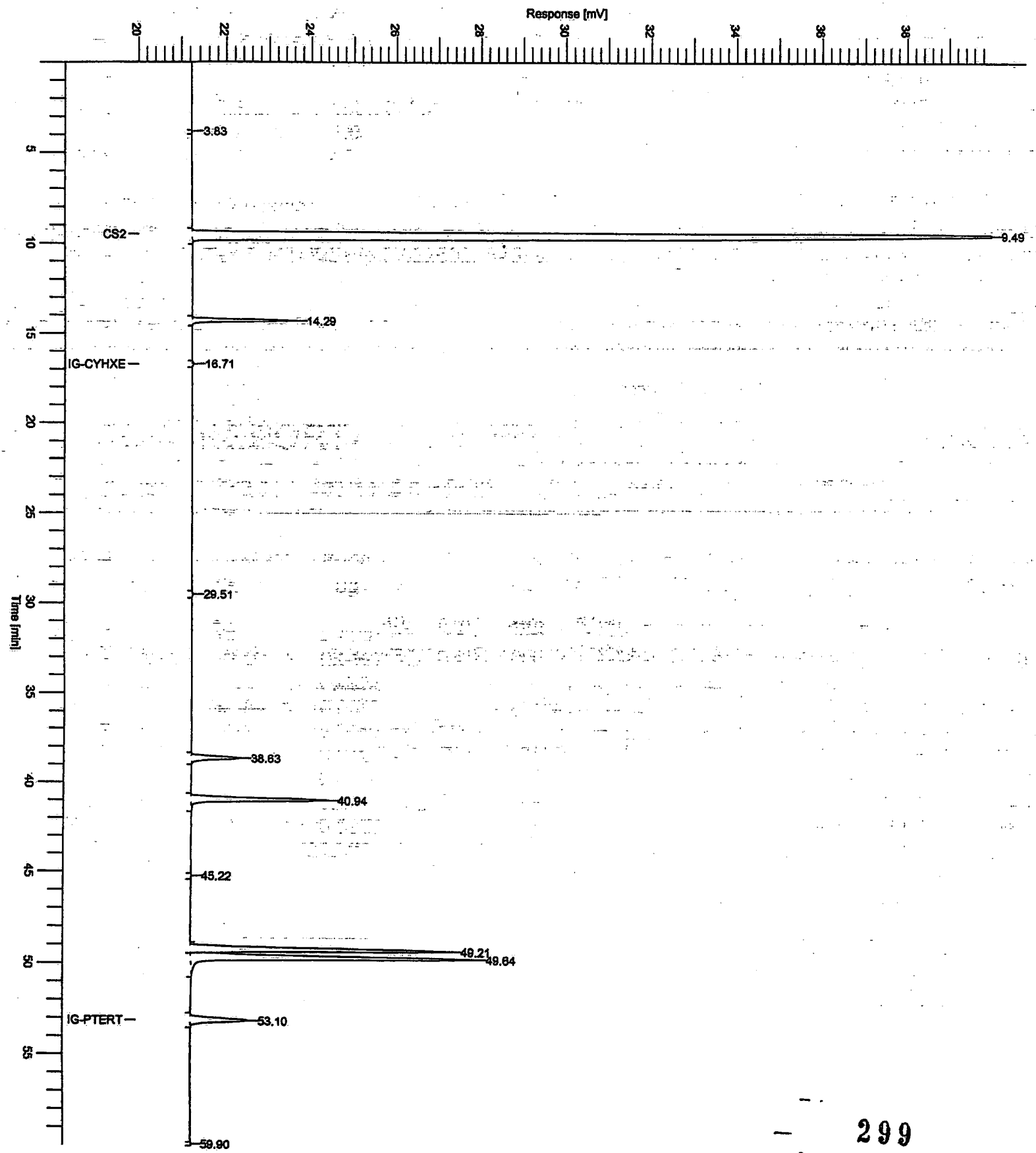
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CS2 | 9.49 | 403812 | 1000000 | 0.40 | 1.0 | 1 | 0.4038 | | | | |
| CLBRMET → | 14.29 | 19865 | ~~1000000~~ | 0.02 | 1.0 | 1 | ~~0.0199~~ | 75 | 264.9 | 256.3 | 103% |
| IG-CYHXE | 16.71 | 314 | 724 | 0.43 | 1.0 | 1 | 0.4338 | | | | |
| | 29.51 | 297 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | |
| BROF → | 38.63 | 14309 | ~~1000000~~ | 0.01 | 1.0 | 1 | ~~0.0143~~ | 39 | 366.9 | 377.5 | 97% |
| 123TCLPRP → | 40.94 | 40633 | ~~1000000~~ | 0.04 | 1.0 | 1 | ~~0.0406~~ | 190 | 213.9 | 195.8 | 109% |
| | 45.22 | 122 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 | | | | |
| BZCL → | 49.21 | 76366 | ~~1000000~~ | 0.08 | 1.0 | 1 | ~~0.0764~~ | 512 | 149.2 | 158.5 | 94% |
| | 49.64 | 95560 | 1000000 | 0.10 | 1.0 | 1 | 0.0956 | | | | |
| ~~IG-PTERTBUTL~~ HXCLETA → | 53.10 | 19900 | ~~658~~ | 30.26 | 1.0 | 1 | ~~30.2566~~ | 121 | 164.5 | 149.1 | 110% |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A045.TX0

# Chromatogram

Sample Name : WG39545-29,IH12434,21 Sample #: 45 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A045.raw
Date : 2/28/02 3:47:19 PM
Method : hp#2 orgprof Time of Injection: 2/28/02 11:31:00 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:29:43 AM |
| Operator | : manager | Sample Name | : WG39545-30,IH12898,11 |
| Sample Number | : 56 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/56 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 12:52:28 AM | Cycle | : 56 |

CONT. CAL. STD.

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A056.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A056.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A056.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

C1S12DCLETE 3843

# ANALYTICAL REPORT

TRANS12DCLETE 3744

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

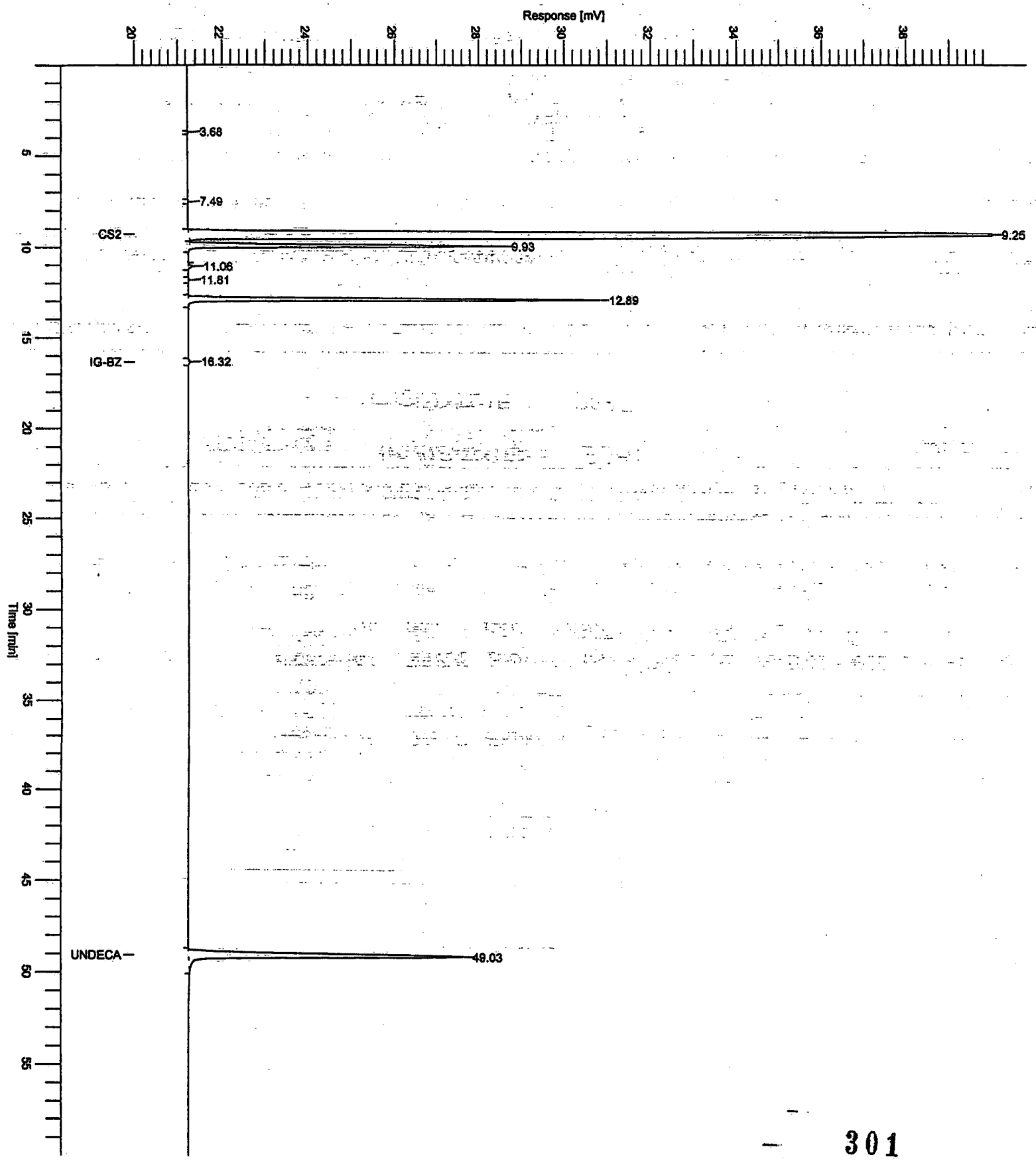
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CS2 | 9.25 | 405790 | 1000000 | 0.41 | 1.0 | 1 | 0.4058 | | | | |
| ~~CIS12DCLETE~~ TRANS → | 9.93 | 66549 | ~~1000000~~ | 0.07 | 1.0 | 1 | ~~0.0665~~ | 188 | 353.98 | 340.4 | 104% |
| | 11.06 | 777 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 | | | | |
| | 11.81 | 165 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | | | | |
| ~~TRANS~~ CIS12DCLETE → | 12.89 | 80489 | ~~1000000~~ | 0.08 | 1.0 | 1 | ~~0.0805~~ | 237 | 339.6 | 349.4 | 97% |
| IG-BZ | 16.32 | 411 | 865 | 0.48 | 1.0 | 1 | 0.4752 | | | | |
| UNDECANE | 49.03 | 91854 | 3472 | 26.45 | 1.0 | 1 | 26.4539 | | | | |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A056.TX0

# Chromatogram

Sample Name : WG39545-30,IH12B98,11 Sample #: 56 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A056.raw
Date : 3/4/02 10:29:47 AM
Method : hp#2 orgprof Time of Injection: 3/1/02 12:52:28 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:49:07 AM |
| Operator | : manager | Sample Name | : WG39545-31,IH13005,11 |
| Sample Number | : 57 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/57 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 1:59:15 AM | Cycle | : 57 |

CONT. CAL STD.

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A057.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A057.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|
| | 3.68 | 103 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 | | |
| IG-ETOH | 5.94 | 537 | 223 | 2.41 | 1.0 | 1 | 2.4082 | | |
| | 6.06 | 179 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | | |
| | 7.50 | 607 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | | |
| | 8.78 | 398 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | | |
| CS2 | 9.27 | 406755 | 1000000 | 0.41 | 1.0 | 1 | 0.4068 | | |
| | 10.57 | 216 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | | |
| IG-11DCLET | 11.08 | 73776 | 229 | 322.17 | 1.0 | 1 | 322.1657 | 309.9 | 104% |
| IG-4VNTL | 11.67 | 554 | 222 | 2.49 | 1.0 | 1 | 2.4925 | | |
| IG-NBUOH | 11.82 | 365 | 403 | 0.91 | 1.0 | 1 | 0.9064 | | |
| IG-MEK | 12.22 | 971 | 385 | 2.52 | 1.0 | 1 | 2.5217 | | |
| IG-CLF | 13.43 | 28471 | 75 | 379.62 | 1.0 | 1 | 379.6161 | 389.6 | 97% |
| IG-MC | 14.82 | 68933 | 192 | 359.02 | 1.0 | 1 | 359.0247 | 345.4 | 104% |
| IG-CCL4 | 15.76 | 12257 | 28 | 437.74 | 1.0 | 1 | 437.7358 | 425.1 | 105% |
| IG-12DCLET | 16.25 | 84793 | 268 | 316.39 | 1.0 | 1 | 316.3921 | 336.5 | 94% |
| | 20.57 | 2906 | 1000000 | 0.00 | 1.0 | 1 | 0.0029 | | |
| IG-112TCLET | 26.37 | 71466 | 181 | 394.84 | 1.0 | 1 | 394.8418 | 371.9 | 106% |
| IG-CLBZ | 32.61 | 184635 | 608 | 303.68 | 1.0 | 1 | 303.6760 | 292.3 | 104% |
| IG-PDCLBZ | 47.78 | 150646 | 459 | 328.20 | 1.0 | 1 | 328.2049 | 309.9 | 106% |
| UNDECANE | 49.09 | 90666 | 3472 | 26.11 | 1.0 | 1 | 26.1117 | | |
| IG-ODCLBZ | 50.14 | 168263 | 498 | 337.88 | 1.0 | 1 | 337.8769 | 354.2 | 95% |

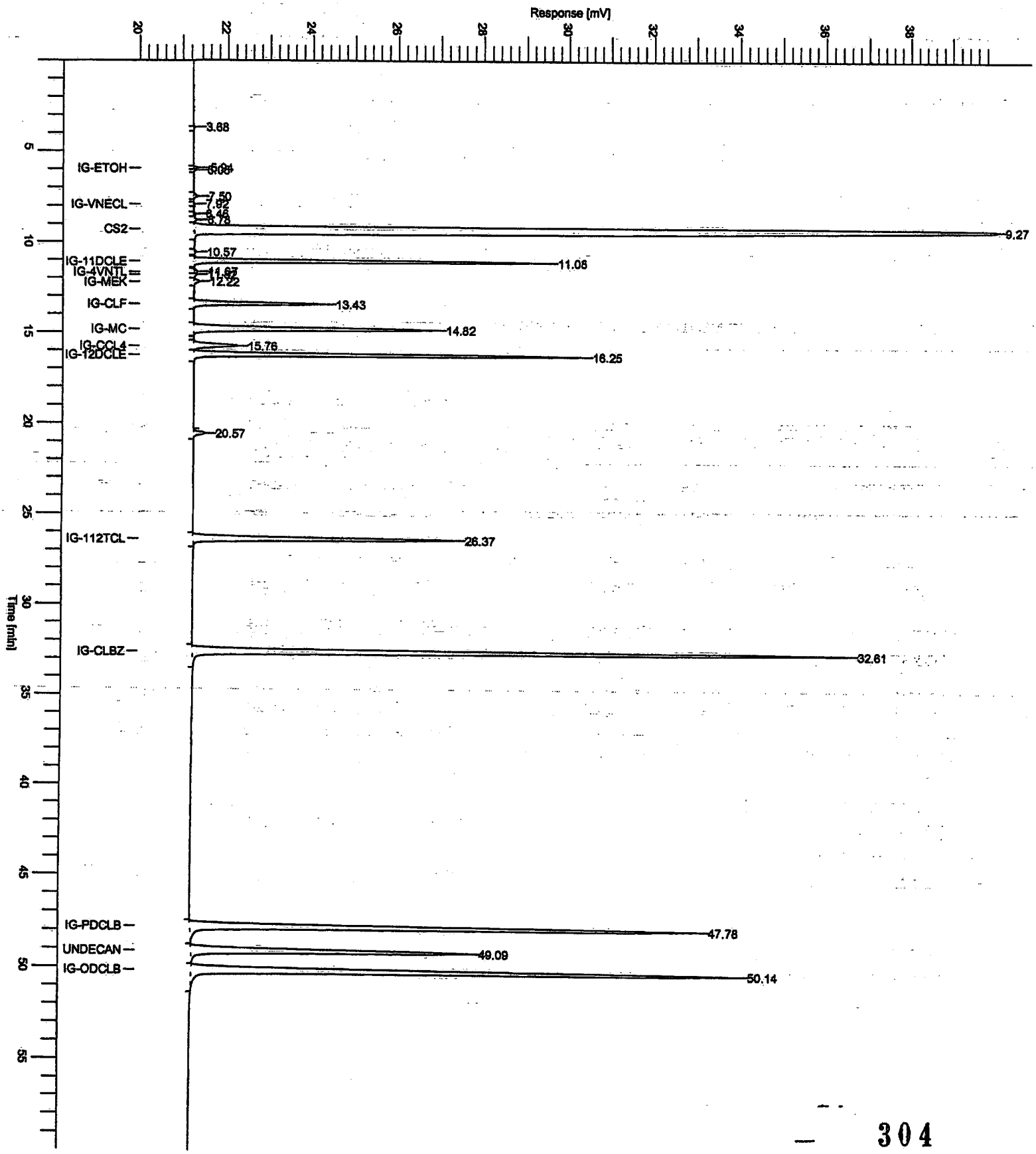
3/4/02 10:49:07 AM Result:

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A057.TX0

# Chromatogram

Sample Name : WG39545-31,IH13005,11 Sample #: 57 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A057.raw
Date : 3/4/02 10:49:12 AM
Method : hp#2 orgprof.mth Time of Injection: 3/1/02 1:59:15 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:49:53 AM |
| Operator | : manager | Sample Name | : WG39545-32,IH13364,11 |
| Sample Number | : 58 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/58 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 3:06:08 AM | Cycle | : 58 |

CONT. CAL STD.

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A058.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A058.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

AMEST4 2770
CUME 2770
STY 2770

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

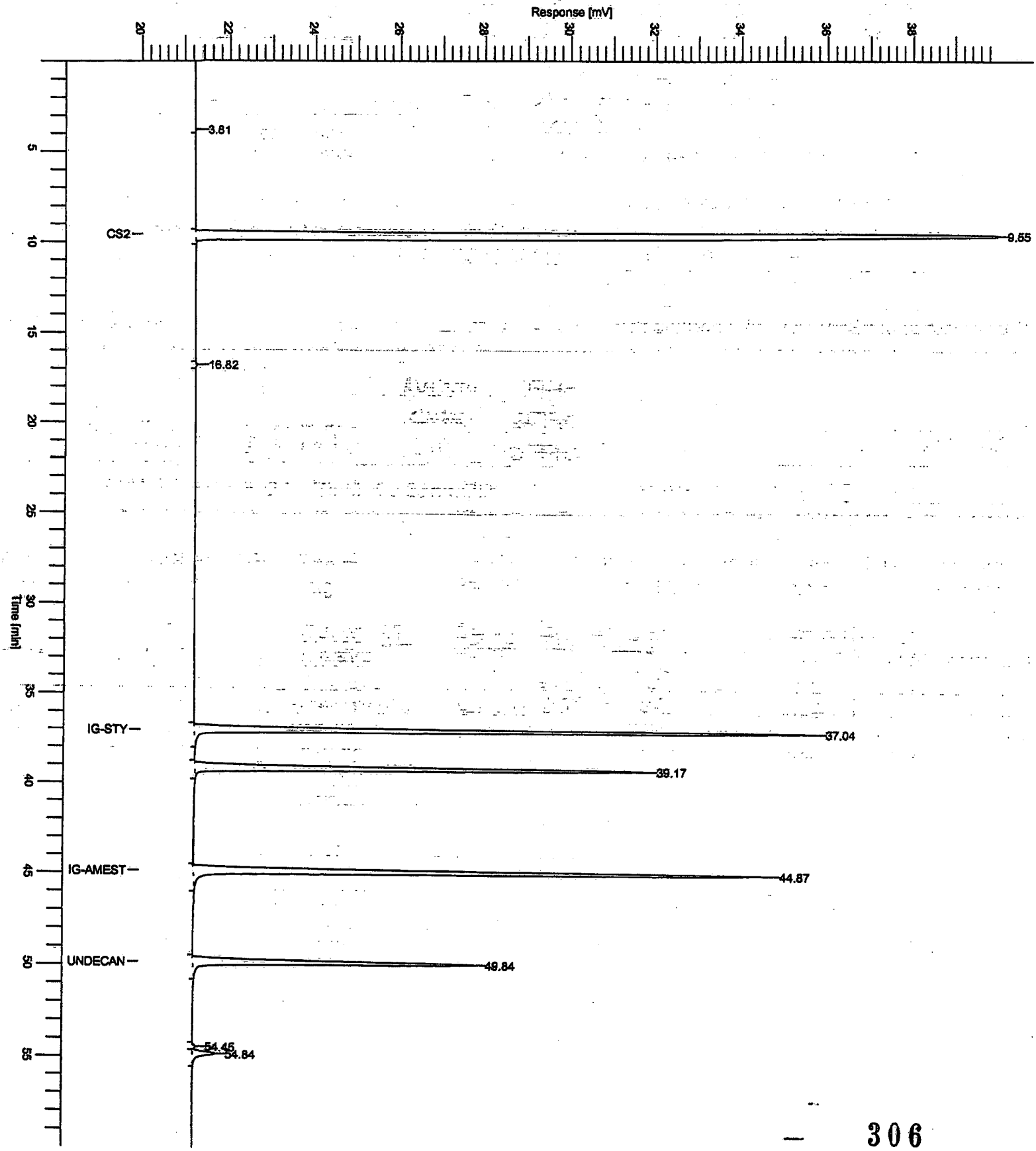
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CS2 | 9.55 | 409596 | 1000000 | 0.41 | 1.0 | 1 | 0.4096 | | | | |
| | 16.82 | 322 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | |
| IG-STY | 37.04 | 175141 | 630 | 278.00 | 1.0 | 1 | 278.0016 | | | 261.8 | 110% |
| CUME → | 39.17 | 140981 | 1~~000000~~ | 0.14 | 1.0 | 1 | ~~0.1410~~ 636 | | 263.0 | 251.8 | 104% |
| IG-AMEST4 | 44.87 | 173473 | 661 | 262.52 | 1.0 | 1 | 262.5151 | | | 251.8 | 104% |
| UNDECANE | 49.84 | 91768 | 3472 | 26.43 | 1.0 | 1 | 26.4292 | | | | |
| | 54.45 | 843 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 | | | | |
| | 54.84 | 8964 | 1000000 | 0.01 | 1.0 | 1 | 0.0090 | | | | |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A058.TX0

# Chromatogram

Sample Name : WG39545-32,IH133364,11 Sample #: 58 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A058.raw
Date : 3/4/02 10:49:57 AM
Method : hp#2 orgprof.mth Time of Injection: 3/1/02 3:06:08 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:30:00 AM |
| Operator | : manager | Sample Name | : WG39545-33,IH12434,11 |
| Sample Number | : 59 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/59 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 4:13:01 AM | Cycle | : 59 |

CONT. CAL. STD.

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A059.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A059.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A059.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

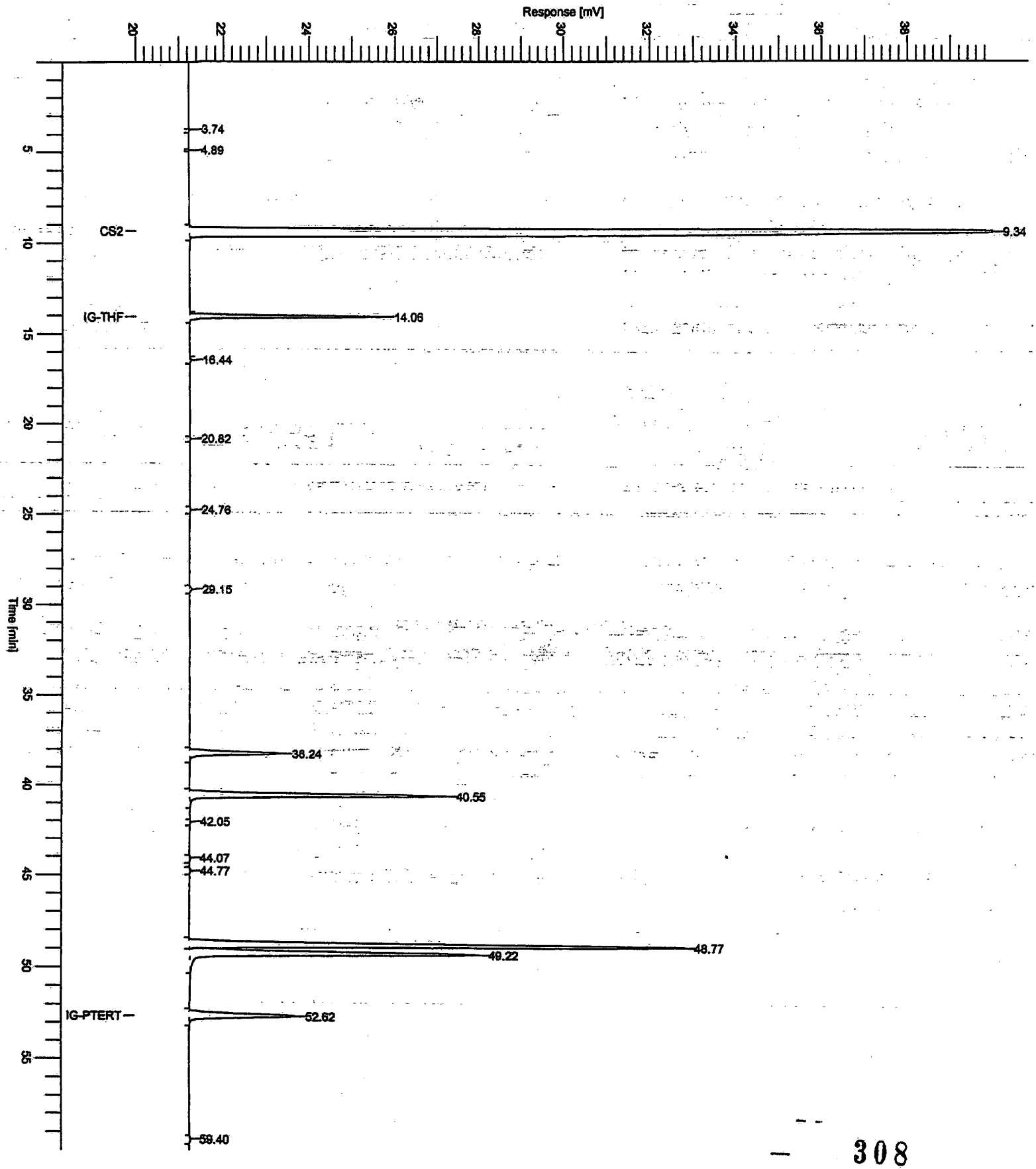
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CS2 | 9.34 | 408313 | 1000000 | 0.41 | 1.0 | 1 | 0.4083 | | | | |
| ~~IG-THF~~ CLBRMET → | 14.06 | 37301 | ~~420~~ | 88.78 | 1.0 | 1 | ~~88.7751~~ | 75 | 497.3 | 489.4 | 102% |
| | 16.44 | 328 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | |
| | 24.76 | 229 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | | | | |
| | 29.15 | 607 | 1000000 | 0.00 | 1.0 | 1 | 0.0006 | | | | |
| BROF → | 38.24 | 27272 | ~~1000000~~ | 0.03 | 1.0 | 1 | ~~0.0273~~ | 39 | 699.3 | 720.7 | 97% |
| 123TCLPRP → | 40.55 | 76419 | ~~1000000~~ | 0.08 | 1.0 | 1 | ~~0.0764~~ | 190 | 402.2 | 373.7 | 108% |
| | 42.05 | 133 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 | | | | |
| | 44.07 | 223 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | | | | |
| | 44.77 | 309 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | |
| BZCL → | 48.77 | 145555 | ~~1000000~~ | 0.15 | 1.0 | 1 | ~~0.1456~~ | 512 | 284.3 | 302.5 | 94% |
| | 49.22 | 97859 | 1000000 | 0.10 | 1.0 | 1 | 0.0979 | | | | |
| ~~IG-PTERTBUTL~~ HXCLEPA → | 52.62 | 37299 | ~~658~~ | 56.71 | 1.0 | 1 | ~~56.7107~~ | 121 | 308.3 | 284.7 | 108% |
| | 59.40 | 394 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | | | | |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A059.TX0

# Chromatogram

Sample Name : WG39545-33,IH12434,11 Sample #: 59 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-Z\022602A059.raw
Date : 3/4/02 10:30:05 AM
Method : hp#2 orgprof Time of Injection: 3/1/02 4:13:01 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:31:14 AM |
| Operator | : manager | Sample Name | : WG39545-34,IH12898,21 |
| Sample Number | : 72 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/71 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 6:43:04 PM | Cycle | : 72 |

CONT. CAL. STD.

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A072.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A072.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A072.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

CIS12DCLETE 3843
TRANS12DCLETE 3744

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

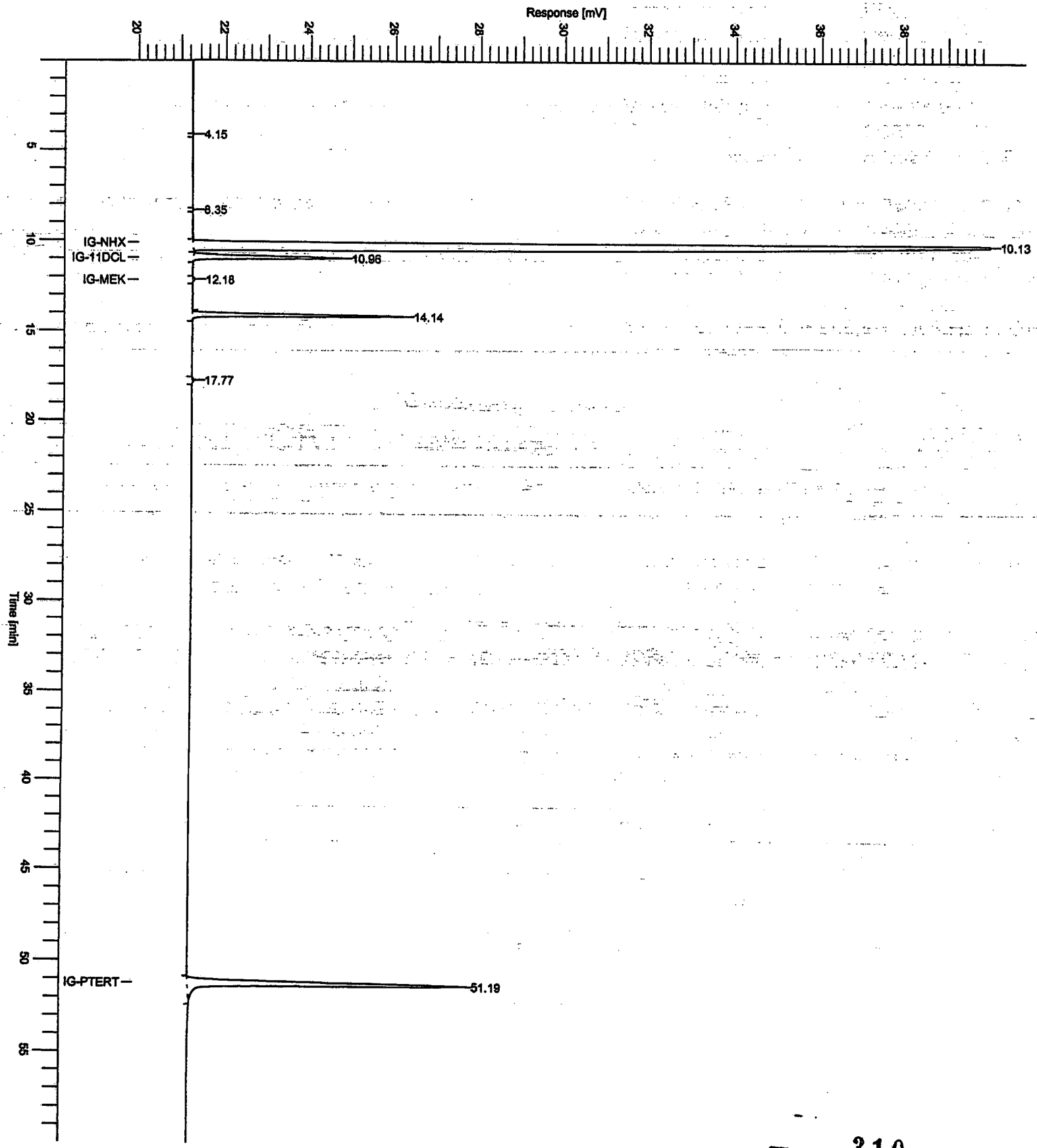
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| IG-NHX | 10.13 | 413337 | 655 | 631.05 | 1.0 | 1 | 631.0452 | | | | |
| ~~IG-11DCLET~~ TRANS12-DCLETE | 10.96 | 35067 | ~~229~~ | 153.13 | 1.0 | 1 | ~~153.1316~~ | 188 | 186.5 | 178.3 | 105% |
| IG-MEK | 12.18 | 405 | 385 | 1.05 | 1.0 | 1 | 1.0521 | | | | |
| CIS12DCLETE | 14.14 | 42159 | 1000000 | 0.04 | 1.0 | 1 | ~~0.0422~~ | 237 | 177.9 | 183.0 | 97% |
| | 17.77 | 381 | 1000000 | 0.00 | 1.0 | 1 | 0.0004 | | | | |
| IG-PTERTBUTL | 51.19 | 90488 | 658 | 137.58 | 1.0 | 1 | 137.5822 | | | | |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A072.TX0

# Chromatogram

Sample Name : WG39545-34,IH12898,21 Sample #: 72 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A072.raw
Date : 3/4/02 10:31:18 AM
Method : hp#2 orgprof Time of Injection: 3/1/02 6:43:04 PM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 11:31:34 AM |
| Operator | : manager | Sample Name | : WG39545-35,IH13005,21 |
| Sample Number | : 73 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/72 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 7:50:15 PM | Cycle | : 73 |

CONT. CAL. STD.

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A073.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A073.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|
| IG-PTERTBUTL | 6.65 | 273 | 658 | 0.42 | 1.0 | 1 | 0.4156 | | |
| | 8.36 | 338 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | |
| | 9.75 | 197 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | | |
| IG-NHX | 10.16 | 415979 | 655 | 635.08 | 1.0 | 1 | 635.0793 | | |
| IG-4VNTL | 11.67 | 106 | 58 | 1.83 | 1.0 | 1 | 1.8304 | | |
| IG-11DCLET | 12.21 | 39100 | 229 | 170.74 | 1.0 | 1 | 170.7412 | 162.3 | 105% |
| IG-MEK | 12.83 | 296 | 385 | 0.77 | 1.0 | 1 | 0.7696 | | |
| | 13.02 | 197 | 1000000 | 0.00 | 1.0 | 1 | 0.0002 | | |
| | 13.43 | 523 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | | |
| IG-CLF | 14.72 | 14897 | 75 | 198.62 | 1.0 | 1 | 198.6220 | 204.1 | 97% |
| IG-MC | 16.19 | 36606 | 192 | 190.65 | 1.0 | 1 | 190.6548 | 180.9 | 105% |
| IG-CCL4 | 17.19 | 6764 | 28 | 241.56 | 1.0 | 1 | 241.5638 | 222.7 | 108% |
| IG-12DCLET | 17.69 | 45200 | 268 | 168.66 | 1.0 | 1 | 168.6573 | 176.3 | 96% |
| | 22.19 | 1554 | 1000000 | 0.00 | 1.0 | 1 | 0.0016 | | |
| IG-112TCLET | 28.20 | 37947 | 181 | 209.65 | 1.0 | 1 | 209.6532 | 194.8 | 108% |
| IG-CLBZ | 34.63 | 98621 | 608 | 162.21 | 1.0 | 1 | 162.2060 | 153.1 | 106% |
| IG-PDCLBZ | 50.06 | 80448 | 459 | 175.27 | 1.0 | 1 | 175.2671 | 162.3 | 108% |
| UNDECANE | 51.24 | 92307 | 3472 | 26.58 | 1.0 | 1 | 26.5844 | | |
| IG-ODCLBZ | 52.47 | 90149 | 498 | 181.02 | 1.0 | 1 | 181.0231 | 185.5 | 98% |

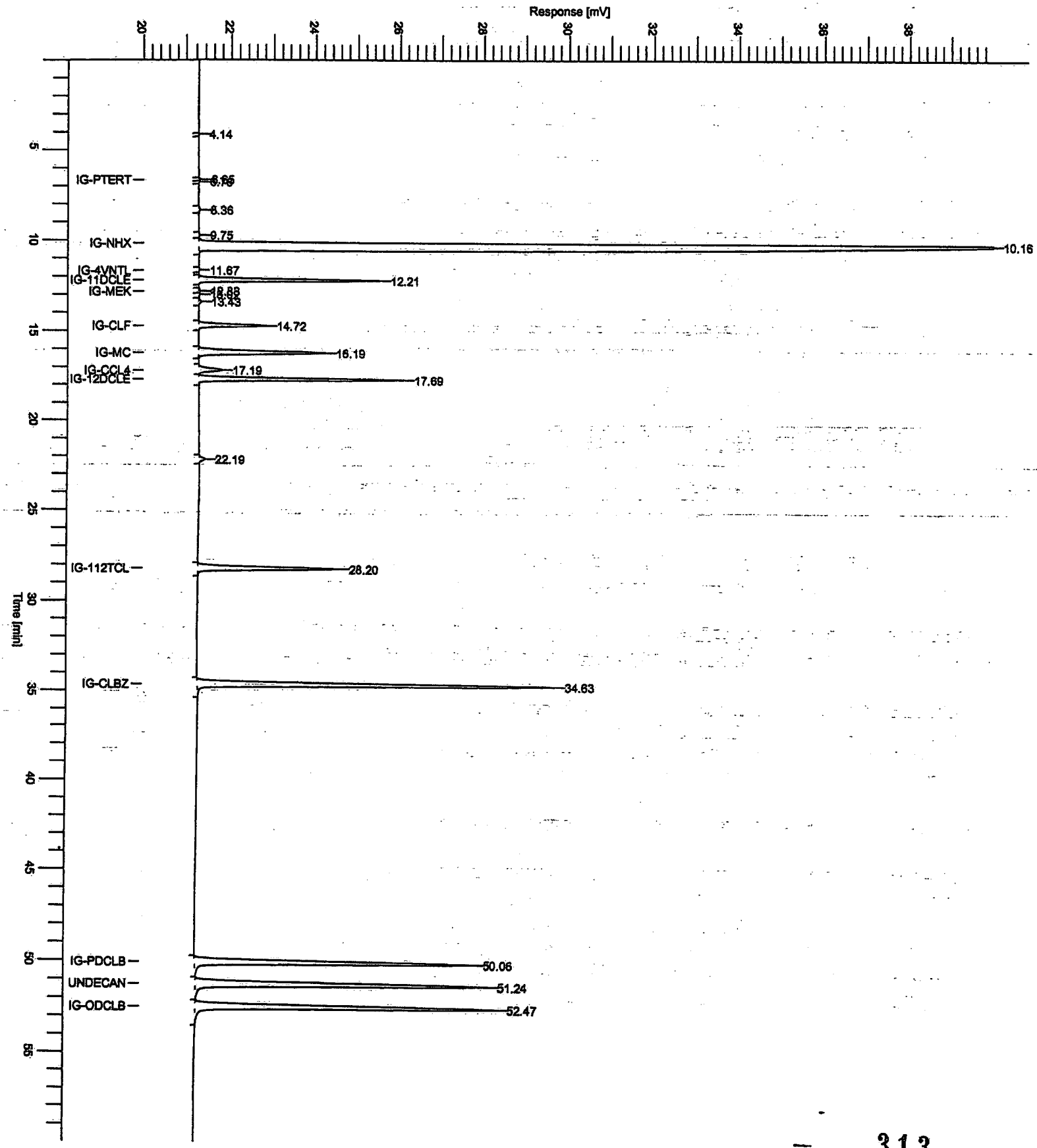
3/4/02 11:31:34 AM Result:

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A073.TX0

# Chromatogram

Sample Name : WG39545-35,IH13005,21 Sample #: 73 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A073.raw
Date : 3/4/02 11:31:39 AM
Method : hp#2 orgprof.mth Time of Injection: 3/1/02 7:50:15 PM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 11:35:12 AM |
| Operator | : manager | Sample Name | : WG39545-36,IH13364,21 |
| Sample Number | : 74 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/73 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 8:57:26 PM | Cycle | : 74 |

CONT. CAL. STD.

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A074.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A074.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

AMEST4 2770
CUME 2770
STY 2770

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

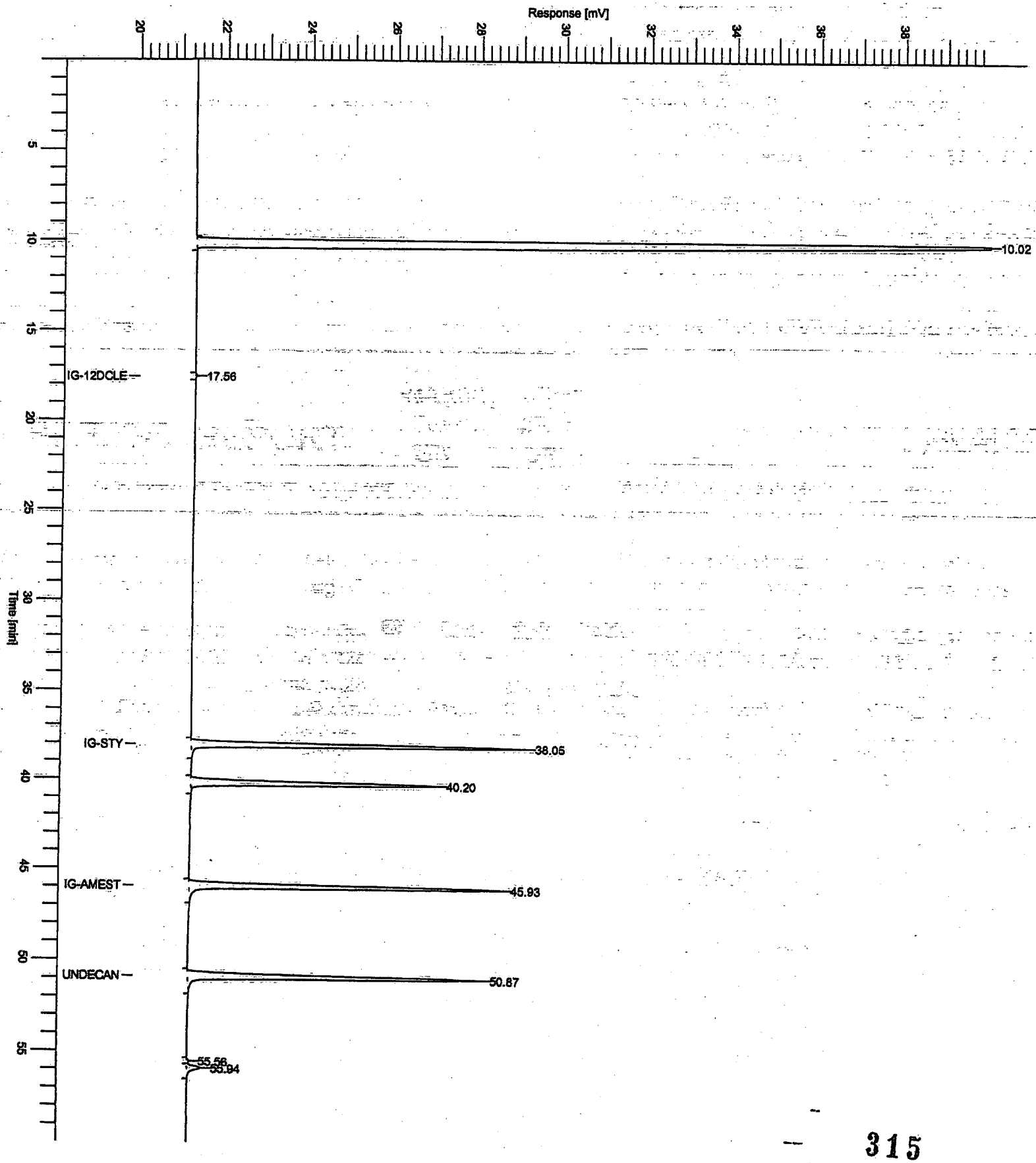
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RE | conc | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10.02 | 415535 | 1000000 | 0.42 | 1.0 | 1 | 0.4155 | | | | |
| IG-12DCLET | 17.56 | 316 | 268 | 1.18 | 1.0 | 1 | 1.1774 | | | | |
| IG-STY | 38.05 | 93355 | 630 | 148.18 | 1.0 | 1 | 148.1828 | | | 131.9 | 112% |
| CUME → | 40.20 | 75735 | 1000000 | 0.08 | 1.0 | 1 | 0.~~0757~~ 536 | | 141.3 | 131.9 | 107% |
| IG-AMEST4 | 45.93 | 93106 | 661 | 140.90 | 1.0 | 1 | 140.8961 | | | 131.9 | 107% |
| UNDECANE | 50.87 | 93607 | 3472 | 26.96 | 1.0 | 1 | 26.9590 | | | | |
| | 55.56 | 504 | 1000000 | 0.00 | 1.0 | 1 | 0.0005 | | | | |
| | 55.94 | 5359 | 1000000 | 0.01 | 1.0 | 1 | 0.0054 | | | | |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A074.TX0

# Chromatogram

Sample Name : WG39545-36,IH1 3364.21 Sample #: 74 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A074.raw
Date : 3/4/02 11:35:16 AM
Method : hp#2 orgprof.mth Time of Injection: 3/1/02 8:57:26 PM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:31:31 AM |
| Operator | : manager | Sample Name | : WG39545-37,IH12434,21 |
| Sample Number | : 75 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/74 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 10:04:30 PM | Cycle | : 75 |

CONT. CAL STD.

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A075.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A075.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A075.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

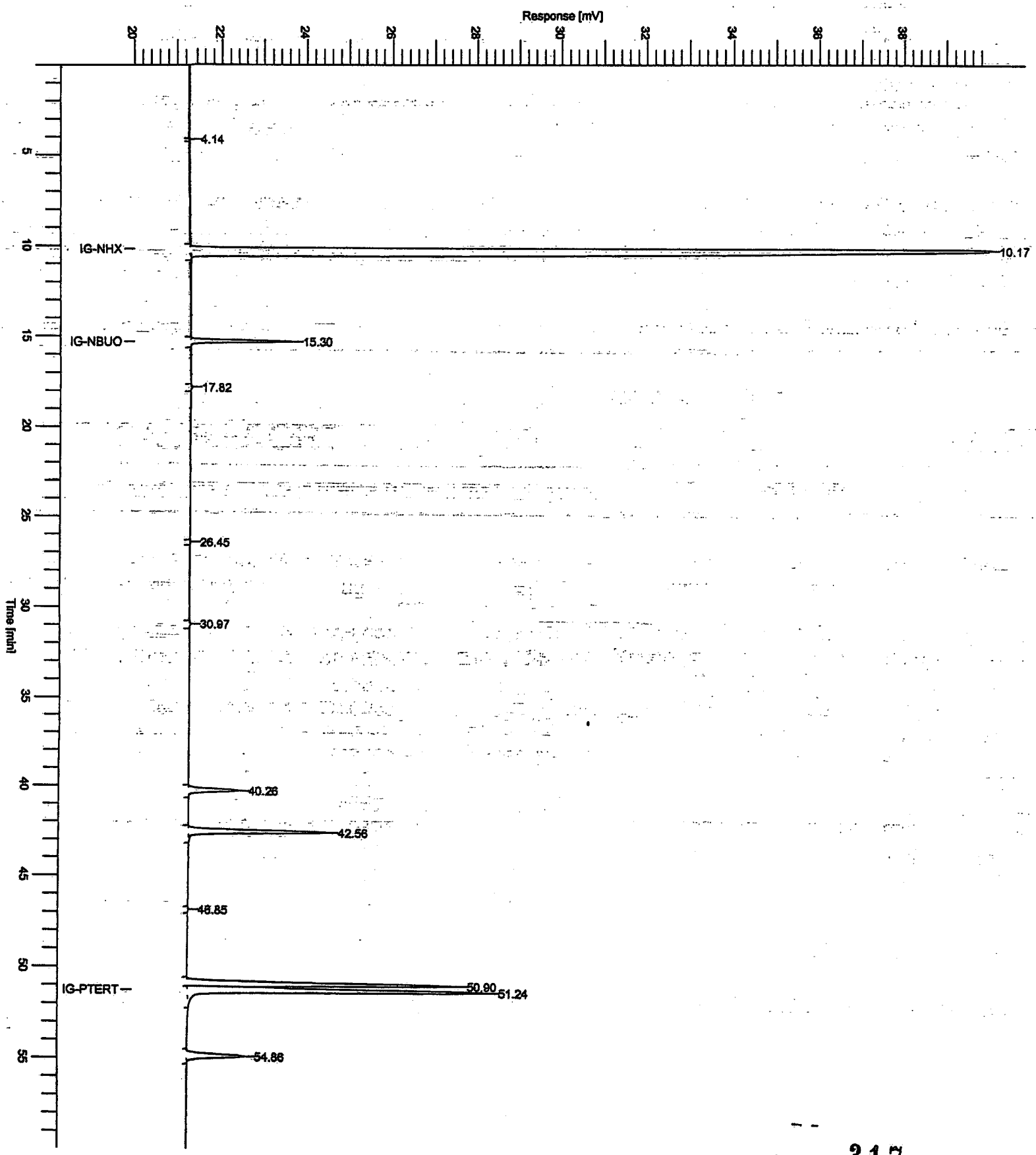
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| IG-NHX | 10.17 | 419536 | 655 | 640.51 | 1.0 | 1 | 640.5093 | | | | |
| IG-NBUOH (CLEANER) → | 15.30 | 19954 | ~~403~~ | 49.53 | 1.0 | 1 | ~~49.5324~~ | 75 | 266.1 | 256.3 | 104% |
| | 17.82 | 324 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | |
| | 30.97 | 317 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | |
| BROF → | 40.26 | 14420 | ~~1000000~~ | 0.01 | 1.0 | 1 | ~~0.0144~~ | 39 | 369.7 | 377.5 | 98% |
| 123TCLPRP → | 42.56 | 40433 | ~~1000000~~ | 0.04 | 1.0 | 1 | ~~0.0404~~ | 190 | 212.8 | 195.8 | 109% |
| | 46.85 | 140 | 1000000 | 0.00 | 1.0 | 1 | 0.0001 | | | | |
| BCL → | 50.90 | 75824 | ~~1000000~~ | 0.08 | 1.0 | 1 | ~~0.0758~~ | 512 | 148.1 | 158.5 | 93% |
| IG-PTERTBUTL | 51.24 | 97296 | 658 | 147.93 | 1.0 | 1 | 147.9325 | | | | |
| HXCLETA → | 54.86 | 19585 | ~~1000000~~ | 0.02 | 1.0 | 1 | ~~0.0196~~ | 121 | 161.9 | 149.1 | 109% |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A075.TX0

# Chromatogram

Sample Name : WG39545-37,IH12434,21 Sample #: 75 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A075.raw
Date : 3/4/02 10:31:36 AM
Method : hp#2 orgprof Time of Injection: 3/1/02 10:04:30 PM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:31:37 AM |
| Operator | : manager | Sample Name | : WG39545-14,IH12898,561 |
| Sample Number | : 76 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/75 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 11:11:34 PM | Cycle | : 76 |

Reporting Level Check Std

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A076.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A076.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A076.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

C1S12DCLETE 3843

# ANALYTICAL REPORT

TRANS12DCLETE 3744

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

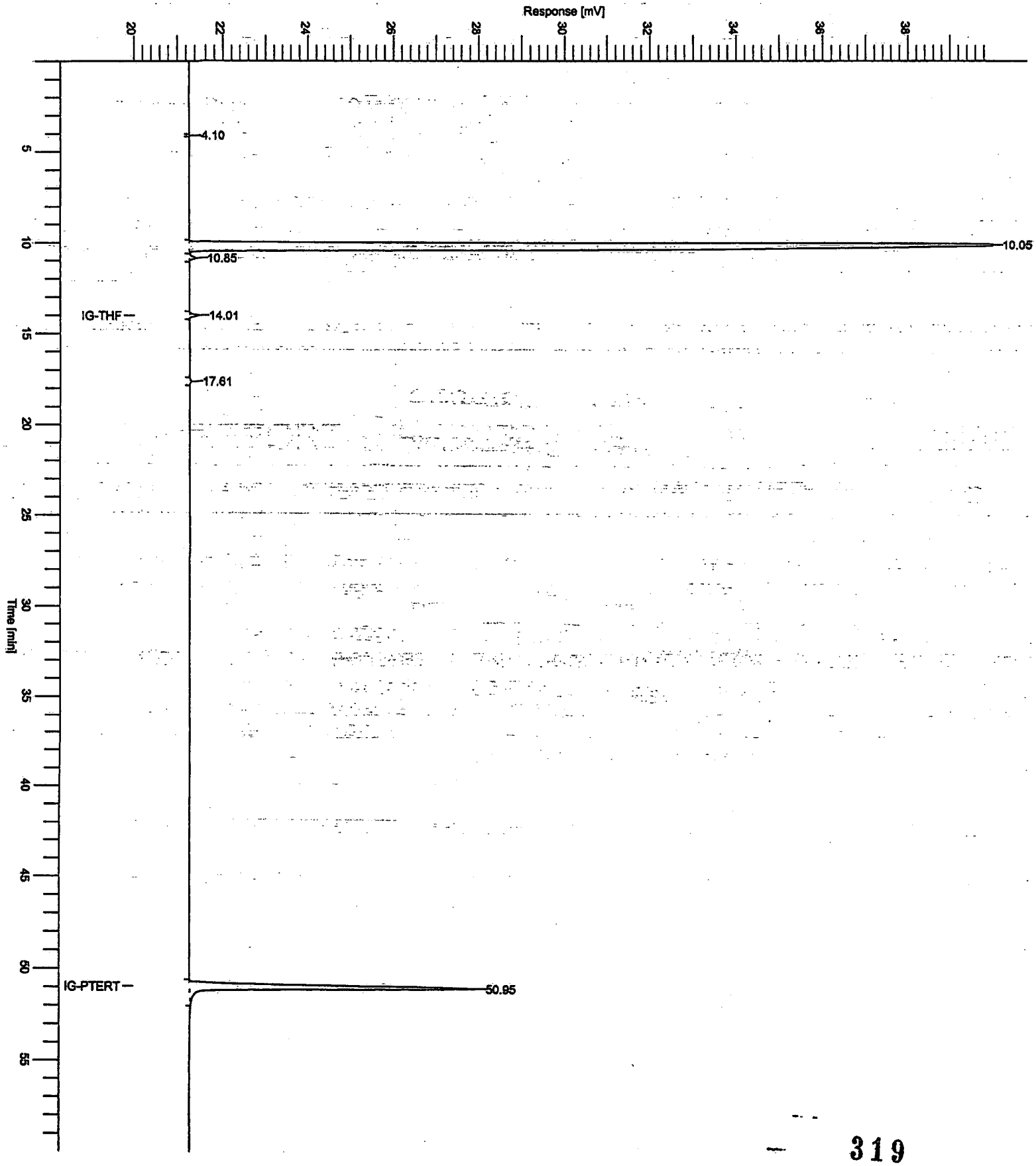
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10.05 | 416373 | 1000000 | 0.42 | 1.0 | 1 | 0.4164 | | | | |
| TRANS12DCLETE → | 10.85 | 1393 | ~~1000000~~ | 0.00 | 1.0 | 1 | ~~0.0014~~188 | | 7.41 | 6.674 | 111% |
| IG-~~THF~~ C1S12DCLETE → | 14.01 | 1509 | ~~420~~ | 3.59 | 1.0 | 1 | ~~3.5915~~237 | | 6.367 | 6850 | 93% |
| | 17.61 | 320 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | |
| IG-PTERTBUTL | 50.95 | 92933 | 658 | 141.30 | 1.0 | 1 | 141.2995 | | | | |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A076.TX0

# Chromatogram

Sample Name : WG39545-14,IH128-98,561 Sample #: 76 Page 1 of 1
FileName : C:\PenExel\TcWS\Hp-2\022602A076.raw
Date : 3/4/02 10:31:40 AM
Method : hp#2 orgprof Time of Injection: 3/1/02 11:11:34 PM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 11:34:26 AM |
| Operator | : manager | Sample Name | : WG39545-15,IH13005,561 |
| Sample Number | : 77 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/76 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/2/02 12:18:37 AM | Cycle | : 77 |

Reporting Level Ck Std

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A077.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A077.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

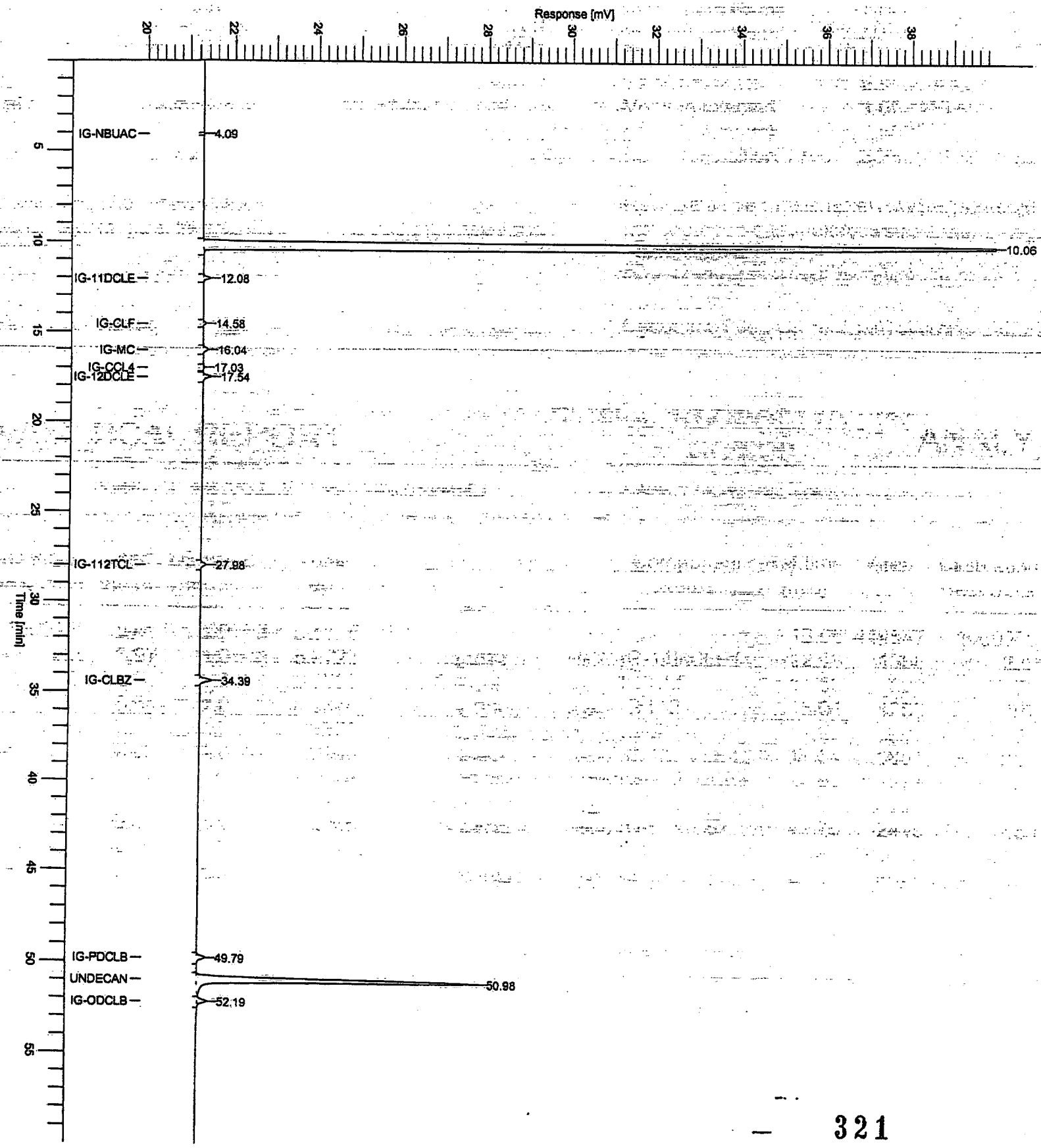
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|
| | 10.06 | 414547 | 1000000 | 0.41 | 1.0 | 1 | 0.4145 | | |
| IG-11DCLET | 12.08 | 1368 | 229 | 5.97 | 1.0 | 1 | 5.9723 | 6.077 | 98% |
| IG-CLF | 14.58 | 520 | 75 | 6.94 | 1.0 | 1 | 6.9395 | 7.64 | 91% |
| IG-MC | 16.04 | 1255 | 192 | 6.54 | 1.0 | 1 | 6.5370 | 6.772 | 97% |
| IG-CCL4 | 17.03 | 200 | 28 | 7.13 | 1.0 | 1 | 7.1259 | 8.335 | 86% |
| IG-12DCLET | 17.54 | 1881 | 268 | 7.02 | 1.0 | 1 | 7.0198 | 6.60 | 106% |
| IG-112TCLET | 27.98 | 1279 | 181 | 7.07 | 1.0 | 1 | 7.0673 | 7.292 | 97% |
| IG-CLBZ | 34.39 | 3206 | 608 | 5.27 | 1.0 | 1 | 5.2724 | 5.731 | 92% |
| IG-PDCLBZ | 49.79 | 2449 | 459 | 5.34 | 1.0 | 1 | 5.3365 | 6.077 | 88% |
| UNDECANE | 50.98 | 91659 | 3472 | 26.40 | 1.0 | 1 | 26.3978 | | |
| IG-ODCLBZ | 52.19 | 3071 | 498 | 6.17 | 1.0 | 1 | 6.1670 | 6.944 | 89% |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A077.TX0

# Chromatogram

Sample Name : WG39545-15,IH13005,561 Sample #: 77 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A077.raw
Date : 3/4/02 11:34:30 AM
Method : hp#2 orgprof.mth Time of Injection: 3/2/02 12:18:37 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 11:35:37 AM |
| Operator | : manager | Sample Name | : WG39545-16,IH13364,561 |
| Sample Number | : 78 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/77 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/2/02 1:25:34 AM | Cycle | : 78 |

Reporting Level Check Std

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A078.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A078.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

AMEST4 2770
CUME 2770
STY 2770

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

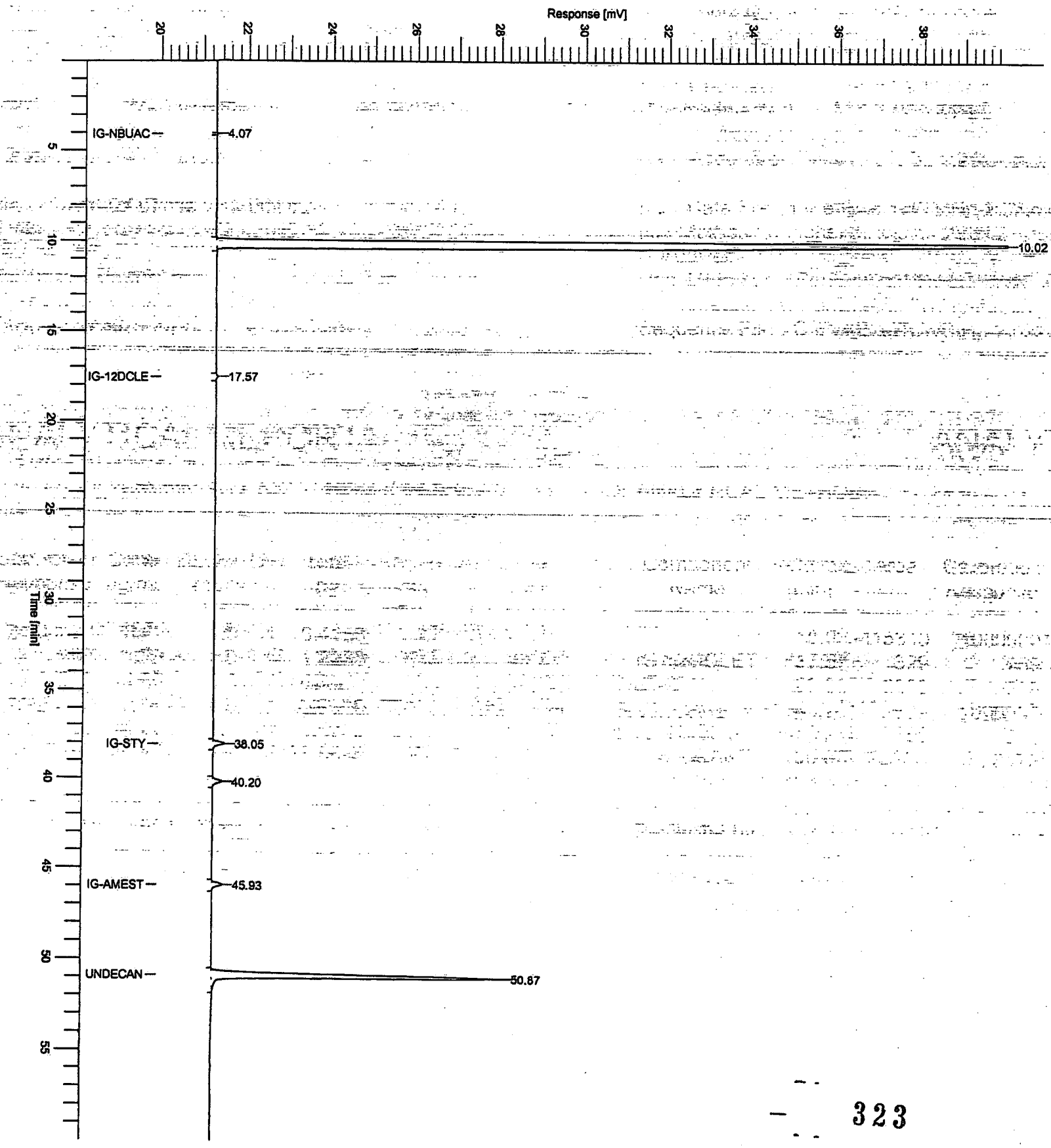
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10.02 | 415340 | 1000000 | 0.42 | 1.0 | 1 | 0.4153 | | | | |
| IG-12DCLET | 17.57 | 329 | 268 | 1.23 | 1.0 | 1 | 1.2288 | | | | |
| IG-STY | 38.05 | 3063 | 630 | 4.86 | 1.0 | 1 | 4.8621 | | | 4.94 | 98% |
| CUME → | 40.20 | 2609 | ~~1000000~~ | 0.00 | 1.0 | 1 | ~~0.0026~~ 5.36 | | 4.867 | 4.94 | 99% |
| IG-AMEST4 | 45.93 | 3038 | 661 | 4.60 | 1.0 | 1 | 4.5978 | | | 4.94 | 93% |
| UNDECANE | 50.87 | 93235 | 3472 | 26.85 | 1.0 | 1 | 26.8519 | | | | |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A078.TX0

# Chromatogram

Sample Name : WG39545-16,IH13-364,561 Sample #: 78 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A078.raw
Date : 3/4/02 11:35:40 AM
Method : hp#2 orgprof.mth Time of Injection: 3/2/02 1:25:34 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:31:52 AM |
| Operator | : manager | Sample Name | : WG39545-17,IH12434,561 |
| Sample Number | : 79 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/78 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/2/02 2:32:31 AM | Cycle | : 79 |

Reporting level Check Std

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A079.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A079.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A079.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD: _____ Column: RTX 502.2 105M X 0.53mm ID

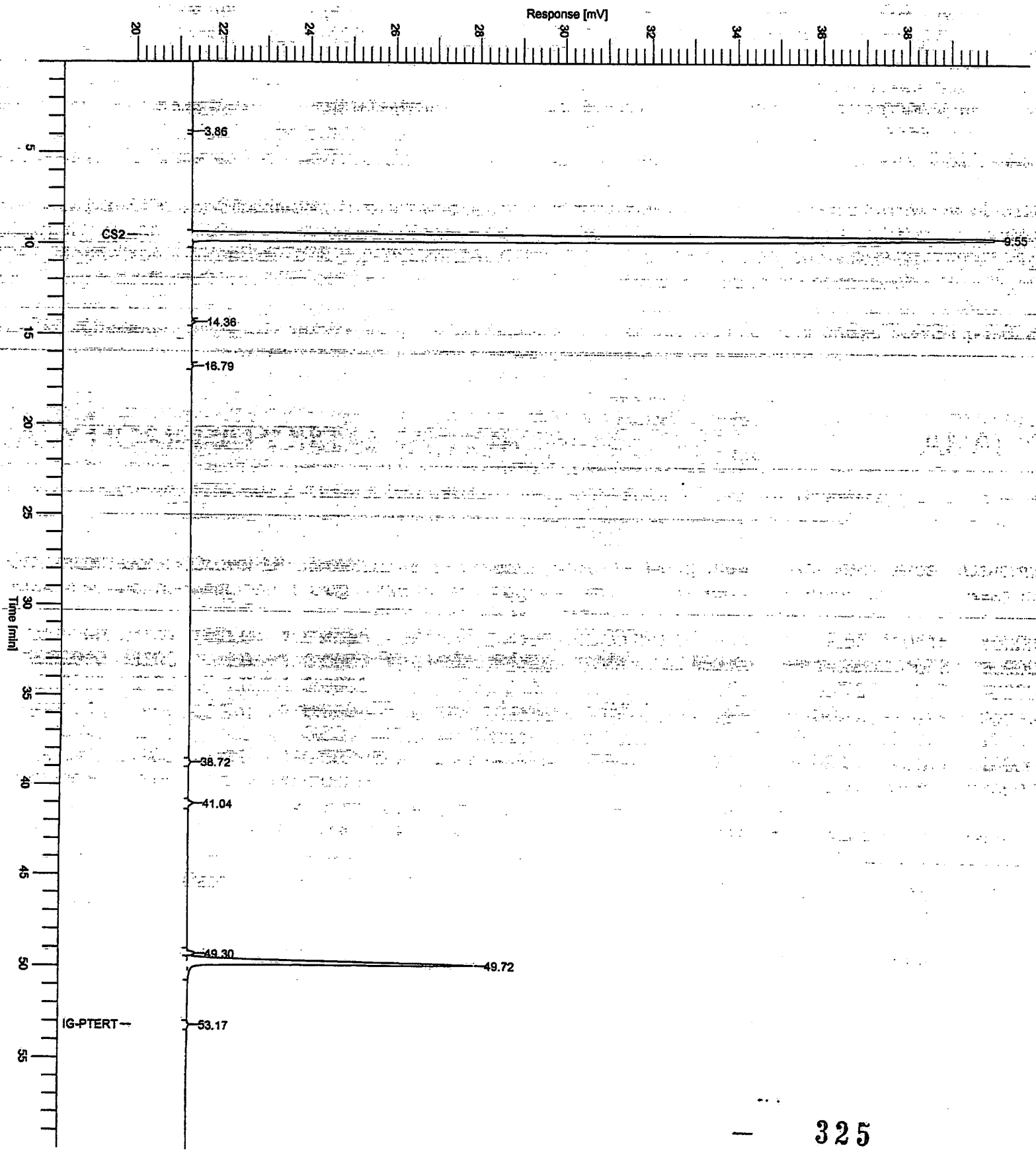
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RE | conc | exp | %rec |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CS2 | 9.55 | 410515 | 1000000 | 0.41 | 1.0 | 1 | 0.4105 | | | | |
| CLBRMET → | 14.36 | 673 | ~~1000000~~ | 0.00 | 1.0 | 1 | ~~0.0007~~ | 75 | 8.973 | 9.595 | 94% |
| | 16.79 | 317 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | |
| BROF → | 38.72 | 449 | ~~1000000~~ | 0.00 | 1.0 | 1 | ~~0.0004~~ | 59 | 11.51 | 14.13 | 81% |
| 123TCLPRP → | 41.04 | 1274 | 1000000 | 0.00 | 1.0 | 1 | ~~0.0013~~ | 190 | 6.705 | 7.328 | 92% |
| BZCL → | 49.30 | 2141 | ~~1000000~~ | 0.00 | 1.0 | 1 | ~~0.0021~~ | 512 | 4.182 | 5.932 | 70% |
| | 49.72 | 93792 | 1000000 | 0.09 | 1.0 | 1 | 0.0938 | | | | |
| IG-~~PTERTBUTL~~ HXCLETA → | 53.17 | 611 | ~~658~~ | 0.93 | 1.0 | 1 | ~~0.9295~~ | 121 | 5.050 | 5.583 | 90% |

Reviewed by: _____ Date: _____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A079.TX0

# Chromatogram

Sample Name : WG39545-17,IH12434,561 Sample #: 79 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A079.raw
Date : 3/4/02 10:31:56 AM
Method : hp#2 orgprof Time of Injection: 3/2/02 2:32:31 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:31:58 AM |
| Operator | : manager | Sample Name | : WG39545-12 |
| Sample Number | : 80 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/79 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/2/02 3:39:27 AM | Cycle | : 80 |

MEDIA BLANK

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A080.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A080.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A080.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

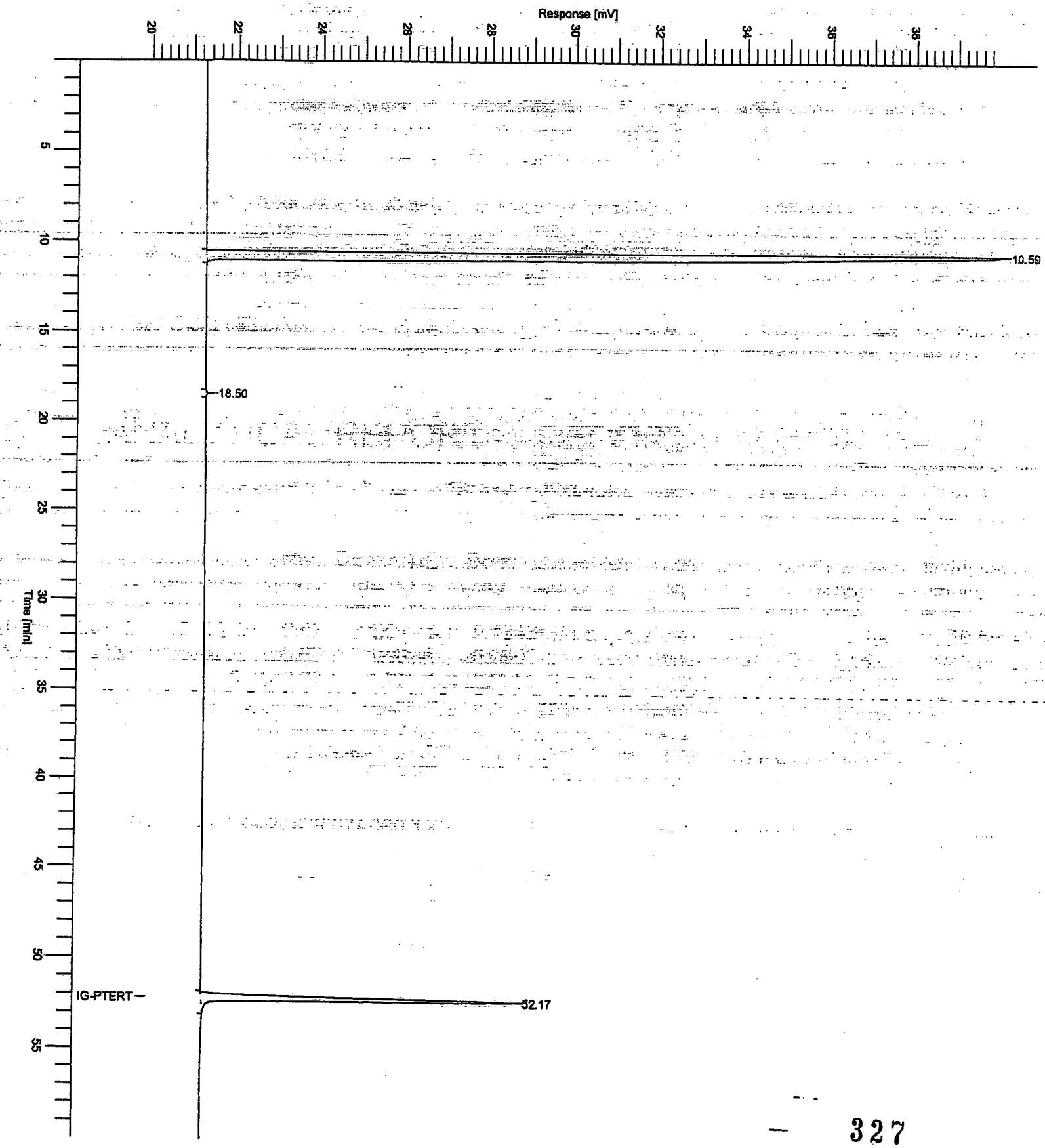
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 10.59 | 434302 | 1000000 | 0.43 | 1.0 | 1 | 0.4343 |
| | 18.50 | 327 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-PTERTBUTL | 52.17 | 97515 | 658 | 148.27 | 1.0 | 1 | 148.2653 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A080.TX0

# Chromatogram

Sample Name : WG39545-12 Sample #: 80 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A080.raw
Date : 3/4/02 10:32:01 AM
Method : hp#2 orgprof Time of Injection: 3/2/02 3:39:27 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:32:02 AM |
| Operator | : manager | Sample Name | : WG39545-13 |
| Sample Number | : 81 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/80 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/2/02 4:46:26 AM | Cycle | : 81 |

MEDIA BLANK

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A081.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A081.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A081.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

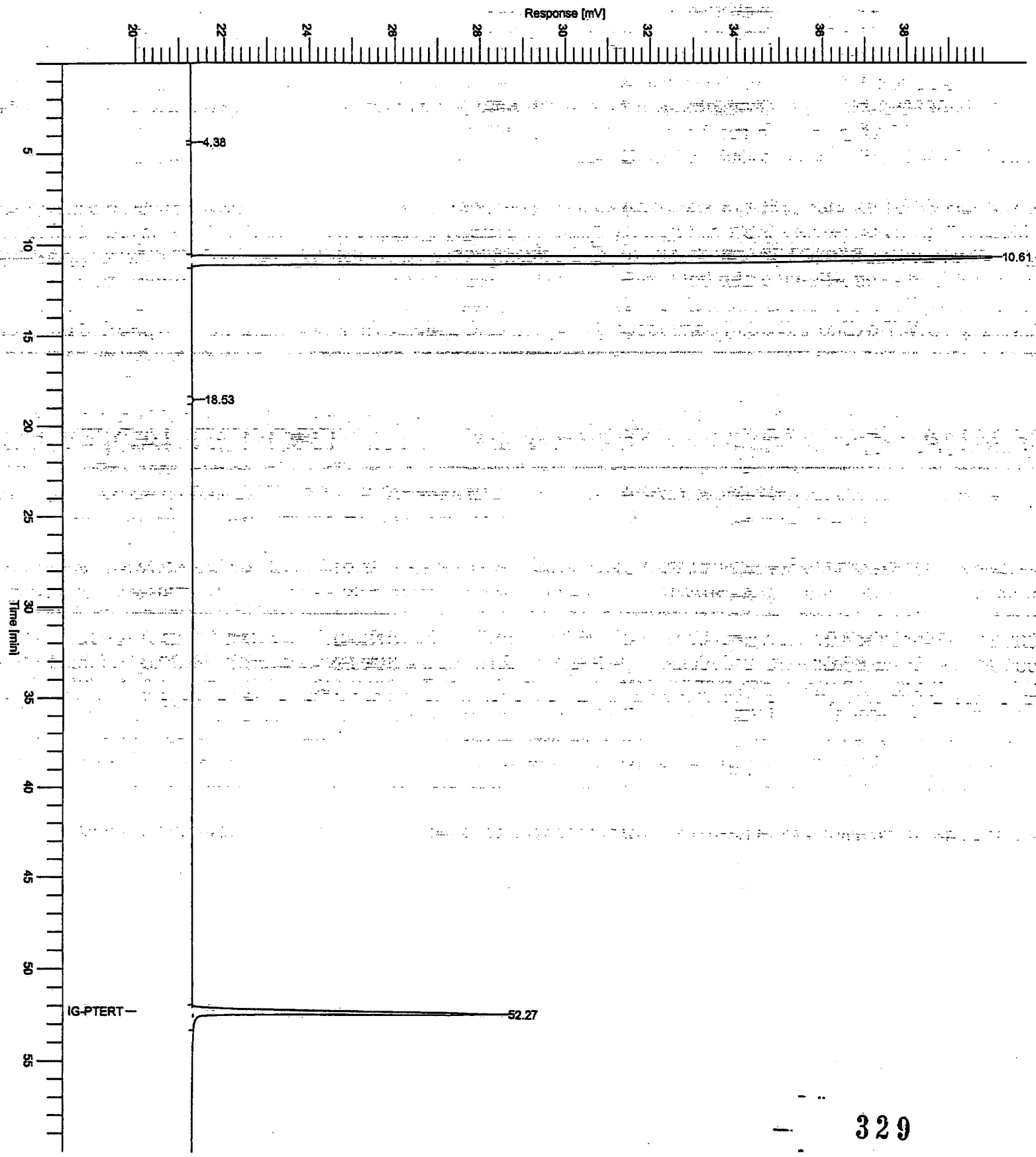
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 10.61 | 431475 | 1000000 | 0.43 | 1.0 | 1 | 0.4315 |
| | 18.53 | 312 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 |
| IG-PTERTBUTL | 52.27 | 94455 | 658 | 143.61 | 1.0 | 1 | 143.6133 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A081.TX0

# Chromatogram

Sample Name : WG39545-13 Sample #: 81 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A081.raw
Date : 3/4/02 10:32:05 AM
Method : hp#2 orgprof Time of Injection: 3/2/02 4:46:26 AM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



# INITIAL CALIBRATION STANDARDS

# GC FID

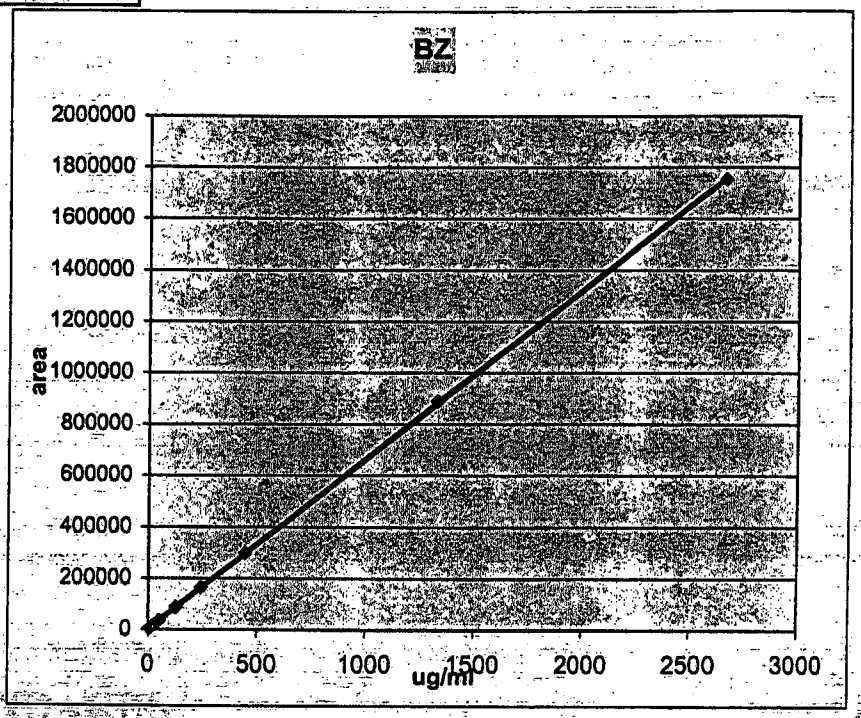
| | |
|---|---|
| Compound: | BENZENE |
| Instru #: | HP-6A |
| Column: | RTX-1 |
| Date: | 04/12/01 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 2661 | 1751992 |
| 1330.5 | 890444 |
| 443.5 | 298158 |
| 241.91 | 163513 |
| 126.71 | 86074 |
| 52.18 | 36134 |
| 26.35 | 18315 |
| 13.24 | 9354 |
| 4.74 | 3667 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




Average Response Factor

used pts:

| ug/ml | area | RF | % D |
|---|---|---|---|
| 2661 | 1751992 | 658 | -4.78% |
| 1330.5 | 890444 | 669 | -3.21% |
| 443.5 | 298158 | 672 | -2.77% |
| 241.91 | 163513 | 676 | -2.24% |
| 126.71 | 86074 | 679 | -1.75% |
| 52.18 | 36134 | 692 | 0.15% |
| 26.35 | 18315 | 695 | 0.53% |
| 13.24 | 9354 | 706 | 2.18% |
| 4.74 | 3667 | 774 | 11.89% |

| | |
|---|---|
| Avg RF= | 691 |
| Std Dev= | 34.159601 |
| RSD %= | 4.94% |

unused pts:

| | | | |
|---|---|---|---|
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 85473 | 123.6184 | 132.3 | 93% |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 4/12/01 Task: L69951 Client:

Instrument: HP-6A Detector: fid Column: RTX-1

Injection Size: 1uL Sequence: 041101.seq Conditions: hp#6a-rtx-1.mth

Standard Number: IH11953

QCCS Number: IH11954

STANDARD PREPARATION File ID: IH11953

Eluent: $CS_2$ Weight: 1.2707 Density: 1.26 Initials: BJC

| Analyte | g: | Analyte | g: | Analyte | g: |
|---|---|---|---|---|---|
| BZ | 0.0027 | | | | |
| TL | 0.0026 | | | | |
| OXY | 0.0026 | | | | |
| | | | | | |
| | | | | | |

Total Weight: 1.2786 (g) Total Vol: 1.01476190 (ml) Std Prep Date: 4/10/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | BZ | | | | | |
| Lo | | 2661 | 1751992 | | | x = 691 |
| 1:2 | | 1330.5 | 890444 | | | |
| 1:6 | | 443.5 | 298158 | | | n-1 = 34.159601 |
| 1:11 | | 241.91 | 163513 | | | |
| 1:21 | | 126.71 | 86074 | | | RSD = 4.94% |
| 1:51 | | 52.18 | 36134 | | | |
| 1:101 | | 26.35 | 18315 | | | cr |
| 1:201 | | 13.24 | 9354 | | | |
| 1:561 | | 4.74 | 3667 | | | Corr = |
| | | | | | | |
| QCCS | IH11954 | 2779 | | | | m = |
| 1:21 | | 132.3 | 85473 | 123.6/132.3 | 93% | |
| | | | | | | b = |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

Not performed for most multi-component standards.

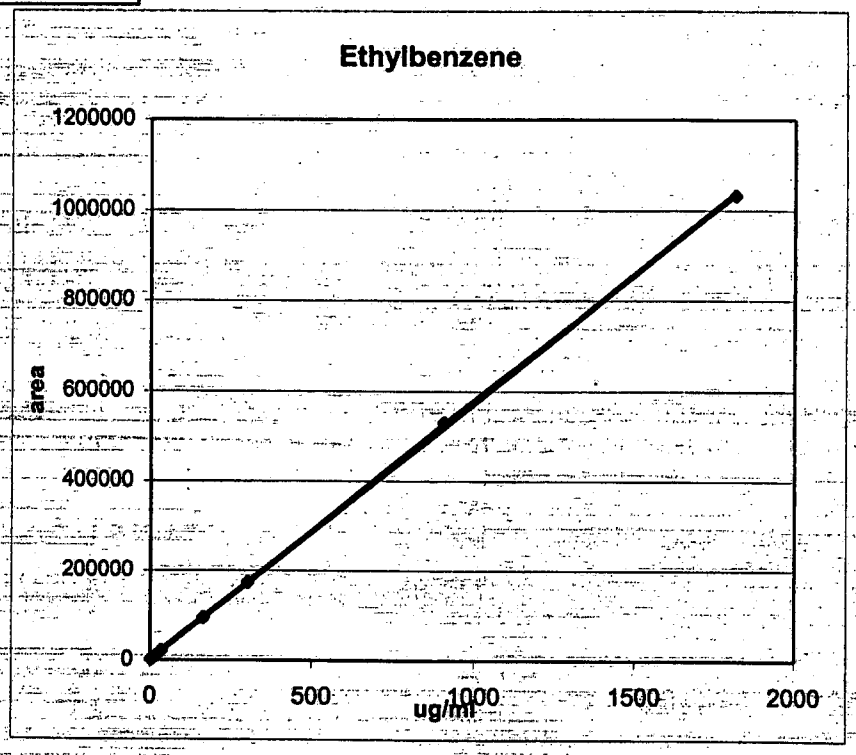
| | |
|---|---|
| **Compound:** | Ethylbenzene |
| **Instru #:** | HP6A |
| **Column:** | RTX-1 |
| **Date:** | 07/22/99 |

***Remember to "Save As" and rename file!***

| ug/ml | area |
|---|---|
| 3.2 | 1920 |
| 9 | 5247 |
| 18 | 10205 |
| 36 | 21896 |
| 165 | 95033 |
| 302 | 174442 |
| 907 | 529856 |
| 1814 | 1032473 |
| | |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




**Average Response Factor**

| | ug/ml | area | RF | % D |
|---|---|---|---|---|
| used pts: | 3.2 | 1920 | 600 | 2.89% |
| | 9 | 5247 | 583 | -0.02% |
| | 18 | 10205 | 567 | -2.78% |
| | 36 | 21896 | 608 | 4.30% |
| | 165 | 95033 | 576 | -1.23% |
| | 302 | 174442 | 578 | -0.95% |
| | 907 | 529856 | 584 | 0.18% |
| | 1814 | 1032473 | 569 | -2.40% |
| | | | | |

| | |
|---|---|
| **Avg RF=** | 583 |
| **Std Dev=** | 14.412284 |
| **RSD %=** | 2.47% |

| | | | | |
|---|---|---|---|---|
| unused pts: | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |

Analysis Date: _____ Task: _____ Client: _____

Instrument: HPE Detector: FID Column: RTX-1

Injection Size: 1uL Sequence: _____ Conditions: 40-3-10-160-0

Standard Number: 8886

QCCS Number: 8763 ~~8872~~

STANDARD PREPARATION File ID: _____

Eluent: CS2 Weight: 1.2638 Density: 1.26 Initials: JSG

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Analyt: Acetone | g: .0238 | Analyt: BZ | g: .0264 | Analyt: ETBE | g: .0268 | | |
| Analyt: MeCl2 | g: .0407 | Analyt: TCLETE | g: .0440 | Analyt: O-Xy | g: .0268 | | |
| Analyt: MEK | g: .0249 | Analyt: MIBK | g: .0242 | Analyt: P-Xy | g: .0256 | | |
| Analyt: NHX | g: .0199 | Analyt: TL | g: .0268 | Analyt: M-Xy | g: .0257 | | |
| Analyt: MC | g: .0414 | Analyt: TETCLETE | g: .0493 | Analyt: NAP | g: .0024 | | |

Total Weight: 1.6925 (g) Total Vol: 1.3433 (ml) Std Prep Date: 7/14/95

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | | 19952 | | | | |
| Lo(1:11) | ETBE | 1814 | 1032473 | | 7.60 | x = |
| 1:56 | | 3.2 | 1920 | | | |
| 1:20 | | 9 | 5747 | | | n-1 = |
| 1:10 | | 15 | 10205 | | | |
| 1:5 | | 36 | 21896 | | | RSD = |
| 1:2 | | 86 | | | | |
| 1:1 | | 165 | 95033 | | | or |
| 1:6 | | 302 | ~~59453~~ 174442 | | | |
| 1:2 | | 907 | ~~177337~~ 529856 | | | Corr = |
| | | | | | | |
| | | | | | | m = |
| | | | | | | |
| 1:21 | | 86 | | | | b = |
| | | | | | | |
| 1:11 | | 164 | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

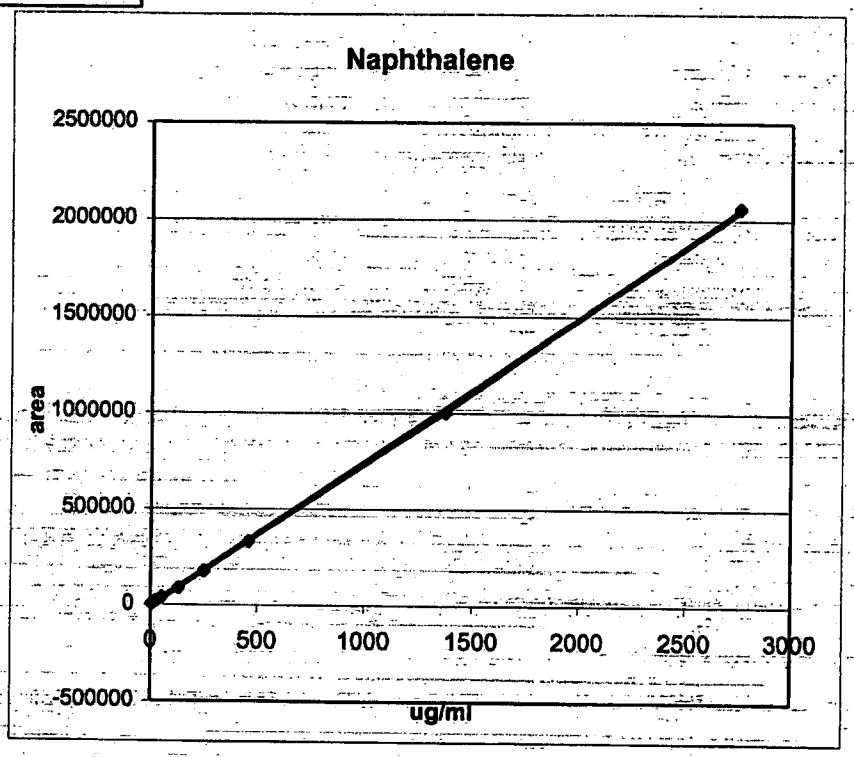
| | |
|---|---|
| Compound: | Napthalene |
| Instru #: | HP6A |
| Column: | RTX-1 |
| Date: | 01/26/01 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 4.9 | 4180 |
| 13.7 | 12086 |
| 27.3 | 20515 |
| 54.1 | 39473 |
| 131.3 | 88235 |
| 250.7 | 176681 |
| 459.7 | 331171 |
| 1379 | 1002614 |
| 2758 | 2060720 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




**Average Response Factor**

| | ug/ml | area | RF | % D |
|---|---|---|---|---|
| used pts: | 4.9 | 4180 | 853 | 13.11% |
| | 13.7 | 12086 | 882 | 16.97% |
| | 27.3 | 20515 | 751 | -0.36% |
| | 54.1 | 39473 | 730 | -3.26% |
| | 131.3 | 88235 | 672 | -10.90% |
| | 250.7 | 176681 | 705 | -6.56% |
| | 459.7 | 331171 | 720 | -4.48% |
| | 1379 | 1002614 | 727 | -3.60% |
| | 2758 | 2060720 | 747 | -0.93% |
| unused pts: | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |

| | |
|---|---|
| Avg RF= | 754 |
| Std Dev= | 68.824339 |
| RSD %= | 9.13% |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 1/26/01 Task: L6780 Client: Air Source Technology

Instrument: HP-6A Dectector: FID Column: RTX-1

Injection Size: 1ml Sequence: 012601.seq Conditions: hp86a-rtx-1.mth

Standard Number: IH11557

QCCS Number: IH11558

STANDARD PREPARATION File ID: IH11557

Eluent: CS2 Weight: 1.2719 Density: 1.26 Initials: PK

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: NAP | g: .004 | Anlyt: | g: | Anlyt: | g: |
| Anlyt: CLF | g: .0045 | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |

Total Weight: 1.2792 (g) Total Vol: 1.02 (ml) Std Prep Date: 1/26/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | NAP | | | | | |
| *Lo | | 2758 | 2060720 | | | x = 754 |
| 1:2 | | 1379 | 1002614 | | | |
| 1:6 | | 459.7 | 337171 | | | n-1 = 68.824339 |
| 1:11 | | 250.7 | 176681 | | 12.00 | |
| 1:21 | | 131.3 | 88235 | | | RSD = 9.13% |
| 1:51 | | 54.1 | 39473 | | | |
| 1:101 | | 27.3 | 20515 | | | or |
| 1:201 | | 13.7 | 12086 | | | |
| 1:561 | | 4.9 | 4180 | | | Corr = |
| | | | | | | |
| QCCS | IH11558 | | | | | m = |
| 1:21 | | 173.7 | 128052 | 169.8/173.7 | 92% | |
| 1:11 | | 331.5 | 233987 | 310.1/331.5 | 94% | b = |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

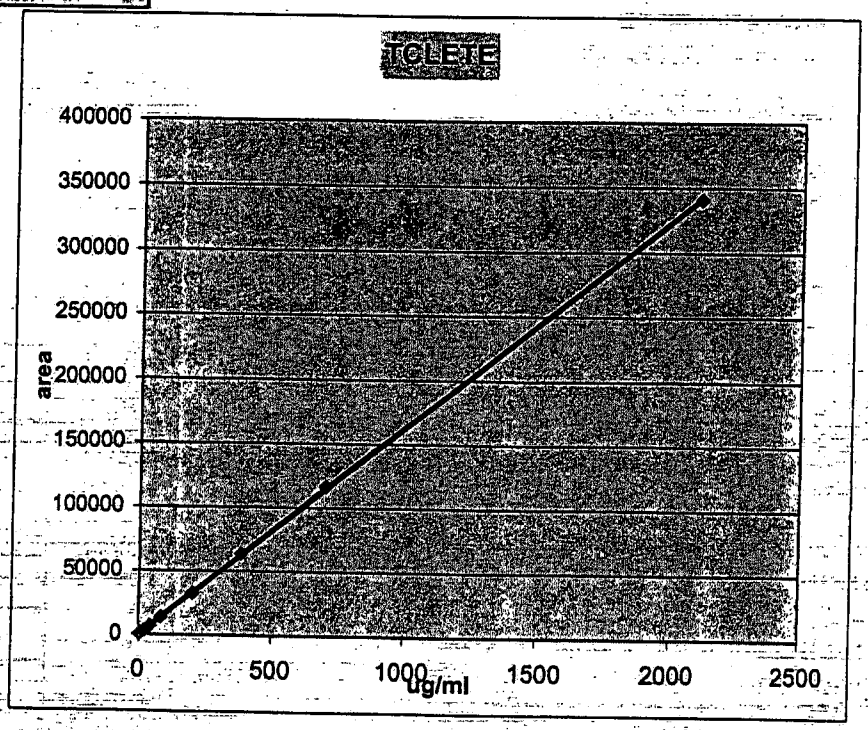
| | |
|---|---|
| Compound: | TRICHLOROETHYLENE |
| Instru #: | HP#6A |
| Column: | RTX-1 |
| Date: | 1/9/02 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 3.8 | 625 |
| 7.5 | 1233 |
| 20.9 | 3208 |
| 41.7 | 6815 |
| 82.5 | 13393 |
| 200.4 | 32541 |
| 382.5 | 63555 |
| 701.3 | 116126 |
| 2104 | 340734 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




**Average Response Factor**

used pts:

| ug/ml | area | RF | % D |
|---|---|---|---|
| 3.8 | 625 | 164 | 1.10% |
| 7.5 | 1233 | 164 | 1.05% |
| 20.9 | 3208 | 153 | -5.65% |
| 41.7 | 6815 | 163 | 0.45% |
| 82.5 | 13393 | 162 | -0.22% |
| 200.4 | 32541 | 162 | -0.19% |
| 382.5 | 63555 | 166 | 2.13% |
| 701.3 | 116126 | 166 | 1.78% |
| 2104 | 340734 | 162 | -0.46% |

| | |
|---|---|
| Avg RF= | 163 |
| Std Dev= | 3.748721 |
| RSD %= | 2.30% |

unused pts:

| | | | |
|---|---|---|---|
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 14402 | 88.5245 | 85 | 104% |
| 34472 | 211.8884 | 206.4 | 103% |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |

# Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 1/7/02 Task: _____ Client: _____

Instrument: HP #6A Dectector: FID Column: RTX-1

Injection Size: 1µl Sequence: 010702 Conditions: 40-3-10-160-0

Standard Number: IH13132

QCCS Number: IH13133

STANDARD PREPARATION File ID: _____

Eluent: CS2 Weight: 1.2719 Density: 1.26 Initials: _____

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: AT | g: .0025 | Anlyt: | g: | Anlyt: | g: |
| Anlyt: MC | g: .0039 | Anlyt: | g: | Anlyt: | g: |
| Anlyt: TCLETE | g: .0043 | Anlyt: | g: | Anlyt: | g: |
| Anlyt: TETCLETE | g: .0049 | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |

Total Weight: 1.2875 (g) Total Vol: 1.021825396 (ml) Std Prep Date: _____

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | TCLETE | | | | | |
| *Lo | | 4208 | 658719 | | | x = |
| 1:1111 | | 3.8 | 625 | | 2.75 | |
| 1:561 | | 7.5 | 1233 | | | n-1 = |
| 1:201 | | 20.9 | 3208 | | | |
| 1:101 | | 41.7 | 6815 | | | RSD = |
| 1:51 | | 82.5 | 13393 | | | |
| 1:21 | | 200.4 | 32541 | | | or |
| 1:11 | | 382.5 | 63555 | | | |
| 1:6 | | 701.3 | 116126 | | | Corr = |
| 1:2 | | 2104 | 340734 | | | |
| | | | | | | m = |
| 13133 | | 4334 | | | | |
| QCCS 1:51 | | 85.0 | 14402 | | | b = |
| 1:21 | | 206.4 | 34472 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: L. Lemm Date: 1/8/02

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

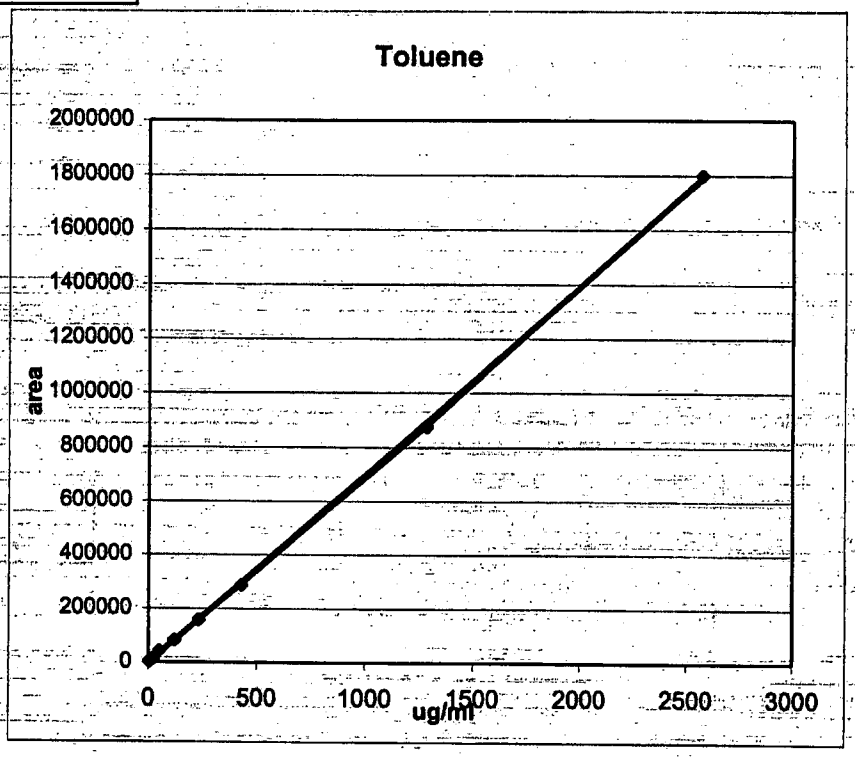
| | |
|---|---|
| Compound: | Toluene |
| Instru #: | HP6A |
| Column: | RTX-1 |
| Date: | 07/19/01 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 4.6 | 3635 |
| 12.8 | 8969 |
| 25.49 | 15996 |
| 50.47 | 42828 |
| 122.6 | 83233 |
| 234 | 158918 |
| 429 | 287586 |
| 1287 | 876912 |
| 2574 | 1799942 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




**Average Response Factor**

used pts:

| ug/ml | area | RF | % D |
|---|---|---|---|
| 4.6 | 3635 | 790 | 11.54% |
| 12.8 | 8969 | 701 | -1.09% |
| 25.49 | 15996 | 628 | -11.42% |
| 50.47 | 42828 | 849 | 19.78% |
| 122.6 | 83233 | 679 | -4.17% |
| 234 | 158918 | 679 | -4.14% |
| 429 | 287586 | 670 | -5.38% |
| 1287 | 876912 | 681 | -3.82% |
| 2574 | 1799942 | 699 | -1.30% |

| | |
|---|---|
| Avg RF= | 708 |
| Std Dev= | 67.943624 |
| RSD %= | 9.59% |

unused pts:

| | | | |
|---|---|---|---|
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 7/19/01 Task: L72661 Client: AIHA

Instrument: HP-6A Dectector: FID Column: RTX-1

Injection Size: 1ul Sequence: 071801.seq Conditions: hp#64-rtx-1.mth

Standard Number: IH12411

QCCS Number: IH12412

**STANDARD PREPARATION** File ID: IH12411

Eluent: CS2 Weight: 1.265 Density: 1.26 Initials: [illegible]

| Analyte | g: | Analyte | g: | Analyte | g: |
|---|---|---|---|---|---|
| BZ | .0026 | | | | |
| O-XY | .0026 | | | | |
| T2 | .0026 | | | | |
| | | | | | |
| | | | | | |

Total Weight: 1.2728 (g) Total Vol: 10.02 (ml) Std Prep Date: 7/17/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | T2 | | | | | |
| *Lo | | 2574 | 1799942 | | | x = |
| 1:2 | | 1287 | 876912 | | | |
| 1:6 | | 429 | 287586 | | | n-1 = |
| 1:11 | | 234 | 158918 | | | |
| 1:21 | | 122.6 | 83233 | | | RSD = |
| 1:51 | | 50.42 | 42828 | | | |
| 1:101 | | 25.49 | 15996 | | | or |
| 1:201 | | 12.8 | 8969 | | | |
| 1:501 | | 4.6 | 3635 | | | Corr = |
| | | | | | | |
| QCCS | IH12412 | 248 | | | | m = |
| 1:21 | | 118.3 | 85406 | | | |
| 1:11 | | 225.8 | 160982 | | | b = |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

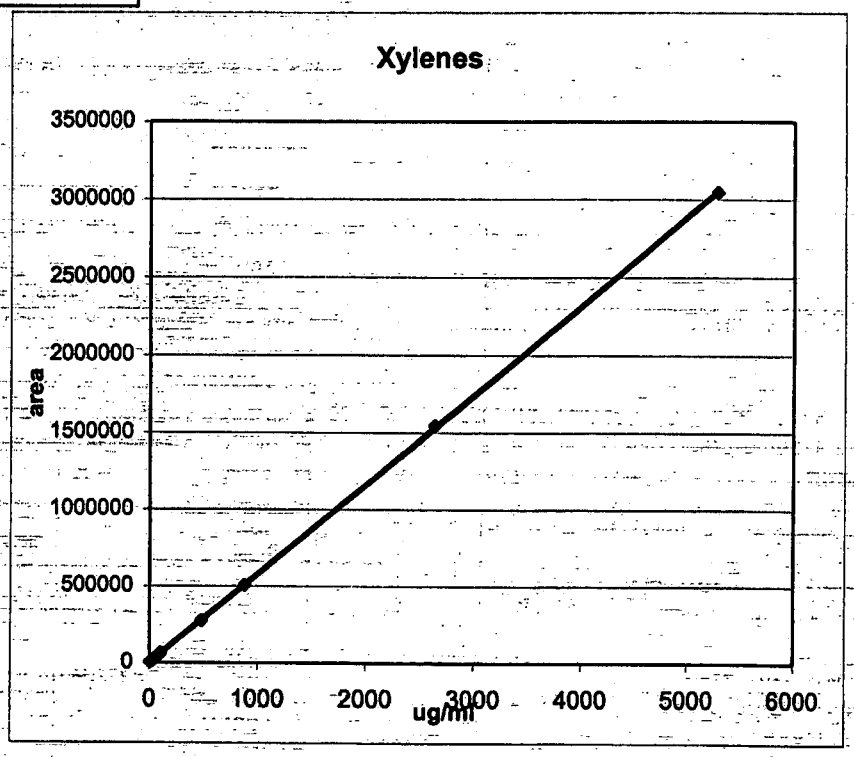
| | |
|---|---|
| Compound: | Xylenes |
| Instru #: | HP6A |
| Column: | RTX-1 |
| Date: | 07/22/99 |

***Remember to "Save As" and rename file!***

| ug/ml | area |
|---|---|
| 9.4 | 5540 |
| 26 | 15246 |
| 52 | 29627 |
| 104 | 63844 |
| 481 | 276863 |
| 881 | 508156 |
| 2643 | 1546335 |
| 5286 | 3047158 |
| | |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




**Average Response Factor**

| | ug/ml | area | RF | % D |
|---|---|---|---|---|
| used pts: | 9.4 | 5540 | 589 | 0.89% |
| | 26 | 15246 | 586 | 0.38% |
| | 52 | 29627 | 570 | -2.47% |
| | 104 | 63844 | 614 | 5.09% |
| | 481 | 276863 | 576 | -1.47% |
| | 881 | 508156 | 577 | -1.26% |
| | 2643 | 1546335 | 585 | 0.16% |
| | 5286 | 3047158 | 576 | -1.32% |
| | | | | |

| | |
|---|---|
| Avg RF= | 584 |
| Std Dev= | 13.684688 |
| RSD %= | 2.34% |

| | | | | |
|---|---|---|---|---|
| unused pts: | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |

Analysis Date: _____ Task: _____ Client: _____

Instrument: HP Detector: FID Column: RTX-1

Injection Size: 1uL Sequence: _____ Conditions: 40·3·10·160·0

Standard Number: 8886

QCCS Number: 8763 ~~8812~~

STANDARD PREPARATION File ID: _____

Eluent: CS2 Weight: 1.2638 Density: 1.26 Initials: JSG

| | | | | | |
|---|---|---|---|---|---|
| Analyt: Acetone | g: .0238 | Analyt: BZ | g: .0264 | Analyt: ETBZ | g: .0268 |
| Analyt: MeCl2 | g: .0407 | Analyt: TCLETE | g: 0.0440 | Analyt: O-Xy | g: .0268 |
| Analyt: MEK | g: .0249 | Analyt: MIBK | g: .0242 | Analyt: p-Xy | g: .0256 |
| Analyt: NHX | g: .0199 | Analyt: TL | g: .0268 | Analyt: m-Xy | g: .0257 |
| Analyt: MC | g: .0414 | Analyt: TETCLETE | g: .0493 | Analyt: NAP | g: .0024 TW=.07 |

Total Weight: 1.6925 (g) Total Vol: 1.3433 (ml) Std Prep Date: 7/14/95

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | XYS | 58142 | ~~1032~~ | | | |
| Lo (1:11) | | 5286 | ~~3047158~~ | 3047158 | 7.78, 8.21 | x = |
| 1:50 | | 9.4 | 5540 | | | |
| 1:20 | | 26 | 15246 | | | n-1 = |
| 1:10 | | 52 | 29627 | | | |
| 1:5 | | 104 | 63844 | | | RSD = |
| 1:2 | | 252 | ~~276863~~ | | | |
| 1:1 | | 481 | 276863 | | | or |
| 1:.6 | | 841 | 508156 | | | |
| 1:.2 | | 2643 | ~~527856~~ 1546335 | | | Corr = |
| | | | | | | |
| | | | | | | m = |
| | | | | | | |
| | | | | | | b = |
| 1:21 | | 258 | | | | |
| 1:11 | | 493 | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

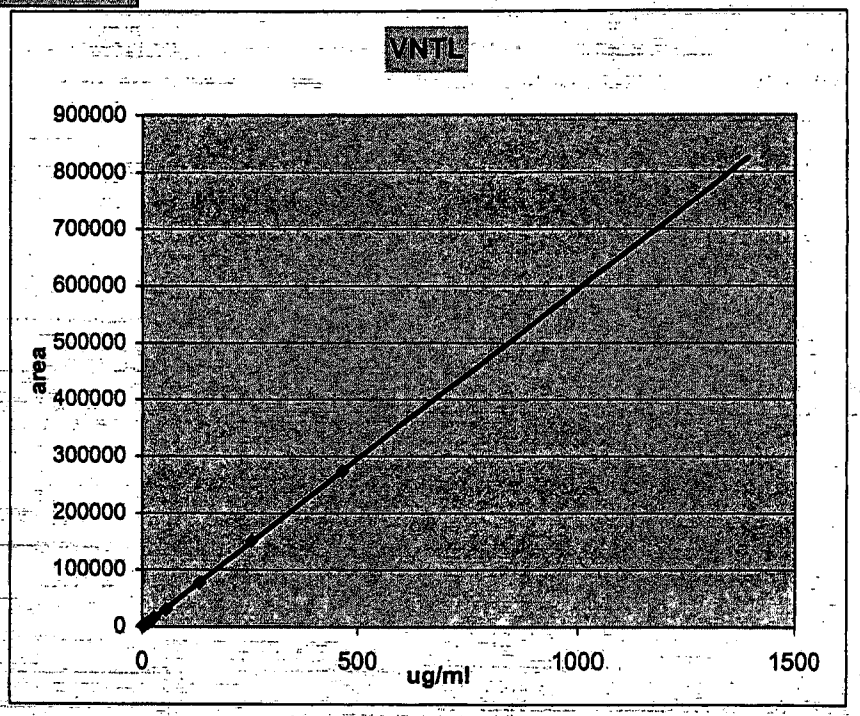
| | |
|---|---|
| **Compound:** | VINYL TOLUENE |
| **Instru #:** | HP-6A |
| **Column:** | RTX-1 |
| **Date:** | 02/27/02 |

***Remember to "Save As" and rename file!***

| ug/ml | area |
|---|---|
| 1391.5 | 1013702 |
| 463.8 | 274092 |
| 253 | 151171 |
| 132.5 | 76254 |
| 54.57 | 29515 |
| 27.55 | 15144 |
| 13.85 | 6971 |
| 4.961 | 2438 |
| 2.505 | 1214 |

unused pts:

| | |
|---|---|
| 1391.5 | 1013702 |
| 2783 | 2090009 |
| 0 | 0 |
| 0 | 0 |




**Average Response Factor**

| | ug/ml | area | RF | % D |
|---|---|---|---|---|
| used pts: | 1391.5 | 0 | | -100.00% |
| | 463.8 | 274092 | 591 | 9.09% |
| | 253 | 151171 | 598 | 10.30% |
| | 132.5 | 76254 | 576 | 6.23% |
| | 54.57 | 29515 | 541 | -0.16% |
| | 27.55 | 15144 | 550 | 1.47% |
| | 13.85 | 6971 | 503 | -7.09% |
| | 4.961 | 2438 | 491 | -9.29% |
| | 2.505 | 1214 | 485 | -10.54% |

| | |
|---|---|
| **Avg RF=** | 542 |
| **Std Dev=** | 44.731636 |
| **RSD %=** | 8.26% |

| | | | | |
|---|---|---|---|---|
| unused pts: | 1391.5 | 1013702 | 0.0013727 | 34.47% |
| | 2783 | 2090009 | 0.0013316 | 38.63% |
| | 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 72792 | 134.3668 | 130.1 | 103% |
| 176803 | 141.7707 | 130.1 | 109% |
| 27526 | 50.81026 | 53.6 | 95% |
| 141662 | 261.4755 | 248.4 | 105% |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 2/26/02 Task: L79047 Client: Roy F. Weston, Inc.
Instrument: HP-6A Detector: fid Column: RTX-1
Injection Size: 1uL Sequence: 022602.seq Conditions: 6a_rtx-1.mth

Standard Number: IH13363
QCCS Number: IH13362

STANDARD PREPARATION File ID: IH13363

Eluent: $CS_2$ Weight: 1.2648 Density: 1.26 Initials: JK

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: VNTL | g: 0.0028 | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |

Total Weight: 1.2676 (g) Total Vol: 1.00603174 (ml) Std Prep Date: 2/25/02

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | IH13363 | | | | | |
| *Lo | | 2783 | 2090009 | | | x = 542 |
| 1:2 | | 1391.5 | 1013702 | | | |
| 1:6 | | 463.8 | 274092 | | | n-1 = 44.731636 |
| 1:11 | | 253 | 151171 | | | |
| 1:21 | | 132.5 | 76254 | | 8.57 | RSD = 8.26% |
| 1:51 | | 54.57 | 29515 | | | |
| 1:101 | | 27.55 | 15144 | | | or |
| 1:201 | | 13.85 | 6971 | | | |
| 1:561 | | 4.961 | 2438 | | | Corr = |
| 1:1111 | | 2.505 | 1214 | | | |
| | | | | | | m = |
| QCS | IH13362 | 2732 | | | | |
| 1:21 | | 130.1 | 72792 | 134.4/130.1 | 103% | b = |
| 1:21 | | 130.1 | 76803 | 141.8/130.1 | 109% | |
| 1:51 | | 53.6 | 27526 | 50.8/53.6 | 95% | |
| 1:11 | | 248.4 | 141652 | 261.5/248.4 | 105% | |
| | | | | | | |

QC Data Entered: _____ Calculated By: JK Date: 2/26/02

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

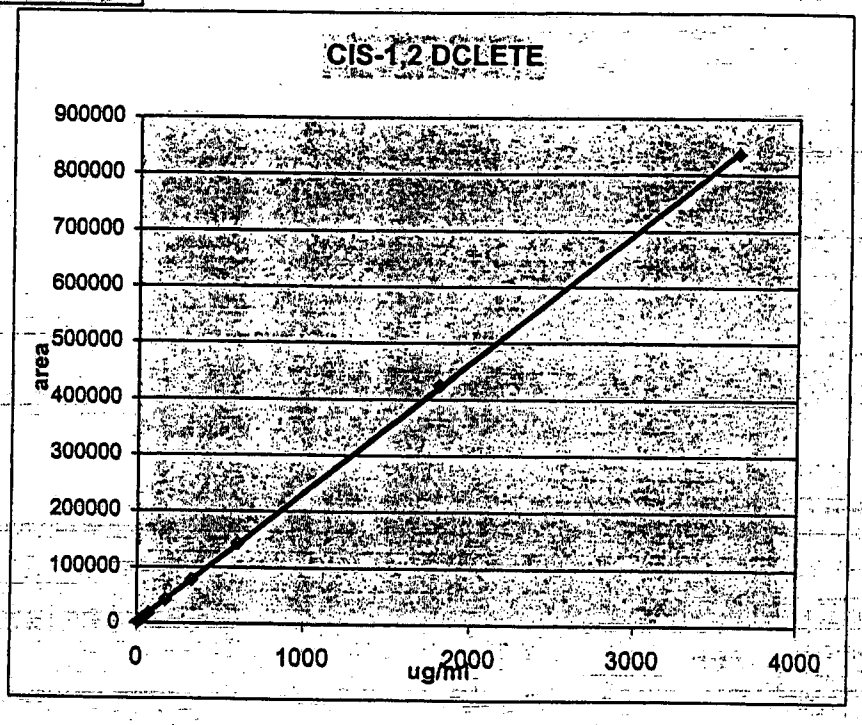
| | |
|---|---|
| Compound: | CIS-1,2 DCLETE |
| Instru #: | HP-2A |
| Column: | RTX 502.2 |
| Date: | 12/13/01 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 3624 | 835721 |
| 1812 | 424961 |
| 604 | 143335 |
| 329.45 | 77836 |
| 172.6 | 41460 |
| 71.1 | 16962 |
| 35.9 | 8525 |
| 18 | 4319 |
| 6.46 | 1543 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




**Average Response Factor**

used pts:

| ug/ml | area | RF | % D |
|---|---|---|---|
| 3624 | 835721 | 231 | -2.73% |
| 1812 | 424961 | 235 | -1.08% |
| 604 | 143335 | 237 | 0.10% |
| 329.45 | 77836 | 236 | -0.35% |
| 172.6 | 41460 | 240 | 1.32% |
| 71.1 | 16962 | 239 | 0.63% |
| 35.9 | 8525 | 237 | 0.16% |
| 18 | 4319 | 240 | 1.21% |
| 6.46 | 1543 | 239 | 0.75% |

| | |
|---|---|
| Avg RF= | 237 |
| Std Dev= | 3.0132941 |
| RSD %= | 1.27% |

unused pts:

| | | | |
|---|---|---|---|
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 80856 | 341.046 | 341.5 | 100% |
| 81253 | 342.7205 | 341.5 | 100% |
| 42817 | 180.5997 | 178.9 | 101% |
| 42975 | 181.2661 | 178.9 | 101% |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 12/13/01 Task: L77243 Client: Roy F. Weston

Instrument: HP-2A Detector: FID Column:

Injection Size: 1ul Sequence: 121301.seq Conditions: hp#2_orgprof.mth

Standard Number: IH13015

QCCS Number: IH13004

STANDARD PREPARATION File ID: IH13015

Eluent: CS2 Weight: 1.2600 Density: 1.26 Initials: MC

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: Trans-1,2 DCLETE | g: .0037 | Anlyt: CCL4 | g: .0047 | Anlyt: PDCLBZ | g: .0057 |
| Anlyt: 11DCLET | g: .0035 | Anlyt: 12DCLET | g: .0037 | Anlyt: BZCL | g: .0033 |
| Anlyt: Cis-1,2 DCLETE | g: .0038 | Anlyt: 112TCLET | g: .0043 | Anlyt: ODCLBZ | g: .0038 |
| Anlyt: CLF | g: .0044 | Anlyt: CLBZ | g: .0033 | Anlyt: HXCLETA | g: .0042 |
| Anlyt: MC | g: .0040 | Anlyt: BROF | g: .0088 | Anlyt: | g: |

Total Weight: 1.3212 (g) Total Vol: 1.04857 (ml) Std Prep Date: 12/13/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | Cis-1,2 DCLETE | | | | | |
| *Lo | | 3624 | 835721 | | | x = 237 |
| 1:2 | | 1812 | 424961 | | | |
| 1:6 | | 604 | 143335 | | | n-1 = 3.013294 |
| 1:11 | | 329.45 | 77836 | | 12.92 | |
| 1:21 | | 172.6 | 41460 | | | RSD = 1.27% |
| 1:51 | | 71.1 | 16962 | | | |
| 1:101 | | 35.9 | 8525 | | | or |
| 1:201 | | 18.0 | 4319 | | | |
| 1:521 | | 6.46 | 1543 | | | Corr = |
| | | | | | | |
| QCCS | IH13004 | 3757 | | | | m = |
| 1:11 | | 341.5 | 80852 | | | |
| 1:21 | | 178.9 | 42817 | | | b = |
| 1:11 | | 341.5 | 81253 | | | |
| 1:21 | | 178.9 | 42975 | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

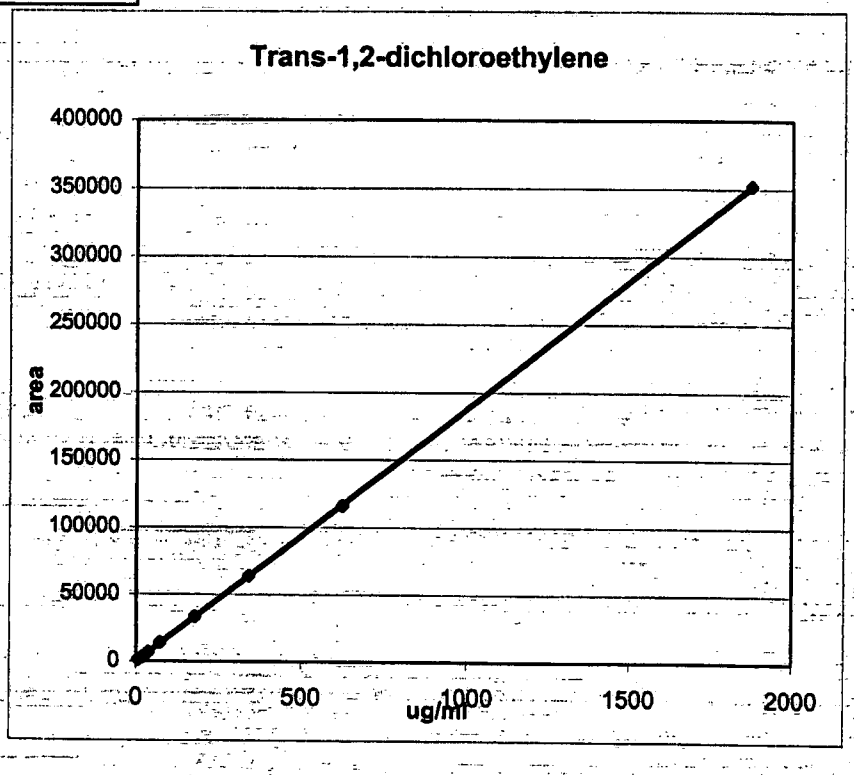
| | |
|---|---|
| **Compound:** | Trans-1,2-dichloroethylene |
| **Instru #:** | HP#2 |
| **Column:** | RTX-502.2 |
| **Date:** | 08/23/00 |

***Remember to "Save As" and rename file!***

| ug/ml | area |
|---|---|
| 6.7 | 1353 |
| 18.6 | 3388 |
| 37.1 | 6765 |
| 73.4 | 13955 |
| 178.4 | 33277 |
| 340.5 | 63779 |
| 624.3 | 116060 |
| 1873 | 352335 |
| | |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




**Average Response Factor**

used pts:

| ug/ml | area | RF | % D |
|---|---|---|---|
| 6.7 | 1353 | 202 | 7.39% |
| 18.6 | 3388 | 182 | -3.14% |
| 37.1 | 6765 | 182 | -3.03% |
| 73.4 | 13955 | 190 | 1.10% |
| 178.4 | 33277 | 187 | -0.81% |
| 340.5 | 63779 | 187 | -0.39% |
| 624.3 | 116060 | 186 | -1.14% |
| 1873 | 352335 | 188 | 0.03% |
| | | | |

| | |
|---|---|
| **Avg RF=** | 188 |
| **Std Dev=** | 6.2341499 |
| **RSD %=** | 3.32% |

unused pts:

| | | | |
|---|---|---|---|
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |

# Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 8-22-00 Task: L62816 Client: ALCOA

Instrument: HP#2 Dectector: ECD Column: RTX-502.2

Injection Size: 1µl Sequence: HP-2082200 Conditions:

Standard Number: 10734

QCCS Number: 10706

1.2698
cis = .00
trans = .0

**STANDARD PREPARATION** File ID:

Eluent: $CS_2$ Weight: 1.2701 Density: 1.26 Initials:

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: cis-1,2-DCLETE | g: .0041 | Anlyt: | g: | Anlyt: | g: |
| Anlyt: trans-1,2-DCLETE | g: .0038 | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |

Total Weight: 1.278 (g) Total Vol: 1.0143 (ml) Std Prep Date:

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | trans-1,2-DCLETE | | | | | |
| *Lo | | 3.46 | | | | x = |
| 1:56 | | 6.7 | 1353 | | 10.12 | |
| 1:20 | | 18.6 | 3388 | | | n-1 = |
| 1:10 | | 37.1 | 6765 | | | |
| 1:5 | | 73.4 | 13955 | | | RSD = |
| 1:2 | | 178.4 | 33277 | | | |
| 1:1 | | 346.5 | 63779 | | | or |
| 1:6 | | 624.3 | 116060 | | | |
| 1:2 | | 1873 | 352335 | | | Corr = |
| | | | | | | |
| STD#10706 | | 3.45 | | | | m = |
| QCCS 1:2 | | 187.8 | 33763 | | | |
| 1:1 | | 358.6 | 65001 | | | b = |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: Calculated By: L. Lemmie Date: 8-23-00

Checked By: Date:

*Not performed for most multi-component standards.

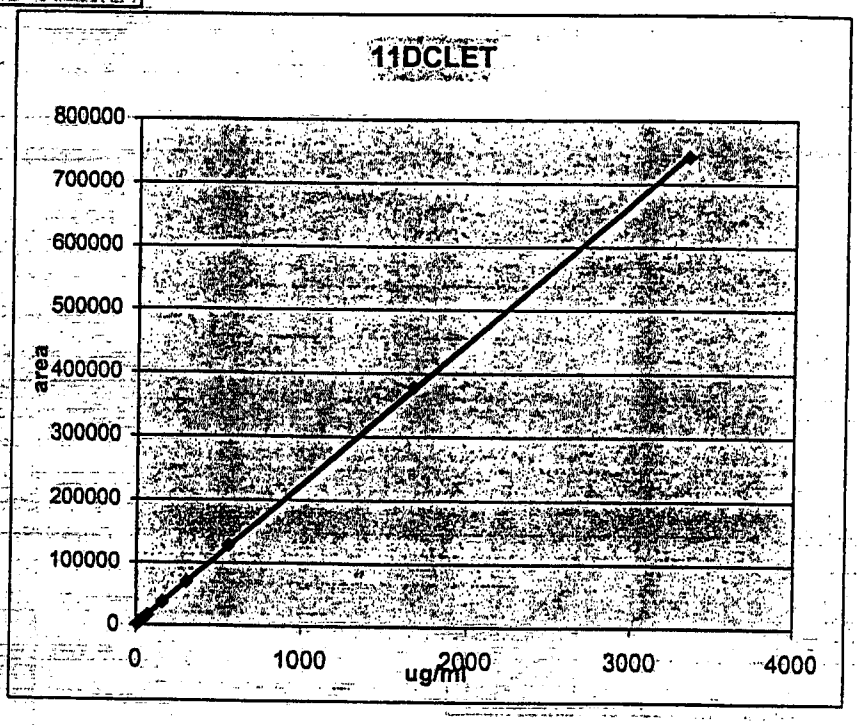
| | |
|---|---|
| Compound: | 11DCLET |
| Instru #: | HP-2A |
| Column: | RTX 502.2 |
| Date: | 12/13/01 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 3338 | 742750 |
| 1669 | 377660 |
| 556.3 | 127606 |
| 303.45 | 69212 |
| 159 | 36914 |
| 65.45 | 15100 |
| 33 | 7603 |
| 16.6 | 3852 |
| 5.95 | 1379 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




Average Response Factor

used pts:

| ug/ml | area | RF | % D |
|---|---|---|---|
| 3338 | 742750 | 223 | -2.94% |
| 1669 | 377660 | 226 | -1.30% |
| 556.3 | 127606 | 229 | 0.05% |
| 303.45 | 69212 | 228 | -0.51% |
| 159 | 36914 | 232 | 1.27% |
| 65.45 | 15100 | 231 | 0.63% |
| 33 | 7603 | 230 | 0.49% |
| 16.6 | 3852 | 232 | 1.22% |
| 5.95 | 1379 | 232 | 1.09% |

| | |
|---|---|
| Avg RF= | 229 |
| Std Dev= | 3.195059 |
| RSD %= | 1.39% |

unused pts:

| | | | |
|---|---|---|---|
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 72729 | 317.2336 | 309.9 | 102% |
| 38920 | 169.7635 | 162.3 | 105% |
| 38003 | 165.7637 | 162.3 | 102% |
| 0 | 0 | 0 | #DIV/0! |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 12/13/01 Task: L77243 Client: Roy F. Weston

Instrument: HP-2A Detector: FID Column:

Injection Size: 1ul Sequence: 12120l.seq Conditions: hp#2_orgprof.mth

Standard Number: IH13015

QCCS Number: IH13005

STANDARD PREPARATION File ID: IH13015

Eluent: CS2 Weight: 1.2600 Density: 1.26 Initials: MC

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: Trans-1,2 DCLETE | g: .0037 | Anlyt: CCL4 | g: .0047 | Anlyt: PDCLBZ | g: .0057 |
| Anlyt: 11DCLET | g: .0035 | Anlyt: 12DCLET | g: .0037 | Anlyt: BZCL | g: .0033 |
| Anlyt: Cis-1,2 DCLETE | g: .0038 | Anlyt: 112TCLET | g: .0043 | Anlyt: ODCLBZ | g: .0038 |
| Anlyt: CLF | g: .0044 | Anlyt: CLBZ | g: .0033 | Anlyt: HXCLETA | g: .0042 |
| Anlyt: MC | g: .0040 | Anlyt: BROF | g: .0088 | Anlyt: | g: |

Total Weight: 1.3212 (g) Total Vol: 1.04857 (ml) Std Prep Date: 12/13/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | 11DCLET | | | | | |
| *Lo | | 3338 | 742780 | | | x = 229 |
| 1:2 | | 1669 | 377660 | | | |
| 1:6 | | 556.3 | 127606 | | | n-1 = 3,195059 |
| 1:11 | | 303.45 | 69212 | | 11.08 | |
| 1:21 | | 159.0 | 36914 | | | RSD = 1.39% |
| 1:51 | | 65.45 | 15100 | | | |
| 1:101 | | 33.0 | 7603 | | | or |
| 1:201 | | 16.6 | 3852 | | | |
| 1:521 | | 5.95 | 1379 | | | Corr = |
| | | | | | | |
| QCCS | IH13005 | 3409 | | | | m = |
| 1:11 | | 309.9 | 72729 | | | |
| 1:21 | | 162.3 | 38920 | | | b = |
| 1:21 | | 162.3 | 38053 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

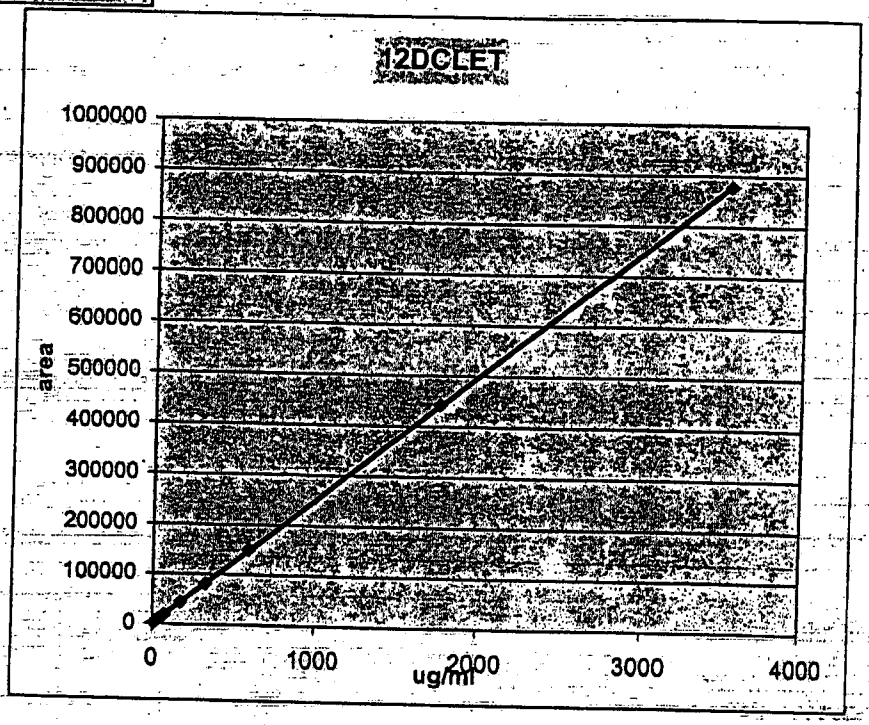
| | |
|---|---|
| Compound: | 12DCLET |
| Instru #: | HP-2A |
| Column: | RTX 502.2 |
| Date: | 12/13/01 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 3529 | 877945 |
| 1764.5 | 442908 |
| 588.2 | 149655 |
| 320.8 | 81166 |
| 168 | 43460 |
| 69.2 | 18132 |
| 34.9 | 9371 |
| 17.56 | 5023 |
| 6.29 | 2129 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




Average Response Factor

used pts:

| ug/ml | area | RF | % D |
|---|---|---|---|
| 3529 | 877903 | 249 | -7.08% |
| 1764.5 | 442866 | 251 | -6.26% |
| 588.2 | 149613 | 254 | -5.00% |
| 320.8 | 81124 | 253 | -5.55% |
| 168 | 43418 | 258 | -3.47% |
| 69.2 | 18090 | 261 | -2.36% |
| 34.9 | 9329 | 267 | -0.16% |
| 17.56 | 4981 | 284 | 5.95% |
| 6.29 | 2087 | 332 | 23.93% |

| | |
|---|---|
| Avg RF= | 268 |
| Std Dev= | 26.276709 |
| RSD %= | 9.81% |

unused pts:

| | | | |
|---|---|---|---|
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 80913 | 302.2138 | 336.5 | 90% |
| 43037 | 160.7452 | 176.3 | 91% |
| 42155 | 157.4509 | 176.3 | 89% |
| 0 | 0 | 0 | #DIV/0! |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 12/13/01 Task: L77243 Client: Roy F. Weston
Instrument: HP-2A Detector: FID Column: RTX 502.2
Injection Size: 1ul Sequence: 121201.seq Conditions: hp#2 orgprdlimth

Standard Number: IH13015
QCCS Number: IH13005

STANDARD PREPARATION File ID: IH13015

Eluent: CS2 Weight: 1.2600 Density: 1.26 Initials: fc

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: Trans-1,2DCLETE | g: .0037 | Anlyt: CCL4 | g: .0042 | Anlyt: PDCLBZ | g: .0057 |
| Anlyt: 11DCLET | g: .0035 | Anlyt: 12DCLET | g: .0037 | Anlyt: BZCL | g: .0033 |
| Anlyt: CIS-1,2DCLETE | g: .0038 | Anlyt: 112TCLET | g: .0043 | Anlyt: ODCLBZ | g: .0038 |
| Anlyt: CLF | g: .0044 | Anlyt: CLBZ | g: .0037 | Anlyt: HXCLETA | g: .0042 |
| Anlyt: MC | g: .0040 | Anlyt: BROF | g: .0088 | Anlyt: | g: |

Total Weight: 1.3212 (g) Total Vol: 1.04857 (ml) Std Prep Date: 12/13/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | 12DCLET | | | | | |
| Lo | | 3524 | 877903 | | | x = 268 |
| 1:2 | | 1764.5 | 442866 | | | |
| 1:6 | | 588.2 | 149613 | | | n-1 = 262270.9 |
| 1:11 | | 320.8 | 81124 | | | |
| 1:21 | | 168.0 | 43411 | | 16.30 | RSD = 9.81% |
| 1:51 | | 69.2 | 18090 | | | |
| 1:101 | | 34.9 | 9329 | | | or |
| 1:201 | | 17.56 | 4981 | | | |
| 1:501 | | 6.29 | 2087 | | | Corr = |
| | | | | | | |
| QCCS | IH13005 | 3702 | | | | m = |
| 1:11 | | 336.5 | 80913 | | | |
| 1:21 | | 176.3 | 43037 | | | b = |
| 1:21 | | 176.3 | 42155 | | | |
| | | | | | | |
| | * Area of Samples were Blank-corrected for | | | | | |
| | BZ coelution (-1140) | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

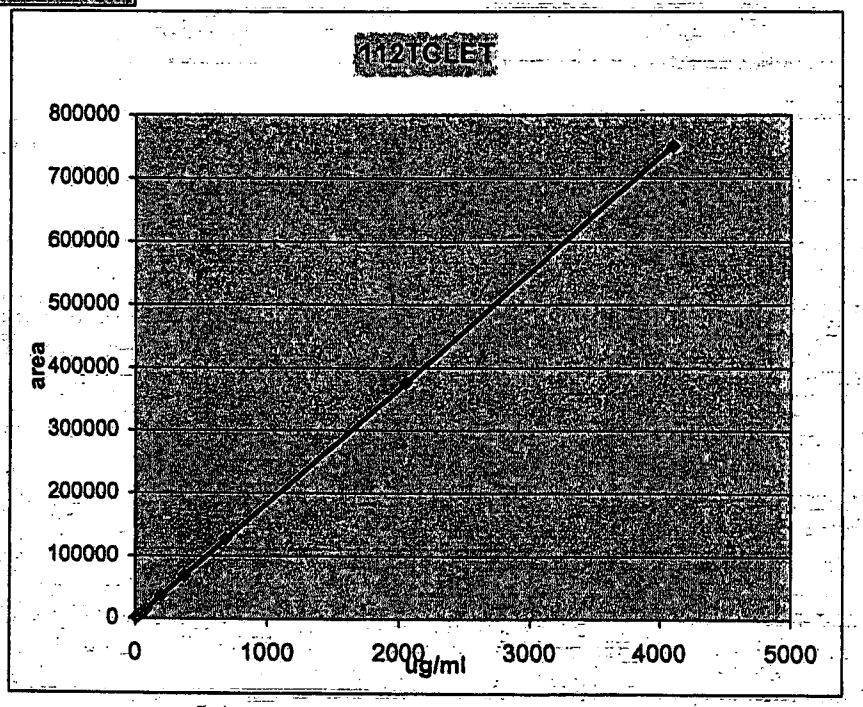
Compound: 112TCLET
Instru #: HP 2A
Column: RTX 502.2
Date: 12/13/01

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 4101 | 750817 |
| 2050.5 | 376804 |
| 683.5 | 126346 |
| 372.8 | 68021 |
| 195.3 | 36137 |
| 80.4 | 14615 |
| 40.6 | 7246 |
| 20.4 | 3617 |
| 7.31 | 1268 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




Average Response Factor

| | ug/ml | area | RF | % D. |
|---|---|---|---|---|
| used pts: | 4101 | 750817 | 183 | 1.08% |
| | 2050.5 | 376804 | 184 | 1.45% |
| | 683.5 | 126346 | 185 | 2.05% |
| | 372.8 | 68021 | 182 | 0.73% |
| | 195.3 | 36137 | 185 | 2.15% |
| | 80.4 | 14615 | 182 | 0.36% |
| | 40.6 | 7245 | 178 | -1.48% |
| | 20.4 | 3617 | 177 | -2.11% |
| | 7.31 | 1268 | 173 | -4.23% |
| unused pts: | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |

| | |
|---|---|
| Avg RF= | 181 |
| Std Dev= | 3.9155718 |
| RSD %= | 2.16% |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 67735 | 373.9557 | 371.9 | 101% |
| 36175 | 199.7172 | 194.8 | 103% |
| 36077 | 199.1762 | 194.8 | 102% |
| 0 | 0 | 0 | #DIV/0! |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 12/13/01 Task: L77243 Client: Roy F. Weston

Instrument: HP-2A Dectector: FID Column:

Injection Size: 1ul Sequence: 121201.seq Conditions: hp#2_organic.mth

Standard Number: IH13015

QCCS Number: IH13005

STANDARD PREPARATION File ID: IH13015

Eluent: CS2 Weight: 1.2600 Density: 1.26 Initials: MC

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: Trans-1,2 DCLETE | g: .0037 | Anlyt: CCL4 | g: .0047 | Anlyt: PDCLBZ | g: .0057 |
| Anlyt: 11DCLET | g: .0035 | Anlyt: 12DCLET | g: .0037 | Anlyt: BZCL | g: .0033 |
| Anlyt: Cis-1,2 DCLETE | g: .0038 | Anlyt: 112TCLET | g: .0043 | Anlyt: ODCLBZ | g: .0038 |
| Anlyt: CLF | g: .0044 | Anlyt: CLBZ | g: .0033 | Anlyt: HXCLETA | g: .0042 |
| Anlyt: MC | g: .0040 | Anlyt: BROF | g: .0088 | Anlyt: | g: |

Total Weight: 1.3212 (g) Total Vol: 1.04857 (ml) Std Prep Date: 12/13/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | 112 TCLET | | | | | |
| *Lo | | 4.01 | 7808.17 | | | x = 181 |
| 1:2 | | 20.05 | 37680.4 | | | |
| 1:6 | | 68.35 | 126346 | | | n-1 = 39155718 |
| 1:11 | | 37.28 | 68021 | | 26.41 | |
| 1:21 | | 19.53 | 36137 | | | RSD = 2.167 |
| 1:51 | | 80.4 | 14615 | | | |
| 1:101 | | 40.6 | 7245 | | | or |
| 1:201 | | 20.4 | 3617 | | | |
| 1:521 | | 7.31 | 1268 | | | Corr = |
| | | | | | | |
| QCCS | IH13005 | 40.91 | | | | m = |
| 1:11 | | 37.19 | 67735 | | | |
| 1:21 | | 19.48 | 36178 | | | b = |
| 1:21 | | 19.48 | 36577 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

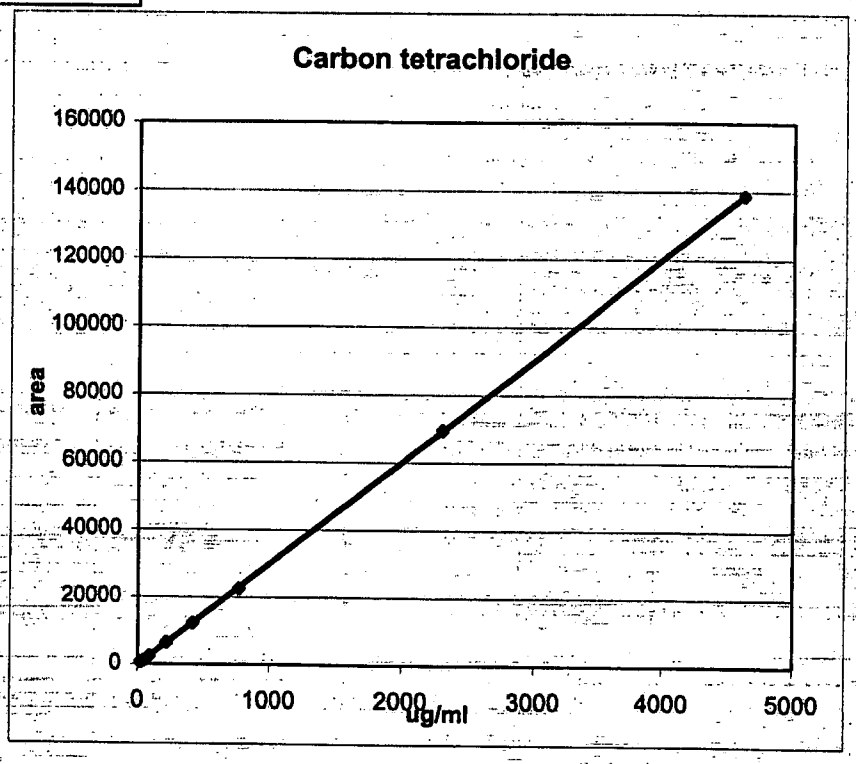
| | |
|---|---|
| Compound: | Carbon tetrachloride |
| Instru #: | HP#2 |
| Column: | RTX-502.2 |
| Date: | 04/07/00 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 23 | 633 |
| 46 | 1166 |
| 91 | 2487 |
| 220 | 6393 |
| 420 | 12278 |
| 770 | 22552 |
| 2309 | 69585 |
| 4619 | 138848 |
| | |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




**Average Response Factor**

used pts:

| ug/ml | area | RF | % D |
|---|---|---|---|
| 23 | 633 | 28 | -3.42% |
| 46 | 1166 | 25 | -11.05% |
| 91 | 2487 | 27 | -4.10% |
| 220 | 6393 | 29 | 1.97% |
| 420 | 12278 | 29 | 2.58% |
| 770 | 22552 | 29 | 2.78% |
| 2309 | 69585 | 30 | 5.75% |
| 4619 | 138848 | 30 | 5.49% |
| | | | |

| | |
|---|---|
| Avg RF= | 28 |
| Std Dev= | 1.6408471 |
| RSD %= | 5.76% |

unused pts:

| | | | |
|---|---|---|---|
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |

# Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 4/7/00 Task: L58977 Client: IHI ENV.
Instrument: HP-2 Dectector: FID Column: RTX-502.2
Injection Size: 1.1 Sequence: Conditions:

Standard Number: 10226
QCCS Number: 10170

**STANDARD PREPARATION** File ID:

Eluent: $CS_2$ Weight: 1.2632 Density: 1.26 Initials: JK

| Anlyt | g | Anlyt | g | Anlyt | g |
|---|---|---|---|---|---|
| ETOH | 0.0024 | | | | |
| CLF | 0.0044 | | | | |
| CCl4 | 0.0047 | | | | |
| THF | 0.0026 | | | | |
| TETCLETE | 0.0049 | | | | |

Total Weight: 1.2822 (g) Total Vol: 1.0176 (ml) Std Prep Date: 4/7/00

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | | 4619 | 138848 | | | |
| *Lo | | | | | | x = 28 |
| 1:561 | | 8.2 | 0 | | | |
| 1:201 | | 23.0 | 633 | | | n-1 = |
| 1:101 | | 46 | 1166 | | | |
| 1:51 | | 91 | 2487 | | | RSD = 5.76% |
| 1:21 | | 220 | 6393 | | | |
| 1:11 | | 420 | 12278 | | | or |
| 1:6 | | 770 | 22552 | | | |
| 1:2 | | 2309 | 69585 | | | Corr = |
| | | | | | | |
| | | | | | | m = |
| QCCS | STOCK | | | | | |
| 1:21 | | 228 | 6852 | | | b = |
| 1:11 | | 436 | 12678 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: Calculated By: JK Date: 4/10/00
Checked By: Date:

*Not performed for most multi-component standards.

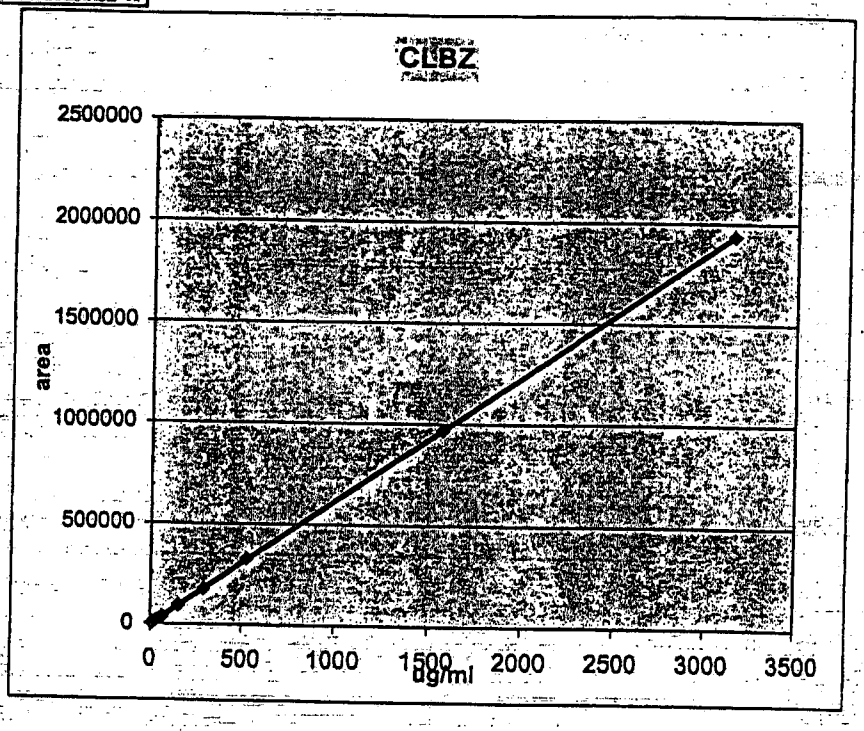
| | |
|---|---|
| Compound: | CHLOROBENZENE |
| Instru #: | HP-2A |
| Column: | RTX 502.2 |
| Date: | 12/13/01 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 3147 | 1934073 |
| 1573.5 | 968926 |
| 524.5 | 326024 |
| 286.1 | 174968 |
| 149.9 | 92989 |
| 61.7 | 37675 |
| 31.16 | 18788 |
| 15.66 | 9283 |
| 5.61 | 3247 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




Average Response Factor

| | ug/ml | area | RF | % D |
|---|---|---|---|---|
| used pts: | 3147 | 1934073 | 615 | 1.14% |
| | 1573.5 | 968926 | 616 | 1.33% |
| | 524.5 | 326024 | 622 | 2.29% |
| | 286.1 | 174968 | 612 | 0.64% |
| | 149.9 | 92989 | 620 | 2.09% |
| | 61.7 | 37675 | 611 | 0.49% |
| | 31.16 | 18788 | 603 | -0.78% |
| | 15.66 | 9283 | 593 | -2.45% |
| | 5.61 | 3247 | 579 | -4.75% |
| unused pts: | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |

| | |
|---|---|
| Avg RF= | 608 |
| Std Dev= | 14.007086 |
| RSD %= | 2.31% |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 173433 | 285.4088 | 292.3 | 98% |
| 92743 | 152.5725 | 153.1 | 100% |
| 93589 | 154.0141 | 153.1 | 101% |
| 0 | 0 | 0 | #DIV/0! |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 12/13/01 Task: L77243 Client: Roy F. Weston

Instrument: HP-2A Detector: FID Column:

Injection Size: 1ul Sequence: 121201.seq Conditions: hp#2_orgprof.mth

Standard Number: IH 3015

QCCS Number: IH 13005

STANDARD PREPARATION File ID: IH13015

Eluent: CS2 Weight: 1.2600 Density: 1.26 Initials: MC

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: Trans-1,2 DCLETE | g: .0037 | Anlyt: CCL4 | g: .0047 | Anlyt: PDCLBZ | g: .0057 |
| Anlyt: 11DCLET | g: .0035 | Anlyt: 12DCLET | g: .0037 | Anlyt: BZCL | g: .0033 |
| Anlyt: Cis-1,2 DCLETE | g: .0038 | Anlyt: 112TCLET | g: .0043 | Anlyt: ODCLBZ | g: .0038 |
| Anlyt: CLF | g: .0044 | Anlyt: CLBZ | g: .0033 | Anlyt: HXCLETA | g: .0042 |
| Anlyt: MC | g: .0040 | Anlyt: BRDF | g: .0088 | Anlyt: | g: |

Total Weight: 1.3212 (g) Total Vol: 1.04857 (ml) Std Prep Date: 12/13/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | CLBZ | | | | | |
| *Lo | | 3147 | 1934073 | | | x= 608 |
| 1:2 | | 1573.5 | 968926 | | | |
| 1:6 | | 524.5 | 326024 | | | n-1 = 14.007086 |
| 1:11 | | 286.1 | 174968 | | 32.65 | |
| 1:21 | | 149.9 | 92989 | | | RSD = 2.31% |
| 1:51 | | 61.7 | 37675 | | | |
| 1:101 | | 31.16 | 18788 | | | or |
| 1:201 | | 15.66 | 9283 | | | |
| 1:501 | | 5.61 | 3247 | | | Corr = |
| | | | | | | |
| QCCS | IH13005 | 3215 | | | | m = |
| 1:11 | | 2923 | 173433 | | | |
| 1:21 | | 153.1 | 92313 | | | b = |
| 1:21 | | 153.1 | 93589 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

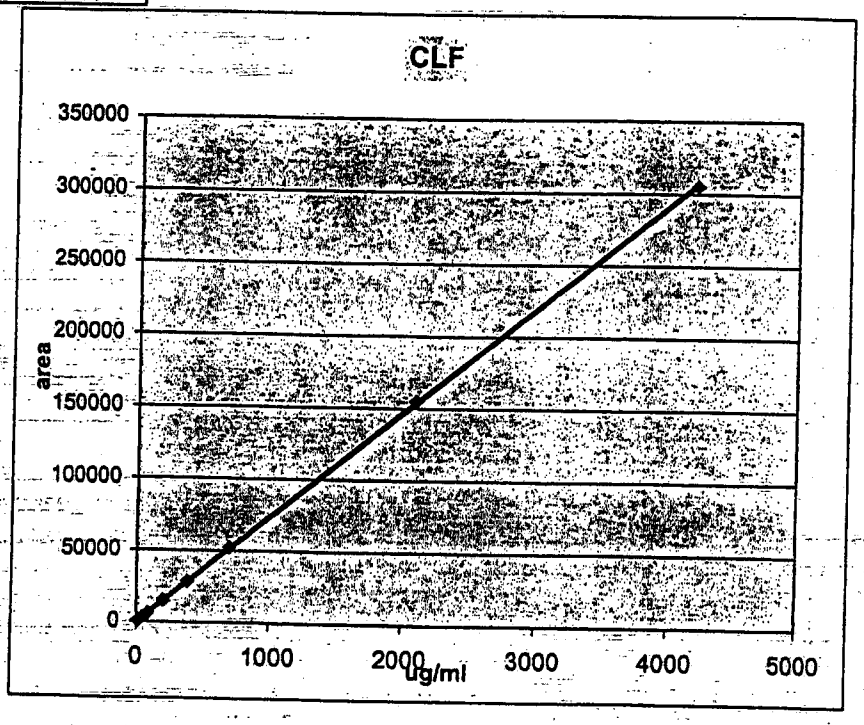
| | |
|---|---|
| Compound: | CHLOROFORM |
| Instru #: | HP-2A |
| Column: | RTX 502.2 |
| Date: | 12/13/01 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 4196 | 305292 |
| 2098 | 155096 |
| 699.3 | 52311 |
| 381.45 | 28363 |
| 199.8 | 15156 |
| 82.3 | 6205 |
| 41.5 | 3130 |
| 20.9 | 1584 |
| 7.48 | 566 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




**Average Response Factor**

used pts:

| ug/ml | area | RF | % D |
|---|---|---|---|
| 4196 | 305292 | 73 | -2.84% |
| 2098 | 155096 | 74 | -1.28% |
| 699.3 | 52311 | 75 | -0.11% |
| 381.45 | 28363 | 74 | -0.71% |
| 199.8 | 15156 | 76 | 1.30% |
| 82.3 | 6205 | 75 | 0.68% |
| 41.5 | 3130 | 75 | 0.72% |
| 20.9 | 1584 | 76 | 1.21% |
| 7.48 | 566 | 76 | 1.04% |

| | |
|---|---|
| Avg RF= | 75 |
| Std Dev= | 1.0400753 |
| RSD %= | 1.39% |

unused pts:

| | | | |
|---|---|---|---|
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 29269 | 390.8472 | 389.6 | 100% |
| 15827 | 211.3478 | 204.1 | 104% |
| 15451 | 206.3268 | 204.1 | 101% |
| 0 | 0 | 0 | #DIV/0! |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 12/13/01 Task: L77243 Client: Roy F. Weston

Instrument: HP-2A Detector: FID Column:

Injection Size: 1ul Sequence: 121201.seq Conditions: hp#2_orgprof.mth

Standard Number: IH13015

QCCS Number: IH13005

STANDARD PREPARATION File ID: IH13015

Eluent: CS2 Weight: 1.2600 Density: 1.26 Initials: MC

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: Trans-1,2 DCLETE | g: .0037 | Anlyt: CCL4 | g: .0047 | Anlyt: PDCLBZ | g: .0057 |
| Anlyt: 11DCLET | g: .0035 | Anlyt: 12DCLET | g: .0037 | Anlyt: BZCL | g: .0033 |
| Anlyt: Cis-1,2 DCLETE | g: .0038 | Anlyt: 112TCLET | g: .0043 | Anlyt: ODCLBZ | g: .0038 |
| Anlyt: CLF | g: .0044 | Anlyt: CLBZ | g: .0033 | Anlyt: HXCLETA | g: .0042 |
| Anlyt: MC | g: .0040 | Anlyt: BROF | g: .0088 | Anlyt: | g: |

Total Weight: 1.3212 (g) Total Vol: 1.04857 (ml) Std Prep Date: 12/13/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | CLF | | | | | |
| *Lo | | 4196 | 305292 | | | x = 75 |
| 1:2 | | 2098 | 155096 | | | |
| 1:6 | | 699.3 | 52311 | | | n-1 = 1.040583 |
| 1:11 | | 381.45 | 28363 | | 13.44 | |
| 1:21 | | 199.8 | 15156 | | | RSD = 1.39% |
| 1:51 | | 82.3 | 6205 | | | |
| 1:101 | | 41.5 | 3130 | | | or |
| 1:201 | | 20.9 | 1584 | | | |
| 1:501 | | 7.48 | 566 | | | Corr = |
| | | | | | | |
| QCCS | IH13005 | 4286 | | | | m = |
| 1:11 | | 389.6 | 29269 | | | |
| 1:21 | | 204.1 | 15827 | | | b = |
| 1:21 | | 204.1 | 15751 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

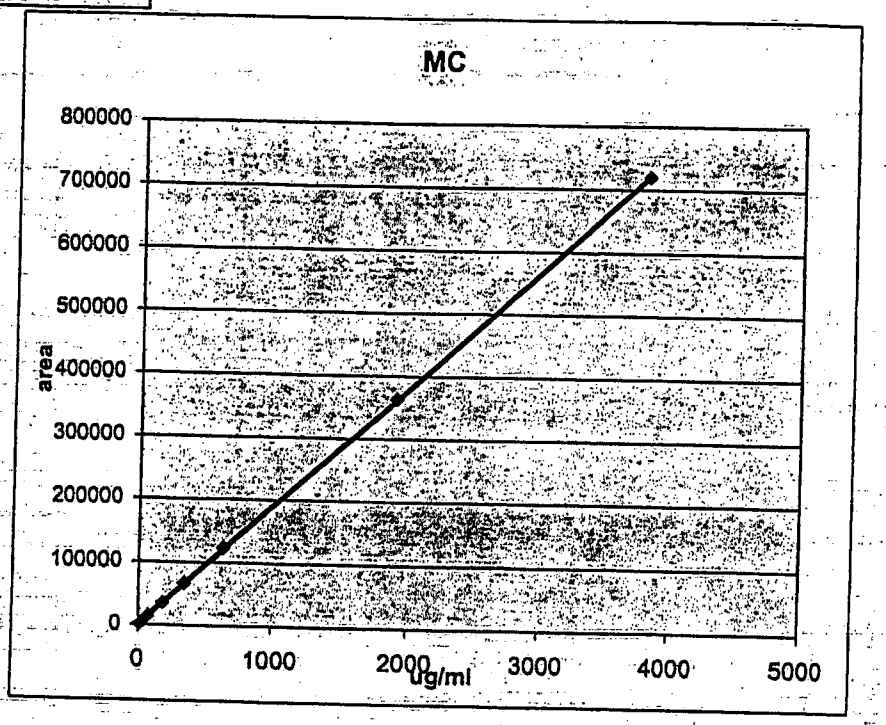
| | |
|---|---|
| Compound: | METHYL CHLOROFORM |
| Instru #: | HP-2A |
| Column: | RTX 502.2 |
| Date: | 12/13/01 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 3815 | 719683 |
| 1907.5 | 362897 |
| 635.8 | 122762 |
| 346.8 | 66425 |
| 181.7 | 35414 |
| 74.8 | 14508 |
| 37.8 | 7288 |
| 19 | 3690 |
| 6.8 | 1312 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




Average Response Factor

used pts:

| ug/ml | area | RF | % D |
|---|---|---|---|
| 3815 | 719683 | 189 | -1.99% |
| 1907.5 | 362897 | 190 | -1.16% |
| 635.8 | 122762 | 193 | 0.31% |
| 346.8 | 66425 | 192 | -0.49% |
| 181.7 | 35414 | 195 | 1.26% |
| 74.8 | 14508 | 194 | 0.77% |
| 37.8 | 7288 | 193 | 0.17% |
| 19 | 3690 | 194 | 0.90% |
| 6.8 | 1312 | 193 | 0.24% |

| | |
|---|---|
| Avg RF= | 192 |
| Std Dev= | 2.0096181 |
| RSD %= | 1.04% |

unused pts:

| | | | |
|---|---|---|---|
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 66617 | 346.0964 | 345.4 | 100% |
| 35664 | 185.2858 | 180.9 | 102% |
| 35259 | 183.1817 | 180.9 | 101% |
| 0 | 0 | 0 | #DIV/0! |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 12/13/01 Task: L77243 Client: Roy F. Weston

Instrument: HP-2A Detector: FID Column:

Injection Size: 1ul Sequence: 12/20/1.seq Conditions: hp#2 - orgprof.mth

Standard Number: IH13015

QCCS Number: IH13005

STANDARD PREPARATION File ID: IH13015

Eluent: CS2 Weight: 1.2600 Density: 1.26 Initials: MC

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: Trans-1,2 DCLETE | g: .0037 | Anlyt: CCL4 | g: .0047 | Anlyt: DDCLBZ | g: .0057 |
| Anlyt: 11DCLET | g: .0035 | Anlyt: 12DCLET | g: .0037 | Anlyt: BZCL | g: .0033 |
| Anlyt: Cis-1,2 DCLETE | g: .0038 | Anlyt: 112TCLET | g: .0043 | Anlyt: ODCLBZ | g: .0038 |
| Anlyt: CLF | g: .0044 | Anlyt: CLBZ | g: .0033 | Anlyt: HXCLETA | g: .0042 |
| Anlyt: MC | g: .0040 | Anlyt: BROF | g: .0088 | Anlyt: | g: |

Total Weight: 1.3212 (g) Total Vol: 1.04857 (ml) Std Prep Date: 12/13/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | MC | | | | | |
| *Lo | | 3.15 | 719683 | | | x = 192 |
| 1:2 | | 19.75 | 362897 | | | |
| 1:6 | | 63.5.8 | 122762 | | | |
| 1:11 | | 346.8 | 66425 | | 14.83 | n-1 = 2.0696141 |
| 1:21 | | 181.7 | 35414 | | | |
| 1:51 | | 74.8 | 14508 | | | RSD = 1.047 |
| 1:101 | | 37.8 | 7288 | | | |
| 1:201 | | 19.0 | 3690 | | | or |
| 1:521 | | 6.8 | 1312 | | | |
| | | | | | | Corr = |
| QCCS | IH13005 | 37.99 | | | | |
| 1:11 | | 345.4 | 66617 | | | m = |
| 1:21 | | 180.9 | 35664 | | | |
| 1:21 | | 180.9 | 35259 | | | b = |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

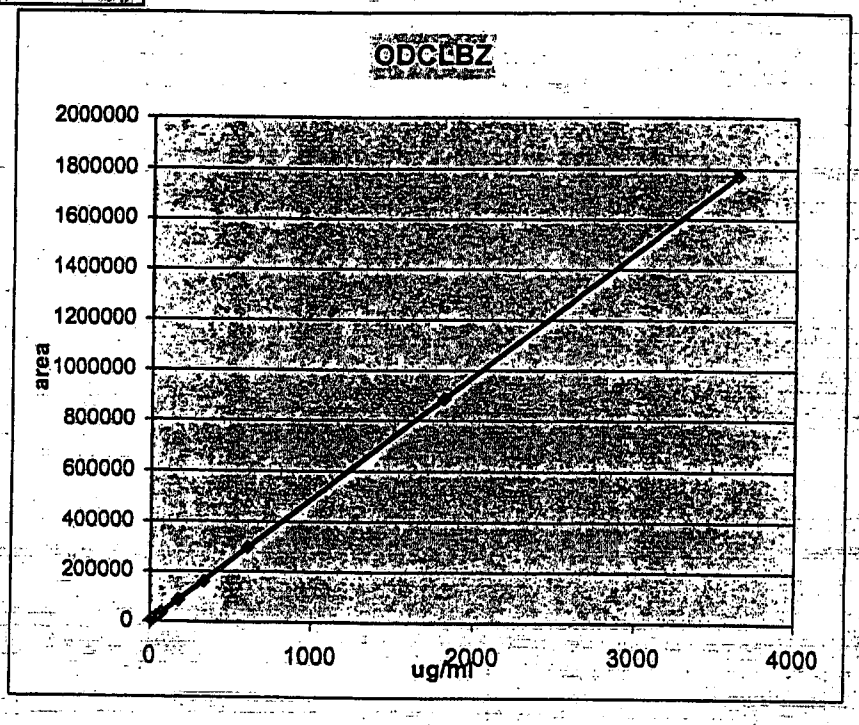
| | |
|---|---|
| Compound: | O-DICHLOROBENZENE |
| Instru #: | HP-2A |
| Column: | RTX 502.2 |
| Date: | 12/13/01 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 3624 | 1771315 |
| 1812 | 885769 |
| 604 | 296477 |
| 329.45 | 158942 |
| 172.6 | 84445 |
| 71.1 | 35638 |
| 35.9 | 17874 |
| 18 | 9101 |
| 6.46 | 3461 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




Average Response Factor

| | ug/ml | area | RF | % D |
|---|---|---|---|---|
| used pts: | 3624 | 1771315 | 489 | -1.82% |
| | 1812 | 885769 | 489 | -1.81% |
| | 604 | 296477 | 491 | -1.40% |
| | 329.45 | 158942 | 482 | -3.09% |
| | 172.6 | 84445 | 489 | -1.73% |
| | 71.1 | 35638 | 501 | 0.68% |
| | 35.9 | 17874 | 498 | 0.01% |
| | 18 | 9101 | 506 | 1.56% |
| | 6.46 | 3461 | 536 | 7.61% |
| unused pts: | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |

| | |
|---|---|
| Avg RF= | 498 |
| Std Dev= | 15.939422 |
| RSD %= | 3.20% |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 160774 | 322.9364 | 354.2 | 91% |
| 83721 | 168.165 | 185.5 | 91% |
| 85040 | 170.8144 | 185.5 | 92% |
| 0 | 0 | 0 | #DIV/0! |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 12/13/01 Task: L77243 Client: Roy F. Weston

Instrument: HP-2A Dectector: FID Column:

Injection Size: 1ul Sequence: 121201.seq Conditions: hp#2_organic.mth

Standard Number: IH13015

QCCS Number: IH13005

STANDARD PREPARATION File ID: IH13015

Eluent: CS2 Weight: 1.2600 Density: 1.26 Initials: MC

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: Trans-1,2 DCLETE | g: .0037 | Anlyt: CCL4 | g: .0047 | Anlyt: PDCLBZ | g: .0057 |
| Anlyt: 11DCLET | g: .0035 | Anlyt: 12DCLET | g: .0037 | Anlyt: BZCL | g: .0033 |
| Anlyt: Cis-1,2 DCLETE | g: .0038 | Anlyt: 112TCLET | g: .0043 | Anlyt: ODCLBZ | g: .0038 |
| Anlyt: CLF | g: .0044 | Anlyt: CLBZ | g: .0033 | Anlyt: HXCLETA | g: .0042 |
| Anlyt: MC | g: .0040 | Anlyt: BROF | g: .0088 | Anlyt: | g: |

Total Weight: 1.3212 (g) Total Vol: 1.04857 (ml) Std Prep Date: 12/13/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | ODCLBZ | | | | | |
| *Lo | | 3624 | 1771315 | | | x = 498 |
| 1:2 | | 1812 | 885769 | | | |
| 1:6 | | 604 | 296477 | | | n-1 = 15,939422 |
| 1:11 | | 329.45 | 158942 | | 50.21 | |
| 1:21 | | 172.6 | 84445 | | | RSD = 3.20% |
| 1:51 | | 71.1 | 35638 | | | |
| 1:101 | | 35.9 | 17874 | | | or |
| 1:201 | | 18.0 | 9101 | | | |
| 1:521 | | 6.46 | 3461 | | | Corr = |
| | | | | | | |
| QCCS | IH13005 | 3896 | | | | m = |
| 1:11 | | 354.2 | 16774 | | | |
| 1:21 | | 185.5 | 83721 | | | b = |
| 1:41 | | 185.5 | 85040 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

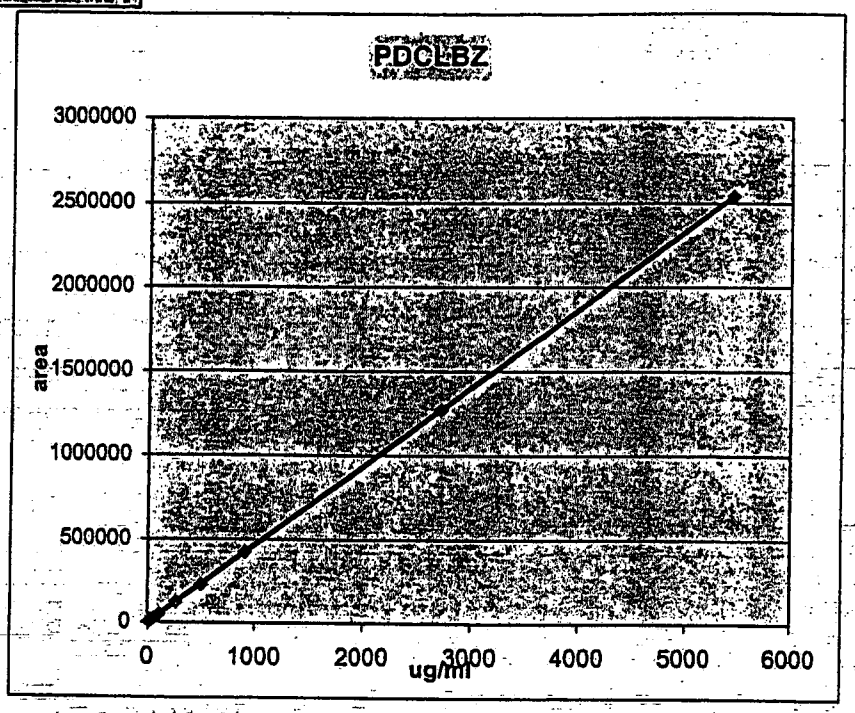
| | |
|---|---|
| Compound: | PARA-DICHLOROBENZENE |
| Instru #: | HP-2A |
| Column: | RTX 502.2 |
| Date: | 12/13/01 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 5436 | 2540145 |
| 2718 | 1270786 |
| 906 | 421128 |
| 494.2 | 227646 |
| 258.9 | 121144 |
| 106.6 | 49884 |
| 53.8 | 24634 |
| 27 | 12313 |
| 9.69 | 4099 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




**Average Response Factor**

| | ug/ml | area | RF | % D |
|---|---|---|---|---|
| used pts: | 5436 | 2540145 | 467 | 1.75% |
| | 2718 | 1270786 | 468 | 1.81% |
| | 906 | 421128 | 465 | 1.22% |
| | 494.2 | 227646 | 461 | 0.31% |
| | 258.9 | 121144 | 468 | 1.89% |
| | 106.6 | 49884 | 468 | 1.90% |
| | 53.8 | 24634 | 458 | -0.29% |
| | 27 | 12313 | 456 | -0.70% |
| | 9.69 | 4099 | 423 | -7.89% |
| unused pts: | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |

| | |
|---|---|
| Avg RF= | 459 |
| Std Dev= | 14.328584 |
| RSD %= | 3.12% |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 140878 | 306.7687 | 309.9 | 99% |
| 75072 | 163.4729 | 162.8 | 101% |
| 76383 | 166.3277 | 162.8 | 102% |
| 0 | 0 | 0 | #DIV/0! |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 12/13/01 Task: L77243 Client: Roy F. Weston

Instrument: HP-2A Dectector: FID Column:

Injection Size: 1ul Sequence: 121201.seq Conditions: hp#2 organofumigth

Standard Number: IH13015

QCCS Number: IH13005

STANDARD PREPARATION File ID: IH13015

Eluent: CS2 Weight: 1.2600 Density: 1.26 Initials: MC

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: Trans-1,2 DCLETE | g: .0037 | Anlyt: CCL4 | g: .0047 | Anlyt: PDCLBZ | g: .0057 |
| Anlyt: 11DCLET | g: .0035 | Anlyt: 12DCLET | g: .0037 | Anlyt: BZCL | g: .0033 |
| Anlyt: Cis-1,2 DCLETE | g: .0038 | Anlyt: 112TCLET | g: .0043 | Anlyt: ODCLBZ | g: .0038 |
| Anlyt: CLF | g: .0044 | Anlyt: CLBZ | g: .0033 | Anlyt: HXCLETA | g: .0042 |
| Anlyt: MC | g: .0040 | Anlyt: BROF | g: .0088 | Anlyt: | g: |

Total Weight: 1.3212 (g) Total Vol: 1.04857 (ml) Std Prep Date: 12/13/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | PDCLBZ | | | | | |
| *Lo | | 5436 | 2540145 | | | x = 459 |
| 1:2 | | 2718 | 1270786 | | | |
| 1:6 | | 906 | 421128 | | | n-1 = 14,328584 |
| 1:11 | | 494.2 | 227646 | | | |
| 1:21 | | 258.9 | 121144 | | 47.85 | RSD = 3.127 |
| 1:51 | | 106.6 | 49884 | | | |
| 1:101 | | 53.8 | 24634 | | | or |
| 1:201 | | 27.0 | 12313 | | | |
| 1:521 | | 9.69 | 4099 | | | Corr = |
| | | | | | | |
| QCCS | IH13005 | 3409 | | | | |
| 1:11 | | 309.9 | 140878 | | | m = |
| 1:21 | | 162.3 | 75072 | | | |
| 1:21 | | 162.3 | 76383 | | | b = |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

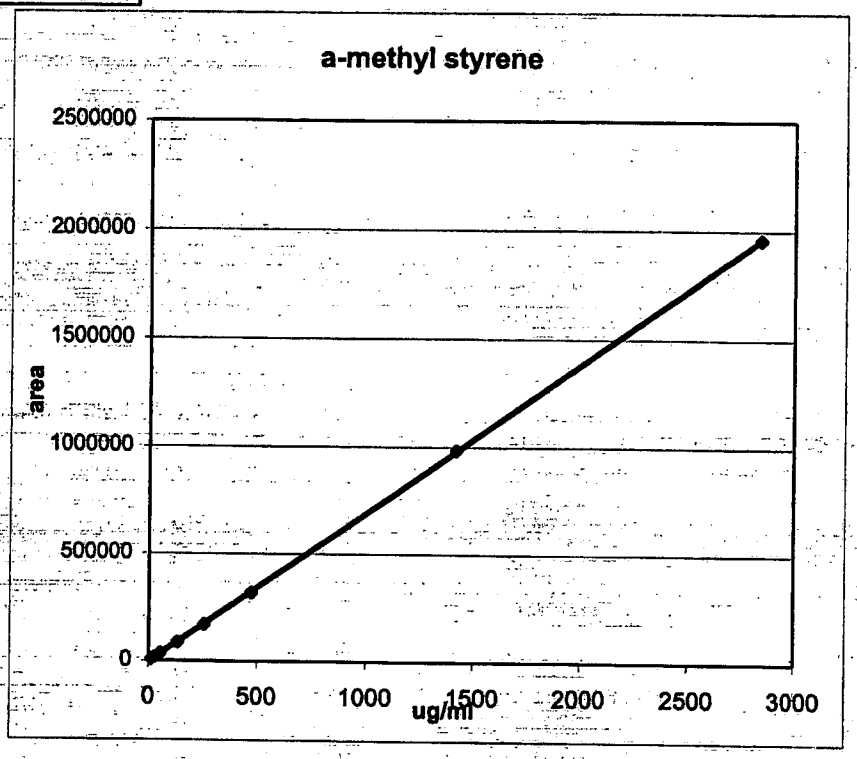
| | |
|---|---|
| Compound: | a-methyl styrene |
| Instru #: | HP#2 |
| Column: | RTX-502.2 |
| Date: | 04/25/99 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 14.1 | 9090 |
| 28.1 | 17984 |
| 55.7 | 35821 |
| 135 | 86736 |
| 258 | 170624 |
| 473 | 317641 |
| 1420 | 984524 |
| 2840 | 1959597 |
| | |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




**Average Response Factor**

used pts:

| ug/ml | area | RF | % D |
|---|---|---|---|
| 14.1 | 9090 | 645 | -2.44% |
| 28.1 | 17984 | 640 | -3.15% |
| 55.7 | 35821 | 643 | -2.68% |
| 135 | 86736 | 642 | -2.77% |
| 258 | 170624 | 661 | 0.08% |
| 473 | 317641 | 672 | 1.62% |
| 1420 | 984524 | 693 | 4.92% |
| 2840 | 1959597 | 690 | 4.42% |
| | | | |

| | |
|---|---|
| Avg RF= | 661 |
| Std Dev= | 21.932236 |
| RSD %= | 3.32% |

unused pts:

| | | | |
|---|---|---|---|
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 4/ /99 Task: Client:

Instrument: HP #2 Dectector: FID Column: DTX 502.2

Injection Size: 1DC Sequence: Conditions: 40-1-2-260-40

Standard Number: 8524

QCCS Number: 6741

STANDARD PREPARATION File ID:

Eluent: CS2 Weight: 10mL Density: Initials: JSG

Anlyt: AMEST4 g: .0284 Anlyt: g: Anlyt: g:

Anlyt: g: Anlyt: g: Anlyt: g:

Anlyt: g: Anlyt: g: Anlyt: g:

Anlyt: g: Anlyt: g: Anlyt: g:

Anlyt: g: Anlyt: g: Anlyt: g:

Total Weight: (g) Total Vol: (ml) Std Prep Date: 4/2d99

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | | 2840 | | | | |
| ~~20~~ | | | | | | |
| 1:56 | | 5.1 | 2829 | | | x = |
| 1:20 | | 14.1 | 9090 | | | |
| 1:10 | | 28.1 | 17984 | | | n-1 = |
| 1:5 | | 55.7 | 35821 | | | |
| 1:2 | | 135 | 86736 | | | RSD = |
| 1:1 | | 258 | 170624 | | | |
| 1:6 | | 473 | 317641 | | | or |
| 1:2 | | 1420 | 984524 | | | |
| | | | | | | Corr = |
| | | | | | | |
| | | | | | | m = |
| 1:21 QCCS | | 130 | 99059 | | | |
| 1:11 | | 248 | 183131 | | | b = |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: Calculated By: [signature] Date: 4/23/99

Checked By: Date:

*Not performed for most multi-component standards.

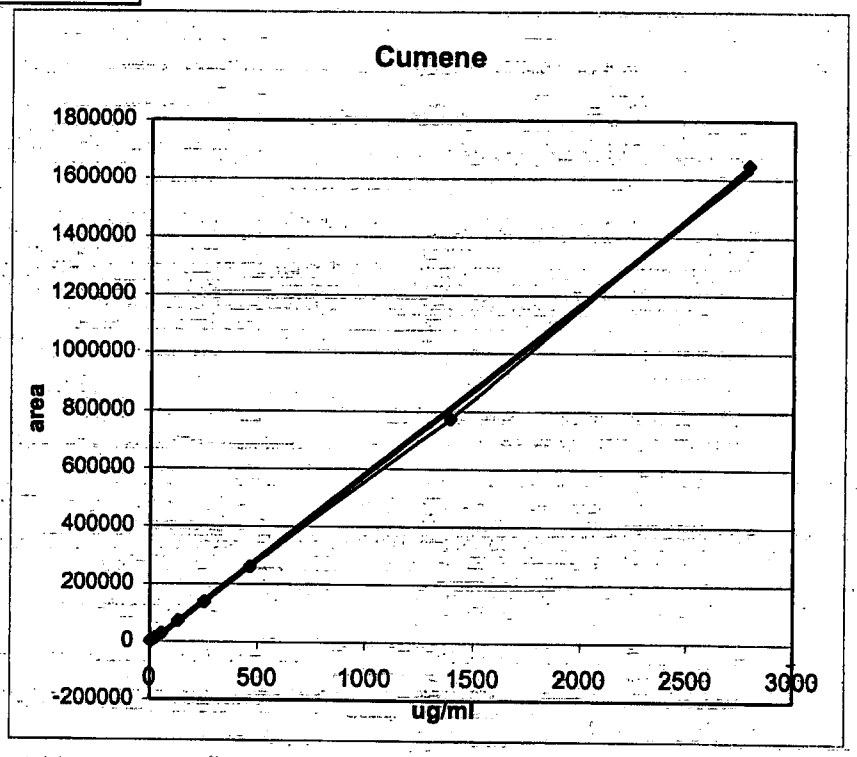
| | |
|---|---|
| Compound: | Cumene |
| Instru #: | HP#2 |
| Column: | RTX-502.2 |
| Date: | 05/15/01 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 5 | 2446 |
| 13.9 | 6841 |
| 27.6 | 14042 |
| 54.7 | 28890 |
| 132.8 | 72516 |
| 253.5 | 138937 |
| 464.7 | 260812 |
| 1394 | 774073 |
| 2788 | 1647533 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




**Average Response Factor**

used pts:

| ug/ml | area | RF | % D |
|---|---|---|---|
| 5 | 2446 | 489 | -8.65% |
| 13.9 | 6841 | 492 | -8.10% |
| 27.6 | 14042 | 509 | -5.00% |
| 54.7 | 28890 | 528 | -1.38% |
| 132.8 | 72516 | 546 | 1.96% |
| 253.5 | 138937 | 548 | 2.34% |
| 464.7 | 260812 | 561 | 4.80% |
| 1394 | 774073 | 555 | 3.69% |
| 2788 | 1647533 | 591 | 10.34% |

| | |
|---|---|
| Avg RF= | 536 |
| Std Dev= | 33.889755 |
| RSD %= | 6.33% |

unused pts:

| | | | |
|---|---|---|---|
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |

# Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 4/23/01 Task: _____ Client: _____

Instrument: HP#2 Dectector: FID Column: RTX-502.2

Injection Size: 1ul Sequence: 042301 Conditions: _____

Standard Number: IH12025

QCCS Number: IH12020

**STANDARD PREPARATION** File ID: _____

Eluent: CS2 Weight: 1.2626 Density: 1.26 Initials: _____

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: CUME | g: .0028 | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |

Total Weight: 1.2654 (g) Total Vol: 1.00428 (ml) Std Prep Date: _____

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | CUMENE | | | | | |
| *Lo | | 2788 | 1647533 | | | x = |
| 1:56 | | 5.0 | 2446 | | 38.86 | |
| 1:20 | | 13.9 | 6841 | | | n-1 = |
| 1:10 | | 27.6 | 14042 | | | |
| 1:5 | | 54.7 | 28890 | | | RSD = |
| 1:2 | | 132.8 | 72516 | | | |
| 1:1 | | 253.5 | 138937 | | | or |
| 1:6 | | 464.7 | 260812 | | | |
| 1:2 | | 1394 | 774073 | | | Corr = |
| | | | | | | |
| Std #12026 | | 2786 | | | | m = |
| 1:2 | | 132.7 | 57126 | | | |
| 1:1 | | 253.3 | 121185 | | | b = |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: L. Lum Date: 5/15/01

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

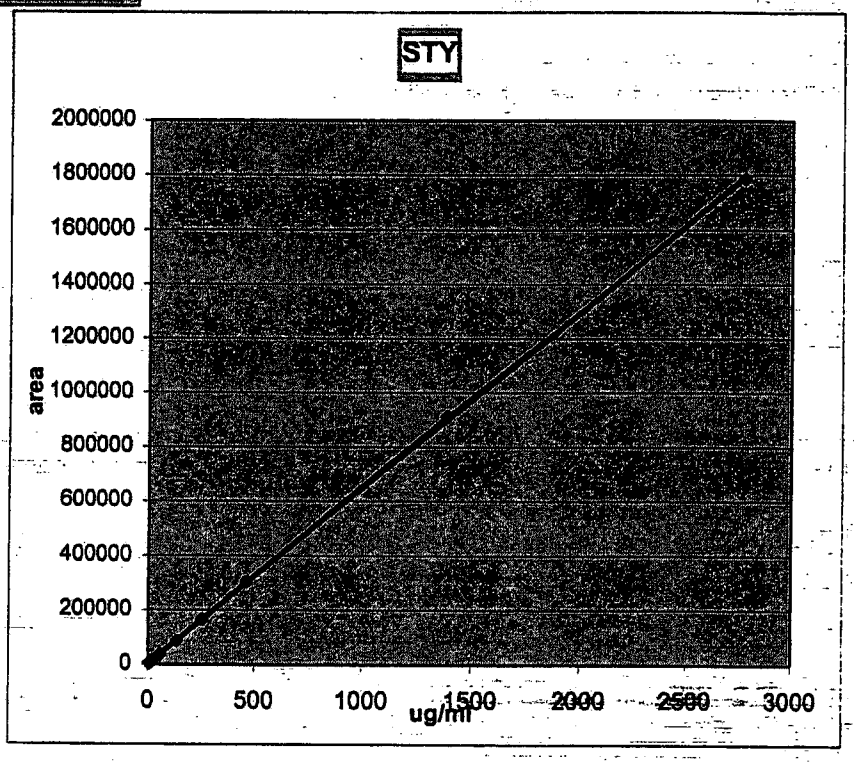
**Compound:** STYRENE
**Instru #:** HP#2
**Column:** RTX502.2
**Date:** 08/31/00

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 4.9 | 3053 |
| 13.8 | 7953 |
| 27.4 | 16472 |
| 54.3 | 34100 |
| 132 | 83544 |
| 251.9 | 163913 |
| 461.8 | 302777 |
| 1385.5 | 912745 |
| 2771 | 1786185 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




**Average Response Factor**

| | ug/ml | area | RF | % D |
|---|---|---|---|---|
| used pts: | 4.9 | 3053 | 623 | -1.12% |
| | 13.8 | 7953 | 576 | -8.54% |
| | 27.4 | 16472 | 601 | -4.60% |
| | 54.3 | 34100 | 628 | -0.34% |
| | 132 | 83544 | 633 | 0.44% |
| | 251.9 | 163913 | 651 | 3.27% |
| | 461.8 | 302777 | 656 | 4.05% |
| | 1385.5 | 912745 | 659 | 4.55% |
| | 2771 | 1786185 | 645 | 2.29% |
| unused pts: | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |

| | |
|---|---|
| Avg RF= | 630 |
| Std Dev= | 27.162881 |
| RSD %= | 4.31% |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 180841 | 128.293 | [illegible] | 94% |
| 153924 | 244.2742 | [illegible] | 93% |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |

# Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 8-29-00 Task: LL2991 Client: North Florida Env

Instrument: HP#2 Dectector: FID Column: RTX-502.2

Injection Size: 1uL Sequence: HP-2082900A Conditions:

Standard Number: 10765

QCCS Number: 10766

1.2633
LMONEN =,
STY = .00

**STANDARD PREPARATION** File ID:

Eluent: CS2 Weight: 1.2676 Density: 1.26 Initials:

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: LMONEN | g: .0027 | Anlyt: | g: | Anlyt: | g: |
| Anlyt: STY | g: .0028 | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |
| Anlyt: | g: | Anlyt: | g: | Anlyt: | g: |

Total Weight: 1.2731 (g) Total Vol: 1.0104 (ml) Std Prep Date:

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | STY | | | | | |
| Lo | | 277 | 1786135 | | | x = |
| 1:56 | | 4.9 | 3053 | | 36.67 | |
| 1:20 | | 13.8 | 7953 | | | n-1 = |
| 1:10 | | 27.4 | 16472 | | | |
| 1:5 | | 54.3 | 34100 | | | RSD = |
| 1:2 | | 132.0 | 83544 | | | |
| 1:1 | | 251.9 | 163913 | | | or |
| 1:6 | | 461.8 | 302777 | | | |
| 1:2 | | 1385.5 | 912745 | | | Corr = |
| | | | | | | |
| STD* 10766 | Tot. Vol = 1.0071 | 2880 | | | | m = |
| QCCS 1:2 | | 137.1 | 80841 | | | |
| 1:1 | | 261.8 | 153924 | | | b = |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: Calculated By: L. Lemon Date: 8-31-00

Checked By: Date:

*Not performed for most multi-component standards.

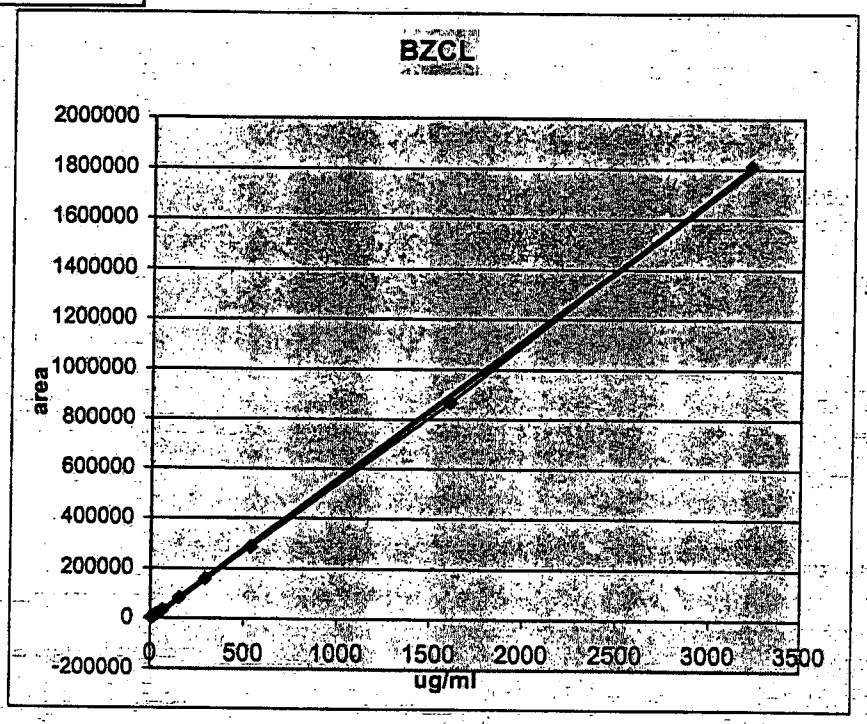
| | |
|---|---|
| Compound: | BENZYL CHLORIDE |
| Instru #: | HP-2 |
| Column: | RTX-502.2 |
| Date: | 03/20/00 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 5.7 | 2772 |
| 16 | 8235 |
| 32 | 16160 |
| 63 | 32833 |
| 153 | 82190 |
| 292 | 158691 |
| 535 | 285275 |
| 1605 | 865525 |
| 3210 | 1809065 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




Average Response Factor

used pts:

| ug/ml | area | RF | % D |
|---|---|---|---|
| 5.7 | 2772 | 486 | -5.03% |
| 16 | 8235 | 515 | 0.51% |
| 32 | 16160 | 505 | -1.38% |
| 63 | 32833 | 521 | 1.77% |
| 153 | 82190 | | 4.90% |
| 292 | 158691 | | 6.13% |
| 535 | 285275 | 533 | 4.13% |
| 1605 | 865525 | | 5.31% |
| 3210 | 1809065 | | 10.08% |

| | |
|---|---|
| Avg RF= | 512 |
| Std Dev= | 17.679258 |
| RSD %= | 3.45% |

unused pts:

| | | | |
|---|---|---|---|
| 153 | 82190 | 0.0018615 | 4.90% |
| 292 | 158691 | 0.0018401 | 6.13% |
| 1605 | 865525 | 0.0018544 | 5.31% |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 85785 | 167.5235 | 157 | 107% |
| 165253 | 322.7111 | 300 | 108% |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |

# Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 3/20/00 Task: 158621 Client: ROY F. WESTON

Instrument: _____ Dectector: _____ Column: _____

Injection Size: _____ Sequence: _____ Conditions: _____

Standard Number: 10127

QCCS Number: 10129

**STANDARD PREPARATION** File ID: _____

Eluent: $CS_2$ Weight: 1.2703 Density: 1.26 Initials: JK

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: BROMOFORM | g: 0.0088 | Anlyt: | g: | Anlyt: | g: |
| Anlyt: CHLOROBROMOETH. | g: 0.0058 | Anlyt: | g: | Anlyt: | g: |
| Anlyt: HEXACHLOROMET | g: 0.0028 | Anlyt: | g: | Anlyt: | g: |
| Anlyt: 1,2,3-TRICHLPRP | g: 0.0042 | Anlyt: | g: | Anlyt: | g: |
| Anlyt: BENZYL CHLORID | g: 0.0035 | Anlyt: | g: | Anlyt: | g: |

Total Weight: 1.2952 (g) Total Vol: 1.0279 (ml) Std Prep Date: 3/21/00

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | | 5210 | | | | |
| *Lo | | | | | | x = 512 |
| 1:561 | | 5.7 | | | | |
| 1:201 | | 16.0 | | | | n-1 = 17.679258 |
| 1:101 | | 32 | | | | |
| 1:51 | | 63 | | | | RSD = 3.45% |
| 1:21 | | 153 | | | | |
| 1:11 | | 292 | | | | or |
| 1:6 | | 535 | | | | |
| 1:2 | | 1605 | | | | Corr = |
| | | | | | | |
| GRCS | STOCK | 3300 | | | | m = |
| 1:21 | | 157 | | | | |
| 1:11 | | 300 | | | | b = |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

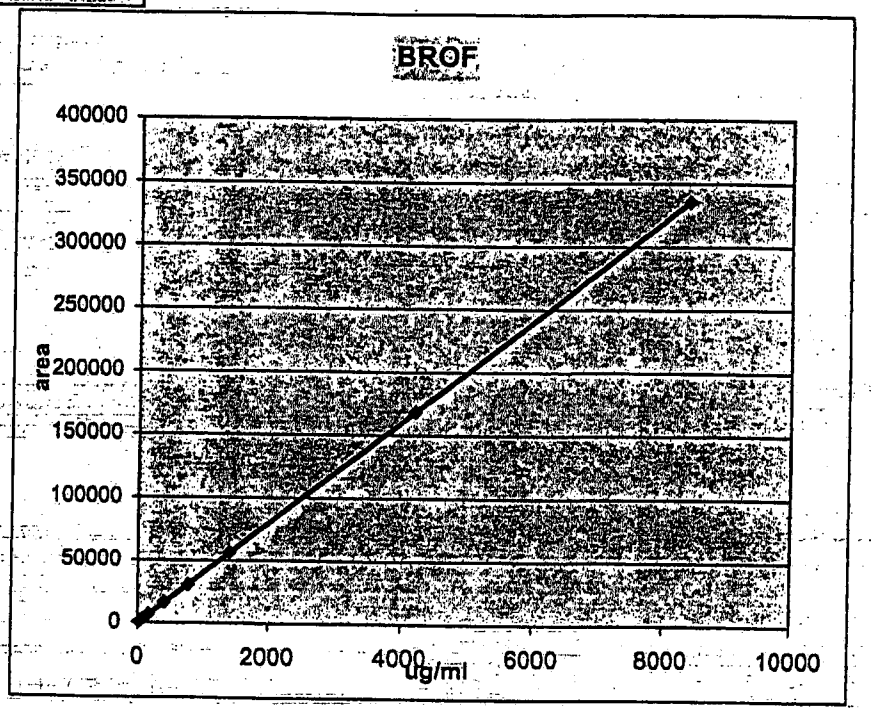
| | |
|---|---|
| Compound: | BROMOFORM |
| Instru #: | HP-2A |
| Column: | RTX-502.2 |
| Date: | 12/13/01 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 8392 | 335483 |
| 4196 | 168192 |
| 1398.7 | 56216 |
| 762.9 | 30260 |
| 399.6 | 16072 |
| 164.5 | 6486 |
| 83.1 | 3186 |
| 41.75 | 1558 |
| 14.96 | 530 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




Average Response Factor

| | ug/ml | area | RF | % D |
|---|---|---|---|---|
| used pts: | 8392 | 335483 | 40 | 2.61% |
| | 4196 | 168192 | 40 | 2.88% |
| | 1398.7 | 56216 | 40 | 3.16% |
| | 762.9 | 30260 | 40 | 1.81% |
| | 399.6 | 16072 | 40 | 3.23% |
| | 164.5 | 6486 | 39 | 1.20% |
| | 83.1 | 3186 | 38 | -1.60% |
| | 41.75 | 1558 | 37 | -4.22% |
| | 14.96 | 530 | 35 | -9.07% |

| | |
|---|---|
| Avg RF= | 39 |
| Std Dev= | 1.646097 |
| RSD %= | 4.22% |

| | | | | |
|---|---|---|---|---|
| unused pts: | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 26186 | 672.1065 | 720.7 | 93% |
| 27332 | 701.5205 | 720.7 | 97% |
| 14567 | 373.8859 | 377.5 | 99% |
| 13780 | 353.6862 | 377.5 | 94% |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 12/13/01 Task: L77243 Client: Roy F. Weston

Instrument: HP-2A Detector: FID Column:

Injection Size: 1ul Sequence: 121201.seq Conditions: hp#2_orgprofmth

Standard Number: IH13015

QCCS Number: IH12434

STANDARD PREPARATION File ID: IH13015

Eluent: CS2 Weight: 1.2600 Density: 1.26 Initials: ML

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: Trans-1,2 DCLETE | g: .0037 | Anlyt: CCL4 | g: .0047 | Anlyt: DDCLBZ | g: .0057 |
| Anlyt: 11DCLET | g: .0035 | Anlyt: 12DCLET | g: .0037 | Anlyt: BZCL | g: .0033 |
| Anlyt: Cis-1,2 DCLETE | g: .0038 | Anlyt: 112TCLET | g: .0043 | Anlyt: ODCLBZ | g: .0038 |
| Anlyt: CLF | g: .0044 | Anlyt: CLBZ | g: .0033 | Anlyt: HXCLETA | g: .0042 |
| Anlyt: MC | g: .0040 | Anlyt: BROF | g: .0088 | Anlyt: | g: |

Total Weight: 1.3212 (g) Total Vol: 1.04857 (ml) Std Prep Date: 12/13/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | BROF | | | | | |
| *Lo | | 8392 | 335483 | | | x = 39 |
| 1:2 | | 4196 | 168192 | | | |
| 1:6 | | 1398.7 | 56216 | | | n-1 = 1.646097 |
| 1:11 | | 762.9 | 30260 | | | |
| 1:21 | | 399.6 | 16072 | | 38.15 | RSD = 4.227 |
| 1:51 | | 164.5 | 6486 | | | |
| 1:101 | | 83.1 | 3186 | | | or |
| 1:201 | | 41.75 | 1558 | | | |
| 1:501 | | 14.96 | 530 | | | Corr = |
| | | | | | | |
| QCCS | IH12434 | 7928 | | | | m = |
| 1:11 | | 720.7 | 26186 | | | |
| 1:21 | | 377.5 | 14567 | | | b = |
| 1:11 | | 720.7 | 27332 | | | |
| 1:21 | | 377.5 | 13780 | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

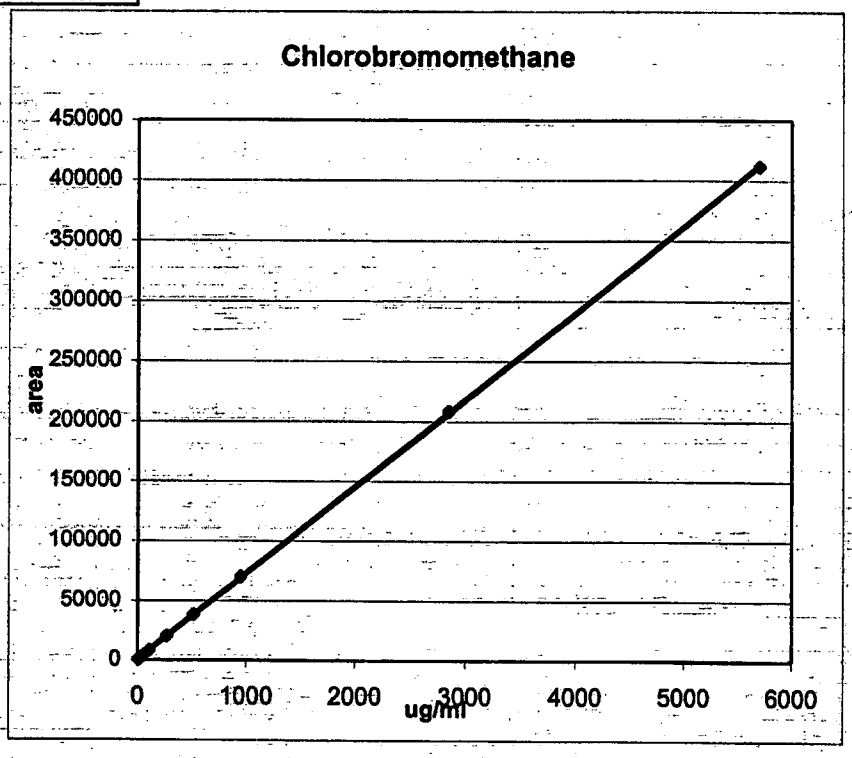
| | |
|---|---|
| Compound: | Chlorobromomethane |
| Instru #: | HP#2 |
| Column: | RTX-502.2 |
| Date: | 07/31/01 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 10.17 | 793 |
| 28.39 | 2158 |
| 56.5 | 4278 |
| 111.9 | 8513 |
| 271.7 | 20607 |
| 518.7 | 38689 |
| 951 | 70605 |
| 2853 | 208573 |
| 5706 | 411679 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




**Average Response Factor**

| | ug/ml | area | RF | % D |
|---|---|---|---|---|
| used pts: | 10.17 | 793 | 78 | 3.86% |
| | 28.39 | 2158 | 76 | 1.24% |
| | 56.5 | 4278 | 76 | 0.85% |
| | 111.9 | 8513 | 76 | 1.33% |
| | 271.7 | 20607 | 76 | 1.02% |
| | 518.7 | 38689 | 75 | -0.65% |
| | 951 | 70605 | 74 | -1.11% |
| | 2853 | 208573 | 73 | -2.63% |
| | 5706 | 411679 | 72 | -3.90% |

| | |
|---|---|
| Avg RF= | 75 |
| Std Dev= | 1.7557963 |
| RSD %= | 2.34% |

| | | | | |
|---|---|---|---|---|
| unused pts: | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 7/27/01 Task: L72982 Client: Roy F. Weston, Inc.
Instrument: HP-2A Dectector: FID Column: RTX-502.2
Injection Size: 1ul Sequence: 072401.seq Conditions: hp#2_organic.mth

Standard Number: IH12446
QCCS Number: IH12434

CS2 1.2
123TCL.0
BROF.0
BZCL.00
CLBR.00
HXCL.00

STANDARD PREPARATION File ID: IH12446

Eluent: CS2 Weight: 1.2567 Density: 1.26 Initials: BJC

| Analyt | g: | Analyt | g: | Analyt | g: |
|---|---|---|---|---|---|
| 123TCLPRP | .0041 | | | | |
| BROF | .0086 | | | | |
| BZCL | .0032 | | | | |
| CLBRMET | .0058 | | | | |
| HXCLETA | .0024 | | | | |

Total Weight: 1.2808 (g) Total Vol: 1.0165 (ml) Std Prep Date: 7/26/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | CLBRMET | | | | | |
| Lo | | 5706 | 411679 | | | x = |
| 1:2 | | 2853 | 208573 | | | |
| 1:6 | | 951.0 | 70605 | | | n-1 = |
| 1:11 | | 518.7 | 38689 | | 13.89 | |
| 1:21 | | 271.7 | 20657 | | | RSD = |
| 1:57 | | 111.9 | 8573 | | | |
| 1:101 | | 56.5 | 4278 | | | or |
| 1:201 | | 28.39 | 2157 | | | |
| 1:521 | | 10.17 | 793 | | | Corr = |
| | | | | | | |
| QCCS | IH12434 | 5383 | | | | m = |
| 1:21 | | 256.3 | | | | |
| | | | | | | b = |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

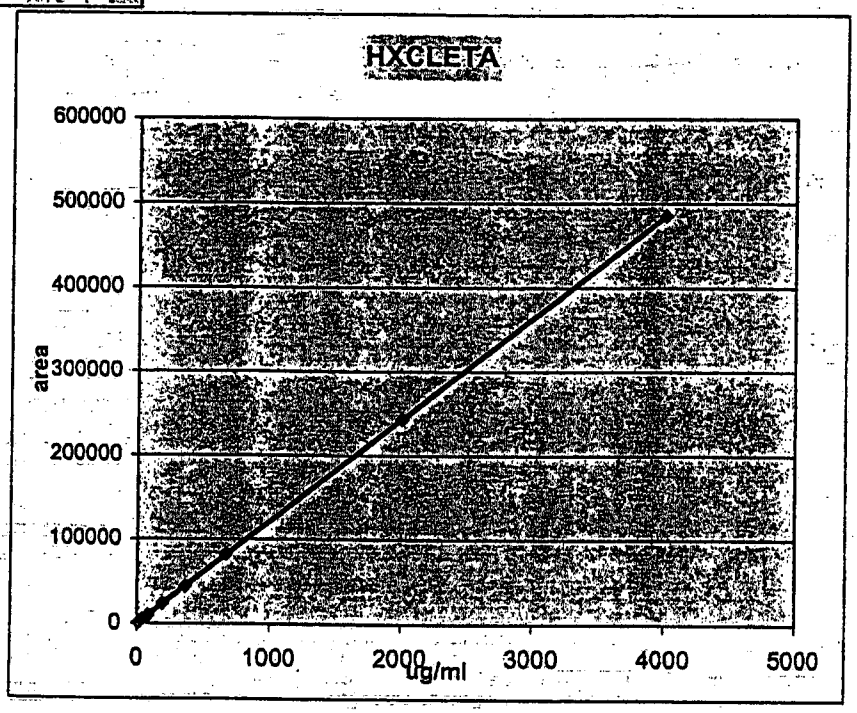
| | |
|---|---|
| Compound: | HEXACHLOROETHANE |
| Instru #: | HP-2A |
| Column: | RTX-502.2 |
| Date: | 12/13/01 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 4005 | 485010 |
| 2002.5 | 242628 |
| 667.5 | 81974 |
| 364.1 | 43759 |
| 190.7 | 23349 |
| 78.5 | 9554 |
| 39.65 | 4729 |
| 19.93 | 2397 |
| 7.14 | 827 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




Average Response Factor

used pts:

| ug/ml | area | RF | % D |
|---|---|---|---|
| 4005 | 485010 | 121 | 0.47% |
| 2002.5 | 242628 | 121 | 0.53% |
| 667.5 | 81974 | 123 | 1.89% |
| 364.1 | 43759 | 120 | -0.29% |
| 190.7 | 23349 | 122 | 1.58% |
| 78.5 | 9554 | 122 | 0.98% |
| 39.65 | 4729 | 119 | -1.05% |
| 19.93 | 2397 | 120 | -0.21% |
| 7.14 | 827 | 116 | -3.90% |

| | |
|---|---|
| Avg RF= | 121 |
| Std Dev= | 2.0869531 |
| RSD %= | 1.73% |

unused pts:

| | | | |
|---|---|---|---|
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 34640 | 287.3983 | 284.7 | 101% |
| 36947 | 306.5388 | 284.7 | 108% |
| 19671 | 163.2047 | 149.1 | 109% |
| 18478 | 153.3067 | 149.1 | 103% |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 12/13/01 Task: L77243 Client: Roy F. Weston

Instrument: HP-2A Detector: FID Column:

Injection Size: 1ul Sequence: 121201.seq Conditions: hp#2_orgprof.mth

Standard Number: IH13015

QCCS Number: IH12434

STANDARD PREPARATION File ID: IH13015

Eluent: CS2 Weight: 1.2600 Density: 1.26 Initials: MC

| | | | | | |
|---|---|---|---|---|---|
| Anlyt: Trans-1,2 DCLETE | g: .0037 | Anlyt: CCL4 | g: .0047 | Anlyt: PDCLBZ | g: .0057 |
| Anlyt: 11DCLET | g: .0035 | Anlyt: 12DCLET | g: .0037 | Anlyt: BZCL | g: .0033 |
| Anlyt: Cis-1,2 DCLETE | g: .0038 | Anlyt: 112TCLET | g: .0043 | Anlyt: ODCLBZ | g: .0038 |
| Anlyt: CLF | g: .0044 | Anlyt: CLBZ | g: .0033 | Anlyt: HXCLETA | g: .0042 |
| Anlyt: MC | g: .0040 | Anlyt: BROF | g: .0088 | Anlyt: | g: |

Total Weight: 1.3212 (g) Total Vol: 1.04857 (ml) Std Prep Date: 12/13/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | HXCLETA | | | | | |
| *Lo | | 4005 | 485010 | | | x = 121 |
| 1:2 | | 2002.5 | 242628 | | | |
| 1:6 | | 667.5 | 81974 | | | n-1 = 2,0869531 |
| 1:11 | | 364.1 | 43759 | | 52.53 | |
| 1:21 | | 190.7 | 23349 | | | RSD = 1,73% |
| 1:51 | | 78.5 | 9554 | | | |
| 1:101 | | 39.65 | 4729 | | | or |
| 1:201 | | 19.93 | 2397 | | | |
| 1:501 | | 7.14 | 827 | | | Corr = |
| | | | | | | |
| QCCS | IH12434 | 3132 | | | | m = |
| 1:11 | | 284.7 | 34640 | | | |
| 1:21 | | 149.1 | 19671 | | | b = |
| 1:11 | | 284.7 | 36947 | | | |
| 1:21 | | 149.1 | 18478 | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

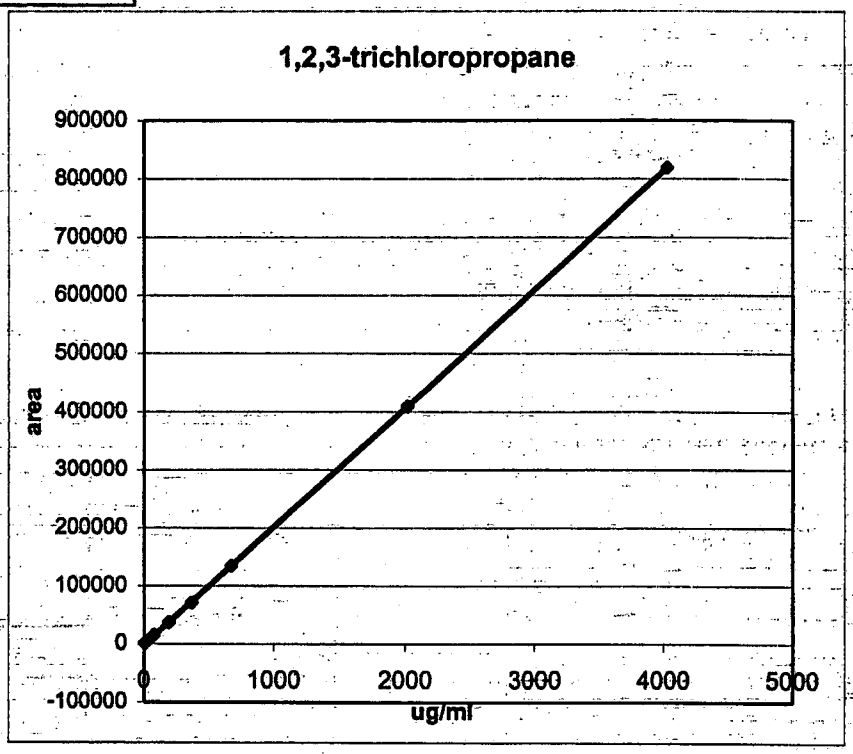
| | |
|---|---|
| Compound: | 1,2,3-trichloropropane |
| Instru #: | HP#2 |
| Column: | RTX-502.2 |
| Date: | 07/31/01 |

*Remember to "Save As" and rename file!*

| ug/ml | area |
|---|---|
| 7.189 | 1211 |
| 20.06 | 3540 |
| 39.93 | 7169 |
| 79.08 | 15498 |
| 192 | 36561 |
| 366.6 | 70741 |
| 672.2 | 134822 |
| 2016.5 | 409008 |
| 4033 | 819559 |

unused pts:

| | |
|---|---|
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




Average Response Factor

| | ug/ml | area | RF | % D |
|---|---|---|---|---|
| used pts: | 7.189 | 1211 | 168 | -11.36% |
| | 20.06 | 3540 | 176 | -7.14% |
| | 39.93 | 7169 | 180 | -5.53% |
| | 79.08 | 15498 | 196 | 3.12% |
| | 192 | 36561 | 190 | 0.20% |
| | 366.6 | 70741 | 193 | 1.53% |
| | 672.2 | 134822 | 201 | 5.54% |
| | 2016.5 | 409008 | 203 | 6.73% |
| | 4033 | 819559 | 203 | 6.93% |
| unused pts: | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |
| | 0 | 0 | #DIV/0! | #DIV/0! |

| | |
|---|---|
| Avg RF= | 190 |
| Std Dev= | 12.511974 |
| RSD %= | 6.58% |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |
| 0 | 0 | 0 | #DIV/0! |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 7/27/01 Task: L72982 Client: Roy F. Weston, Inc.

Instrument: HP-2A Dectector: FID Column: RTX 502.2

Injection Size: 1ul Sequence: 072401.seq Conditions: hp#2-orgpnf.mth

Standard Number: IH12446

QCCS Number: IH12434

CS2 1.2
123TCL .0
BROF, .0
BZCL, .0
CLBR, .00
HXCL, .0

STANDARD PREPARATION File ID: IH12446

Eluent: CS2 Weight: 1.2567 Density: 1.26 Initials: BJC

| Analyt | g: | Analyt | g: | Analyt | g: |
|---|---|---|---|---|---|
| 123TCLPRP | .0041 | | | | |
| BROF | .0686 | | | | |
| BZCL | .0032 | | | | |
| CLBRMET | .0058 | | | | |
| HXCLETA | .0024 | | | | |

Total Weight: 1.2808 (g) Total Vol: 1.0165 (ml) Std Prep Date: 7/26/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | 123TCLPRP | | | | | |
| *Lo | | 4033 | 81959 | | | x = |
| 1:2 | | 2016.5 | 409008 | | | |
| 1:6 | | 672.2 | 134822 | | 40.34 | n-1 = |
| 1:11 | | 366.6 | 75741 | | | |
| 1:21 | | 192.0 | 36521 | | | RSD = |
| 1:51 | | 79.08 | 15498 | | | |
| 1:101 | | 39.93 | 7169 | | | or |
| 1:201 | | 20.06 | 3540 | | | |
| 1:501 | | 7.189 | 1211 | | | Corr = |
| | | | | | | |
| QCCS | I12434 | 4111 | | | | m = |
| 1:21 | | 195.8 | 32781 | | | |
| | | | | | | b = |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

QC Data Entered: _____ Calculated By: _____ Date: _____

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

# BLANK SPIKE

# BLANK SPIKE DUPLICATE

# DATA

# GC FID

| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 11:11:09 AM |
| Operator | : manager | Sample Name | : WG39545-38,IH12434,40 |
| Sample Number | : 70 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/70 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 4:28:25 PM | Cycle | : 70 |

BS

Raw Data File : I:\PenExe\TcWS\Hp-2\022602A070.raw <Modified>
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from I:\PenExe\TcWS\Hp-2\022602A070.raw <Modified>
Proc Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Calib Method : I:\PenExe\TcWS\Hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

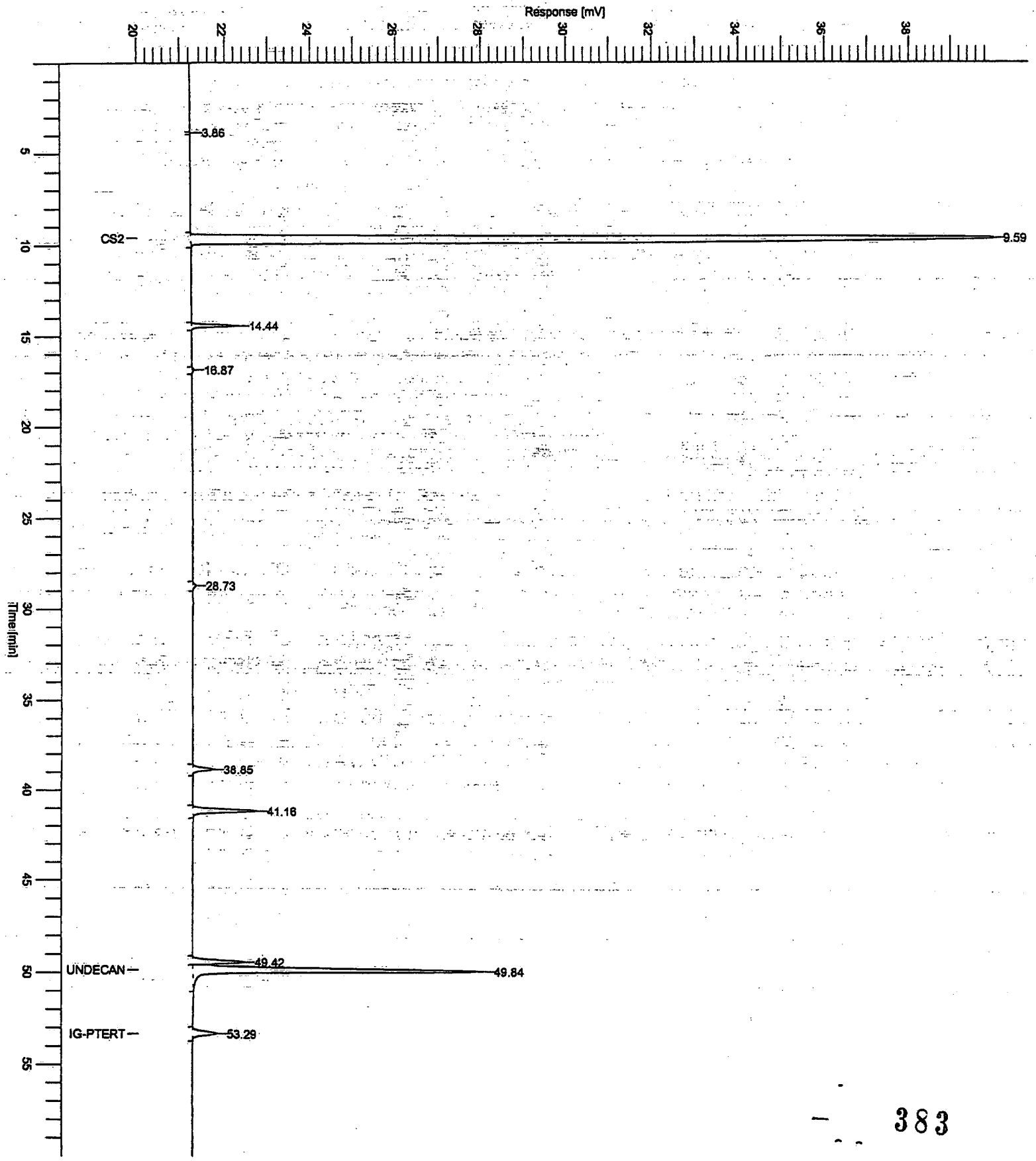
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | DE | conc | exp | %re |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS2 | 9.59 | 407297 | 1000000 | 0.41 | 1.0 | 1 | 0.4073 | | | | | | |
| CLBRMET → | 14.44 | 8976 | ~~1000000~~ | 0.01 | 1.0 | 1 | ~~0.0090~~ 75 | | 119.68 / 0.94 = 127.3 | | | 134.6 | 95 |
| | 16.87 | 318 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | | | |
| | 28.73 | 791 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 | | | | | | |
| BROF → | 38.85 | 6001 | ~~1000000~~ | 0.01 | 1.0 | 1 | ~~0.000039~~ | | 153.9 /1.00 = 153.9 | | | 198.2 | 78 |
| 123TCLPRP → | 41.16 | 18872 | ~~1000000~~ | 0.02 | 1.0 | 1 | ~~0.0189~~ 190 | | 99.3/1.00 = 99.3 | | | 102.8 | 9 |
| BZCL → | 49.42 | 15072 | ~~1000000~~ | 0.02 | 1.0 | 1 | ~~0.0151~~ 512 | | 29.4/1.00 = 29.4 | | | 83.2 | 3 |
| UNDECANE | 49.84 | 97465 | 3472 | 28.07 | 1.0 | 1 | 28.0701 | | | | | | |
| ~~1G-PTERTBUTL~~ HXCLEA → | 53.29 | 8420 | ~~658~~ | 12.80 | 1.0 | 1 | ~~12.8024~~ 121 | | 69.6 /1.00 = 69.6 | | | 78.3 | 8 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: I:\PenExe\TcWS\Hp-2\022602A070.TX0

# Chromatogram

Sample Name : WG39545-38,IH12434,40 Sample #: 70 Page 1 of 1
FileName : I:\PenExe\TcWS\Hp-2\022602A070.raw
Date : 3/4/02 11:11:13 AM
Method : hp#2 orgprof.mth Time of Injection: 3/1/02 4:28:25 PM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 3/4/02 10:31:09 AM |
| Operator | : manager | Sample Name | : WG39545-39,IH12434,40 |
| Sample Number | : 71 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/70 |
| Instrument Name | : HP-2 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 60.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 3/1/02 5:35:51 PM | Cycle | : 71 |

BSD

Raw Data File : C:\PenExe\TcWS\Hp-2\022602A071.raw <Modified>
Result File : C:\PenExe\TcWS\Hp-2\022602A071.rst
Inst Method : c:\penexe\tcws\hp-2\hp#2_orgprof from C:\PenExe\TcWS\Hp-2\022602A071.rst
Proc Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Calib Method : c:\penexe\tcws\hp-2\hp#2_orgprof.mth
Sequence File : C:\PenExe\TcWS\Hp-2\022602.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX 502.2 105M X 0.53mm ID

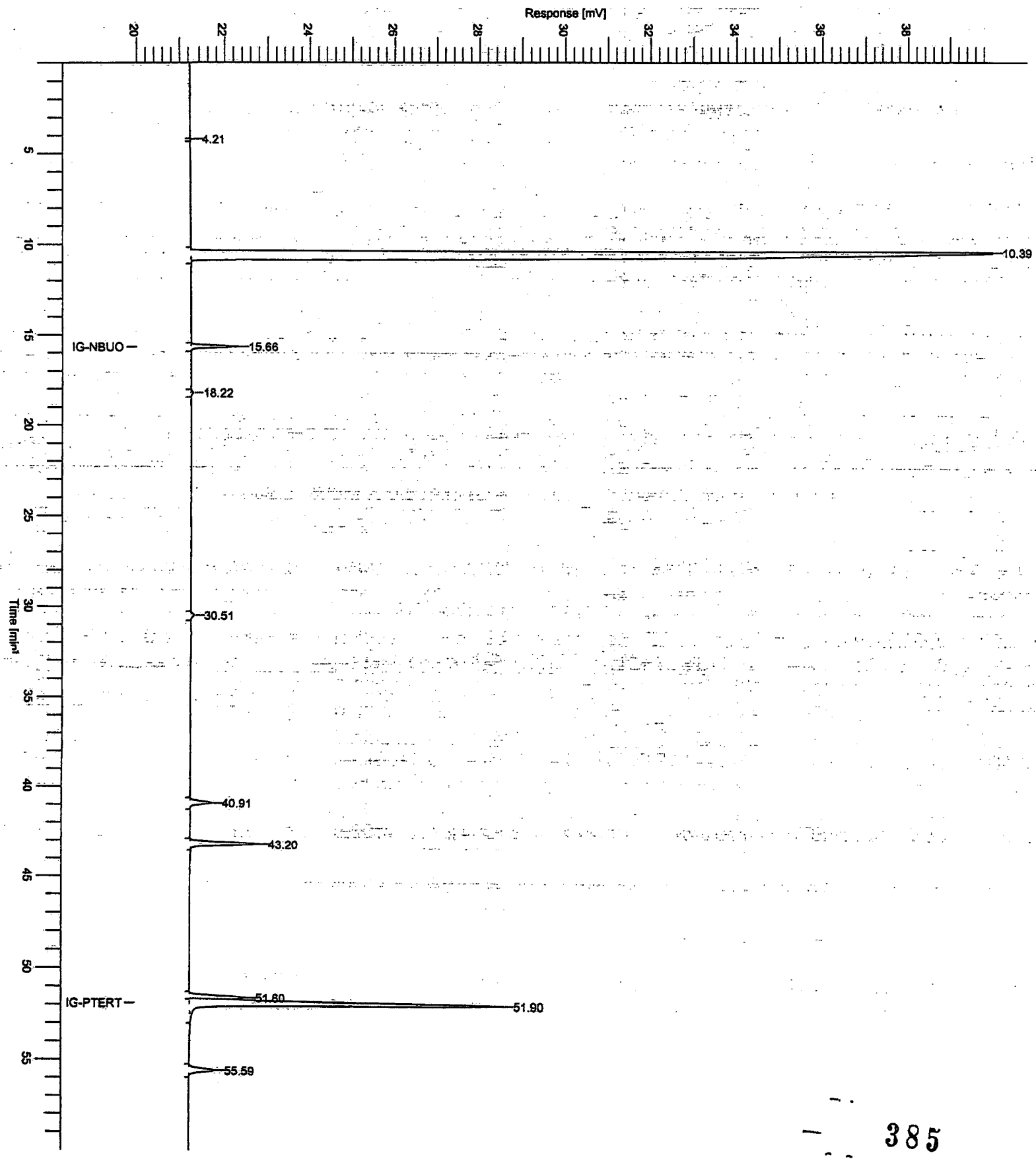
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug | RF | conc | DE | conc | QD | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10.39 | 423666 | 1000000 | 0.42 | 1.0 | 1 | 0.4237 | | | | | | |
| ~~IG-NBUOH~~ CLBRNET → | 15.66 | 8950 | ~~403~~ | 22.22 | 1.0 | 1 | ~~22.2157~~ 75 | | 119.3/0.94 = | | 127.0 | 134.6 | 94 |
| | 18.22 | 318 | 1000000 | 0.00 | 1.0 | 1 | 0.0003 | | | | | | |
| | 30.51 | 813 | 1000000 | 0.00 | 1.0 | 1 | 0.0008 | | | | | | |
| BROF → | 40.91 | 6087 | ~~1000000~~ | 0.01 | 1.0 | 1 | ~~0.006~~ 139 | | 156.1/1.00 = | | 156.1 | 198.2 | 7 |
| 123TCLPRP → | 43.20 | 18980 | ~~1000000~~ | 0.02 | 1.0 | 1 | ~~0.0190~~ 190 | | 99.9/1.00 = | | 99.9 | 102.8 | 9 |
| BZCL → | 51.60 | 13886 | ~~1000000~~ | 0.01 | 1.0 | 1 | ~~0.0139~~ 512 | | 27.1/1.00 = | | 27.1 | 83.2 | 3 |
| IG-PTERTBUTL | 51.90 | 99748 | 658 | 151.66 | 1.0 | 1 | 151.6618 | | | | | | |
| HXCLESTA → | 55.59 | 8388 | ~~1000000~~ | 0.01 | 1.0 | 1 | ~~0.0084~~ 121 | | 69.3/1.00 = | | 69.3 | 78.3 | 8 |

Reviewed by:_____ Date:_____

Report stored in ASCII file: C:\PenExe\TcWS\Hp-2\022602A071.TX0

# Chromatogram

Sample Name : WG39545-39,IH12434,40 Sample #: 71 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-2\022602A071.raw
Date : 3/4/02 10:31:13 AM
Method : hp#2 orgprof Time of Injection: 3/1/02 5:35:51 PM
Start Time : 0.00 min End Time : 60.00 min Low Point : 20.00 mV High Point : 40.00 mV
Plot Offset: 20.00 mV Plot Scale: 20.0 mV



# TETRACHLOROETHYLENE
# GC/ECD

Turbochrom Sequence File I:\PenExe\TcWS\Hp-10a\022502.seq

Printed by : manager on: 2/25/02 4:33:18 PM
Created by : manager on: 2/25/02 4:33:14 PM
Edited by : manager on: 2/25/02 4:33:14 PM
Number of Times Edited : 0
Description:

Sequence File Header Information:

Number of Rows : 66
Instrument Type : HP5890 Series II GC with HP7673A Autosampler
Injection Type : SINGLE

## Sequence Sample Descriptions - Channel A

| Row | Name | Number | Sample Amt | Sample Vol | Dil Factor |
|---|---|---|---|---|---|
| 1 | PERC BLANK | 01 | 1.000000 | 1.000 | 1.000000 |
| 2 | PERC BLANK | 02 | 1.000000 | 1.000 | 1.000000 |
| 3 | PERC BLANK | 03 | 1.000000 | 1.000 | 1.000000 |
| 4 | WG39545-1 | 04 | 1.000000 | 1.000 | 1.000000 |
| 5 | WG39545-2 | 05 | 1.000000 | 1.000 | 1.000000 |
| 6 | WG39545-3,IH12605,223311 | 06 | 1.000000 | 1.000 | 1.000000 |
| 7 | IH12605 1:201:1111 | 07 | 1.000000 | 1.000 | 1.000000 |
| 8 | IH12605 1:201:561 | 08 | 1.000000 | 1.000 | 1.000000 |
| 9 | IH12605 1:201:201 | 09 | 1.000000 | 1.000 | 1.000000 |
| 10 | IH12605 1:201:101 | 10 | 1.000000 | 1.000 | 1.000000 |
| 11 | IH12605 1:201:51 | 11 | 1.000000 | 1.000 | 1.000000 |
| 12 | IH12605 1:201:21 | 12 | 1.000000 | 1.000 | 1.000000 |
| 13 | IH12605 1:201:11 | 13 | 1.000000 | 1.000 | 1.000000 |
| 14 | IH12605 1:201:6 | 14 | 1.000000 | 1.000 | 1.000000 |
| 15 | IH12605 1:201:2 | 15 | 1.000000 | 1.000 | 1.000000 |
| 16 | IH12605 1:201:LO | 16 | 1.000000 | 1.000 | 1.000000 |
| 17 | PERC BLANK | 17 | 1.000000 | 1.000 | 1.000000 |
| 18 | PERC BLANK | 18 | 1.000000 | 1.000 | 1.000000 |
| 19 | L79047-1A,WG39545,STD2TUBE | 19 | 1.000000 | 1.000 | 1.000000 |
| 20 | L79047-1B,WG39545,STD2TUBE | 20 | 1.000000 | 1.000 | 1.000000 |
| 21 | L79047-2A,WG39545,STD2TUBE | 21 | 1.000000 | 1.000 | 1.000000 |
| 22 | L79047-2B,WG39545,STD2TUBE | 22 | 1.000000 | 1.000 | 1.000000 |
| 23 | L79047-3A,WG39545,STD2TUBE | 23 | 1.000000 | 1.000 | 1.000000 |
| 24 | L79047-3B,WG39545,STD2TUBE | 24 | 1.000000 | 1.000 | 1.000000 |
| 25 | L79047-4A,WG39545,STD2TUBE | 25 | 1.000000 | 1.000 | 1.000000 |
| 26 | L79047-4B,WG39545,STD2TUBE | 26 | 1.000000 | 1.000 | 1.000000 |
| 27 | L79047-5A,WG39545,STD2TUBE | 27 | 1.000000 | 1.000 | 1.000000 |
| 28 | L79047-5B,WG39545,STD2TUBE | 28 | 1.000000 | 1.000 | 1.000000 |
| 29 | WG39545-4,IH12606,10251 | 29 | 1.000000 | 1.000 | 1.000000 |
| 30 | WG39545-5,IH12606,4221 | 30 | 1.000000 | 1.000 | 1.000000 |
| 31 | L79047-6A,WG39545,STD2TUBE | 31 | 1.000000 | 1.000 | 1.000000 |
| 32 | L79047-6B,WG39545,STD2TUBE | 32 | 1.000000 | 1.000 | 1.000000 |
| 33 | L79047-7A,WG39545,STD2TUBE | 33 | 1.000000 | 1.000 | 1.000000 |
| 34 | L79047-7B,WG39545,STD2TUBE | 34 | 1.000000 | 1.000 | 1.000000 |
| 35 | L79047-8A,WG39545,STD2TUBE | 35 | 1.000000 | 1.000 | 1.000000 |
| 36 | L79047-8B,WG39545,STD2TUBE | 36 | 1.000000 | 1.000 | 1.000000 |
| 37 | L79047-9A,WG39545,STD2TUBE | 37 | 1.000000 | 1.000 | 1.000000 |
| 38 | L79047-9B,WG39545,STD2TUBE | 38 | 1.000000 | 1.000 | 1.000000 |
| 39 | L79047-10A,WG39545,STD2TUBE | 39 | 1.000000 | 1.000 | 1.000000 |
| 40 | L79047-10B,WG39545,STD2TUBE | 40 | 1.000000 | 1.000 | 1.000000 |
| 41 | WG39545-6,IH12606,4221 | 41 | 1.000000 | 1.000 | 1.000000 |
| 42 | L79047-11A,WG39545,STD2TUBE | 42 | 1.000000 | 1.000 | 1.000000 |
| 43 | L79047-11B,WG39545,STD2TUBE | 43 | 1.000000 | 1.000 | 1.000000 |
| 44 | L79047-12A,WG39545,STD2TUBE | 44 | 1.000000 | 1.000 | 1.000000 |
| 45 | L79047-12B,WG39545,STD2TUBE | 45 | 1.000000 | 1.000 | 1.000000 |
| 46 | L79047-13A,WG39545,STD2TUBE | 46 | 1.000000 | 1.000 | 1.000000 |
| 47 | L79047-13B,WG39545,STD2TUBE | 47 | 1.000000 | 1.000 | 1.000000 |
| 48 | L79047-14A,WG39545,STD2TUBE | 48 | 1.000000 | 1.000 | 1.000000 |
| 49 | L79047-14B,WG39545,STD2TUBE | 49 | 1.000000 | 1.000 | 1.000000 |
| 50 | L79047-15A,WG39545,STD2TUBE | 50 | 1.000000 | 1.000 | 1.000000 |
| 51 | L79047-15B,WG39545,STD2TUBE | 51 | 1.000000 | 1.000 | 1.000000 |
| 52 | WG39545-7,IH12606,20301 | 52 | 1.000000 | 1.000 | 1.000000 |
| 53 | L79047-16A,WG39545,STD2TUBE | 53 | 1.000000 | 1.000 | 1.000000 |
| 54 | L79047-16B,WG39545,STD2TUBE | 54 | 1.000000 | 1.000 | 1.000000 |
| 55 | L79047-17A,WG39545,STD2TUBE | 55 | 1.000000 | 1.000 | 1.000000 |
| 56 | L79047-17B,WG39545,STD2TUBE | 56 | 1.000000 | 1.000 | 1.000000 |
| 57 | L79047-18A,WG39545,STD2TUBE | 57 | 1.000000 | 1.000 | 1.000000 |
| 58 | L79047-18B,WG39545,STD2TUBE | 58 | 1.000000 | 1.000 | 1.000000 |
| 59 | L79047-19A,WG39545,STD2TUBE | 59 | 1.000000 | 1.000 | 1.000000 |
| 60 | L79047-19B,WG39545,STD2TUBE | 60 | 1.000000 | 1.000 | 1.000000 |

2/25/02 4:33:18 PM Sequence: I:\PenExe\TcWS\Hp-10a\022502.seq

## Sequence Sample Descriptions - Channel A

| Row | Name | Number | Sample Amt | Sample Vol | Dil Factor |
|---|---|---|---|---|---|
| 61 | L79047-20A,WG39545,STD2TUBE | 61 | 1.000000 | 1.000 | 1.000000 |
| 62 | L79047-20B,WG39545,STD2TUBE | 62 | 1.000000 | 1.000 | 1.000000 |
| 63 | WG39545-10,IH12606,8040 | 63 | 1.000000 | 1.000 | 1.000000 |
| 64 | WG39545-11,IH12606,8040 | 64 | 1.000000 | 1.000 | 1.000000 |
| 65 | WG39545-8,IH12606,20301 | 65 | 1.000000 | 1.000 | 1.000000 |
| 66 | WG39545-9,IH12606,10251 | 66 | 1.000000 | 1.000 | 1.000000 |

## Sequence Process Information - Channel A

| Row | Site | Vial | Inst Method | Rpt Fmt File | Raw Data File |
|---|---|---|---|---|---|
| 1 | A | 1 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A001 |
| 2 | A | 1 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A002 |
| 3 | A | 1 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A003 |
| 4 | A | 2 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A004 |
| 5 | A | 3 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A005 |
| 6 | A | 4 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A006 |
| 7 | A | 4 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A007 |
| 8 | A | 5 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A008 |
| 9 | A | 6 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A009 |
| 10 | A | 7 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A010 |
| 11 | A | 8 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A011 |
| 12 | A | 9 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A012 |
| 13 | A | 10 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A013 |
| 14 | A | 11 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A014 |
| 15 | A | 12 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A015 |
| 16 | A | 13 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A016 |
| 17 | A | 1 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A017 |
| 18 | A | 1 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A018 |
| 19 | A | 14 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A019 |
| 20 | A | 15 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A020 |
| 21 | A | 16 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A021 |
| 22 | A | 17 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A022 |
| 23 | A | 18 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A023 |
| 24 | A | 19 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A024 |
| 25 | A | 20 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A025 |
| 26 | A | 21 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A026 |
| 27 | A | 22 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A027 |
| 28 | A | 23 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A028 |
| 29 | A | 24 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A029 |
| 30 | A | 25 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A030 |
| 31 | A | 26 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A031 |
| 32 | A | 27 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A032 |
| 33 | A | 28 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A033 |
| 34 | A | 29 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A034 |
| 35 | A | 30 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A035 |
| 36 | A | 31 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A036 |
| 37 | A | 32 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A037 |
| 38 | A | 33 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A038 |
| 39 | A | 34 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A039 |
| 40 | A | 35 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A040 |
| 41 | A | 36 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A041 |
| 42 | A | 37 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A042 |
| 43 | A | 38 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A043 |
| 44 | A | 39 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A044 |
| 45 | A | 40 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A045 |
| 46 | A | 41 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A046 |
| 47 | A | 42 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A047 |
| 48 | A | 43 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A048 |
| 49 | A | 44 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A049 |
| 50 | A | 45 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A050 |
| 51 | A | 46 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A051 |
| 52 | A | 47 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A052 |
| 53 | A | 48 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A053 |
| 54 | A | 49 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A054 |
| 55 | A | 50 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A055 |
| 56 | A | 51 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A056 |
| 57 | A | 52 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A057 |
| 58 | A | 53 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A058 |
| 59 | A | 54 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A059 |
| 60 | A | 55 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A060 |
| 61 | A | 56 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A061 |
| 62 | A | 57 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A062 |
| 63 | A | 58 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A063 |
| 64 | A | 58 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A064 |
| 65 | A | 47 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A065 |
| 66 | A | 59 | c:\penexe\tcws\hp-10a\hp10aperc311-9 | c:\penexe\tcws\hp-14a\hp#14 rtx 1 | C:\PenExe\TcWS\HP-10A\022502A066 |

# TETRACHLOROETHYLENE, ECD

# SAMPLE RAW DATA

| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 2:07:12 PM |
| Operator | : manager | Sample Name | : L79047-1A,WG39545,STD2TUBE |
| Sample Number | : 19 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/14 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 11:09:07 PM | Cycle | : 19 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A019.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A019.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

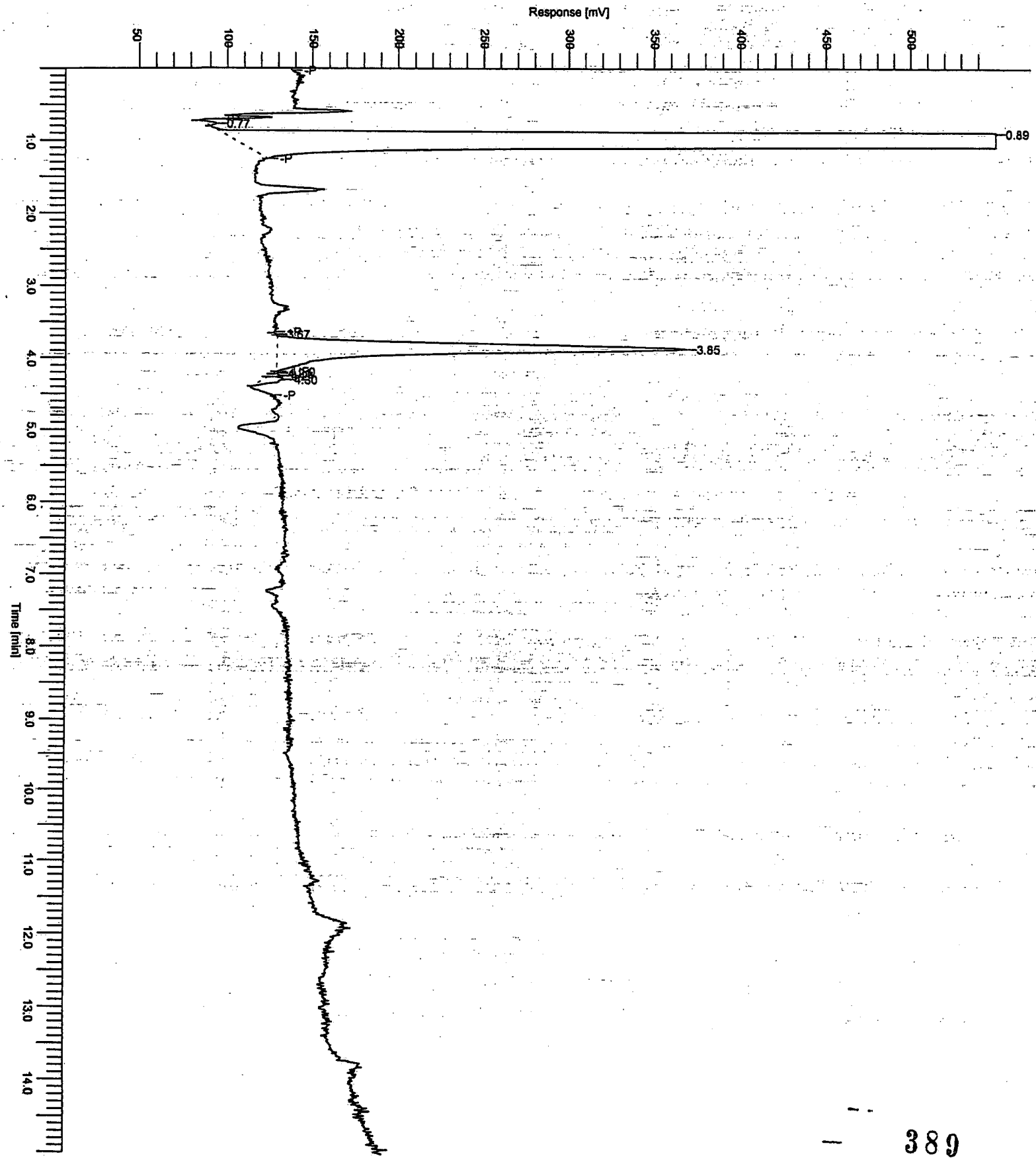
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 17330 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0173 |
| | 0.89 | 11565824 | 1000000 | 11.57 | 1.0 | 1.00 | 11.5658 |
| | 3.67 | 620 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0006 |
| PERC → | 3.85 | 2182830 | ~~1000000~~ | 2.18 | 1.0 | 1.00 | ~~2.1828~~ |
| | 4.21 | 3205 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0032 |
| | 4.24 | 12636 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0126 |
| | 4.30 | 62776 | 1000000 | 0.06 | 1.0 | 1.00 | 0.0628 |
| | | 13845220 | | | | | |

2182830 − 46731
2136099
RF = 917933
conc = 2.327 ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A019.TX0

# Chromatogram

Sample Name : L79047-1A,WG39545,STD2TUBE  Sample #: 19  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A019.raw
Date : 2/27/02 2:07:16 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/25/02 11:09:07 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:21:07 PM |
| Operator | : manager | Sample Name | : L79047-1B,WG39545,STD2TUBE |
| Sample Number | : 20 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/15 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 11:30:06 PM | Cycle | : 20 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A020.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A020.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

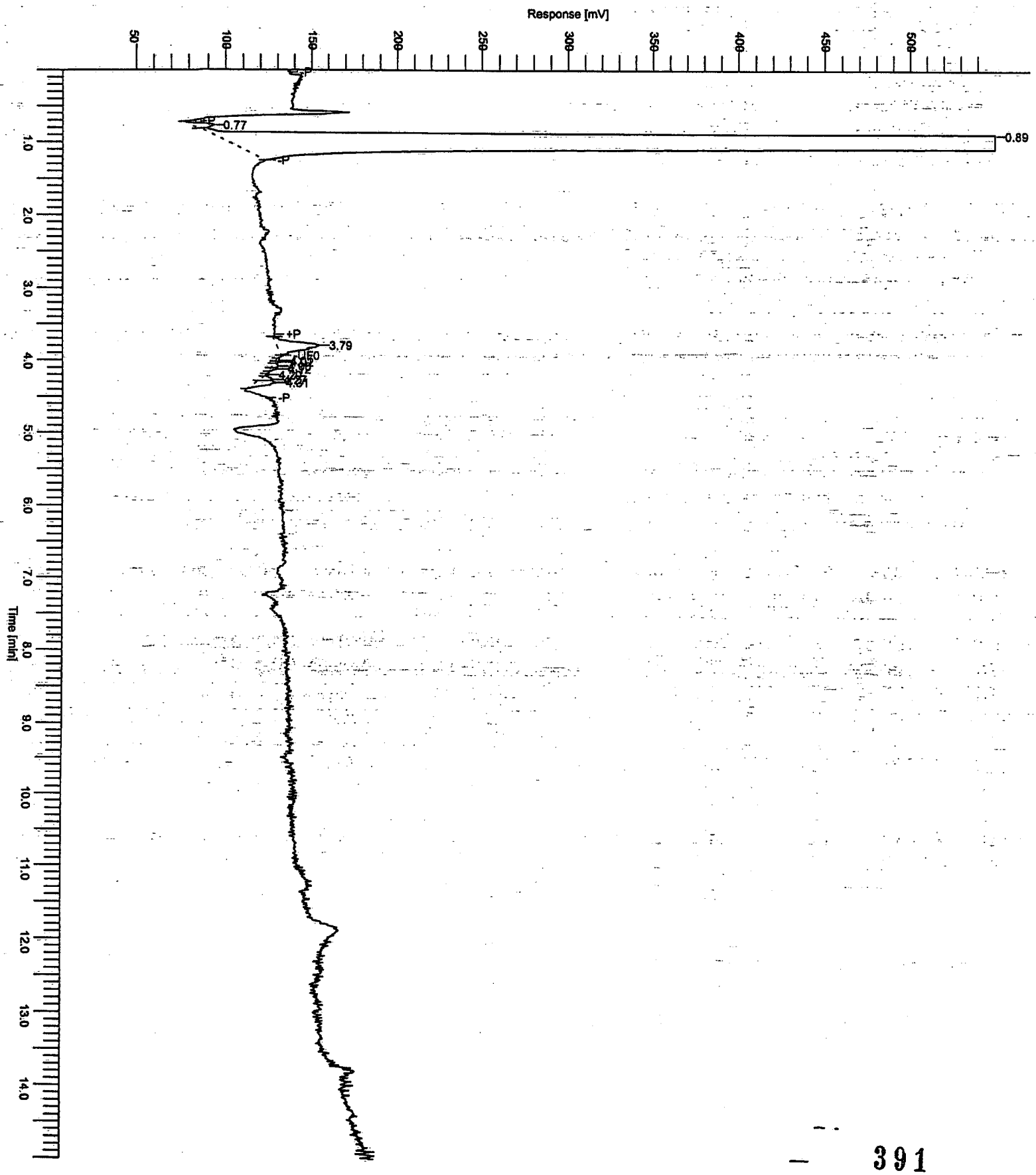
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 39793 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0398 |
| | 0.89 | 11610515 | 1000000 | 11.61 | 1.0 | 1.00 | 11.6105 |
| PERC → | 3.79 | 179491 | ~~1000000~~ | 0.18 | 1.0 | 1.00 | ~~0.1795~~ |
| | 4.01 | 3860 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0039 |
| | 4.02 | 3495 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0035 |
| | 4.08 | 9604 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0096 |
| | 4.12 | 6857 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0069 |
| | 4.20 | 1699 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0017 |
| | 4.27 | 17026 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0170 |
| | 4.31 | 51001 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0510 |
| | | 11923342 | | | | | |

179491 - 46731
132760
RF=917933
conc = 0.145ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A020.TX0

# Chromatogram

Sample Name : L79047-1B,WG39545,STD2TUBE  Sample #: 20  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A020.raw
Date : 2/27/02 12:21:11 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/25/02 11:30:06 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:06:01 PM |
| Operator | : manager | Sample Name | : L79047-2A,WG39545,STD2TUBE |
| Sample Number | : 21 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/16 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 11:51:13 PM | Cycle | : 21 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A021.raw <Modified>
Result File : C:\PenExe\TcWS\HP-10A\022502A021.rst
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\HP-10A\022502A021.rst
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD: _____ Column: RTX-1 30M X 0.53mm ID

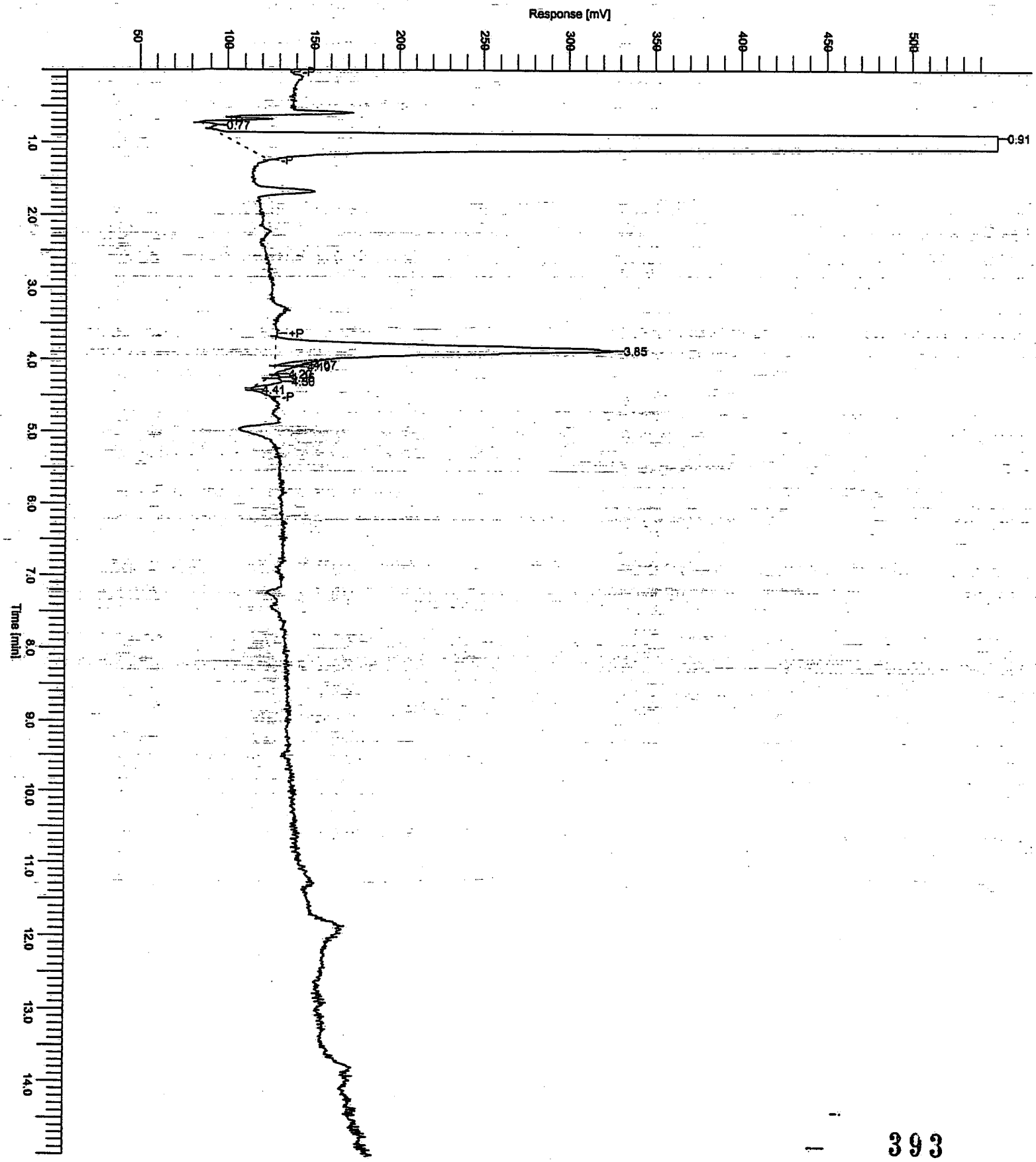
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 17975 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0180 |
| | 0.91 | 11872537 | 1000000 | 11.87 | 1.0 | 1.00 | 11.8725 |
| PERC → | 3.85 | 1754802 | 1000000 | 1.75 | 1.0 | 1.00 | 1.7548 |
| | 4.07 | 61055 | 1000000 | 0.06 | 1.0 | 1.00 | 0.0611 |
| | 4.10 | 44334 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0443 |
| | 4.20 | 1876 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0019 |
| | 4.25 | 13301 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0133 |
| | 4.30 | 57088 | 1000000 | 0.06 | 1.0 | 1.00 | 0.0571 |
| | 4.41 | 396 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0004 |
| | | 13823365 | | | | | |

1754802 − 46731
1708071
RF=917933
conc=1.86 µg/mL

Report stored in ASCII file: C:\PenExe\TcWS\HP-10A\022502A021.TX0

# Chromatogram

Sample Name : L79047-2A,WG39545,STD2TUBE  Sample #: 21  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A021.raw
Date : 2/26/02 5:06:06 PM
Method : hp10aperc311-9  Time of Injection: 2/25/02 11:51:13 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:21:45 PM |
| Operator | : manager | Sample Name | : L79047-2B,WG39545,STD2TUBE |
| Sample Number | : 22 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/17 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 12:12:20 AM | Cycle | : 22 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A022.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A022.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

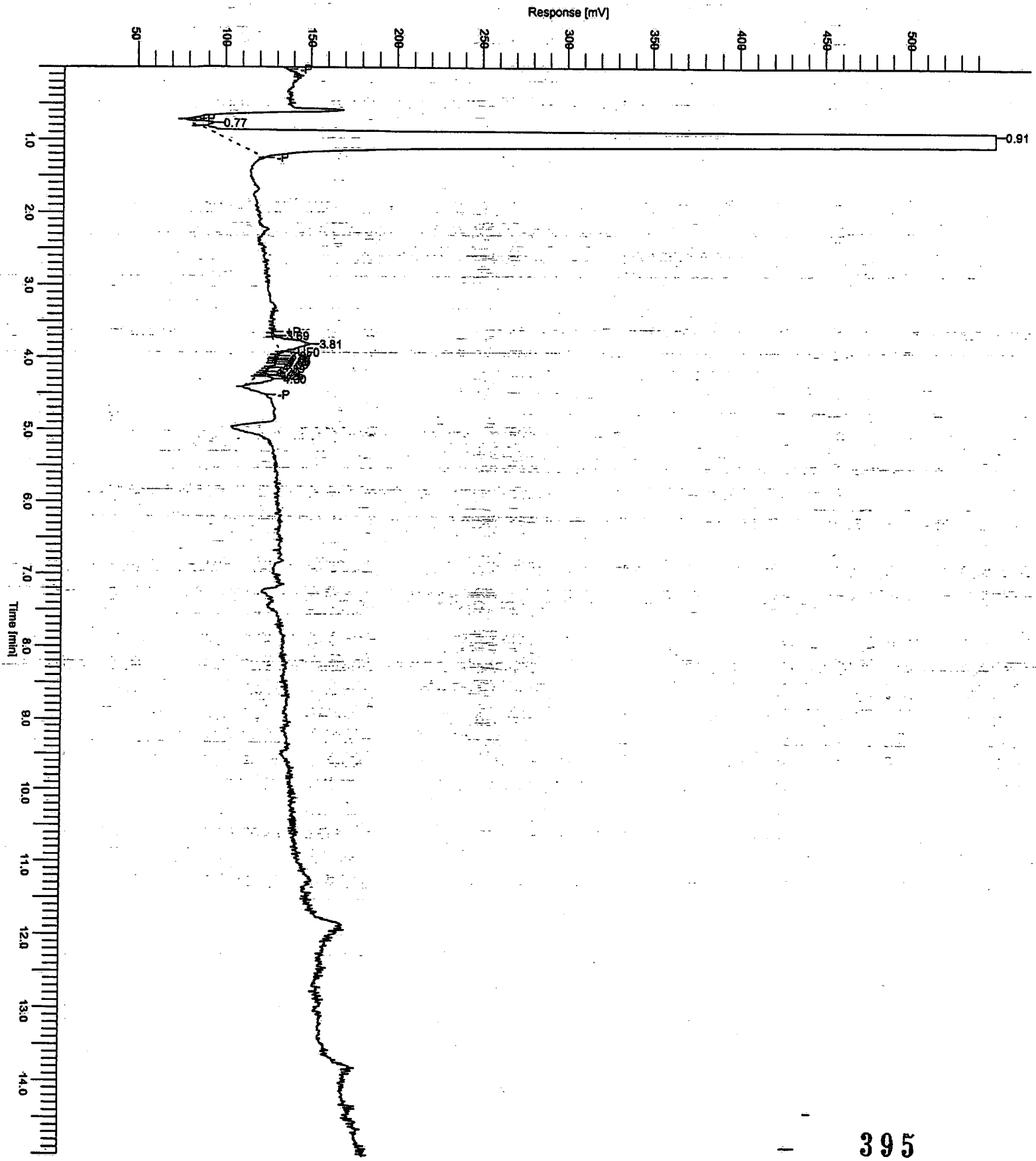
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 38003 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0380 |
| | 0.91 | 11491347 | 1000000 | 11.49 | 1.0 | 1.00 | 11.4913 |
| | 3.69 | 3939 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0039 |
| PERC → | 3.81 | 140559 | 1000000 | 0.14 | 1.0 | 1.00 | ~~0.1406~~ |
| | 3.97 | 3289 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0033 |
| | 4.01 | 2032 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0020 |
| | 4.03 | 1900 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0019 |
| | 4.06 | 2728 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0027 |
| | 4.09 | 5475 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0055 |
| | 4.14 | 1880 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0019 |
| | 4.20 | 1248 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0012 |
| | 4.24 | 4255 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0043 |
| | 4.25 | 8667 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0087 |
| | 4.30 | 60259 | 1000000 | 0.06 | 1.0 | 1.00 | 0.0603 |
| | | 11765582 | | | | | |

140559 - 46731
93828
RF = 917933
conc = 0.102 ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A022.TX0

# Chromatogram

Sample Name : L79047-2B,WG39545,STD2TUBE  Sample #: 22  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A022.raw
Date : 2/27/02 12:21:49 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 12:12:20 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:06:15 PM |
| Operator | : manager | Sample Name | : L79047-3A,WG39545,STD2TUBE |
| Sample Number | : 23 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/18 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 12:33:31 AM | Cycle | : 23 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A023.raw <Modified>
Result File : C:\PenExe\TcWS\HP-10A\022502A023.rst
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\HP-10A\022502A023.rst
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

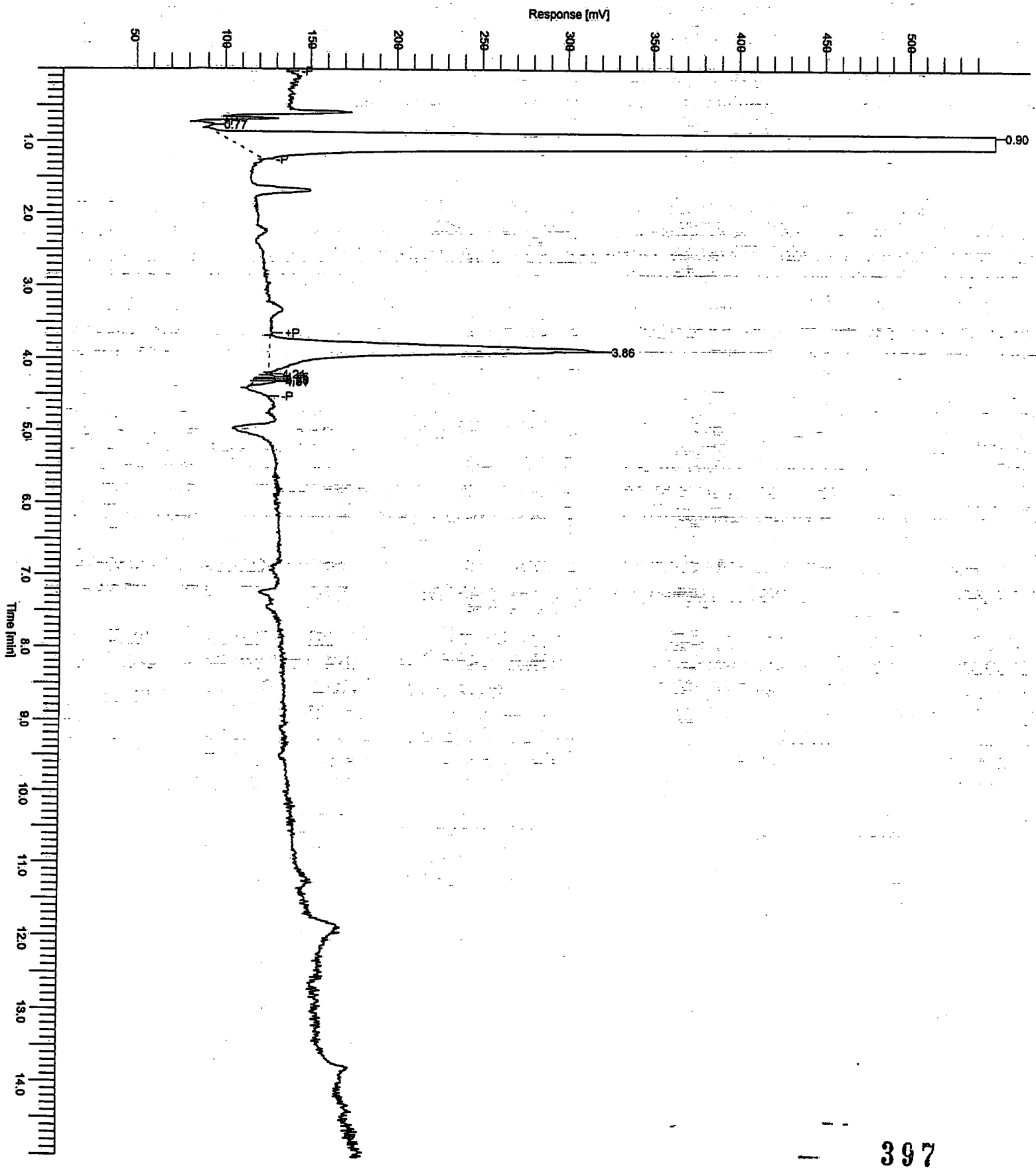
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 18527 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0185 |
| | 0.90 | 11760173 | 1000000 | 11.76 | 1.0 | 1.00 | 11.7602 |
| PERC → | 3.86 | 1818422 | ~~1000000~~ | 1.82 | 1.0 | 1.00 | ~~1.8184~~ |
| | 4.21 | 5016 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0050 |
| | 4.25 | 14117 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0141 |
| | 4.28 | 9373 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0094 |
| | 4.30 | 16622 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0166 |
| | 4.31 | 34997 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0350 |
| | | 13677246 | | | | | |

1818422-46731
1771691
RF=917933
conc=1.930ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\HP-10A\022502A023.TX0

# Chromatogram

Sample Name : L79047-3A,WG39545,STD2TUBE  Sample #: 23  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A023.raw
Date : 2/26/02 5:06:19 PM
Method : hp10aperc311-9  Time of Injection: 2/26/02 12:33:31 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:22:35 PM |
| Operator | : manager | Sample Name | : L79047-3B,WG39545,STD2TUBE |
| Sample Number | : 24 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/19 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 12:54:34 AM | Cycle | : 24 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A024.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A024.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

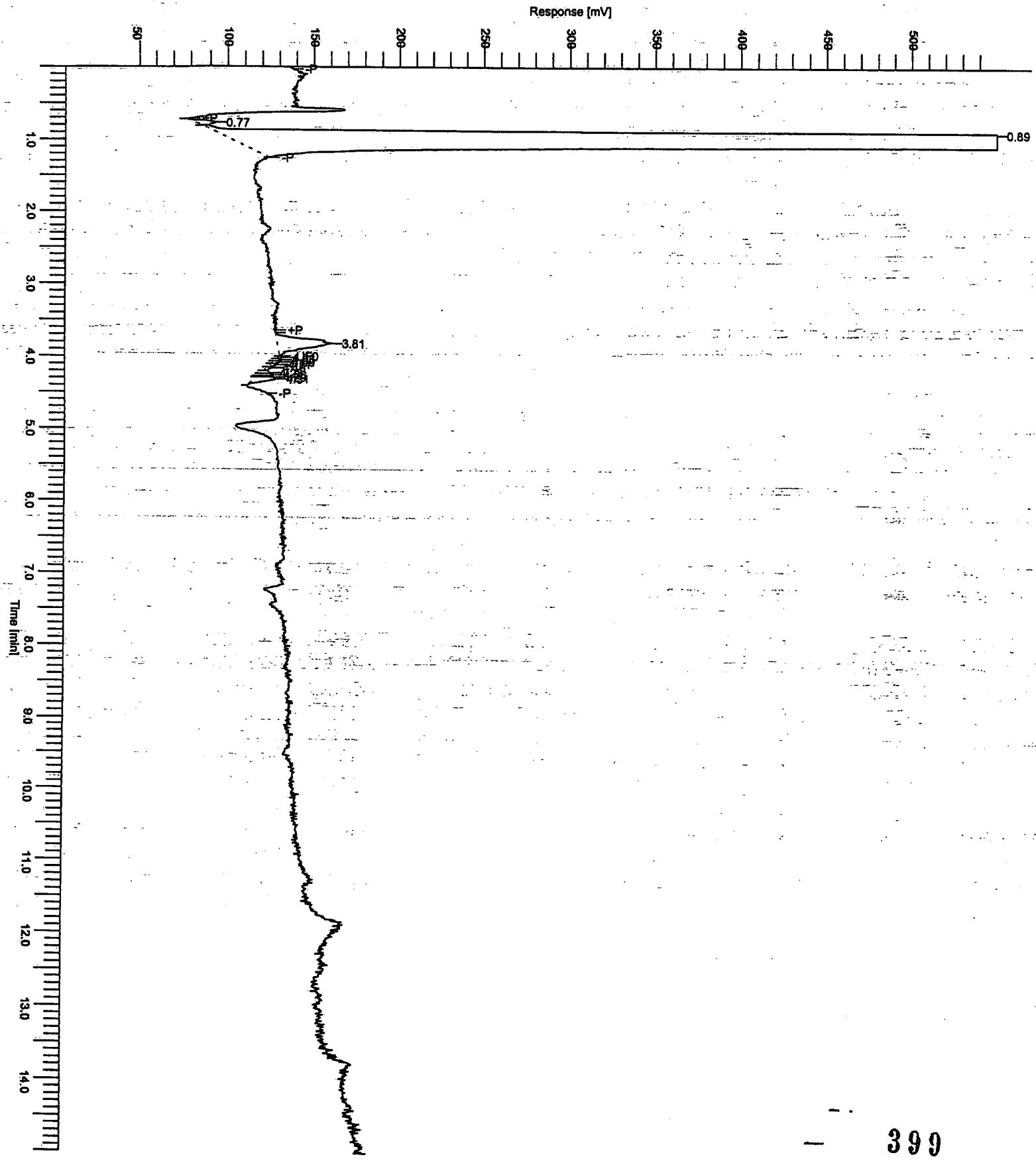
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 36899 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0369 |
| | 0.89 | 11879779 | 1000000 | 11.88 | 1.0 | 1.00 | 11.8798 |
| PERC → | 3.81 | 259443 | ~~1000000~~ | 0.26 | 1.0 | 1.00 | ~~0.2594~~ |
| | 4.01 | 2594 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0026 |
| | 4.05 | 4945 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0049 |
| | 4.08 | 6713 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0067 |
| | 4.11 | 8995 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0090 |
| | 4.16 | 7281 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0073 |
| | 4.23 | 8770 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0088 |
| | 4.26 | 13136 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0131 |
| | 4.29 | 9877 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0099 |
| | 4.31 | 48132 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0481 |
| | | 12286563 | | | | | |

259443 − 46731
212712
RF = 917933
conc = 0.232 ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A024.TX0

# Chromatogram

Sample Name : L79047-3B,WG39545,STD2TUBE  Sample #: 24  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A024.raw
Date : 2/27/02 12:22:39 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 12:54:34 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:23:24 PM |
| Operator | : manager | Sample Name | : L79047-4A,WG39545,STD2TUBE |
| Sample Number | : 25 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/20 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 1:15:52 AM | Cycle | : 25 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A025.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A025.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

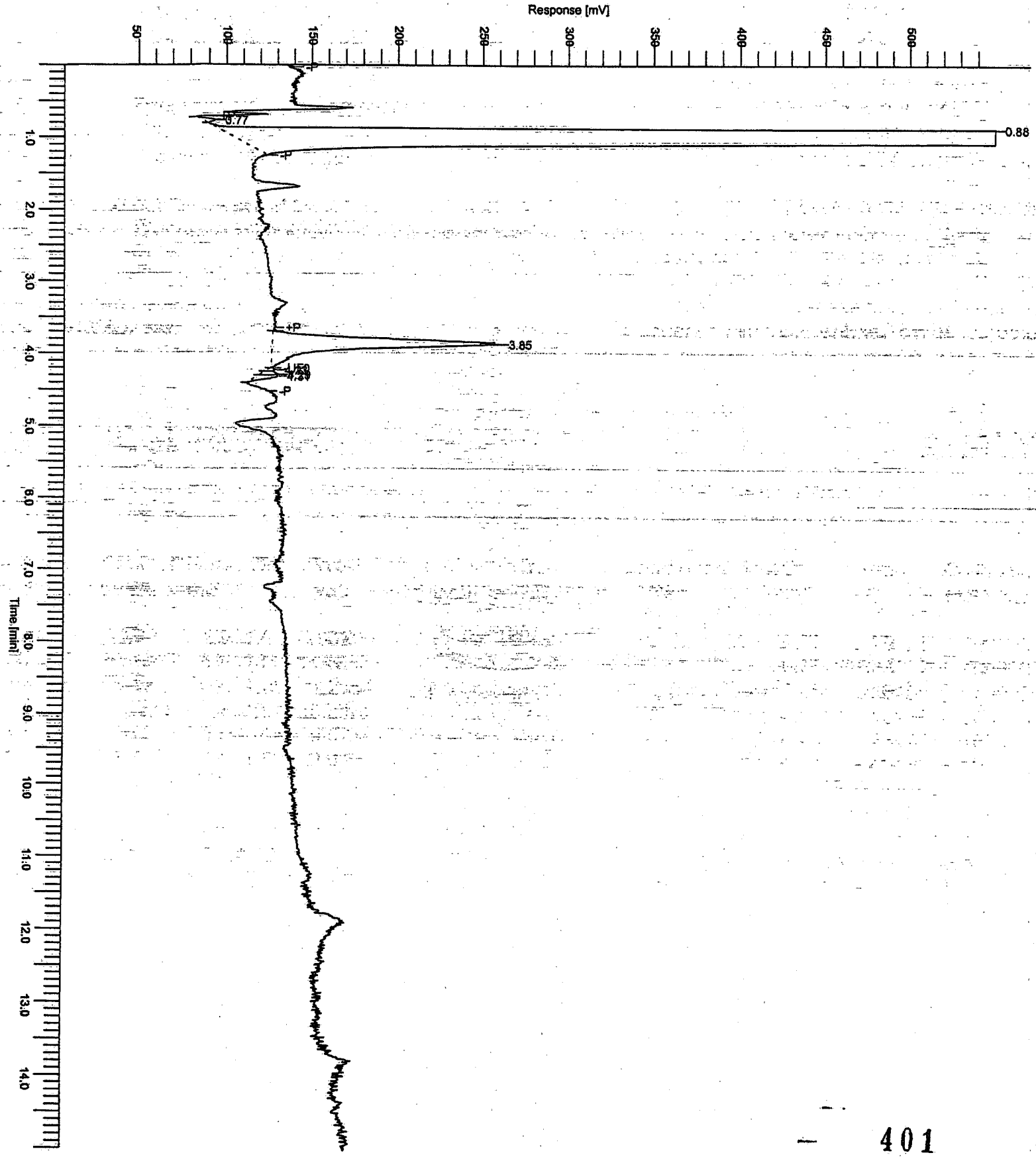
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 20028 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0200 |
| | 0.88 | 11633507 | 1000000 | 11.63 | 1.0 | 1.00 | 11.6335 |
| PERC → | 3.85 | 1216403 | ~~1000000~~ | 1.22 | 1.0 | 1.00 | ~~1.2164~~ |
| | 4.23 | 10210 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0102 |
| | 4.29 | 23946 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0239 |
| | 4.31 | 45498 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0455 |
| | | 12949590 | | | | | |

1216403-46731
1169672
RF=917933
conc=1.274 ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A025.TX0

# Chromatogram

Sample Name : L79047-4A,WG39545,STD2TUBE  Sample #: 25  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A025.raw
Date : 2/27/02 12:23:27 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 1:15:52 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:23:48 PM |
| Operator | : manager | Sample Name | : L79047-4B,WG39545,STD2TUBE |
| Sample Number | : 26 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/21 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 1:36:58 AM | Cycle | : 26 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A026.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A026.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

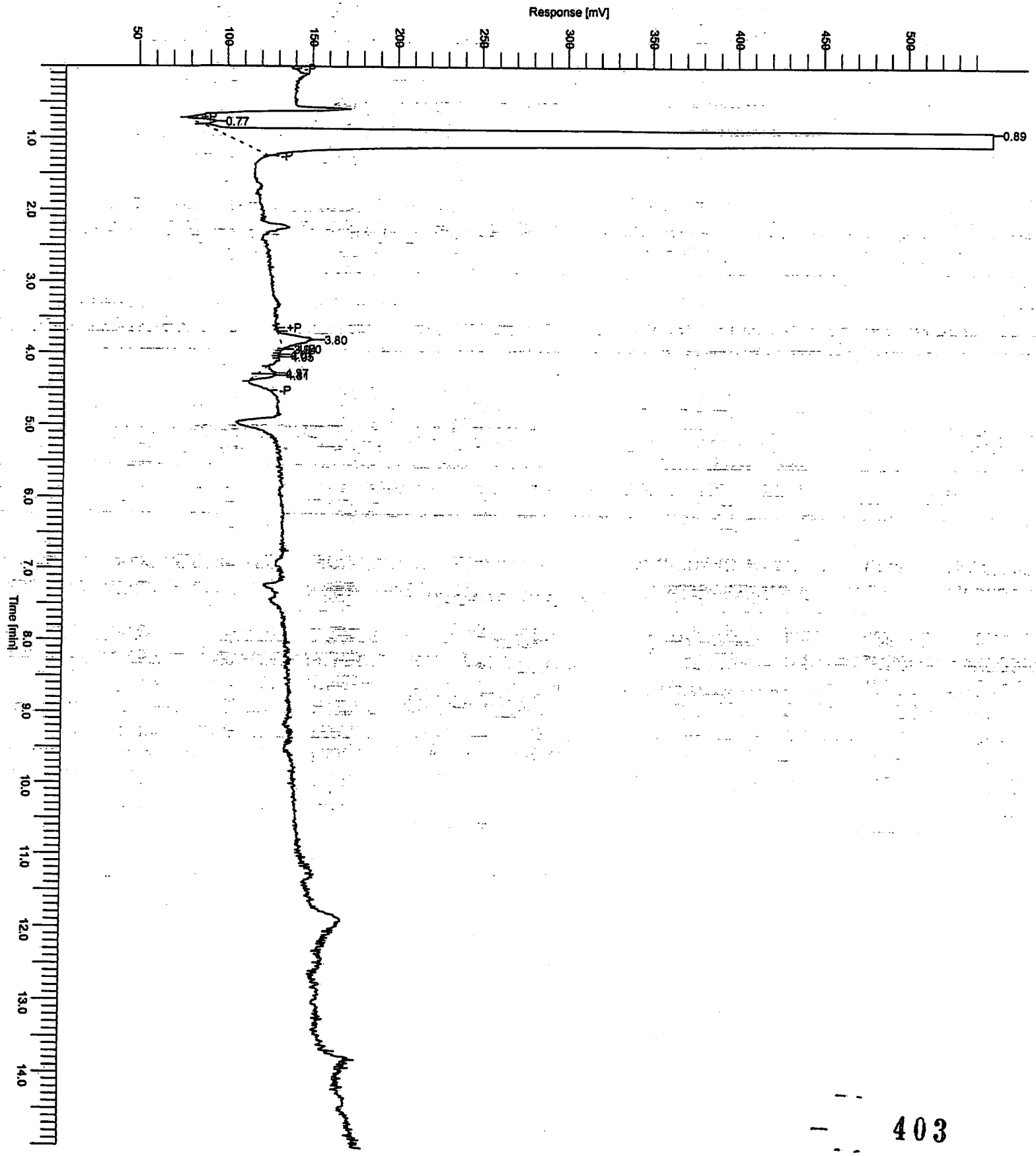
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 39189 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0392 |
| | 0.89 | 11732316 | 1000000 | 11.73 | 1.0 | 1.00 | 11.7323 |
| PERC → | 3.80 | 137315 | ~~1000000~~ | 0.14 | 1.0 | 1.00 | ~~0.1373~~ |
| | 3.94 | 820 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0008 |
| | 4.01 | 1328 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0013 |
| | 4.05 | 1538 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0015 |
| | 4.27 | 33850 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0338 |
| | 4.31 | 44045 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0440 |
| | | 11990400 | | | | | |

137315 - 46731
90584
RF=917933
conc=0.0987ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A026.TX0

# Chromatogram

Sample Name : L79047-4B,WG39545,STD2TUBE  Sample #: 26  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A026.raw
Date : 2/27/02 12:23:51 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 1:36:58 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:06:41 PM |
| Operator | : manager | Sample Name | : L79047-5A,WG39545,STD2TUBE |
| Sample Number | : 27 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/22 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 1:58:01 AM | Cycle | : 27 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A027.raw <Modified>
Result File : C:\PenExe\TcWS\HP-10A\022502A027.rst
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\HP-10A\022502A027.rst
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

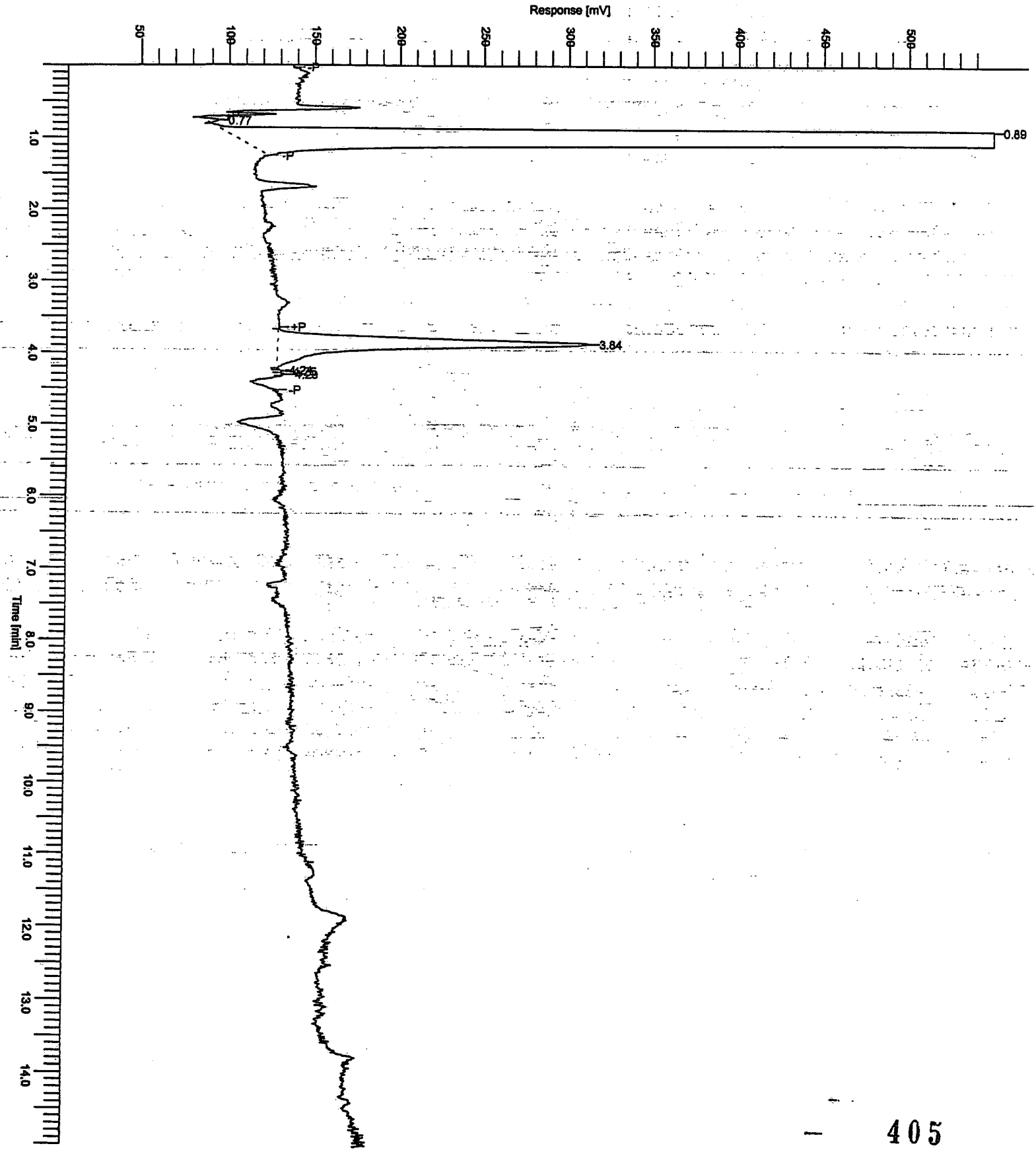
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 19506 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0195 |
| | 0.89 | 11697173 | 1000000 | 11.70 | 1.0 | 1.00 | 11.6972 |
| PERL → | 3.84 | 1751864 | ~~1000000~~ | 1.75 | 1.0 | 1.00 | ~~1.7519~~ |
| | 4.24 | 958 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0010 |
| | 4.25 | 4124 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0041 |
| | 4.29 | 4378 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0044 |
| | | 13478004 | | | | | |

1751864-46731
1705133
RF=917933
conc=1.858ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\HP-10A\022502A027.TX0

# Chromatogram

Sample Name : L79047-5A,WG39545,STD2TUBE  Sample #: 27  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A027.raw
Date : 2/26/02 5:06:45 PM
Method : hp10aperc311-9  Time of Injection: 2/26/02 1:58:01 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:06:48 PM |
| Operator | : manager | Sample Name | : L79047-5B,WG39545,STD2TUBE |
| Sample Number | : 28 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/23 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 2:18:57 AM | Cycle | : 28 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A028.raw <Modified>
Result File : C:\PenExe\TcWS\HP-10A\022502A028.rst
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\HP-10A\022502A028.rst
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

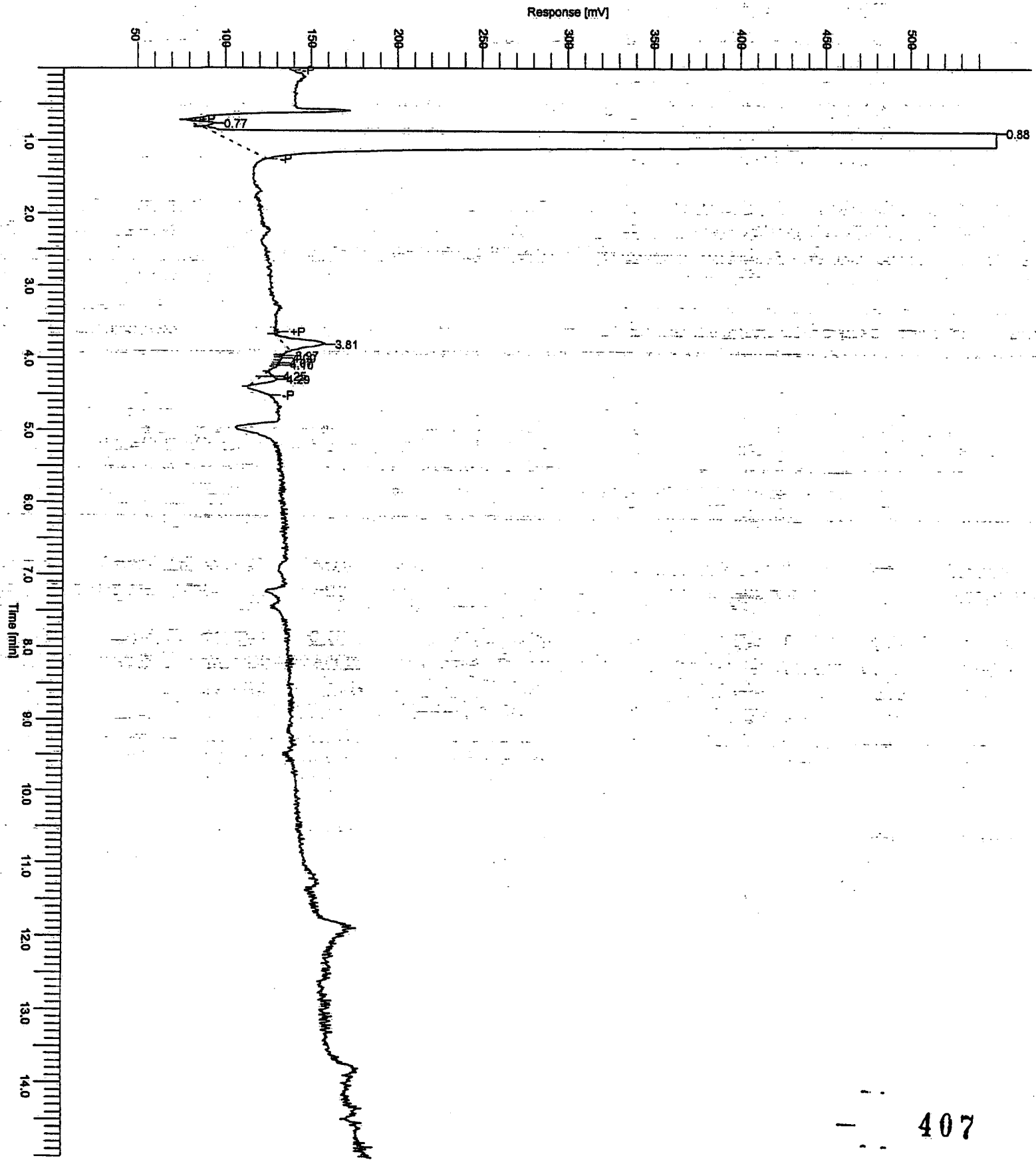
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 37790 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0378 |
| | 0.88 | 11681957 | 1000000 | 11.68 | 1.0 | 1.00 | 11.6820 |
| PCRL → | 3.81 | 159222 | 1000000 | 0.16 | 1.0 | 1.00 | 0.1592 |
| | 3.97 | 2633 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0026 |
| | 4.00 | 2491 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0025 |
| | 4.07 | 869 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0009 |
| | 4.10 | 1784 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0018 |
| | 4.25 | 13143 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0131 |
| | 4.29 | 60751 | 1000000 | 0.06 | 1.0 | 1.00 | 0.0608 |
| | | 11960640 | | | | | |

159222 - 46731
112491
RF=917933
conc= 0.123ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\HP-10A\022502A028.TX0

# Chromatogram

Sample Name : L79047-5B,WG39545,STD2TUBE  Sample #: 28  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A028.raw
Date : 2/26/02 5:06:52 PM
Method : hp10aperc311-9  Time of Injection: 2/26/02 2:18:57 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 2:06:45 PM |
| Operator | : manager | Sample Name | : L79047-6A,WG39545,STD2TUBE |
| Sample Number | : 31 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/26 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 3:22:04 AM | Cycle | : 31 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A031.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A031.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

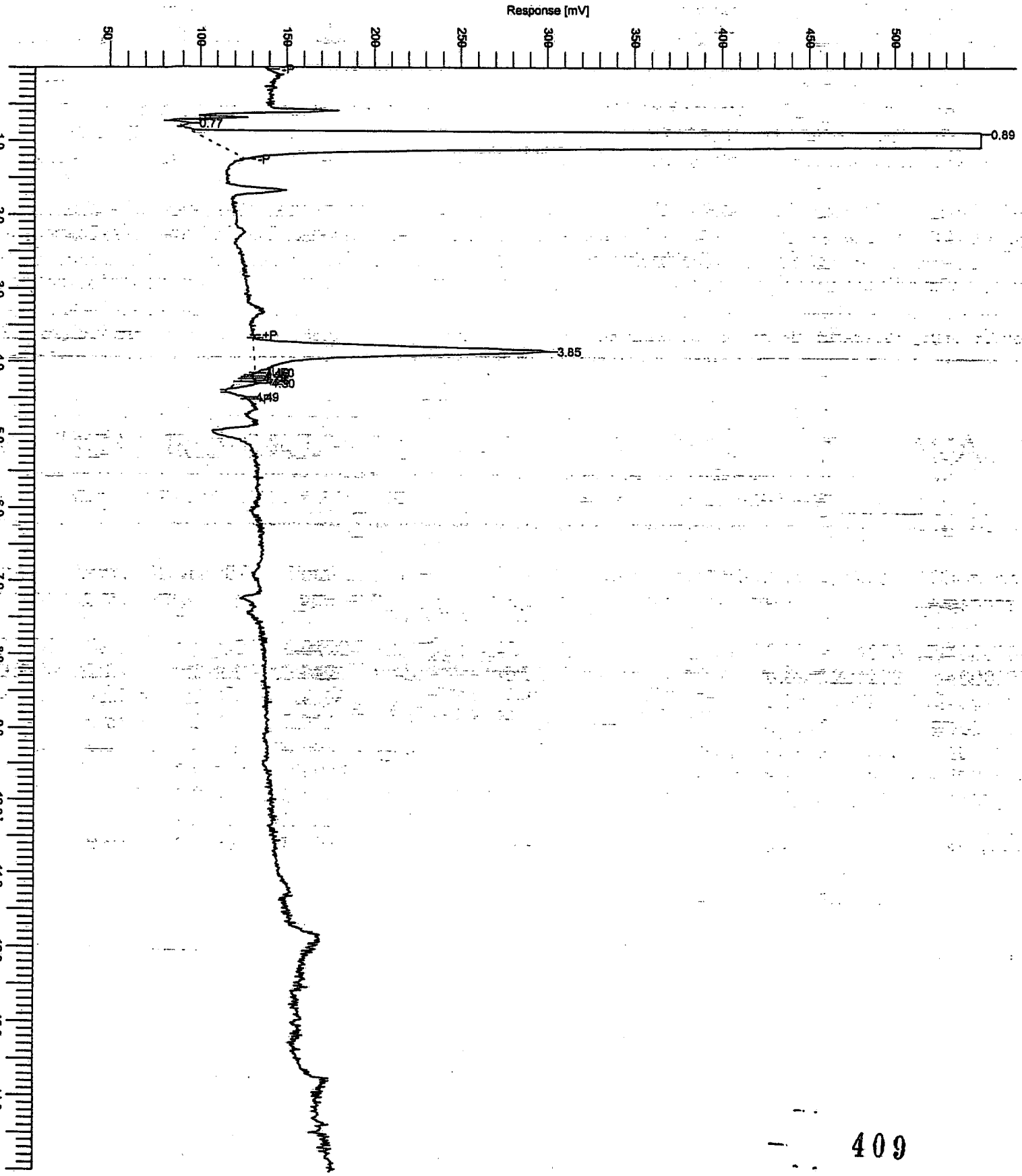
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 18330 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0183 |
| | 0.89 | 12012021 | 1000000 | 12.01 | 1.0 | 1.00 | 12.0120 |
| PERC → | 3.85 | 1569713 | 1000000 | 1.57 | 1.0 | 1.00 | ~~1.5697~~ |
| | 4.16 | 1789 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0018 |
| | 4.20 | 3957 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0040 |
| | 4.23 | 5060 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0051 |
| | 4.26 | 18261 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0183 |
| | 4.30 | 52322 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0523 |
| | 4.49 | 7122 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0071 |
| | | 13688575 | | | | | |

1569713 − 46731
1522982
RF=917933
conc=1.659ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A031.TX0

# Chromatogram

Sample Name : L79047-6A,WG39545,STD2TUBE  Sample #: 31  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A031.raw
Date : 2/27/02 2:06:49 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 3:22:04 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:07:13 PM |
| Operator | : manager | Sample Name | : L79047-6B,WG39545,STD2TUBE |
| Sample Number | : 32 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/27 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 3:43:03 AM | Cycle | : 32 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A032.raw <Modified>
Result File : C:\PenExe\TcWS\HP-10A\022502A032.rst
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\HP-10A\022502A032.rst
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

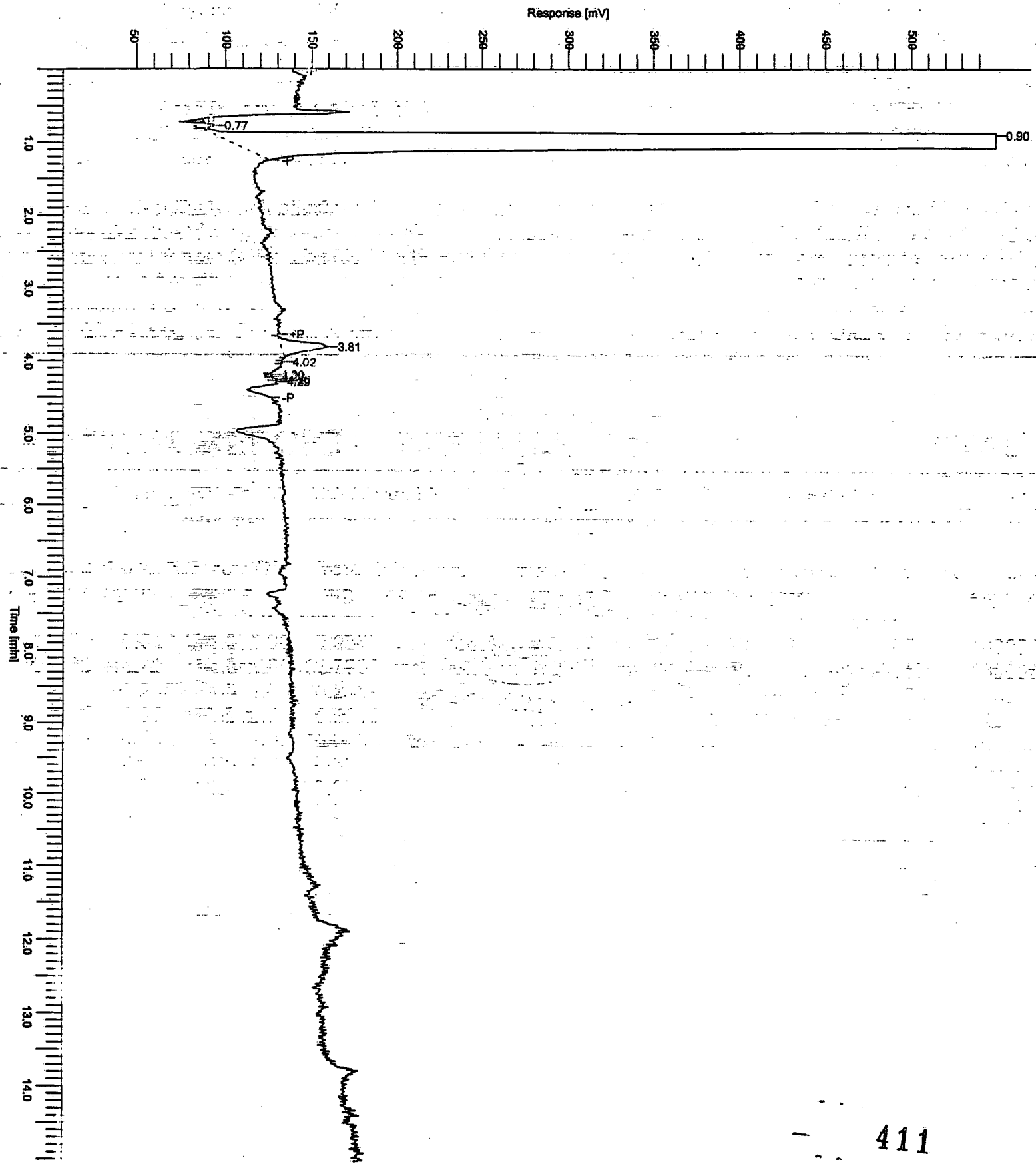
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 38702 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0387 |
| | 0.90 | 11790676 | 1000000 | 11.79 | 1.0 | 1.00 | 11.7907 |
| PCBC → | 3.81 | 214891 | 1000000 | 0.21 | 1.0 | 1.00 | 0.2149 |
| | 4.02 | 1316 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0013 |
| | 4.20 | 515 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0005 |
| | 4.22 | 583 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0006 |
| | 4.26 | 4325 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0043 |
| | 4.29 | 3474 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0035 |
| | | 12054482 | | | | | |

214891-46731
-168160
RF=917933
conc=0.183ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\HP-10A\022502A032.TX0

# Chromatogram

Sample Name : L79047-6B,WG395-45,STD2TUBE  Sample #: 32  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-1Ca\022502A032.raw
Date : 2/26/02 5:07:18 PM
Method : hp10aperc311-9  Time of Injection: 2/26/02 3:43:03 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:07:21 PM |
| Operator | : manager | Sample Name | : L79047-7A,WG39545,STD2TUBE |
| Sample Number | : 33 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/28 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 4:04:06 AM | Cycle | : 33 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A033.raw <Modified>
Result File : C:\PenExe\TcWS\HP-10A\022502A033.rst
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\HP-10A\022502A033.rst
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

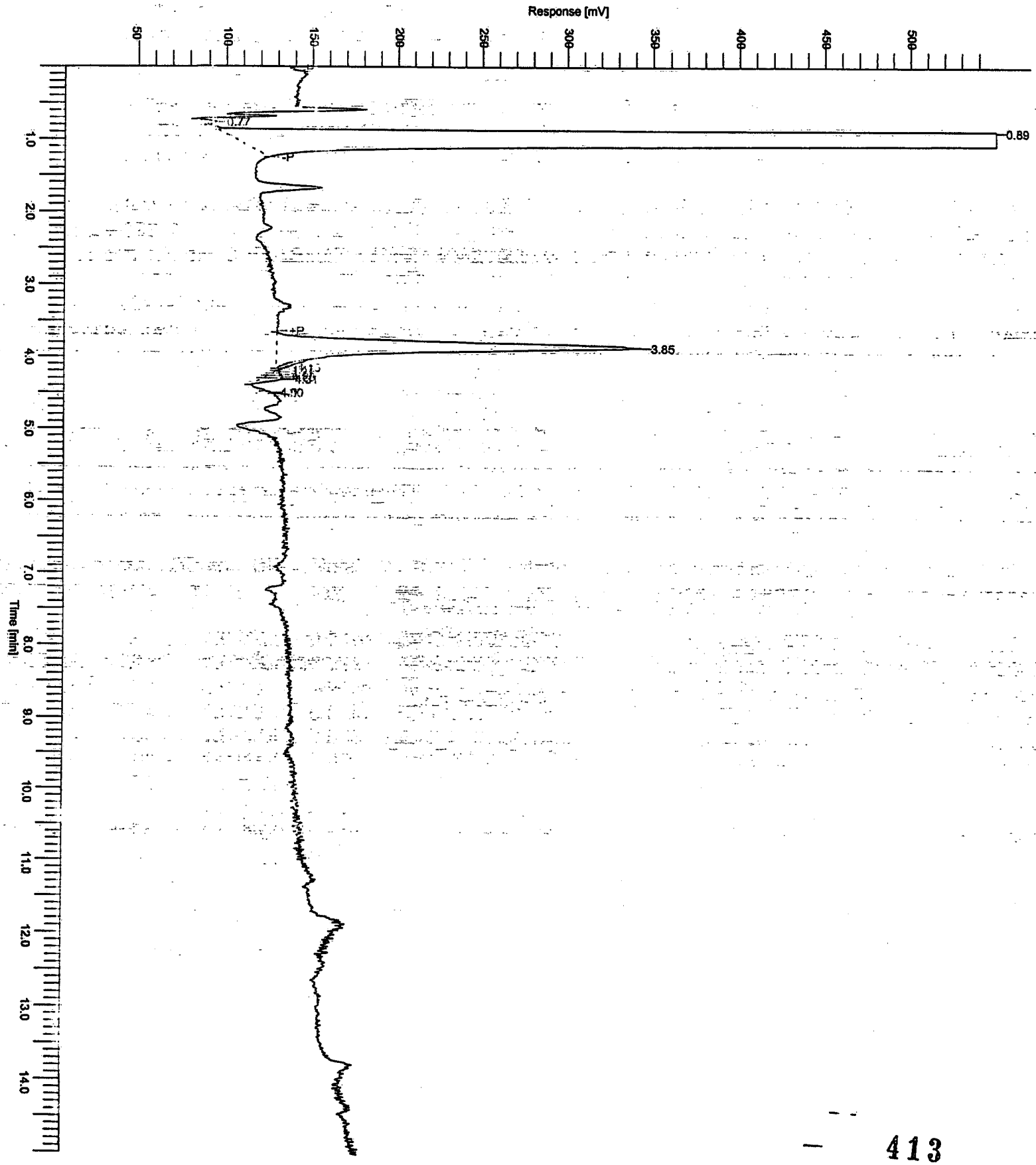
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 19063 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0191 |
| | 0.89 | 11711688 | 1000000 | 11.71 | 1.0 | 1.00 | 11.7117 |
| PERC → | 3.85 | 1966088 | ~~1000000~~ | 1.97 | 1.0 | 1.00 | ~~1.9661~~ |
| | 4.15 | 35984 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0360 |
| | 4.18 | 3115 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0031 |
| | 4.21 | 6654 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0067 |
| | 4.25 | 13126 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0131 |
| | 4.28 | 19633 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0196 |
| | 4.31 | 44069 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0441 |
| | 4.50 | 1154 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0012 |
| | | 13820574 | | | | | |

1966088 - 46731
1919357
RF = 917933
conc = 2.090 ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\HP-10A\022502A033.TX0

# Chromatogram

Sample Name : L79047-7A,WG39545,STD2TUBE  Sample #: 33  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A033.raw
Date : 2/26/02 5:07:25 PM
Method : hp10aperc311-9  Time of Injection: 2/26/02 4:04:06 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:07:28 PM |
| Operator | : manager | Sample Name | : L79047-7B,WG39545,STD2TUBE |
| Sample Number | : 34 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/29 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 4:25:10 AM | Cycle | : 34 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A034.raw <Modified>
Result File : C:\PenExe\TcWS\HP-10A\022502A034.rst
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\HP-10A\022502A034.rst
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

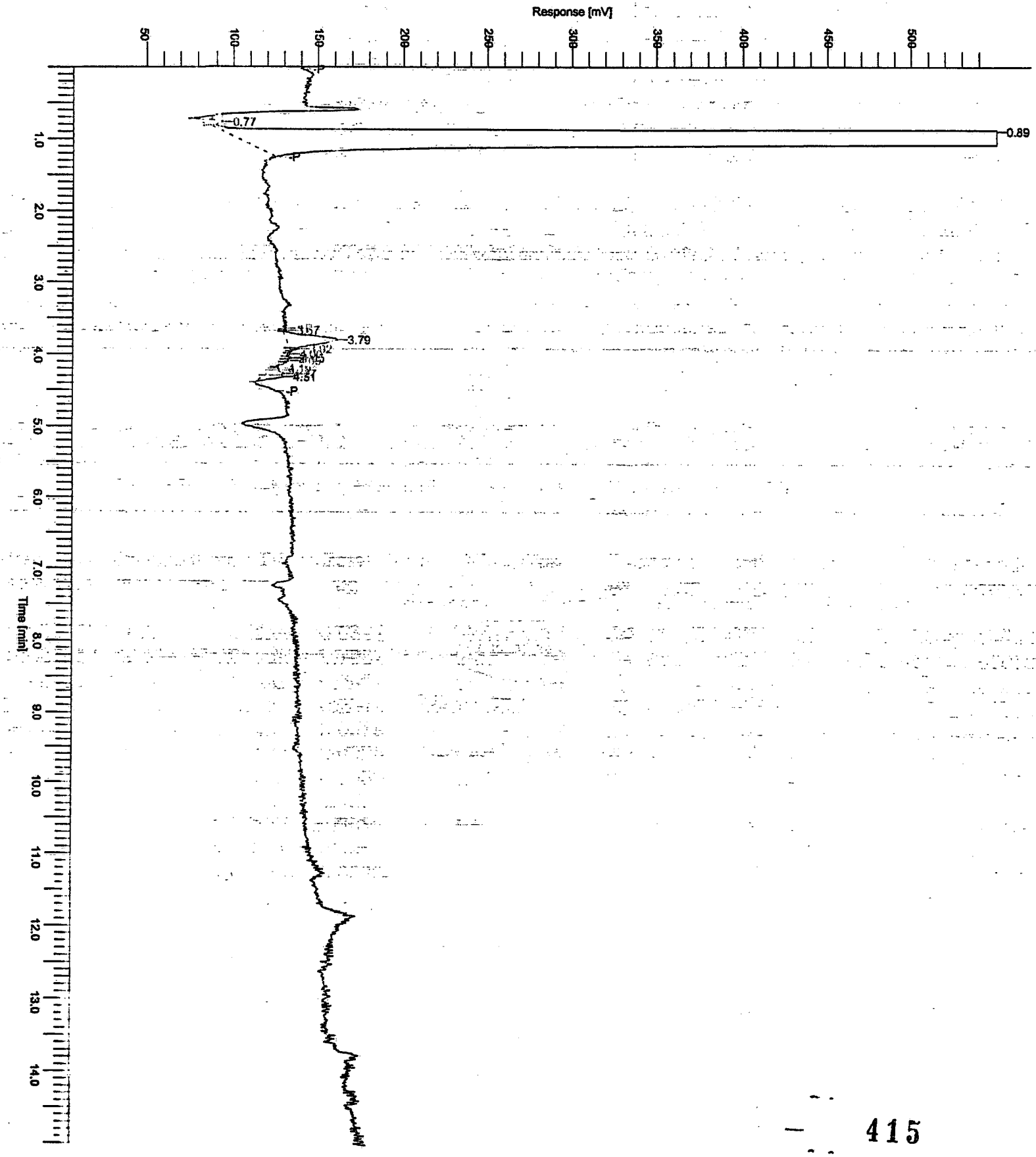
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 39086 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0391 |
| | 0.89 | 11798194 | 1000000 | 11.80 | 1.0 | 1.00 | 11.7982 |
| | 3.67 | 1890 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0019 |
| PERC → | 3.79 | 231887 | 1000000 | 0.23 | 1.0 | 1.00 | ~~0.2319~~ |
| | 3.92 | 7466 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0075 |
| | 4.00 | 2848 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0028 |
| | 4.05 | 5070 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0051 |
| | 4.09 | 3777 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0038 |
| | 4.19 | 1524 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0015 |
| | 4.22 | 5265 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0053 |
| | 4.27 | 33266 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0333 |
| | 4.31 | 41974 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0420 |
| | | 12172247 | | | | | |

231887 − 46731
185156
RF=917933
conc= 0.2017 ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\HP-10A\022502A034.TX0

# Chromatogram

Sample Name : L79047-7B,WG39545,STD2TUBE  Sample #: 34  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-1Ca\022502A034.raw
Date : 2/26/02 5:07:35 PM
Method : hp10aperc311-9  Time of Injection: 2/26/02 4:25:10 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 2:06:02 PM |
| Operator | : manager | Sample Name | : L79047-8A,WG39545,STD2TUBE |
| Sample Number | : 35 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/30 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 4:46:13 AM | Cycle | : 35 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A035.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A035.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

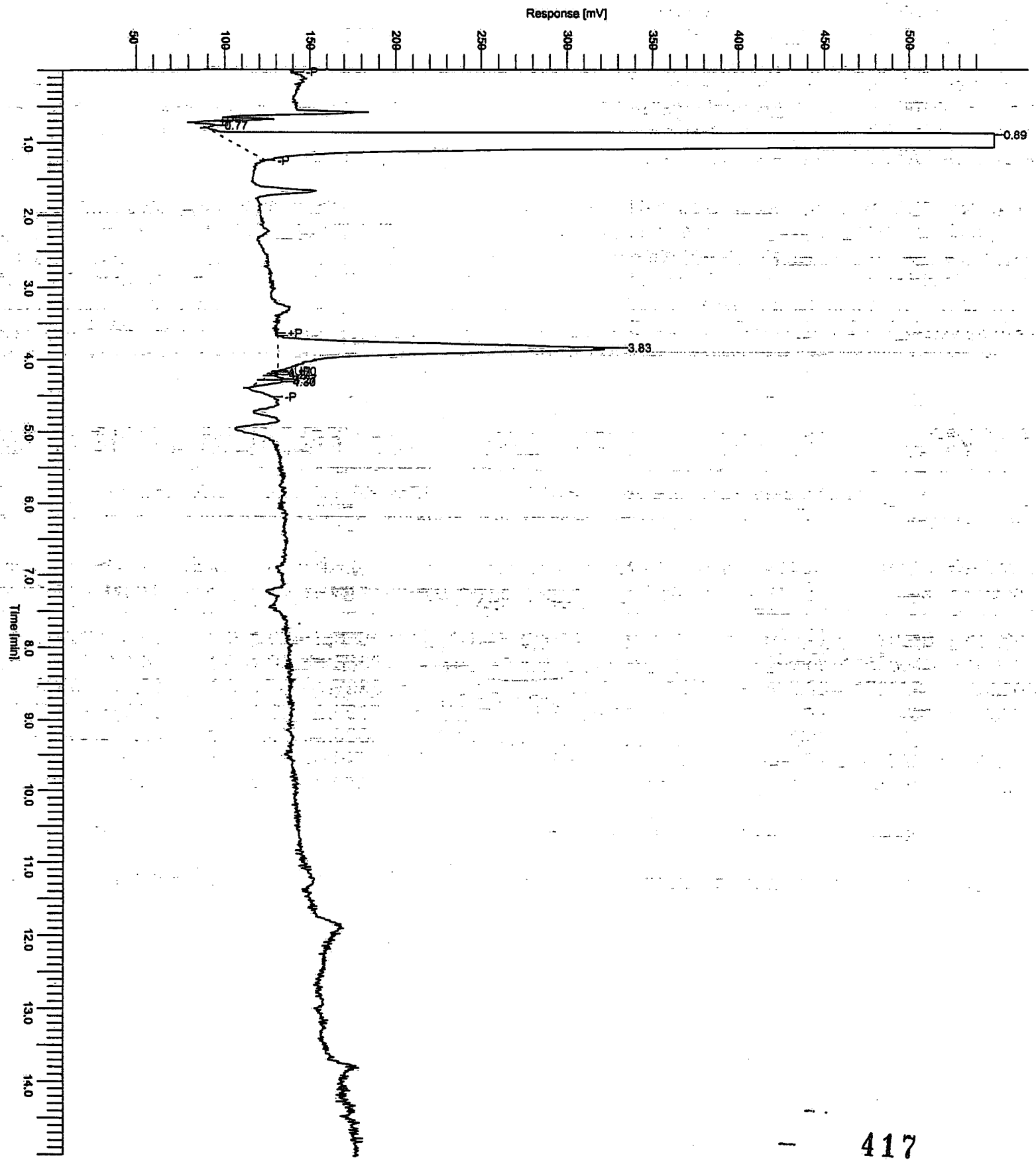
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 20567 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0206 |
| | 0.89 | 11536643 | 1000000 | 11.54 | 1.0 | 1.00 | 11.5366 |
| PERC → | 3.83 | 1799269 | ~~1000000~~ | 1.80 | 1.0 | 1.00 | 1.~~7993~~ |
| | 4.17 | 1324 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0013 |
| | 4.21 | 6425 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0064 |
| | 4.27 | 27955 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0280 |
| | 4.30 | 53912 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0539 |
| | | 13446095 | | | | | |

1799269 - 46731
1752538
RF=917933
conc=1.909ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A035.TX0

# Chromatogram

Sample Name : L79047-8A,WG39545,STD2TUBE  Sample #: 35  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A035.raw
Date : 2/27/02 2:06:05 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 4:46:13 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:24:46 PM |
| Operator | : manager | Sample Name | : L79047-8B,WG39545,STD2TUBE |
| Sample Number | : 36 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/31 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 5:07:20 AM | Cycle | : 36 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A036.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A036.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

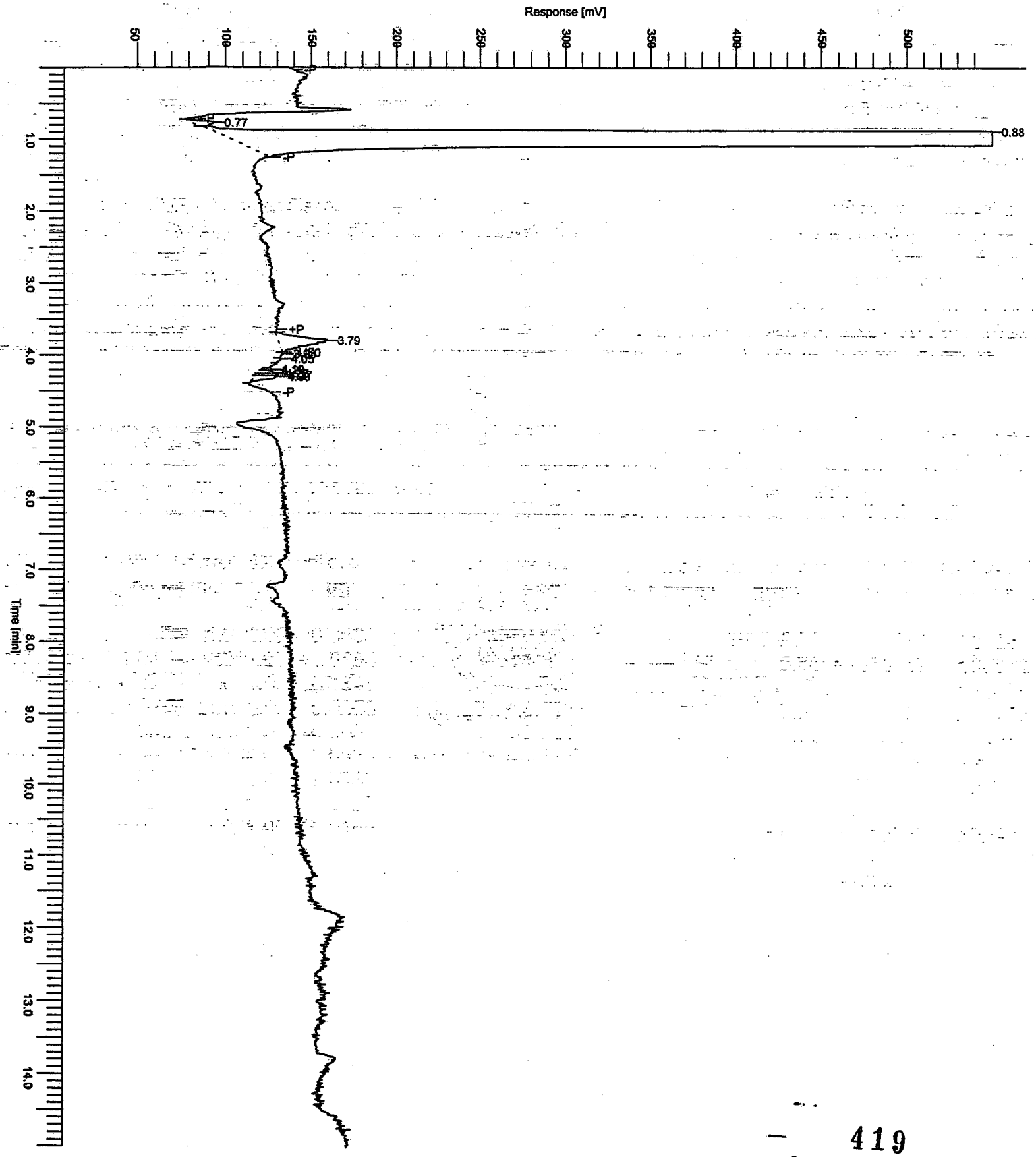
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 40037 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0400 |
| | 0.88 | 11638417 | 1000000 | 11.64 | 1.0 | 1.00 | 11.6384 |
| PERC → | 3.79 | 231628 | ~~1000000~~ | 0.23 | 1.0 | 1.00 | ~~0.2316~~ |
| | 3.98 | 2769 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0028 |
| | 4.05 | 3626 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0036 |
| | 4.19 | 2009 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0020 |
| | 4.20 | 3822 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0038 |
| | 4.25 | 15282 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0153 |
| | 4.27 | 16529 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0165 |
| | 4.30 | 45103 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0451 |
| | | 11999223 | | | | | |

231628-46731
184897
RF=917933
conc=0.201ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A036.TX0

# Chromatogram

Sample Name : L79047-8B,WG39545,STD2TUBE  Sample #: 36  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-1 0a\022502A036.raw
Date : 2/27/02 12:24:50 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 5:07:20 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:25:18 PM |
| Operator | : manager | Sample Name | : L79047-9A,WG39545,STD2TUBE |
| Sample Number | : 37 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/32 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 5:28:27 AM | Cycle | : 37 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A037.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A037.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

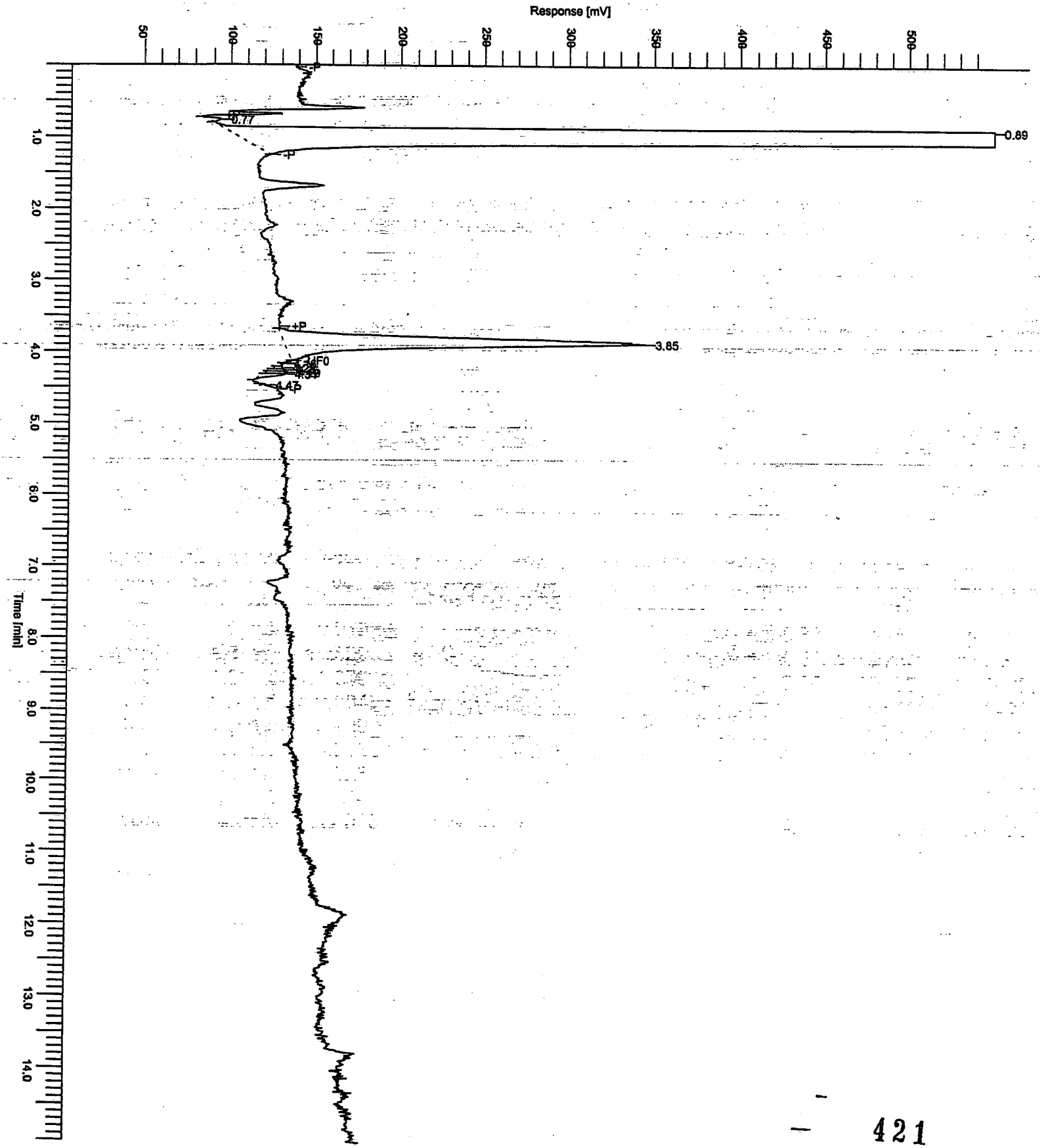
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 19689 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0197 |
| | 0.89 | 11529611 | 1000000 | 11.53 | 1.0 | 1.00 | 11.5296 |
| PCB → | 3.85 | 1876938 | ~~1000000~~ | 1.88 | 1.0 | 1.00 | ~~1.8769~~ |
| | 4.16 | 4198 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0042 |
| | 4.23 | 9202 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0092 |
| | 4.25 | 13638 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0136 |
| | 4.29 | 23333 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0233 |
| | 4.31 | 34460 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0345 |
| | 4.47 | 1332 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0013 |
| | | 13512401 | | | | | |

1876938 - 46731
1830207
RF=917933
Conc= 1.994ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A037.TX0

# Chromatogram

Sample Name : L79047-9A,WG39545,STD2TUBE  Sample #: 37  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A037.raw
Date : 2/27/02 12:25:21 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/28/02 5:28:27 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:25:37 PM |
| Operator | : manager | Sample Name | : L79047-9B,WG39545,STD2TUBE |
| Sample Number | : 38 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/33 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 5:49:23 AM | Cycle | : 38 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A038.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A038.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

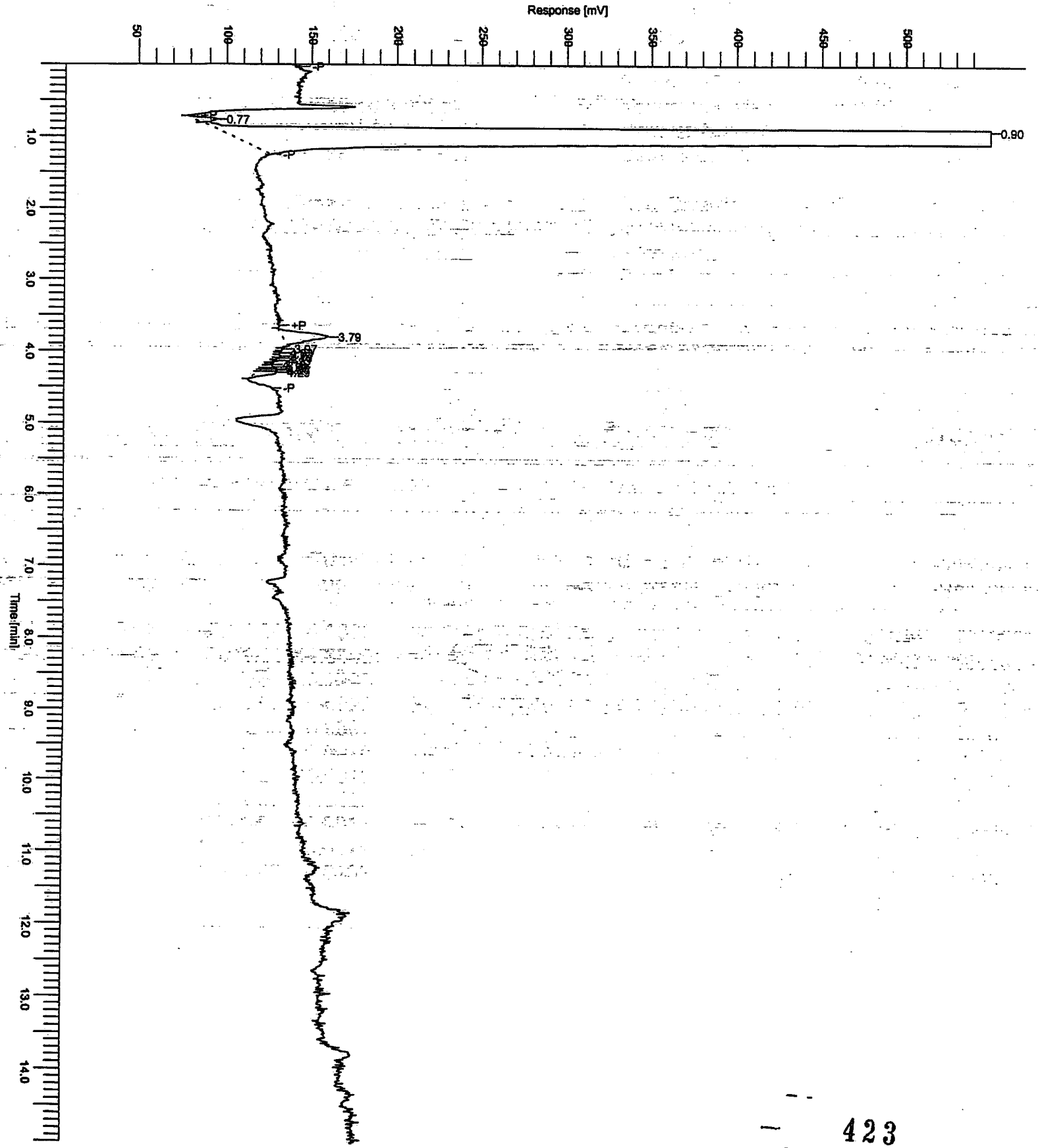
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 38834 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0388 |
| | 0.90 | 11844489 | 1000000 | 11.84 | 1.0 | 1.00 | 11.8445 |
| PCBC → | 3.79 | 190464 | ~~1000000~~ | 0.19 | 1.0 | 1.00 | ~~0.1905~~ |
| | 3.97 | 1998 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0020 |
| | 4.03 | 677 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0007 |
| | 4.07 | 2776 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0028 |
| | 4.10 | 1169 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0012 |
| | 4.13 | 2906 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0029 |
| | 4.19 | 1674 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0017 |
| | 4.22 | 7896 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0079 |
| | 4.25 | 10222 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0102 |
| | 4.27 | 14834 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0148 |
| | 4.29 | 46948 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0469 |
| | | 12164889 | | | | | |

190464 - 46731
143733
RF=917733
Conc= 0.157ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A038.TX0

# Chromatogram

Sample Name : L79047-9B,WG39545,STD2TUBE  Sample #: 38  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A038.raw
Date : 2/27/02 12:25:40 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 5:49:23 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 2:05:41 PM |
| Operator | : manager | Sample Name | : L79047-10A,WG39545,STD2TUBE |
| Sample Number | : 39 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/34 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 6:10:26 AM | Cycle | : 39 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A039.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A039.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

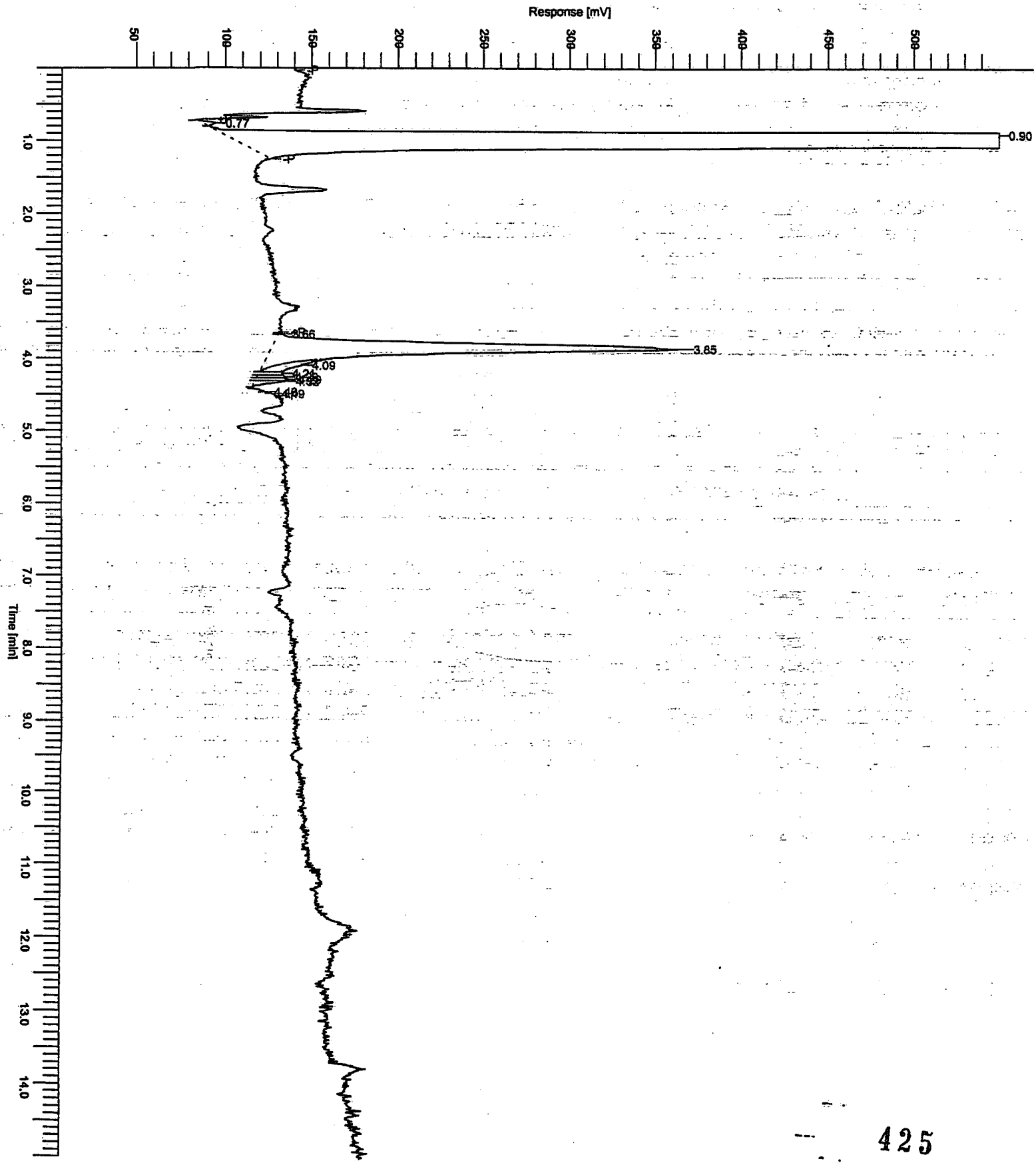
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 22017 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0220 |
| | 0.90 | 11740411 | 1000000 | 11.74 | 1.0 | 1.00 | 11.7404 |
| | 3.66 | 1984 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0020 |
| PCBC → | 3.85 | 2204893 | ~~1000000~~ | 2.20 | 1.0 | 1.00 | ~~2.2049~~ |
| | 4.09 | 128877 | 1000000 | 0.13 | 1.0 | 1.00 | 0.1289 |
| | 4.21 | 36019 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0360 |
| | 4.26 | 35411 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0354 |
| | 4.29 | 40004 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0400 |
| | 4.32 | 45496 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0455 |
| | 4.46 | 2854 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0029 |
| | 4.49 | 1086 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0011 |
| | | 14259053 | | | | | |

2204893-246731
2158162
RF=917933
conc= 2.35 ug/ml

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A039.TX0

# Chromatogram

Sample Name : L79047-10A,WG39545,STD2TUBE  Sample #: 39  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A039.raw
Date : 2/27/02 2:05:44 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 6:10:26 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:26:28 PM |
| Operator | : manager | Sample Name | : L79047-10B,WG39545,STD2TUBE |
| Sample Number | : 40 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/35 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 6:31:25 AM | Cycle | : 40 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A040.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A040.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

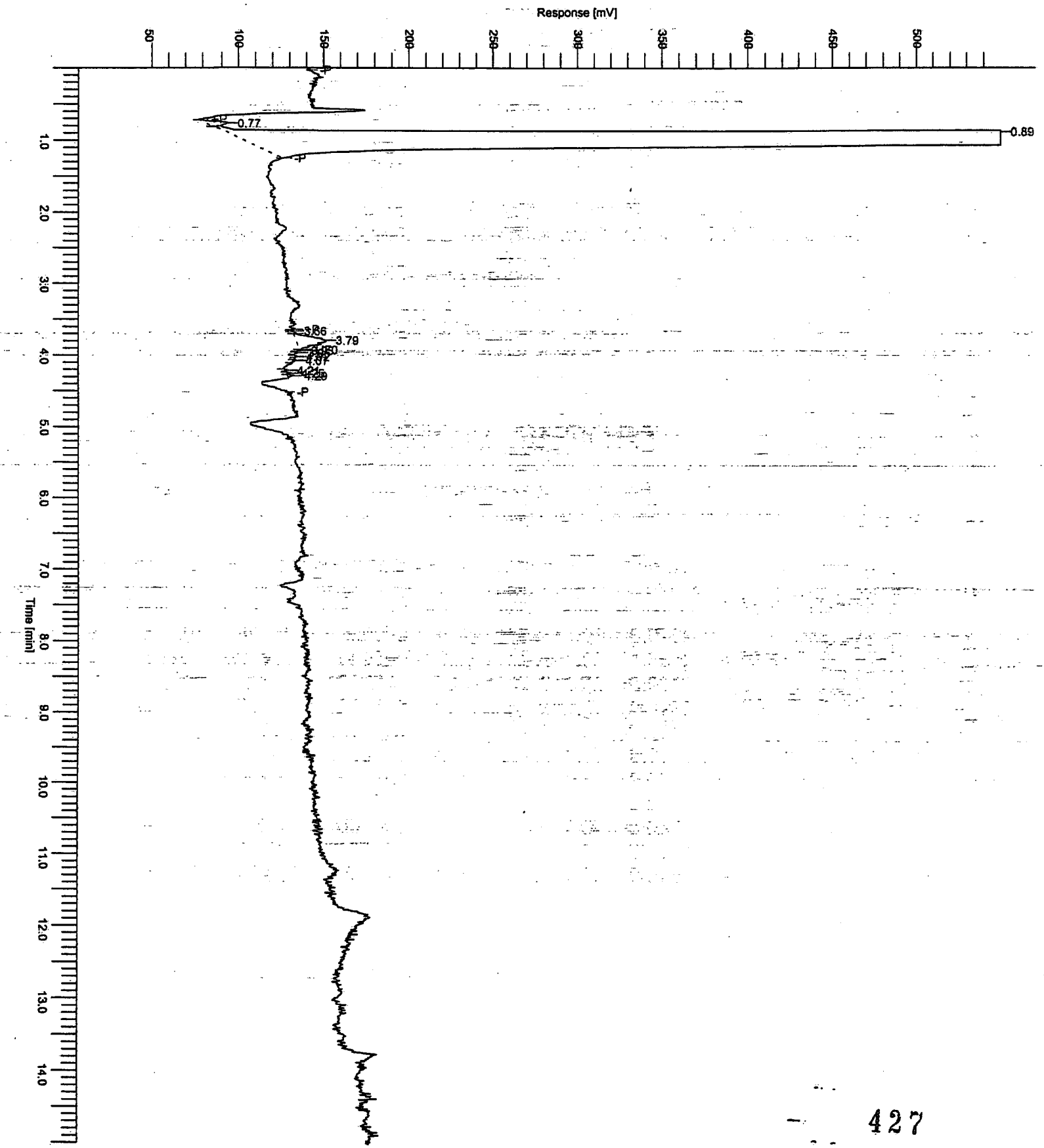
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 39860 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0399 |
| | 0.89 | 11831181 | 1000000 | 11.83 | 1.0 | 1.00 | 11.8312 |
| | 3.66 | 1327 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0013 |
| PERL → | 3.79 | 128153 | ~~1000000~~ | 0.13 | 1.0 | 1.00 | ~~0.1282~~ |
| | 3.93 | 1860 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0019 |
| | 3.96 | 1261 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0013 |
| | 4.02 | 904 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0009 |
| | 4.07 | 2471 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0025 |
| | 4.21 | 1532 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0015 |
| | 4.25 | 2436 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0024 |
| | 4.29 | 5314 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0053 |
| | | 12016300 | | | | | |

128153-46731
~~conc~~ 81422
RF=917933
conc=0.089ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A040.TX0

# Chromatogram

Sample Name : L79047-10B,WG39545,STD2TUBE  Sample #: 40  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A040.raw
Date : 2/27/02 12:26:32 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 6:31:25 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:26:58 PM |
| Operator | : manager | Sample Name | : L79047-11A,WG39545,STD2TUBE |
| Sample Number | : 42 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/37 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 7:13:39 AM | Cycle | : 42 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A042.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A042.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD: _____ Column: RTX-1 30M X 0.53mm ID

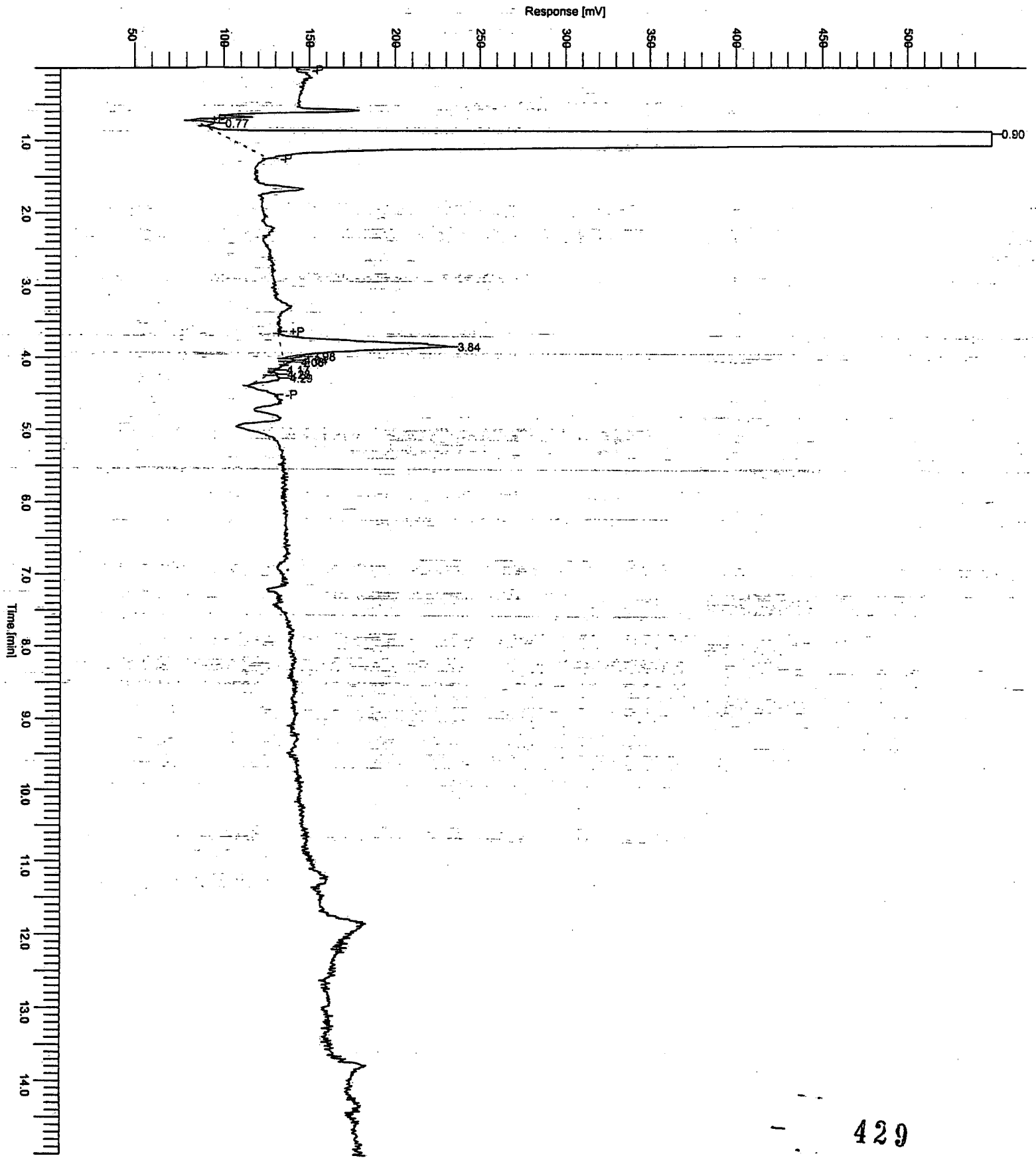
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 27317 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0273 |
| | 0.90 | 11640024 | 1000000 | 11.64 | 1.0 | 1.00 | 11.6400 |
| PERC → | 3.84 | 813813 | ~~1000000~~ | 0.81 | 1.0 | 1.00 | ~~0.8138~~ |
| | 3.98 | 21035 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0210 |
| | 4.04 | 12926 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0129 |
| | 4.06 | 5751 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0058 |
| | 4.17 | 1014 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0010 |
| | 4.23 | 8145 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0081 |
| | 4.29 | 54918 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0549 |
| | | 12584942 | | | | | |

813813-46731
767082
RF=917933
Conc=0.836ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A042.TX0

# Chromatogram

Sample Name : L79047-11A,WG39 545,STD2TUBE  Sample #: 42  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A042.raw
Date : 2/27/02 12:27:01 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 7:13:39 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:27:53 PM |
| Operator | : manager | Sample Name | : L79047-11B,WG39545,STD2TUBE |
| Sample Number | : 43 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/38 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 7:34:42 AM | Cycle | : 43 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A043.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A043.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

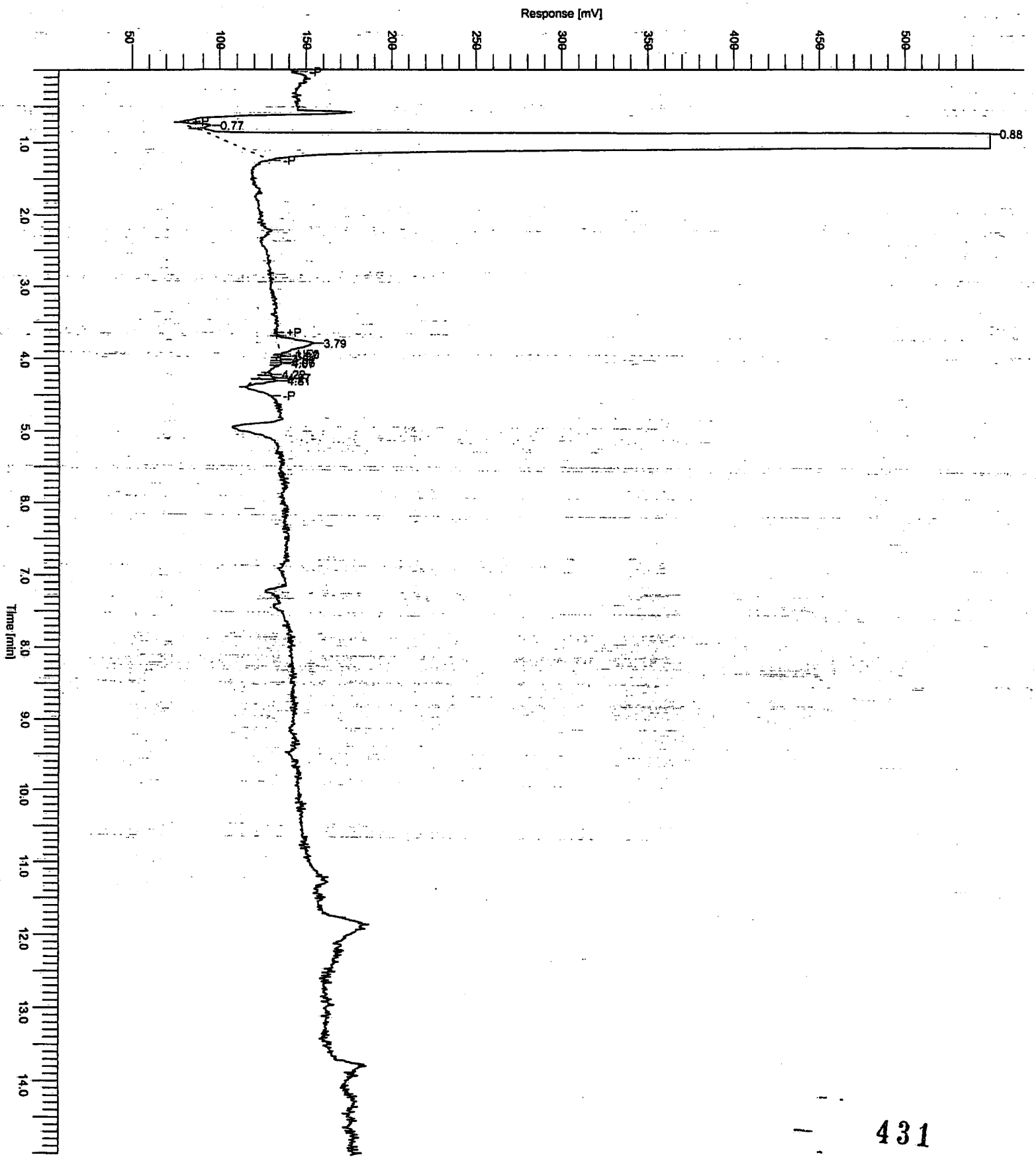
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 40131 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0401 |
| | 0.88 | 11906509 | 1000000 | 11.91 | 1.0 | 1.00 | 11.9065 |
| PERC → | 3.79 | 159171 | 1000000 | 0.16 | 1.0 | 1.00 | 0.1592 |
| | 3.97 | 3585 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0036 |
| | 4.01 | 5699 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0057 |
| | 4.06 | 4563 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0046 |
| | 4.07 | 5295 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0053 |
| | 4.22 | 7211 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0072 |
| | 4.27 | 23543 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0235 |
| | 4.31 | 41449 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0414 |
| | | 12197155 | | | | | |

159171 - 46731
~~conc~~ 112440
RF = 917933
Conc = 0.122 ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A043.TX0

# Chromatogram

Sample Name : L79047-11B,WG39545,STD2TUBE  Sample #: 43  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-1 0a\022502A043.raw
Date : 2/27/02 12:27:56 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 7:34:42 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 2:05:13 PM |
| Operator | : manager | Sample Name | : L79047-12A,WG39545,STD2TUBE |
| Sample Number | : 44 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/39 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 7:55:38 AM | Cycle | : 44 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A044.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A044.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

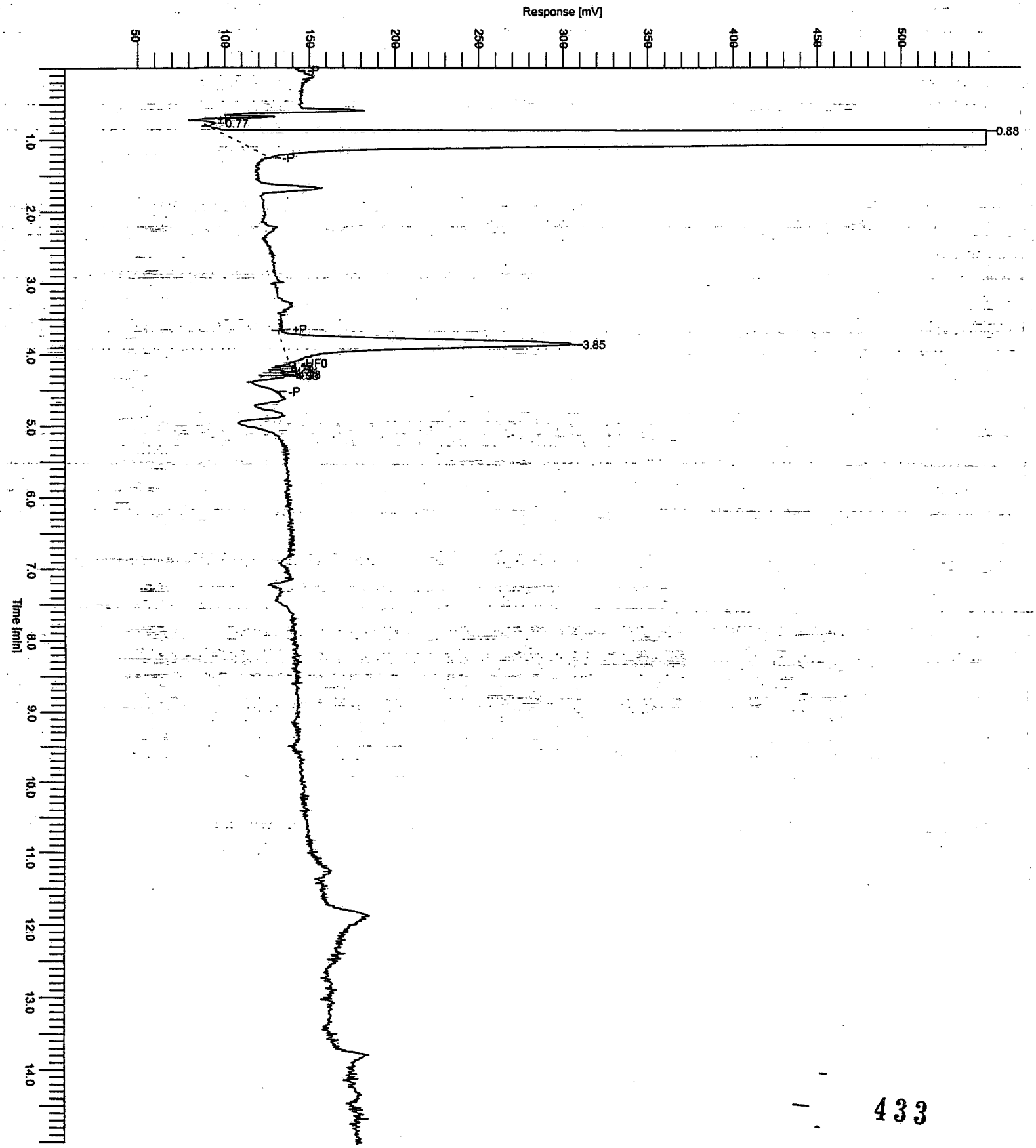
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 24147 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0241 |
| | 0.88 | 11515492 | 1000000 | 11.52 | 1.0 | 1.00 | 11.5155 |
| PERC → | 3.85 | 1556382 | 1000000 | 1.56 | 1.0 | 1.00 | ~~1.5564~~ |
| | 4.17 | 1026 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0010 |
| | 4.20 | 4240 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0042 |
| | 4.24 | 17477 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0175 |
| | 4.28 | 22511 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0225 |
| | 4.30 | 45914 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0459 |
| | | 13187190 | | | | | |

1556382 - 46731
1509651
RF = 917933
conc = 1.645 ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A044.TX0

# Chromatogram

Sample Name : L79047-12A,WG39545,STD2TUBE  Sample #: 44  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A044.raw
Date : 2/27/02 2:05:16 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 7:55:38 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:28:30 PM |
| Operator | : manager | Sample Name | : L79047-12B,WG39545,STD2TUBE |
| Sample Number | : 45 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/40 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 8:16:45 AM | Cycle | : 45 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A045.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A045.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

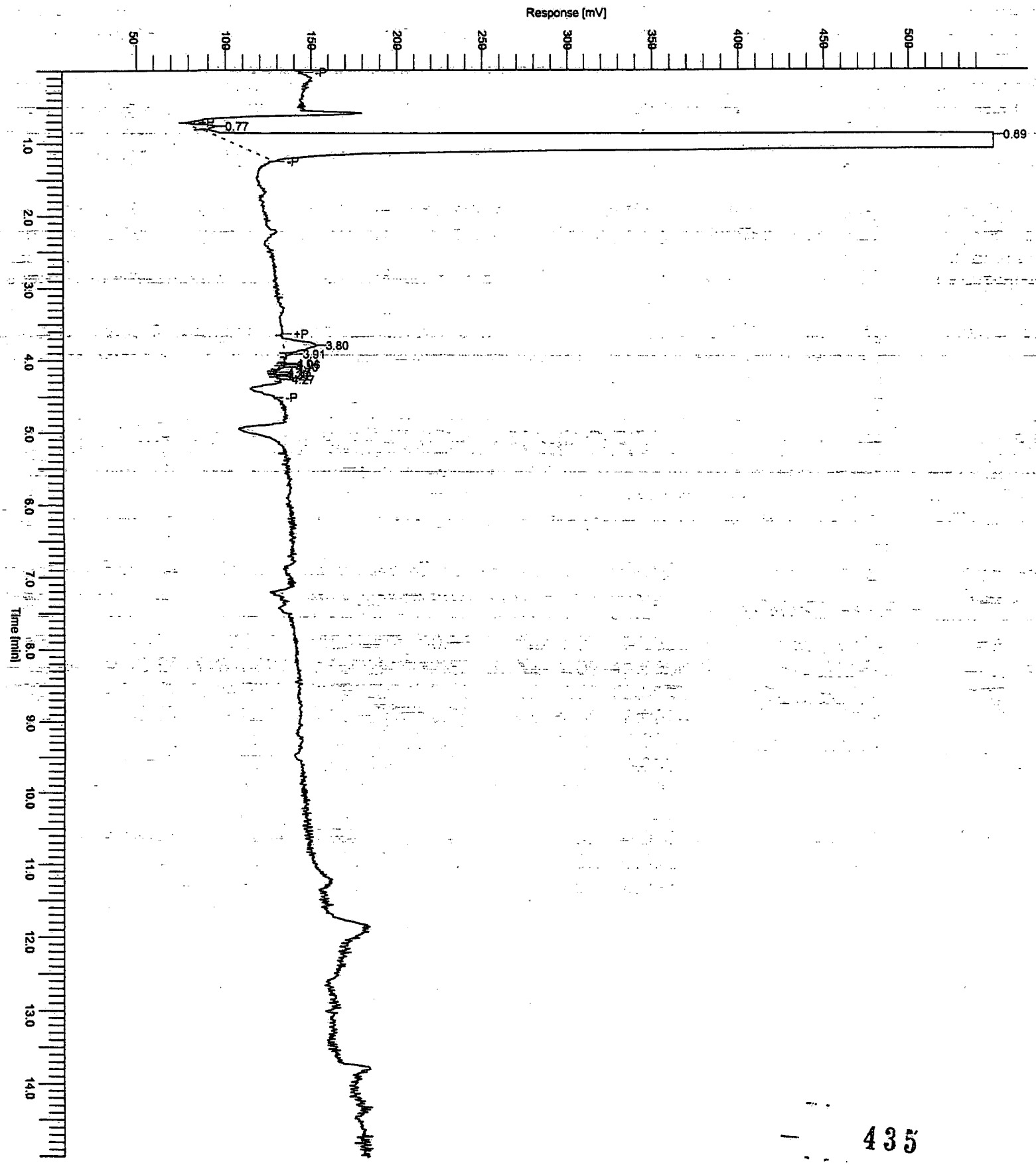
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 39500 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0395 |
| | 0.89 | 11816778 | 1000000 | 11.82 | 1.0 | 1.00 | 11.8168 |
| PERC → | 3.80 | 147647 | ~~1000000~~ | 0.15 | 1.0 | 1.00 | ~~0.1476~~ |
| | 3.91 | 6375 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0064 |
| | 4.04 | 1512 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0015 |
| | 4.06 | 3246 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0032 |
| | 4.10 | 5677 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0057 |
| | 4.17 | 2203 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0022 |
| | 4.20 | 814 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0008 |
| | 4.22 | 2336 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0023 |
| | 4.27 | 3245 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0032 |
| | | 12029333 | | | | | |

147647 -46731
100916
RF=917933
conc=0.1099 ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A045.TX0

# Chromatogram

Sample Name : L79047-12B,WG39545,STD2TUBE  Sample #: 45  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A045.raw
Date : 2/27/02 12:28:34 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 8:16:45 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 2:04:46 PM |
| Operator | : manager | Sample Name | : L79047-13A,WG39545,STD2TUBE |
| Sample Number | : 46 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/41 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 8:37:48 AM | Cycle | : 46 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A046.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A046.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

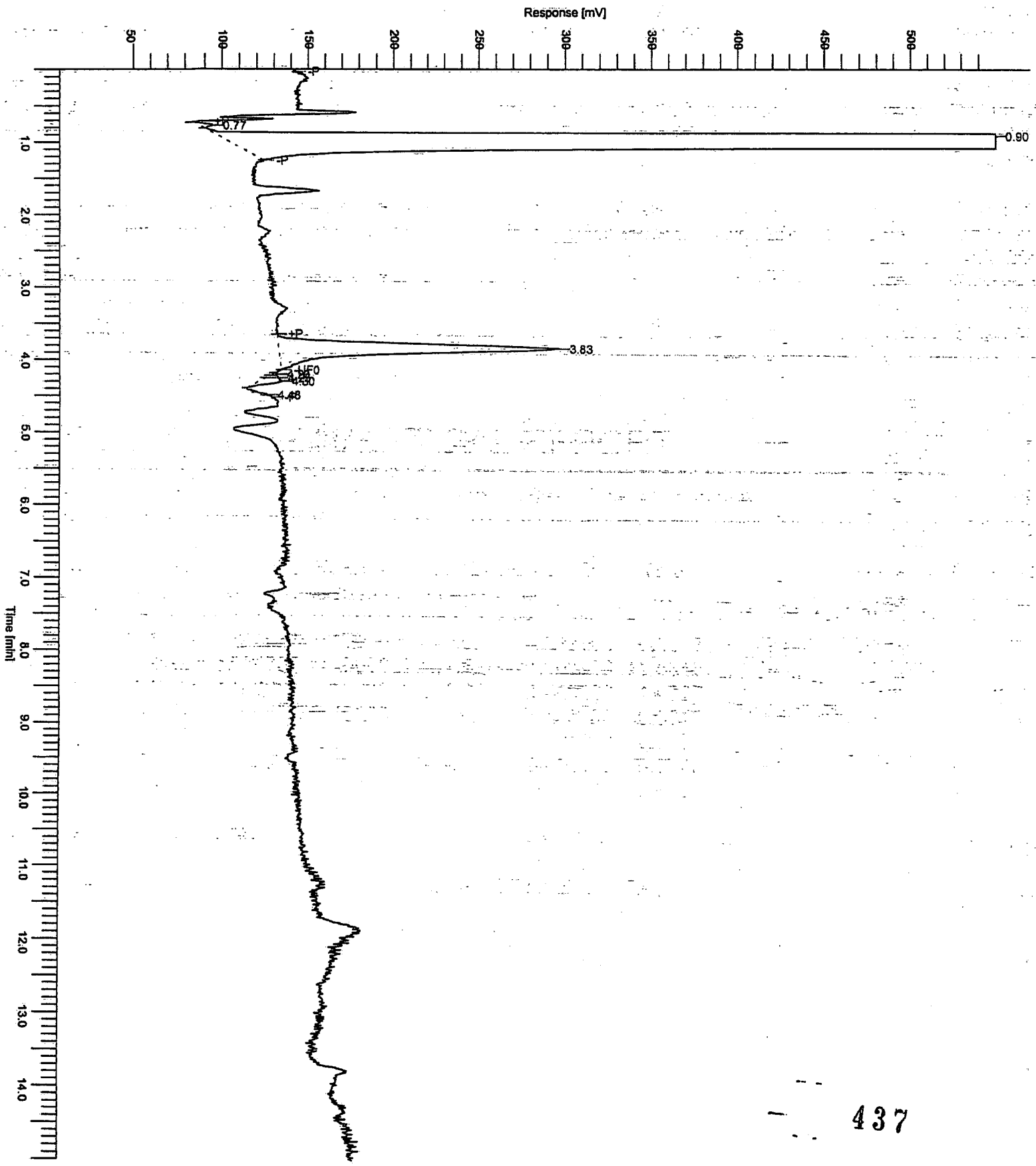
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 21687 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0217 |
| | 0.90 | 11534766 | 1000000 | 11.53 | 1.0 | 1.00 | 11.5348 |
| PERC → | 3.83 | 1478729 | 1000000 | 1.48 | 1.0 | 1.00 | 1.4787 |
| | 4.20 | 4508 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0045 |
| | 4.25 | 9674 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0097 |
| | 4.30 | 67879 | 1000000 | 0.07 | 1.0 | 1.00 | 0.0679 |
| | 4.48 | 2469 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0025 |
| | | 13119711 | | | | | |

1478729-46731
1431998
RF=917933
conc=1.560ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A046.TX0

# Chromatogram

Sample Name : L79047-13A,WG39545,STD2TUBE  Sample #: 46  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A046.raw
Date : 2/27/02 2:04:49 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 8:37:48 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:29:04 PM |
| Operator | : manager | Sample Name | : L79047-13B,WG39545,STD2TUBE |
| Sample Number | : 47 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/42 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 8:58:51 AM | Cycle | : 47 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A047.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A047.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

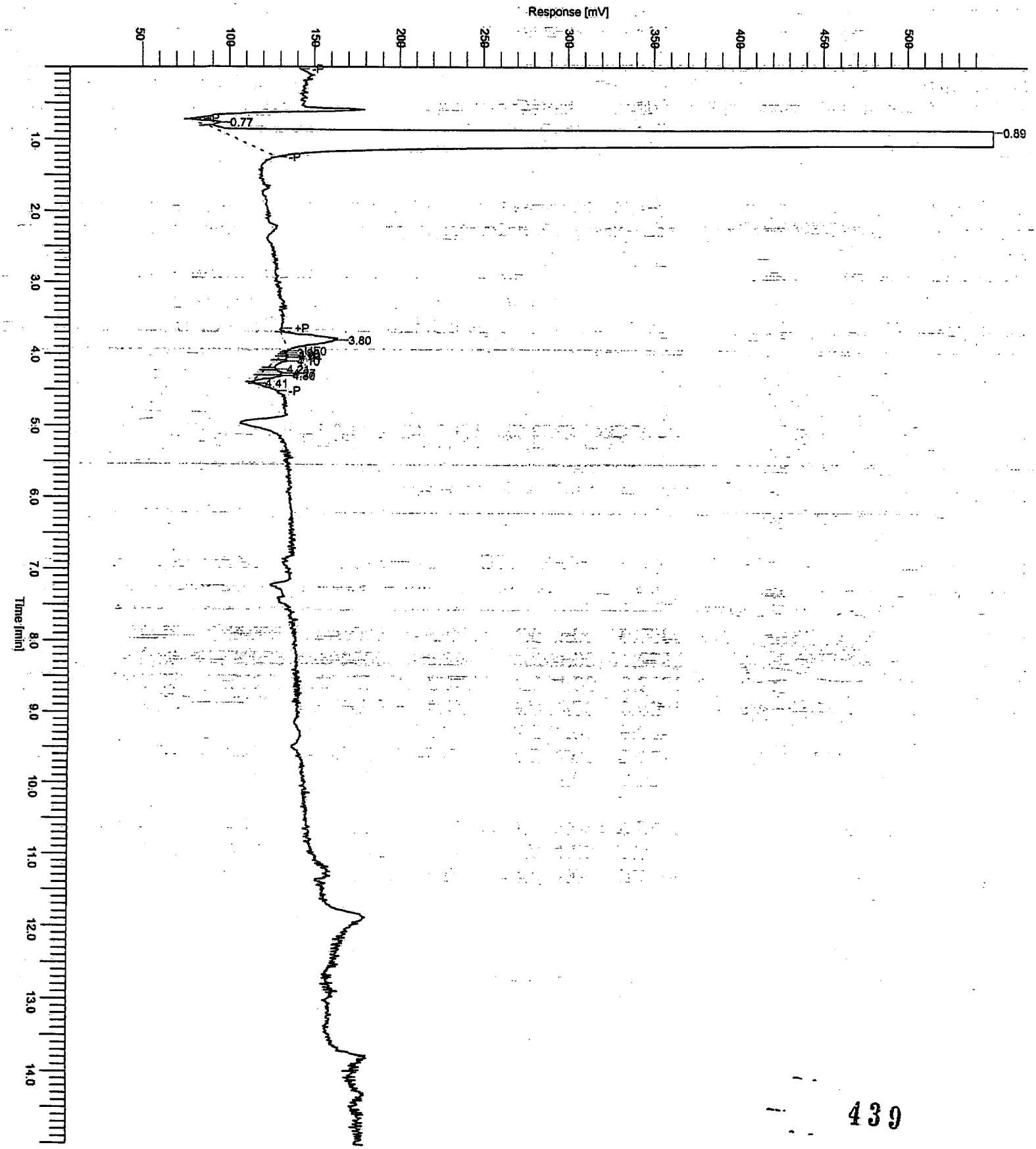
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 39304 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0393 |
| | 0.89 | 11971083 | 1000000 | 11.97 | 1.0 | 1.00 | 11.9711 |
| PERC → | 3.80 | 253546 | 1000000 | 0.25 | 1.0 | 1.00 | 0.2535 |
| | 3.99 | 1499 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0015 |
| | 4.01 | 4520 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0045 |
| | 4.04 | 14521 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0145 |
| | 4.10 | 27599 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0276 |
| | 4.21 | 11592 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0116 |
| | 4.27 | 41818 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0418 |
| | 4.30 | 44865 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0449 |
| | 4.41 | 916 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0009 |
| | | 12411264 | | | | | |

253546 − 46731
& 206815
RF=917933
conc=0.225 ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A047.TX0

# Chromatogram

Sample Name : L79047-13B,WG39545,STD2TUBE  Sample #: 47  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A047.raw
Date : 2/27/02 12:29:08 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 8:58:51 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 2:04:14 PM |
| Operator | : manager | Sample Name | : L79047-14A,WG39545,STD2TUBE |
| Sample Number | : 48 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/43 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 9:19:51 AM | Cycle | : 48 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A048.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A048.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

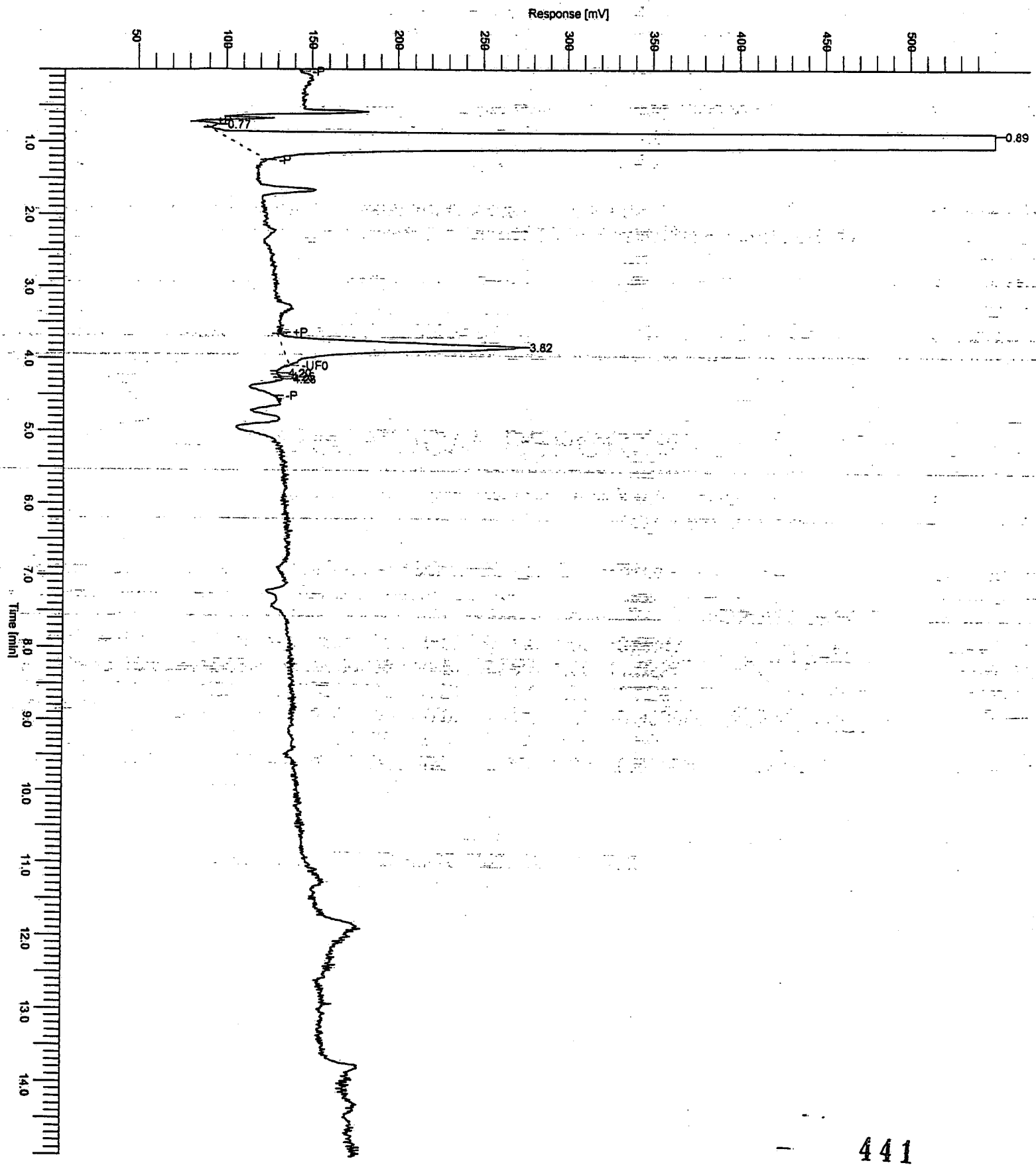
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 24831 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0248 |
| | 0.89 | 11522747 | 1000000 | 11.52 | 1.0 | 1.00 | 11.5227 |
| PERC → | 3.82 | 1220162 | ~~1000000~~ | 1.22 | 1.0 | 1.00 | ~~1.2202~~ |
| | 4.20 | 942 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0009 |
| | 4.25 | 2472 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0025 |
| | 4.28 | 1731 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0017 |
| | | 12772886 | | | | | |

1220162 − 46731
1173431
RF = 917933
conc = 1.278 ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A048.TX0

# Chromatogram

Sample Name : L79047-14A,WG39545,STD2TUBE  Sample #: 48  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A048.raw
Date : 2/27/02 2:04:17 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 9:19:51 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:29:39 PM |
| Operator | : manager | Sample Name | : L79047-14B,WG39545,STD2TUBE |
| Sample Number | : 49 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/44 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 9:41:02 AM | Cycle | : 49 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A049.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A049.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

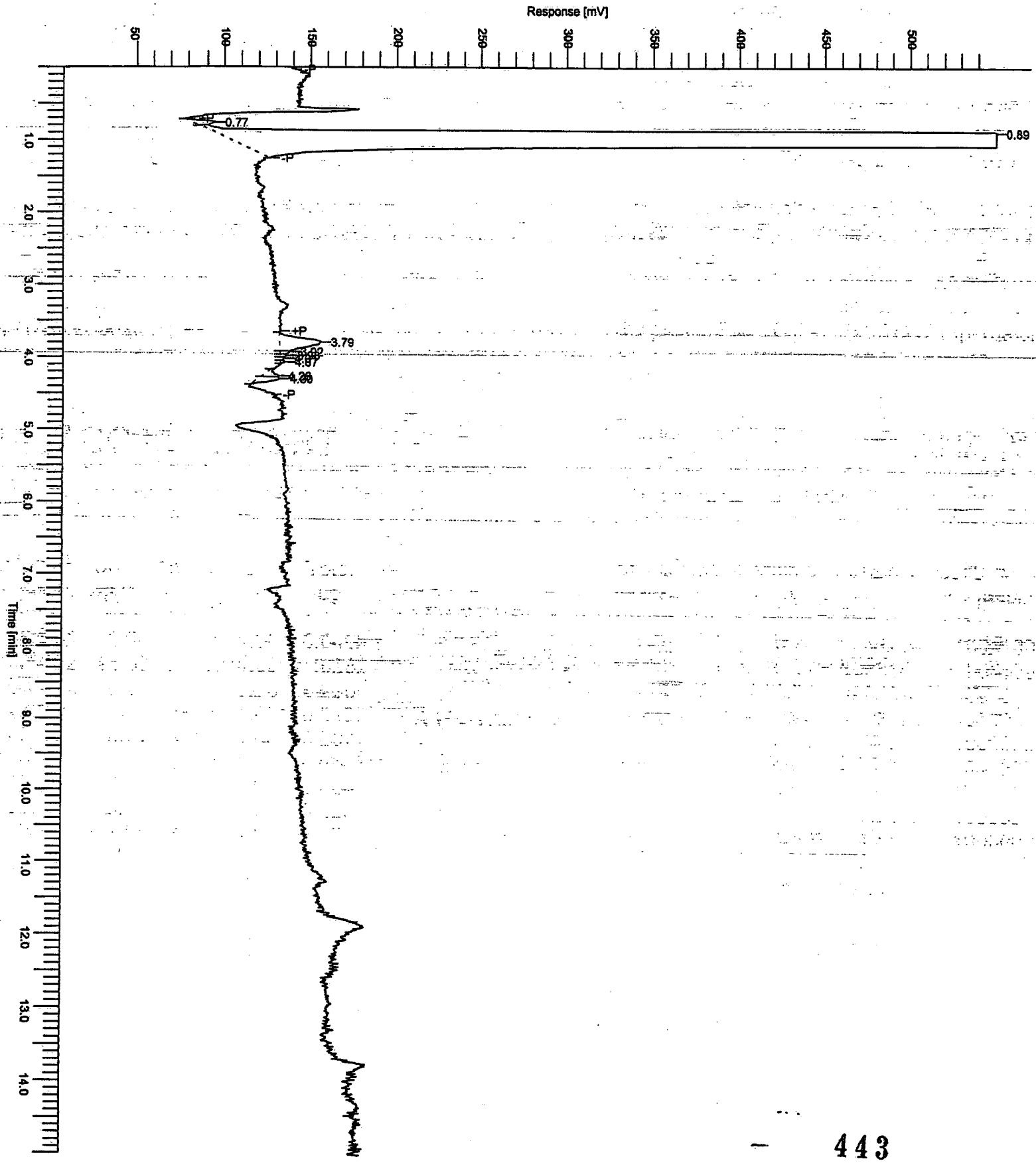
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 41204 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0412 |
| | 0.89 | 11628186 | 1000000 | 11.63 | 1.0 | 1.00 | 11.6282 |
| PERC → | 3.79 | 203325 | ~~1000000~~ | 0.20 | 1.0 | 1.00 | ~~0.2033~~ |
| | 3.92 | 13179 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0132 |
| | 3.98 | 7749 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0077 |
| | 4.01 | 4725 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0047 |
| | 4.07 | 4036 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0040 |
| | 4.26 | 29436 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0294 |
| | 4.30 | 53733 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0537 |
| | | 11985573 | | | | | |

203325 - 46731
156594
RF=917933
Conc= 0.171 ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A049.TX0

# Chromatogram

Sample Name : L79047-14B,WG39545,STD2TUBE  Sample #: 49  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A049.raw
Date : 2/27/02 12:29:42 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 9:41:02 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:29:54 PM |
| Operator | : manager | Sample Name | : L79047-15A,WG39545,STD2TUBE |
| Sample Number | : 50 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/45 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 10:01:58 AM | Cycle | : 50 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A050.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A050.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

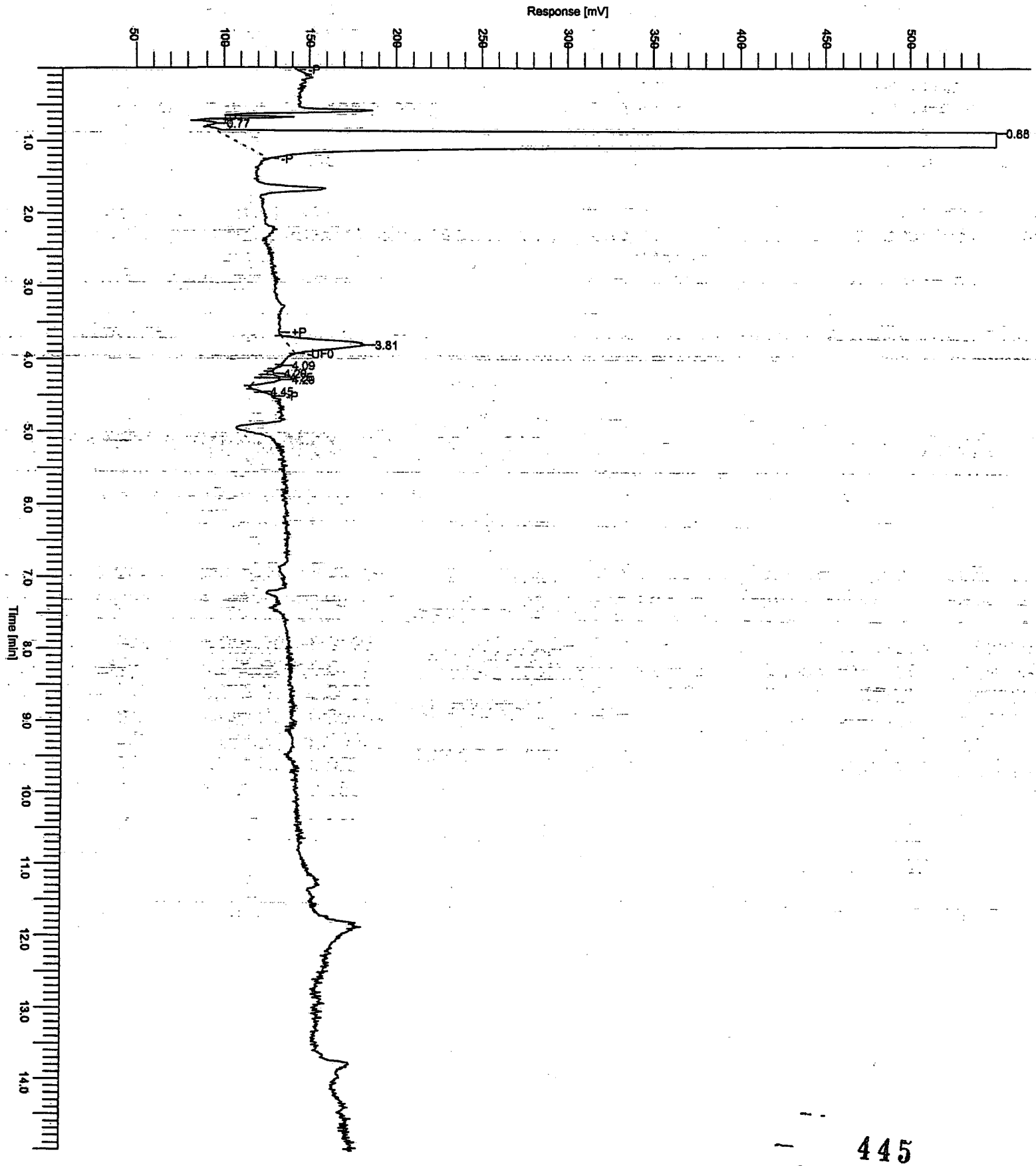
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 19276 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0193 |
| | 0.88 | 11671252 | 1000000 | 11.67 | 1.0 | 1.00 | 11.6713 |
| PERC → | 3.81 | 353253 | 1000000 | 0.35 | 1.0 | 1.00 | 0.~~3533~~ |
| | 4.09 | 4569 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0046 |
| | 4.20 | 9859 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0099 |
| | 4.25 | 21980 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0220 |
| | 4.29 | 58777 | 1000000 | 0.06 | 1.0 | 1.00 | 0.0588 |
| | 4.45 | 2157 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0022 |
| | | 12141122 | | | | | |

353253 - 46731
306522
RF=917933
conc=0.334ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A050.TX0

# Chromatogram

Sample Name : L79047-15A,WG39545,STD2TUBE  Sample #: 50  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A050.raw
Date : 2/27/02 12:29:58 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 10:01:58 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:30:21 PM |
| Operator | : manager | Sample Name | : L79047-15B,WG39545,STD2TUBE |
| Sample Number | : 51 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/46 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 10:22:54 AM | Cycle | : 51 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A051.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A051.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

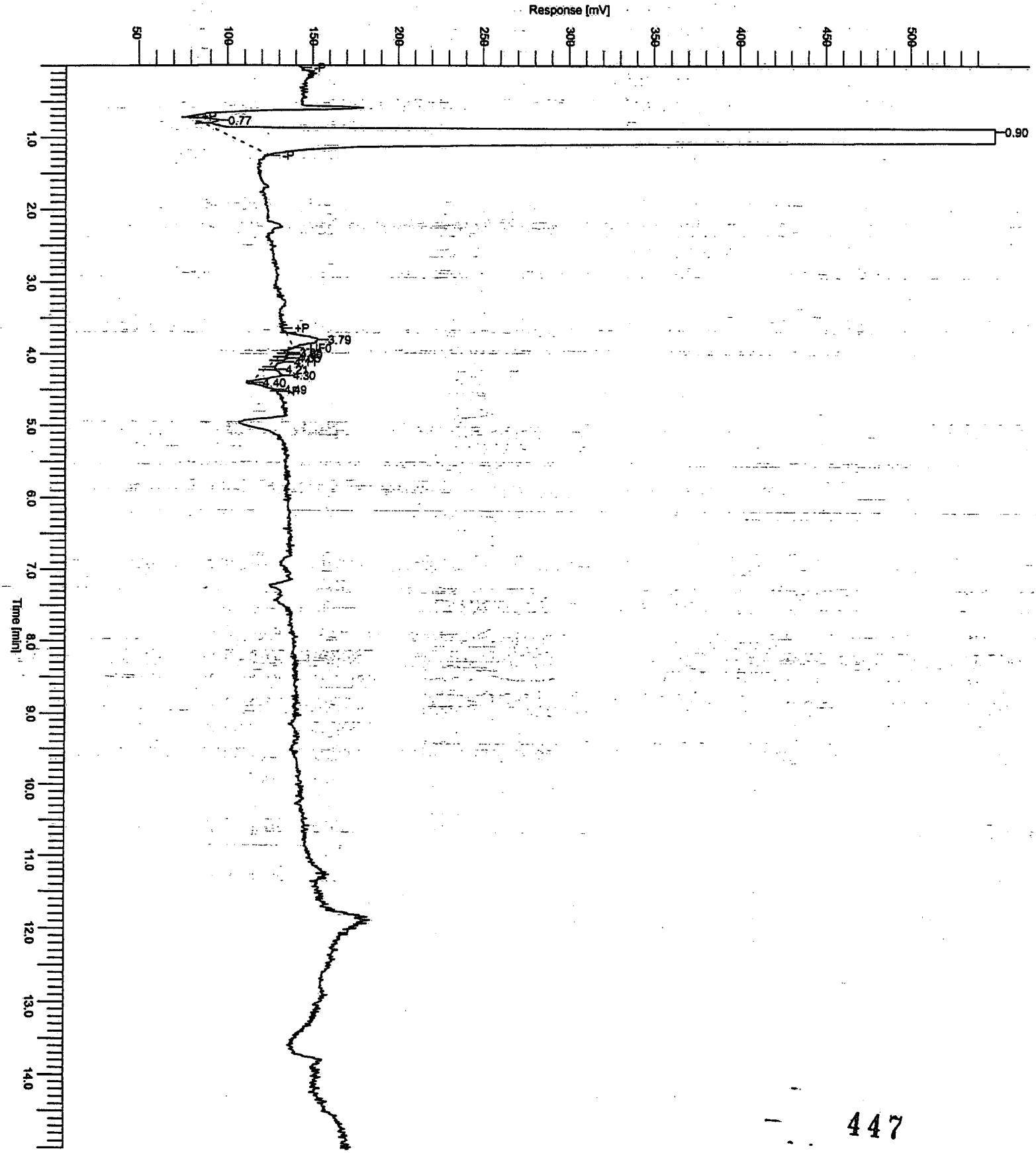
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 42981 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0430 |
| | 0.90 | 11426730 | 1000000 | 11.43 | 1.0 | 1.00 | 11.4267 |
| PCBC → | 3.79 | 121299 | ~~1000000~~ | 0.12 | 1.0 | 1.00 | ~~0.1213~~ |
| | 3.98 | 4305 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0043 |
| | 4.00 | 9737 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0097 |
| | 4.05 | 14404 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0144 |
| | 4.11 | 22848 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0228 |
| | 4.21 | 13496 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0135 |
| | 4.30 | 82121 | 1000000 | 0.08 | 1.0 | 1.00 | 0.0821 |
| | 4.40 | 455 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0005 |
| | 4.49 | 6126 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0061 |
| | | 11744503 | | | | | |

121299-46731
74568
RF=917933
conc=0.0812ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A051.TX0

# Chromatogram

Sample Name : L79047-15B,WG39545,STD2TUBE  Sample #: 51  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A051.raw
Date : 2/27/02 12:30:25 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 10:22:54 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 2:08:05 PM |
| Operator | : manager | Sample Name | : L79047-16A 1:201 DILUTION |
| Sample Number | : 67 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/60 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 201.00 |
| Data Acquisition Time | : 2/27/02 12:13:12 PM | Cycle | : 67 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A067.raw
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A067.raw
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

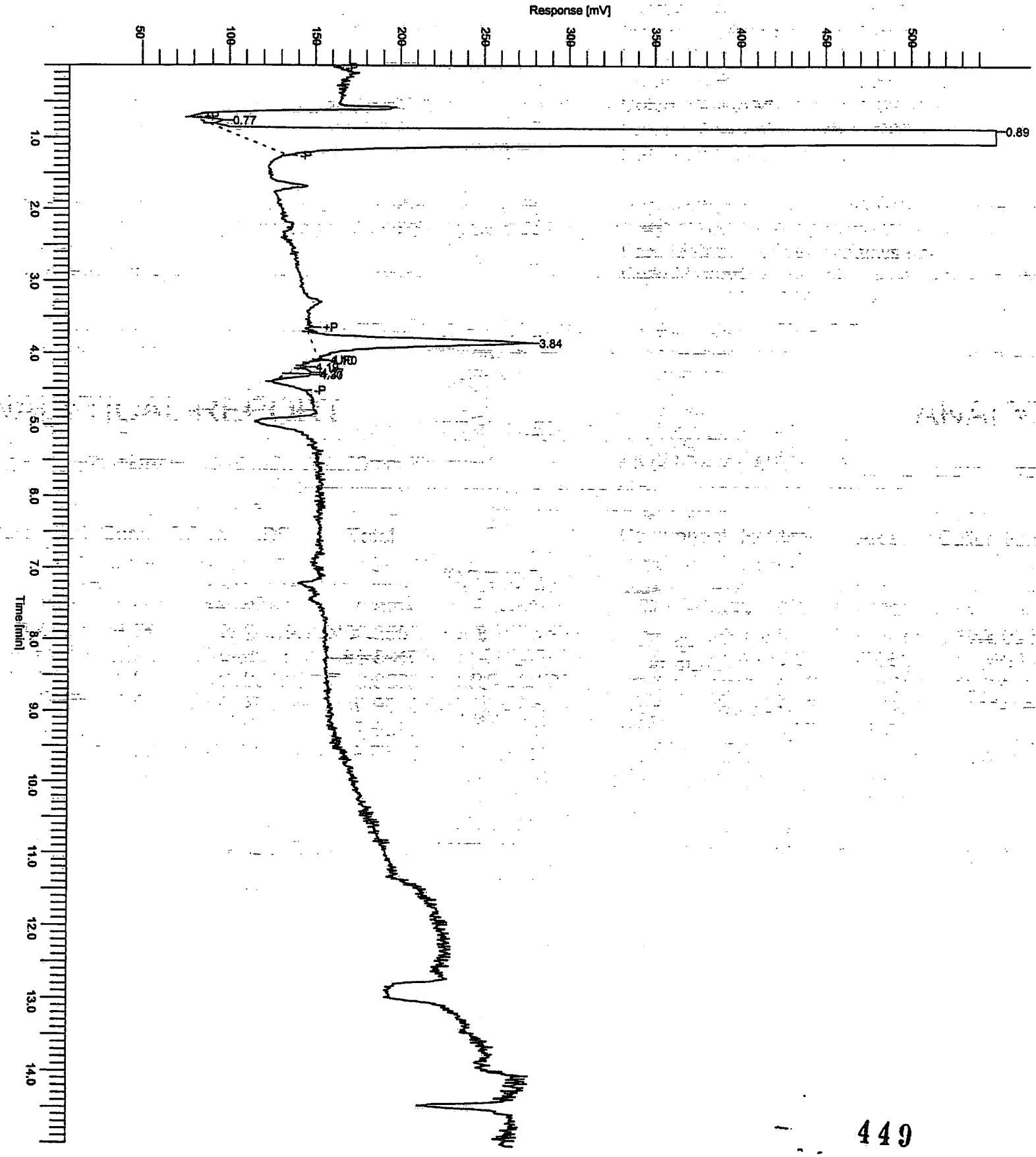
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 42925 | 1000000 | 0.04 | 1.0 | 201.00 | 8.6279 |
| | 0.89 | 11941568 | 1000000 | 11.94 | 1.0 | 201.00 | 2400.2552 |
| PERC → | 3.84 | 977620 | ~~1000000~~ | 0.98 | 1.0 | 201.00 | ~~196.5015~~ |
| | 4.10 | 4316 | 1000000 | 0.00 | 1.0 | 201.00 | 0.8675 |
| | 4.19 | 4486 | 1000000 | 0.00 | 1.0 | 201.00 | 0.9018 |
| | 4.27 | 36762 | 1000000 | 0.04 | 1.0 | 201.00 | 7.3892 |
| | 4.30 | 48575 | 1000000 | 0.05 | 1.0 | 201.00 | 9.7635 |
| | | 13056252 | | | | | |

977620-46731
930889
RF=917933
conc=1.014 x 201
203.84 ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A067.TX0

# Chromatogram

Sample Name : L79047-16A 1:201 DILUTION  Sample #: 67  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A067.raw
Date : 2/27/02 2:08:08 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/27/02 12:13:12 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:31:26 PM |
| Operator | : manager | Sample Name | : L79047-16A,WG39545,STD2TUBE |
| Sample Number | : 53 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/48 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 11:04:20 AM | Cycle | : 53 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A053.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A053.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

dilute 1:201

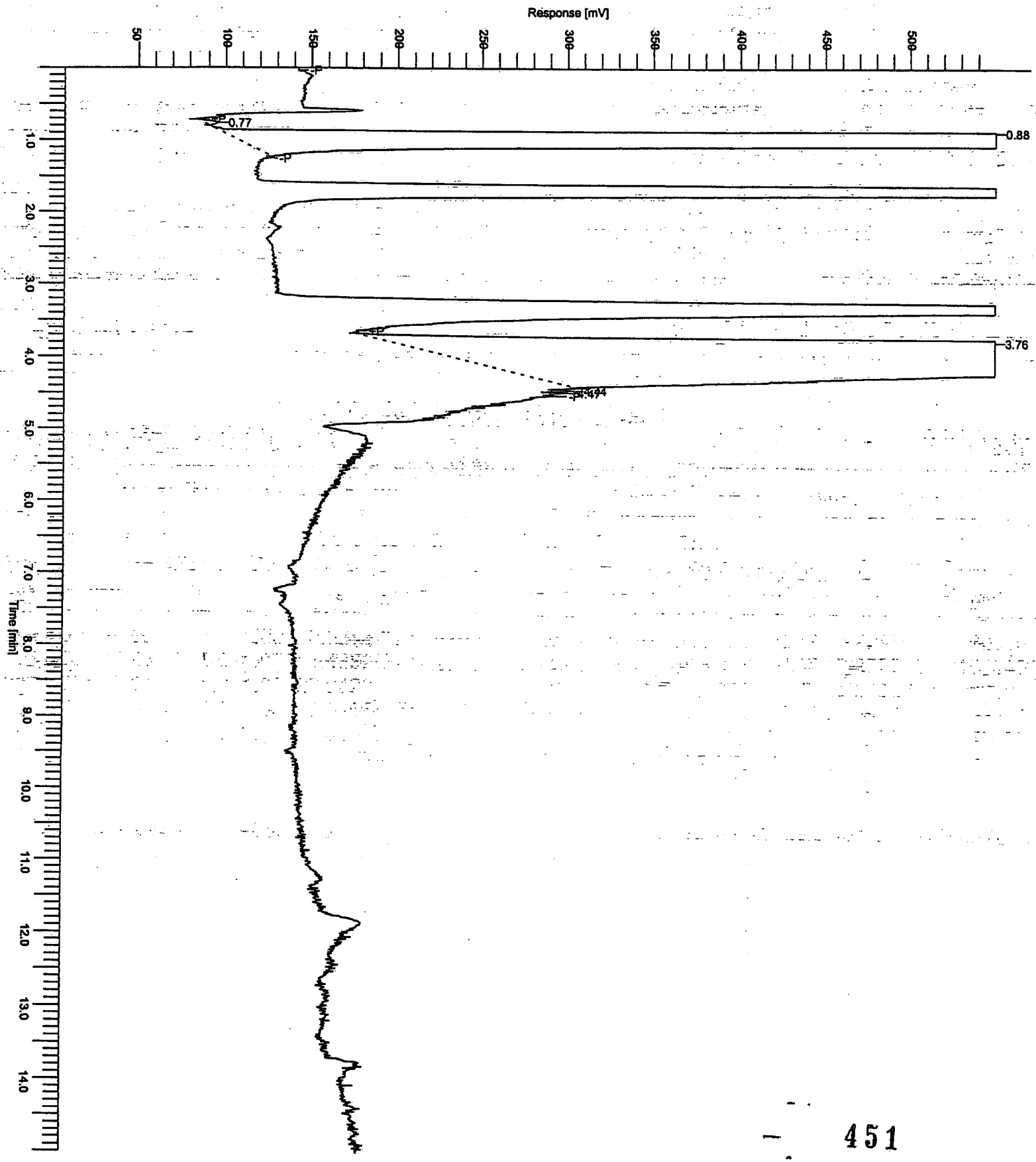
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 24468 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0245 |
| | 0.88 | 11428946 | 1000000 | 11.43 | 1.0 | 1.00 | 11.4289 |
| | 3.76 | 22041972 | 1000000 | 22.04 | 1.0 | 1.00 | 22.0420 |
| | 4.44 | 15472 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0155 |
| | 4.47 | 9663 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0097 |
| | | 33520521 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A053.TX0

# Chromatogram

Sample Name : L79047-16A,WG39545,STD2TUBE  Sample #: 53  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A053.raw
Date : 2/27/02 12:31:29 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 11:04:20 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:31:42 PM |
| Operator | : manager | Sample Name | : L79047-16B,WG39545,STD2TUBE |
| Sample Number | : 54 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/49 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 11:25:05 AM | Cycle | : 54 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A054.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A054.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

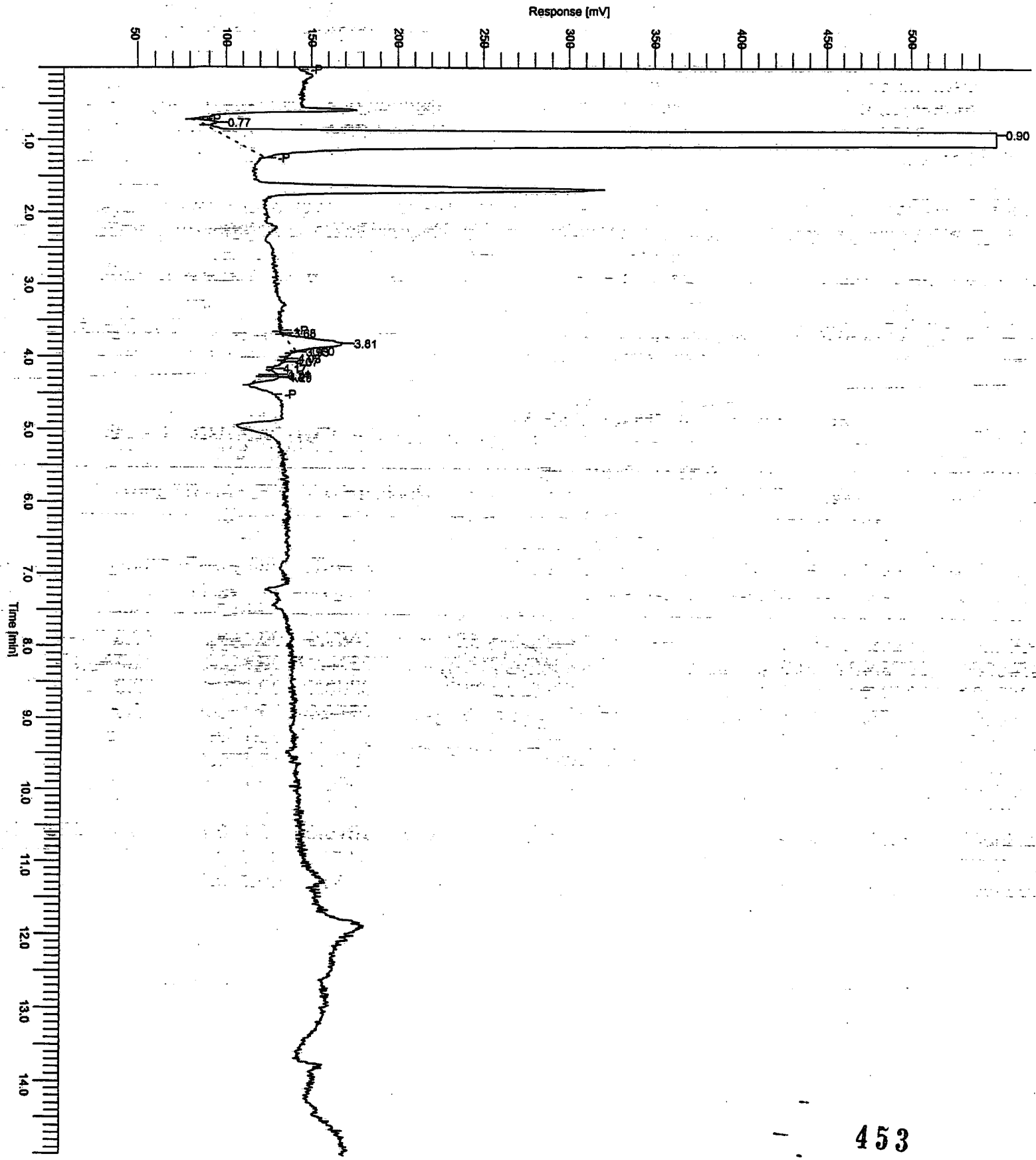
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 34286 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0343 |
| | 0.90 | 11443039 | 1000000 | 11.44 | 1.0 | 1.00 | 11.4430 |
| | 3.68 | 2310 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0023 |
| PERC → | 3.81 | 237623 | 1000000 | 0.24 | 1.0 | 1.00 | ~~0.2376~~ |
| | 3.93 | 1508 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0015 |
| | 4.03 | 2555 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0026 |
| | 4.07 | 9122 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0091 |
| | 4.17 | 1046 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0010 |
| | 4.24 | 15200 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0152 |
| | 4.27 | 11026 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0110 |
| | 4.29 | 46349 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0463 |
| | | 11804064 | | | | | |

237623 - 46731
190892
RF=917933
conc=0.208ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A054.TX0

# Chromatogram

Sample Name : L79047-16B,WG39545,STD2TUBE  Sample #: 54  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A054.raw
Date : 2/27/02 12:31:45 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 11:25:05 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 2:03:35 PM |
| Operator | : manager | Sample Name | : L79047-17A,WG39545,STD2TUBE |
| Sample Number | : 55 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/50 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 11:45:51 AM | Cycle | : 55 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A055.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A055.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

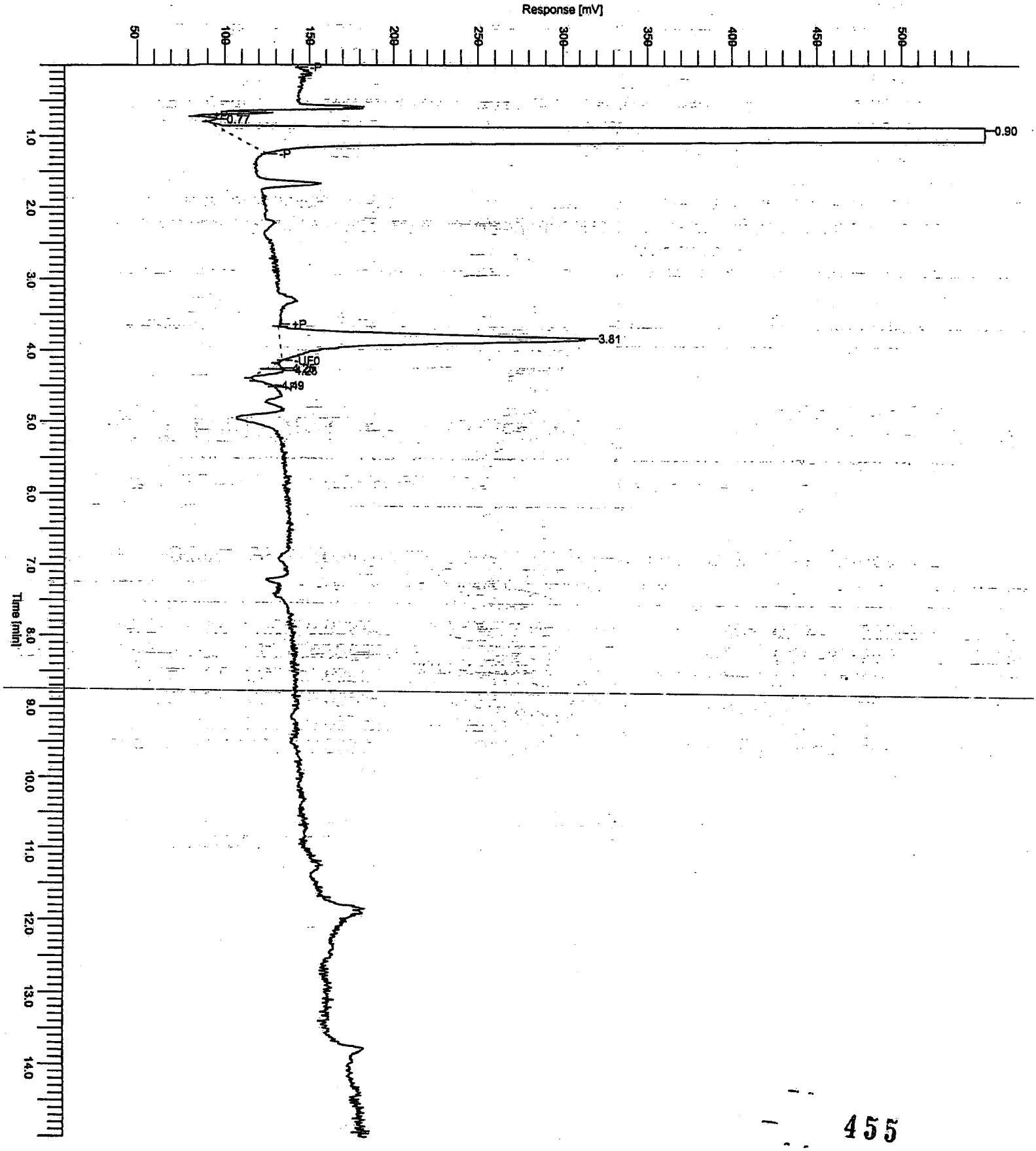
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 23583 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0236 |
| | 0.90 | 11326003 | 1000000 | 11.33 | 1.0 | 1.00 | 11.3260 |
| PERC → | 3.81 | 1699623 | 1000000 | 1.70 | 1.0 | 1.00 | 1.6996 |
| | 4.25 | 25142 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0251 |
| | 4.28 | 57091 | 1000000 | 0.06 | 1.0 | 1.00 | 0.0571 |
| | 4.49 | 6979 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0070 |
| | | 13138422 | | | | | |

1699623-46731
1652892
RF=917933
conc=1.800ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A055.TX0

# Chromatogram

Sample Name : L79047-17A,WG39545,STD2TUBE  Sample #: 55  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A055.raw
Date : 2/27/02 2:03:38 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 11:45:51 AM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:32:28 PM |
| Operator | : manager | Sample Name | : L79047-17B,WG39545,STD2TUBE |
| Sample Number | : 56 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/51 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 12:06:39 PM | Cycle | : 56 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A056.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A056.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

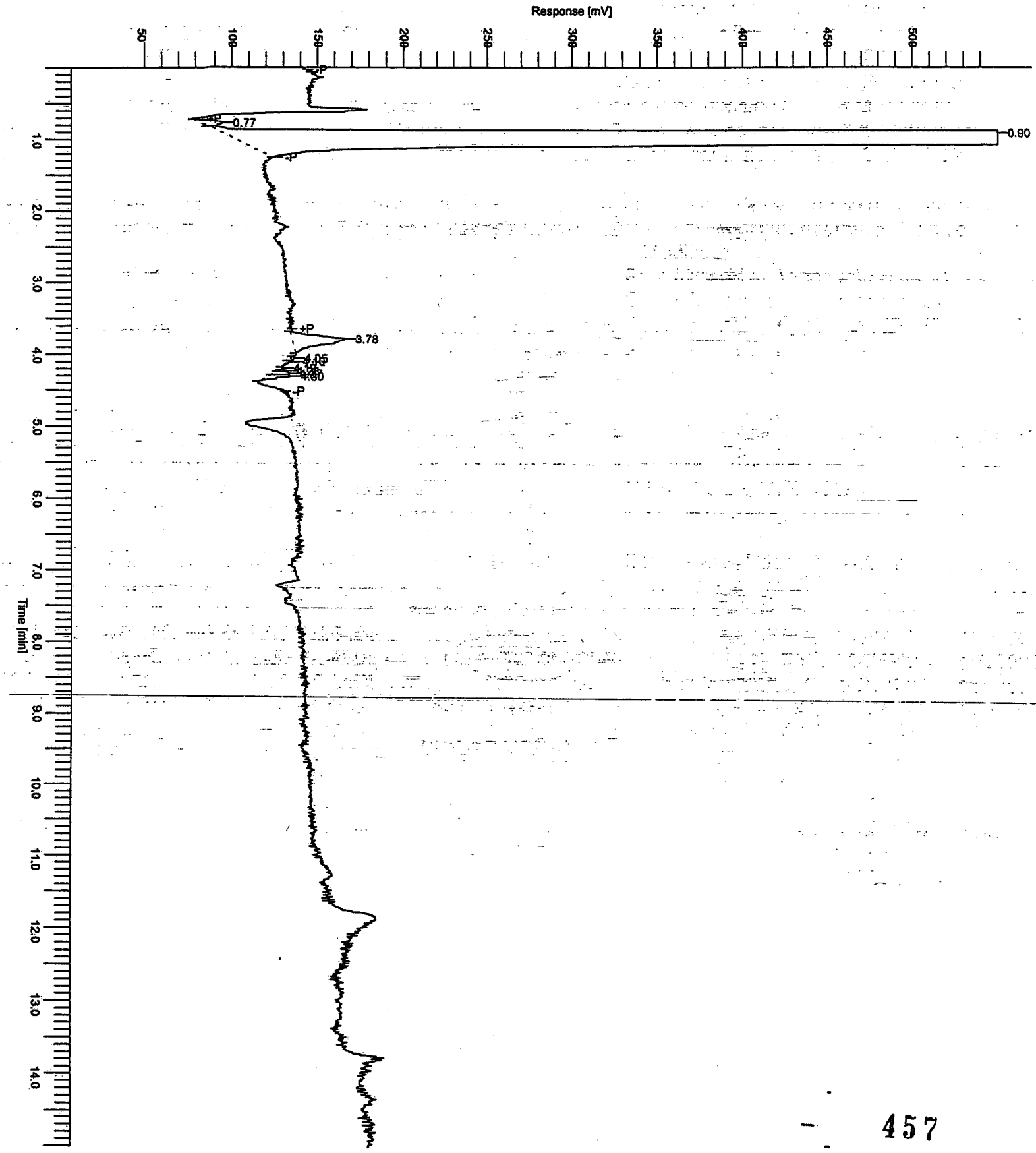
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 44317 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0443 |
| | 0.90 | 11450807 | 1000000 | 11.45 | 1.0 | 1.00 | 11.4508 |
| PERC → | 3.78 | 257284 | 1000000 | 0.26 | 1.0 | 1.00 | ~~0.2573~~ |
| | 4.05 | 6141 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0061 |
| | 4.10 | 6410 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0064 |
| | 4.19 | 1235 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0012 |
| | 4.23 | 4525 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0045 |
| | 4.27 | 22799 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0228 |
| | 4.30 | 37174 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0372 |
| | | 11830693 | | | | | |

257284-46731
210553
RF=917733
conc=0.229ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A056.TX0

# Chromatogram

Sample Name : L79047-17B,WG39545,STD2TUBE  Sample #: 56  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A056.raw
Date : 2/27/02 12:32:31 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 12:06:39 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:32:48 PM |
| Operator | : manager | Sample Name | : L79047-18A,WG39545,STD2TUBE |
| Sample Number | : 57 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/52 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 12:27:32 PM | Cycle | : 57 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A057.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A057.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

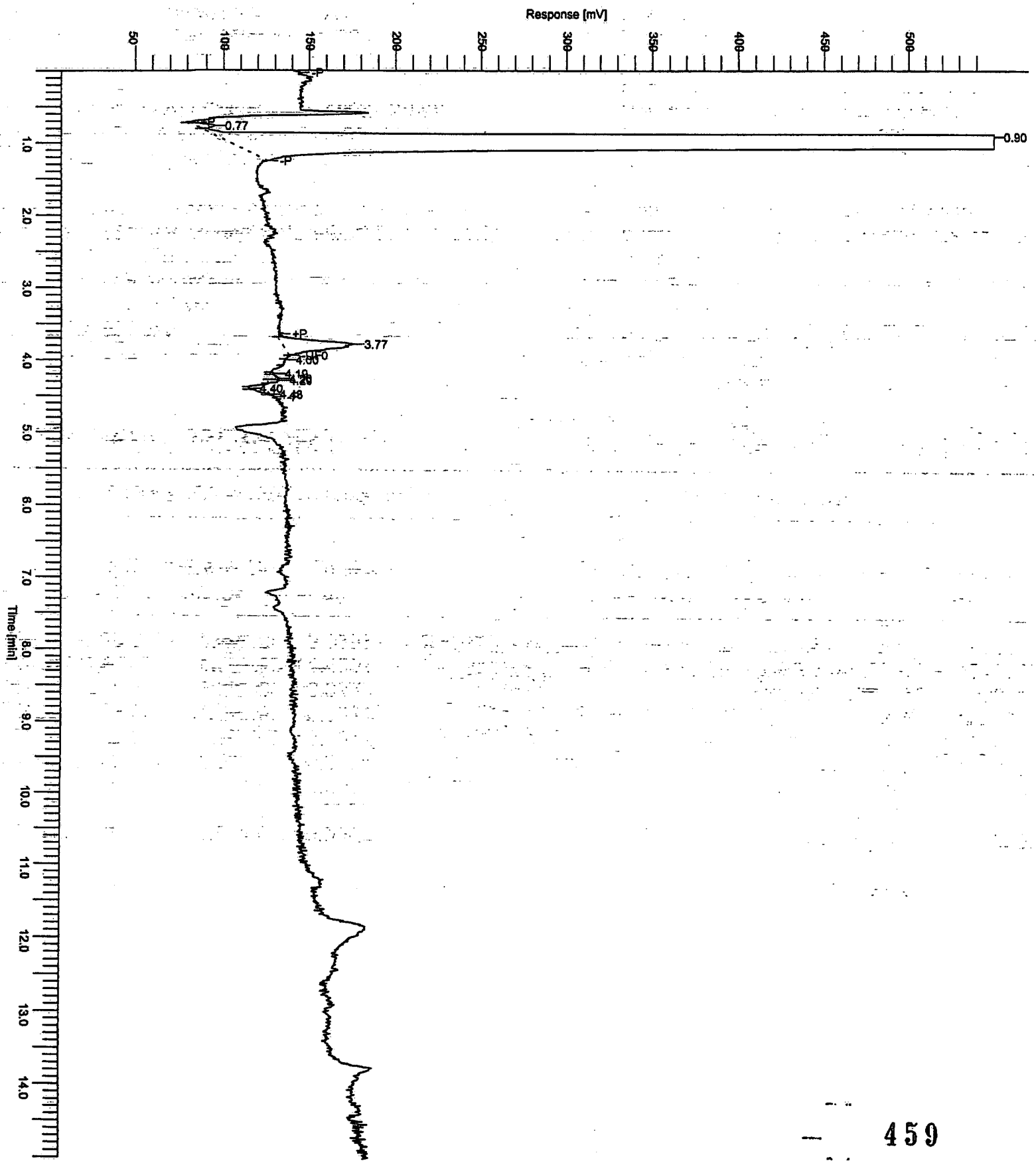
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 39342 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0393 |
| | 0.90 | 11450066 | 1000000 | 11.45 | 1.0 | 1.00 | 11.4501 |
| PERC → | 3.77 | 327853 | ~~1000000~~ | 0.33 | 1.0 | 1.00 | 0.~~3279~~ |
| | 4.00 | 2065 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0021 |
| | 4.19 | 3139 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0031 |
| | 4.26 | 17759 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0178 |
| | 4.29 | 15666 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0157 |
| | 4.40 | 914 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0009 |
| | 4.48 | 6397 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0064 |
| | | 11863201 | | | | | |

327853-46731
281122
RF=917933
conc=0.306 ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A057.TX0

# Chromatogram

Sample Name : L79047-18A,WG39545,STD2TUBE  Sample #: 57  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A057.raw
Date : 2/27/02 12:32:51 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 12:27:32 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:33:21 PM |
| Operator | : manager | Sample Name | : L79047-18B,WG39545,STD2TUBE |
| Sample Number | : 58 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/53 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 12:48:21 PM | Cycle | : 58 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A058.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A058.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

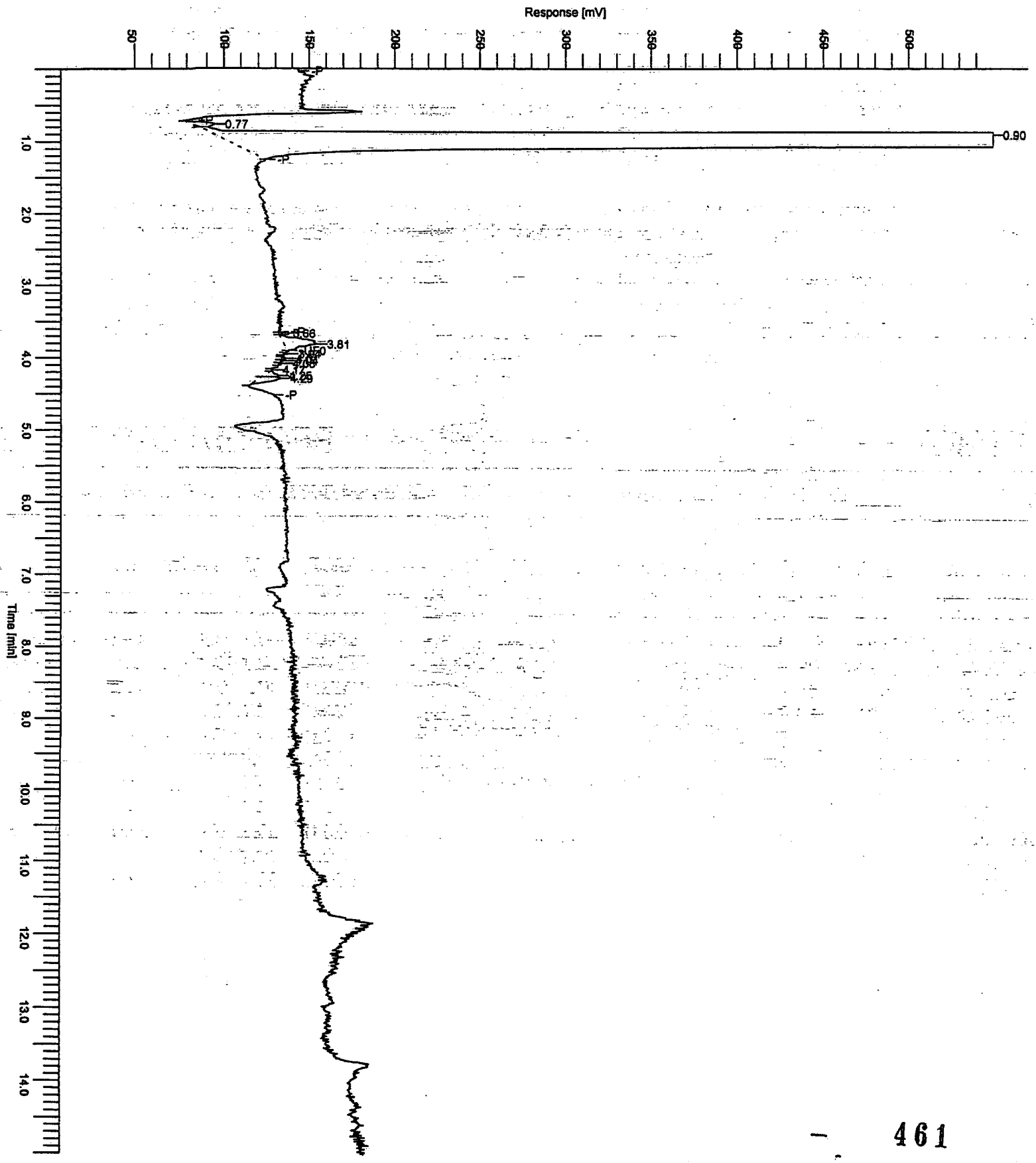
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 42462 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0425 |
| | 0.90 | 11497316 | 1000000 | 11.50 | 1.0 | 1.00 | 11.4973 |
| | 3.66 | 2906 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0029 |
| PERC → | 3.81 | 138906 | 1000000 | 0.14 | 1.0 | 1.00 | ~~0.1389~~ |
| | 3.94 | 2365 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0024 |
| | 4.01 | 3797 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0038 |
| | 4.04 | 2717 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0027 |
| | 4.08 | 2727 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0027 |
| | 4.17 | 768 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0008 |
| | 4.25 | 24585 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0246 |
| | 4.29 | 53895 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0539 |
| | | 11772444 | | | | | |

138906 - 46731
92175
RF=917933
conc= 0.100ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A058.TX0

# Chromatogram

Sample Name : L79047-18B,WG39545,STD2TUBE  Sample #: 58  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A058.raw
Date : 2/27/02 12:33:24 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 12:48:21 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:33:42 PM |
| Operator | : manager | Sample Name | : L79047-19A,WG39545,STD2TUBE |
| Sample Number | : 59 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/54 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 1:09:27 PM | Cycle | : 59 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A059.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A059.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

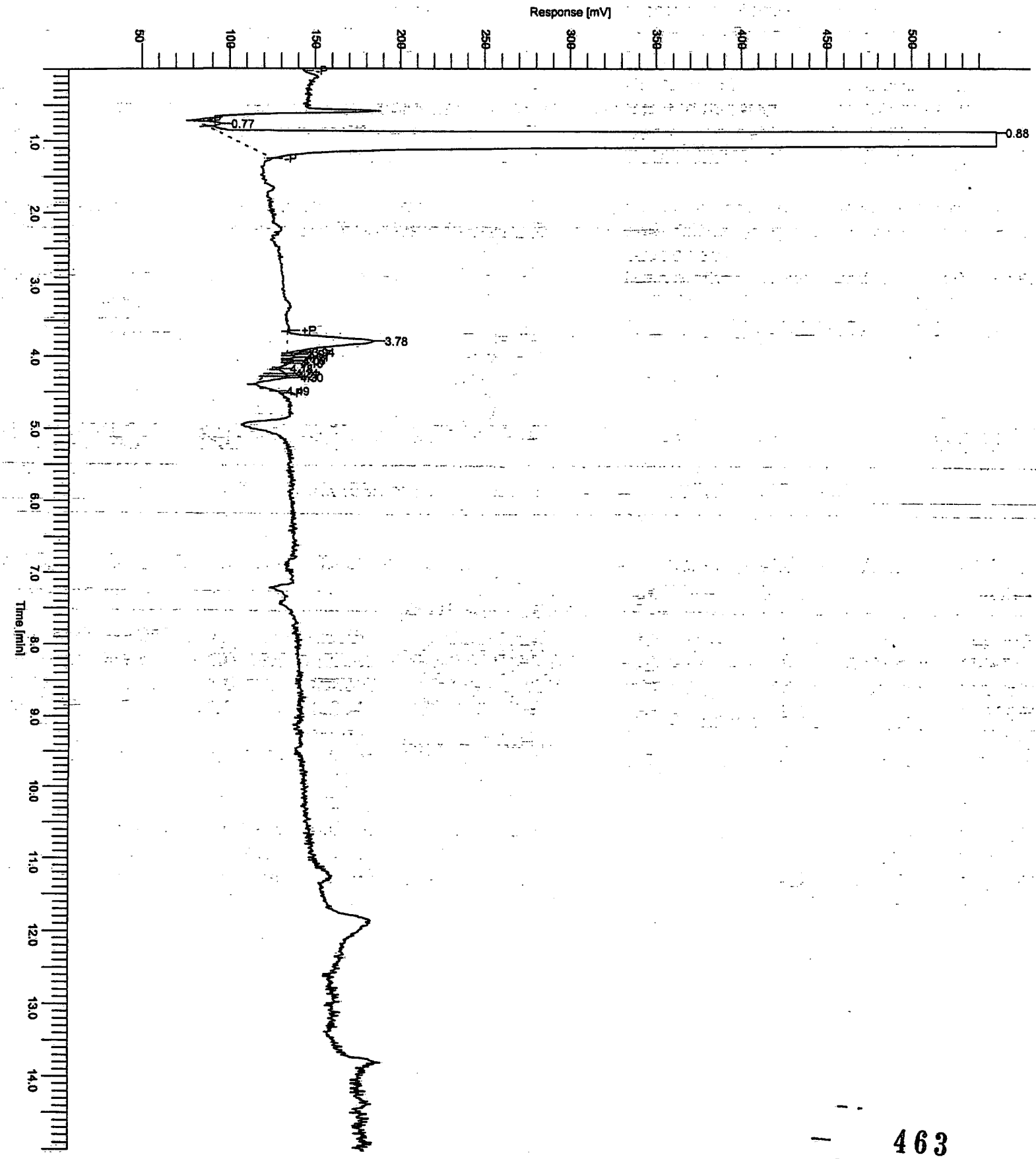
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 38574 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0386 |
| | 0.88 | 11616815 | 1000000 | 11.62 | 1.0 | 1.00 | 11.6168 |
| PERC → | 3.78 | 424040 | 1000000 | 0.42 | 1.0 | 1.00 | ~~0.4240~~ |
| | 3.94 | 14085 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0141 |
| | 3.97 | 8068 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0081 |
| | 4.01 | 9556 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0096 |
| | 4.06 | 3416 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0034 |
| | 4.07 | 4258 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0043 |
| | 4.10 | 7045 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0070 |
| | 4.18 | 2923 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0029 |
| | 4.24 | 19647 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0196 |
| | 4.27 | 24654 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0247 |
| | 4.30 | 46316 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0463 |
| | 4.49 | 1849 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0018 |
| | | 12221246 | | | | | |

424040 - 46731
377309
RF=917933
conc= 0.41 ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A059.TX0

# Chromatogram

Sample Name : L79047-19A,WG39545,STD2TUBE  Sample #: 59  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A059.raw
Date : 2/27/02 12:33:46 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 1:09:27 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:33:58 PM |
| Operator | : manager | Sample Name | : L79047-19B,WG39545,STD2TUBE |
| Sample Number | : 60 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/55 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 1:30:20 PM | Cycle | : 60 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A060.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A060.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

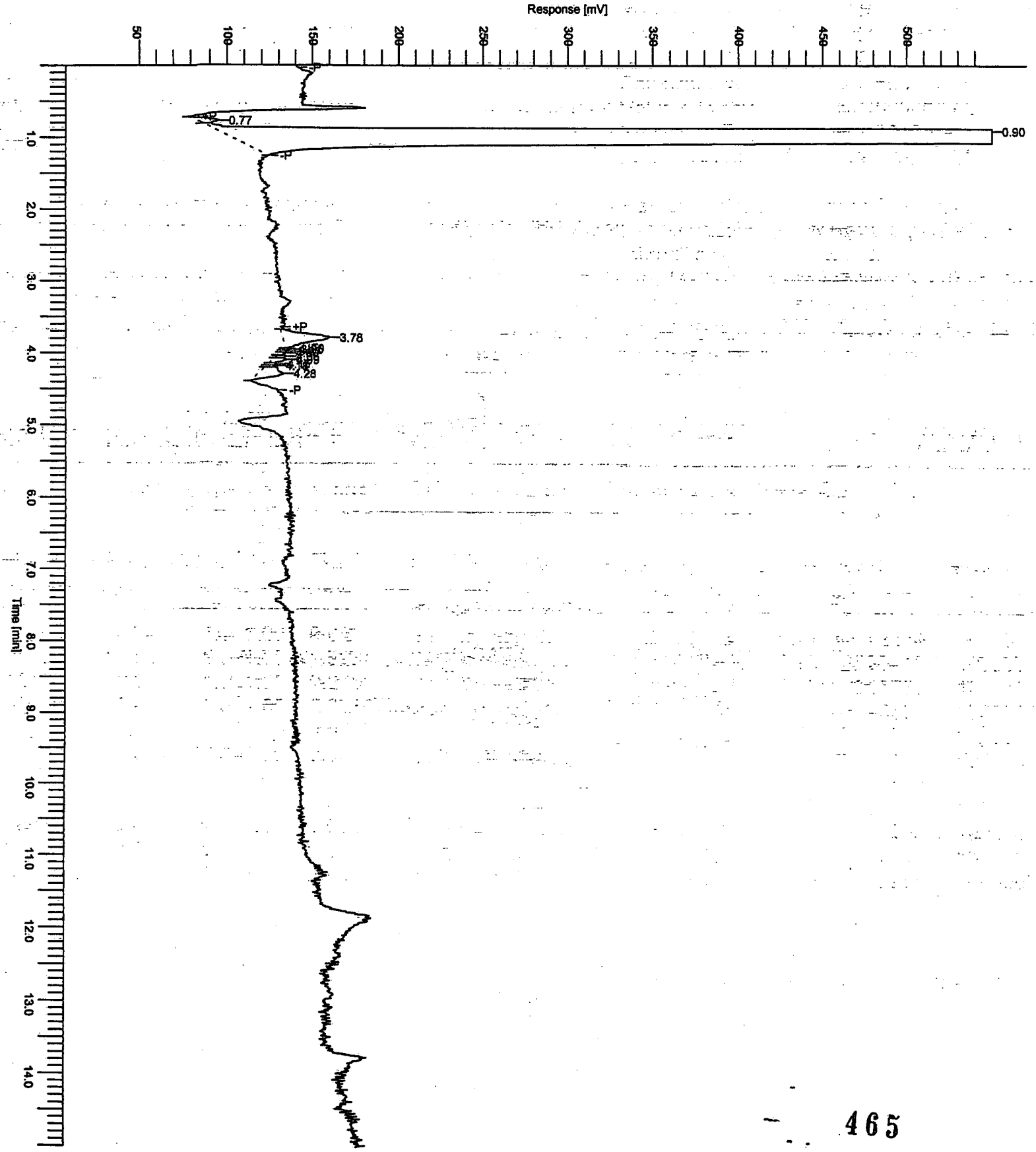
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 42134 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0421 |
| | 0.90 | 11523410 | 1000000 | 11.52 | 1.0 | 1.00 | 11.5234 |
| PERC → | 3.78 | 215789 | 1000000 | 0.22 | 1.0 | 1.00 | ~~0.2158~~ |
| | 3.95 | 3608 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0036 |
| | 3.97 | 4503 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0045 |
| | 4.00 | 7170 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0072 |
| | 4.05 | 11538 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0115 |
| | 4.09 | 25321 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0253 |
| | 4.15 | 8653 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0087 |
| | 4.18 | 7041 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0070 |
| | 4.28 | 107935 | 1000000 | 0.11 | 1.0 | 1.00 | 0.1079 |
| | | 11957102 | | | | | |

215789 - 46731
169058
RF= 17933
conc= 0.184ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A060.TX0

# Chromatogram

Sample Name : L79047-19B,WG39545,STD2TUBE  Sample #: 60  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A060.raw
Date : 2/27/02 12:34:01 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 1:30:20 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:34:18 PM |
| Operator | : manager | Sample Name | : L79047-20A,WG39545,STD2TUBE |
| Sample Number | : 61 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/56 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 1:51:16 PM | Cycle | : 61 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A061.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A061.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

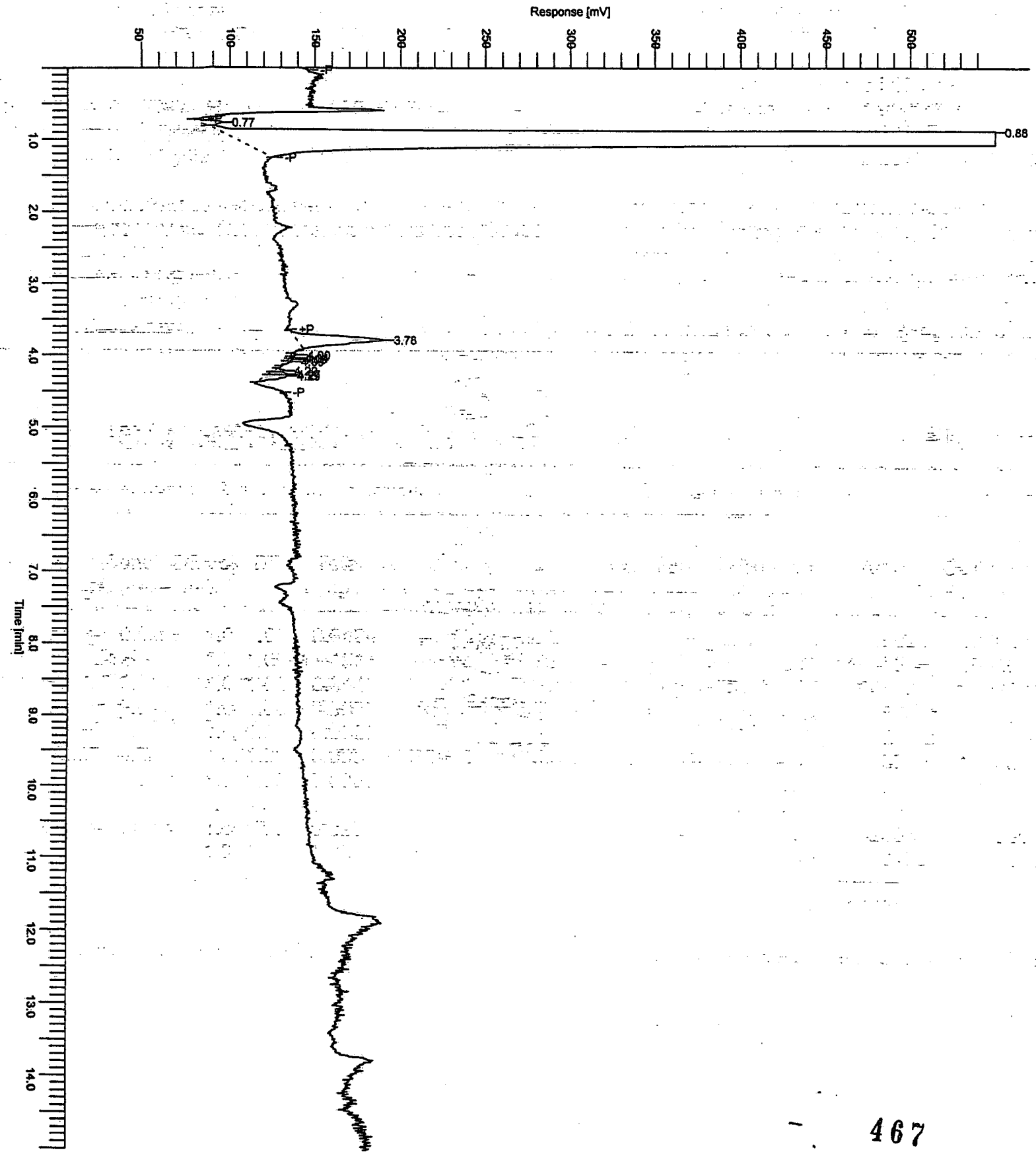
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 40394 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0404 |
| | 0.88 | 11491346 | 1000000 | 11.49 | 1.0 | 1.00 | 11.4913 |
| PERC → | 3.78 | 344841 | ~~1000000~~ | 0.34 | 1.0 | 1.00 | ~~0.3448~~ |
| | 4.00 | 5742 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0057 |
| | 4.04 | 2547 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0025 |
| | 4.06 | 3889 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0039 |
| | 4.09 | 8581 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0086 |
| | 4.22 | 11596 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0116 |
| | 4.27 | 20073 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0201 |
| | 4.29 | 53408 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0534 |
| | | 11982418 | | | | | |

344841-46731
298110
RF=917933
conc=0.325ug/ml

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A061.TX0

# Chromatogram

Sample Name : L79047-20A,WG39545,STD2TUBE  Sample #: 61  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A061.raw
Date : 2/27/02 12:34:22 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 1:51:16 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:34:38 PM |
| Operator | : manager | Sample Name | : L79047-20B,WG39545,STD2TUBE |
| Sample Number | : 62 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/57 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 2:12:19 PM | Cycle | : 62 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A062.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A062.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

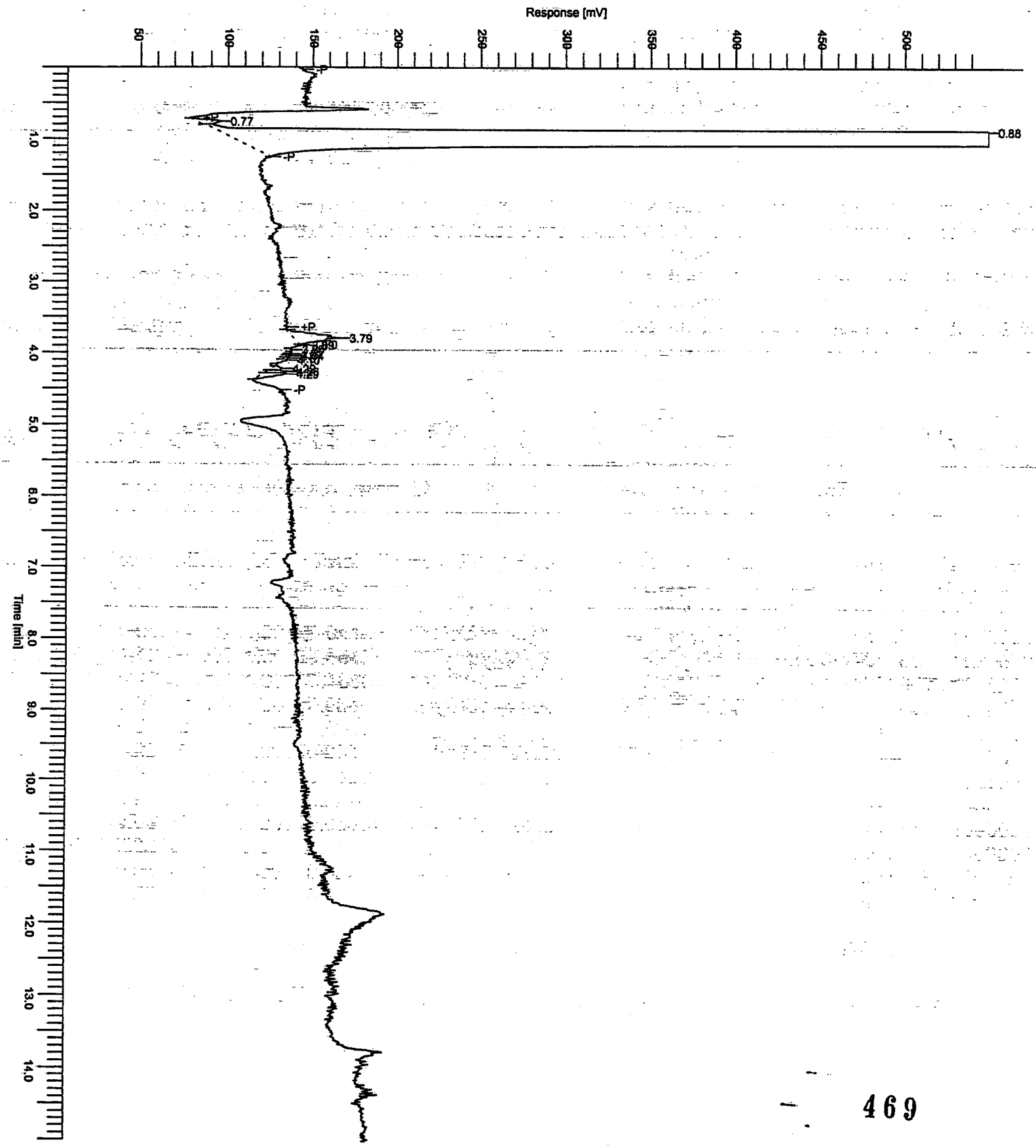
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 41831 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0418 |
| | 0.88 | 11464189 | 1000000 | 11.46 | 1.0 | 1.00 | 11.4642 |
| PERC → | 3.79 | 165560 | ~~1000000~~ | 0.17 | 1.0 | 1.00 | ~~0.1656~~ |
| | 3.89 | 4104 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0041 |
| | 3.95 | 1734 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0017 |
| | 4.02 | 1056 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0011 |
| | 4.04 | 2909 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0029 |
| | 4.07 | 4623 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0046 |
| | 4.10 | 8637 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0086 |
| | 4.22 | 16656 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0167 |
| | 4.26 | 22718 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0227 |
| | 4.29 | 47455 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0475 |
| | | 11781472 | | | | | |

165560-46731
118829
RF=917933
conc=0.129ug/mL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A062.TX0

# Chromatogram

Sample Name : L79047-20B,WG39545,STD2TUBE  Sample #: 62  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A062.raw
Date : 2/27/02 12:34:41 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/26/02 2:12:19 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



# TETRACHLOROETHYLENE, ECD

# CONTINUING CALIBRATION STANDARDS

| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:30:49 PM |
| Operator | : manager | Sample Name | : PERC BLANK |
| Sample Number | : 01 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/1 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 4:54:02 PM | Cycle | : 1 |

ON TUBE FOR BKGRD

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A001.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A001.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD: _____ Column: RTX-1 30M X 0.53mm ID

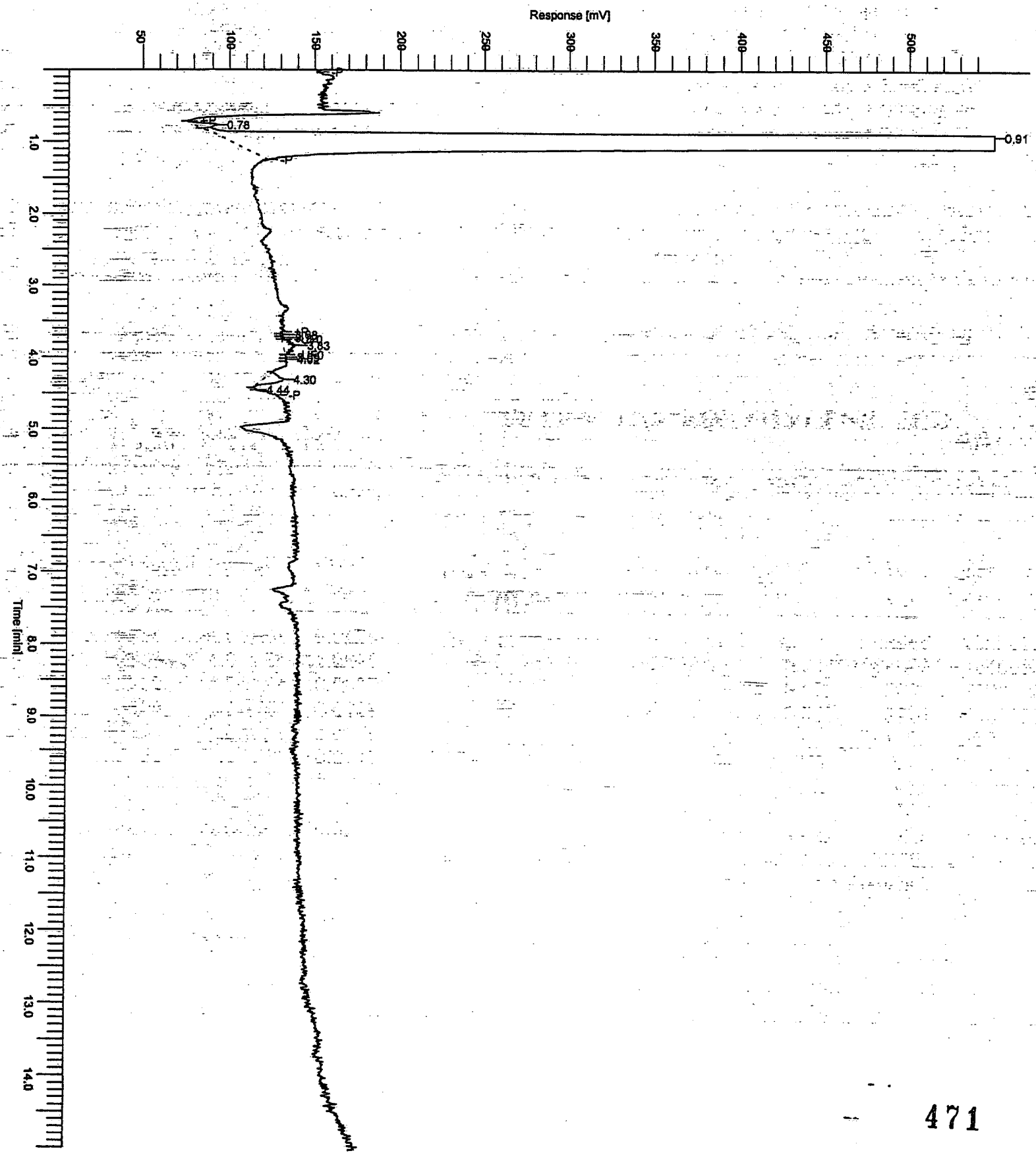
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.78 | 42946 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0429 |
| | 0.91 | 11864009 | 1000000 | 11.86 | 1.0 | 1.00 | 11.8640 |
| | 3.68 | 2690 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0027 |
| | 3.72 | 2203 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0022 |
| | 3.83 | 47781 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0478 |
| | 3.99 | 1217 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0012 |
| | 4.02 | 1428 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0014 |
| | 4.30 | 81086 | 1000000 | 0.08 | 1.0 | 1.00 | 0.0811 |
| | 4.44 | 738 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0007 |
| | | 12044098 | | | | | |

ave correction 46731

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A001.TX0

# Chromatogram

Sample Name : PERC BLANK  Sample #: 01  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A001.raw
Date : 2/26/02 5:30:54 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/25/02 4:54:02 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:53:02 PM |
| Operator | : manager | Sample Name | : PERC BLANK |
| Sample Number | : 02 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/1 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 5:14:43 PM | Cycle | : 2 |

ON TUBE FOR BKGRD

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A002.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A002.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

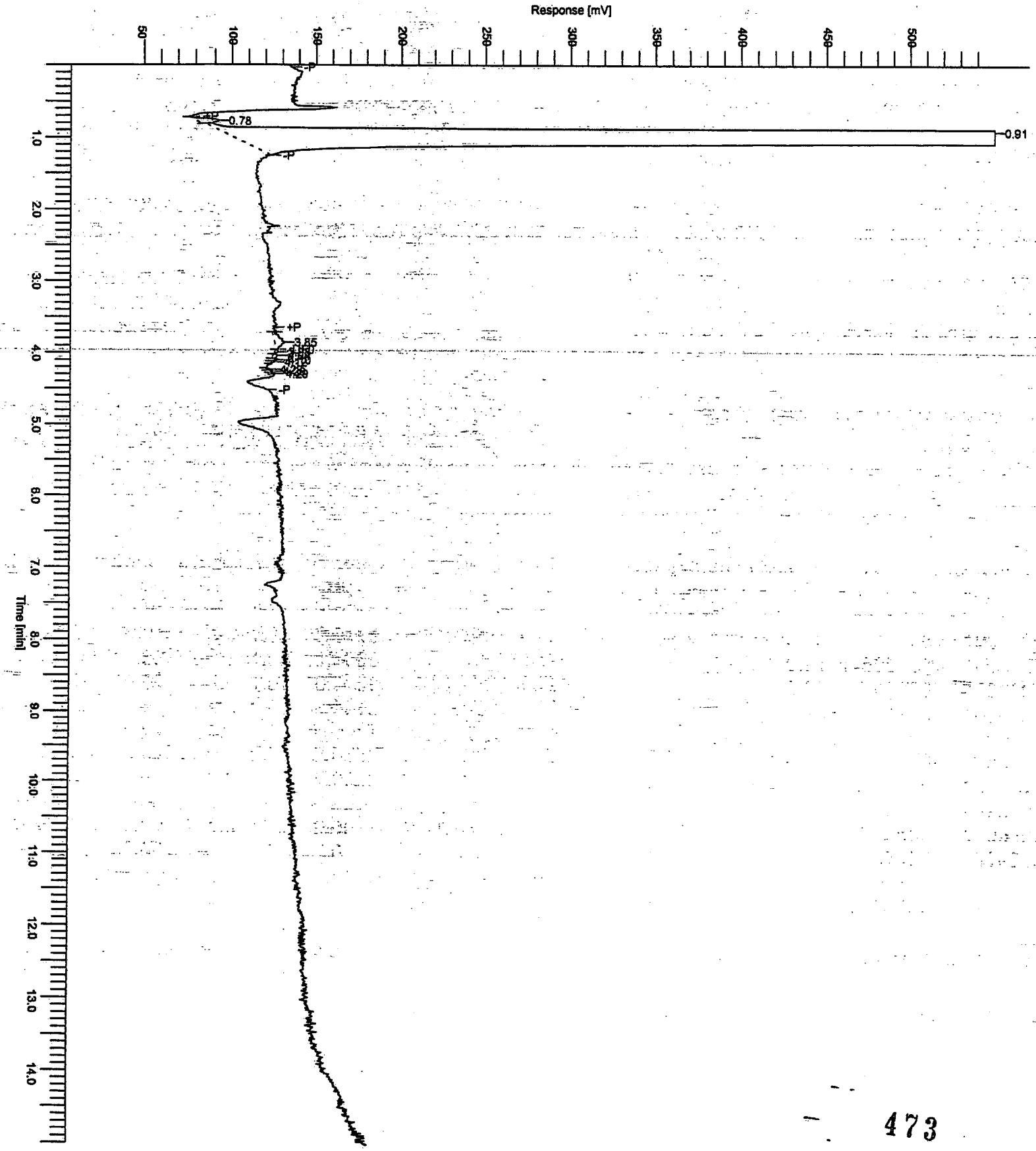
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.78 | 40996 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0410 |
| | 0.91 | 11589783 | 1000000 | 11.59 | 1.0 | 1.00 | 11.5898 |
| | 3.85 | 45756 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0458 |
| | 3.98 | 4329 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0043 |
| | 4.04 | 8155 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0082 |
| | 4.10 | 5223 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0052 |
| | 4.12 | 2905 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0029 |
| | 4.23 | 2077 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0021 |
| | 4.26 | 2650 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0027 |
| | 4.29 | 2158 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0022 |
| | | 11704032 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A002.TX0

# Chromatogram

Sample Name : PERC BLANK  Sample #: 02  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A002.raw
Date : 2/26/02 5:53:07 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/25/02 5:14:43 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:53:36 PM |
| Operator | : manager | Sample Name | : PERC BLANK |
| Sample Number | : 03 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/1 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 5:35:29 PM | Cycle | : 3 |

ONTUBE FOR BKGRD

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A003.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A003.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

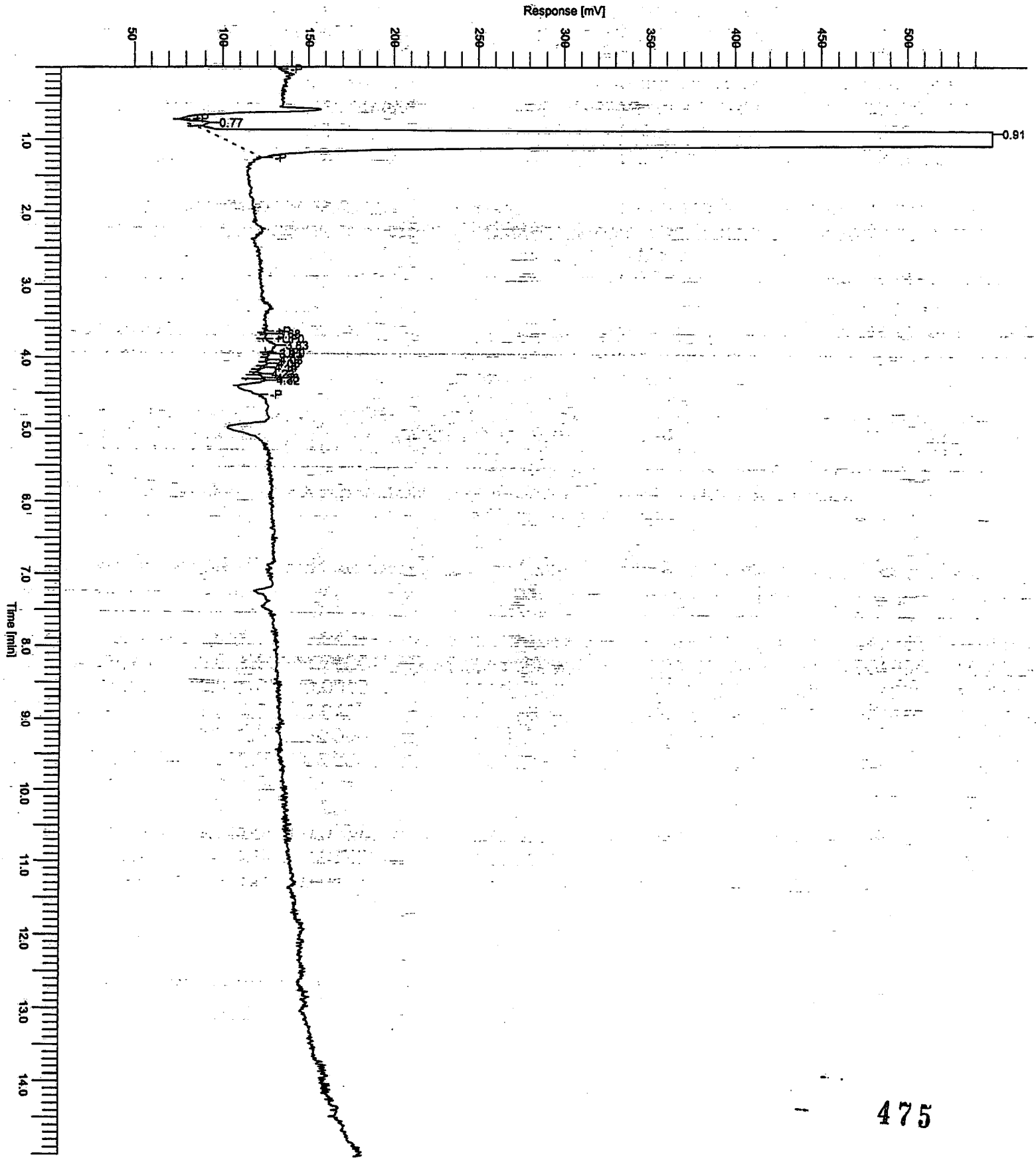
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 42267 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0423 |
| | 0.91 | 11781994 | 1000000 | 11.78 | 1.0 | 1.00 | 11.7820 |
| | 3.68 | 1270 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0013 |
| | 3.83 | 46657 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0467 |
| | 3.95 | 802 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0008 |
| | 4.03 | 3529 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0035 |
| | 4.08 | 5351 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0054 |
| | 4.14 | 4273 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0043 |
| | 4.23 | 7728 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0077 |
| | 4.28 | 22398 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0224 |
| | 4.32 | 44115 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0441 |
| | | 11960384 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A003.TX0

# Chromatogram

Sample Name : PERC BLANK  Sample #: 03  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A003.raw
Date : 2/26/02 5:53:40 PM
Method : hp10aperc311-8.mth  Time of Injection: 2/25/02 5:35:29 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:54:31 PM |
| Operator | : manager | Sample Name | : WG39545-1 |
| Sample Number | : 04 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/2 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 5:56:14 PM | Cycle | : 4 |

MEDIA BLANK

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A004.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A004.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.78 | 39368 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0394 |
| | 0.90 | 11965910 | 1000000 | 11.97 | 1.0 | 1.00 | 11.9659 |
| | 3.69 | 1449 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0014 |
| PERC → | 3.82 | 44548 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0445 |
| | 3.97 | 1864 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0019 |
| | 4.02 | 1847 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0018 |
| | 4.06 | 6108 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0061 |
| | 4.09 | 5708 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0057 |
| | 4.12 | 10360 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0104 |
| | 4.21 | 2845 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0028 |
| | 4.27 | 19468 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0195 |
| | 4.31 | 48962 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0490 |
| | | 12148437 | | | | | |

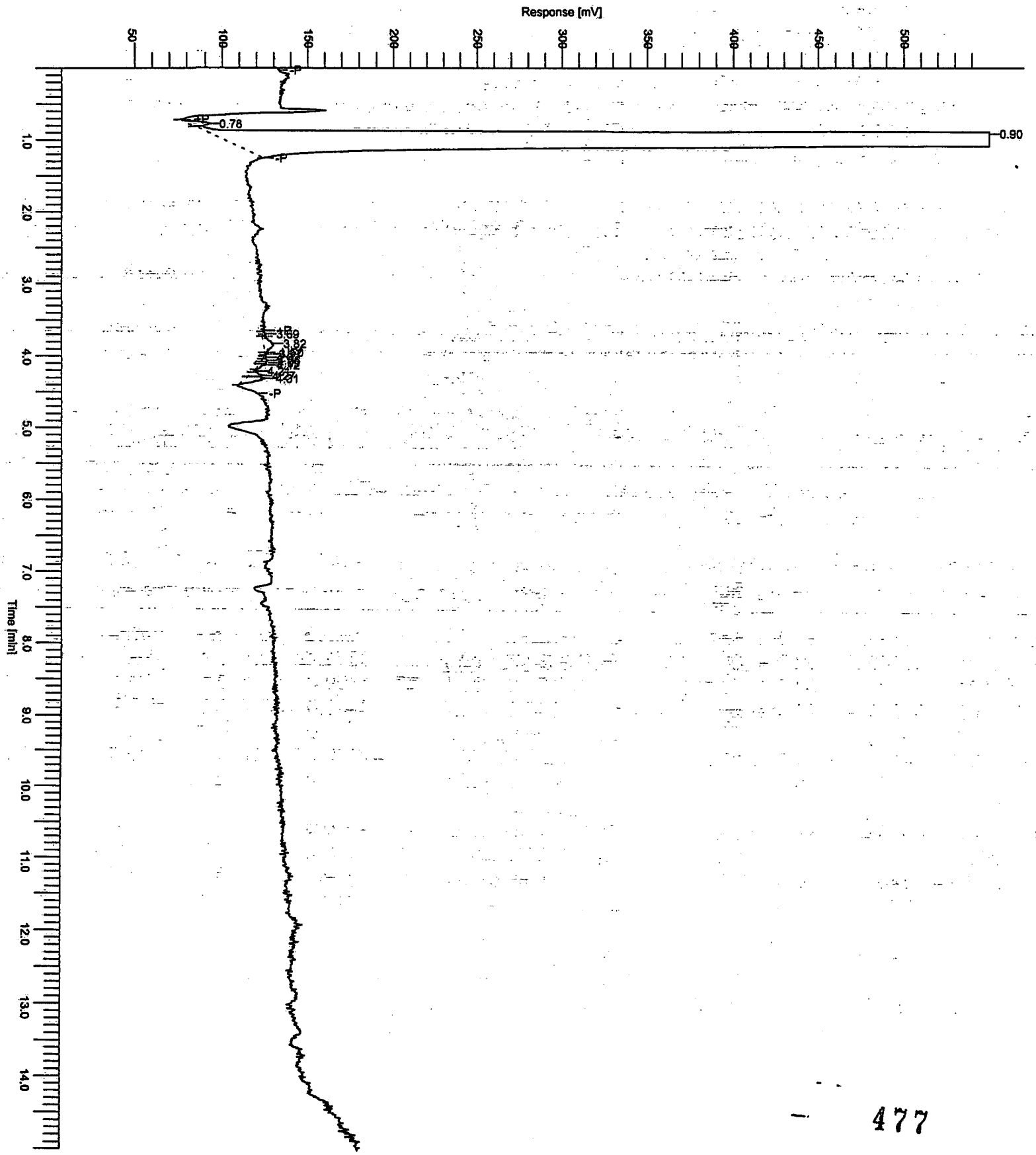
correct – 46731

PERC<DL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A004.TX0

# Chromatogram

Sample Name : WG39545-1 Sample #: 04 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A004.raw
Date : 2/26/02 5:54:38 PM
Method : hp10aperc311-9.mth Time of Injection: 2/25/02 5:56:14 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV




477

| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:55:02 PM |
| Operator | : manager | Sample Name | : WG39545-2 |
| Sample Number | : 05 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/3 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 6:17:03 PM | Cycle | : 5 |

MEDIA BLANK

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A005.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A005.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 39403 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0394 |
| | 0.90 | 11838586 | 1000000 | 11.84 | 1.0 | 1.00 | 11.8386 |
| | 3.69 | 2796 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0028 |
| PERC → | 3.83 | 42008 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0420 |
| | 3.97 | 1549 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0015 |
| | 3.99 | 1058 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0011 |
| | 4.04 | 3843 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0038 |
| | 4.08 | 4577 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0046 |
| | 4.11 | 8733 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0087 |
| | 4.21 | 3074 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0031 |
| | 4.27 | 13270 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0133 |
| | 4.30 | 45676 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0457 |
| | | 12004573 | | | | | |

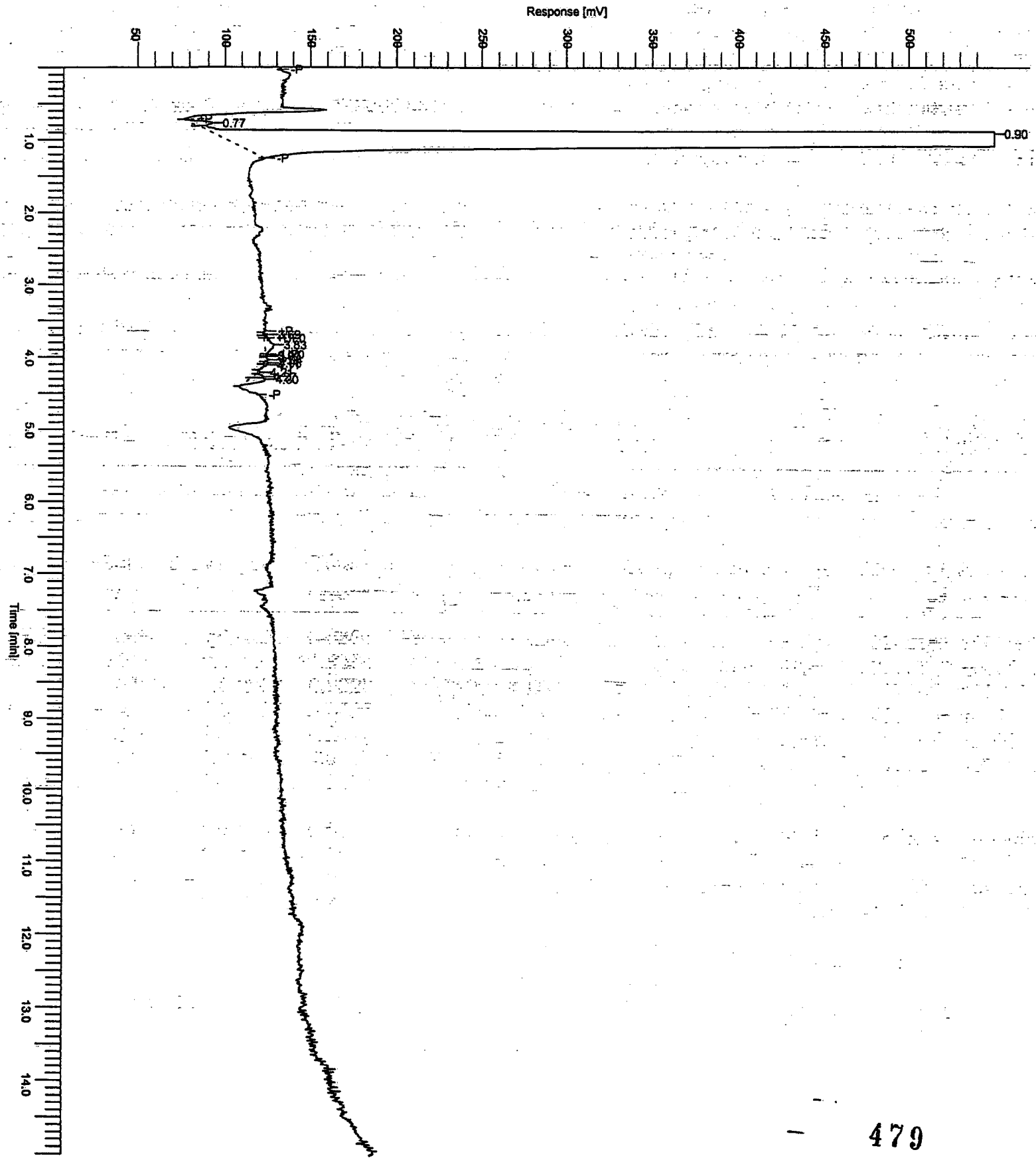
correct – 46731

PERCDL

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A005.TX0

# Chromatogram

Sample Name : WG39545-2 Sample #: 05 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A005.raw
Date : 2/26/02 5:55:07 PM
Method : hp10aperc311-9.mth Time of Injection: 2/25/02 6:17:03 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 1:36:09 PM |
| Operator | : manager | Sample Name | : WG39545-3,IH12605,223311 |
| Sample Number | : 06 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/4 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 6:37:48 PM | Cycle | : 6 |

Reporting Level Check Std

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A006.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A006.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

PERC 4421

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

expected=0.020

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 41538 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0415 |
| | 0.89 | 11738855 | 1000000 | 11.74 | 1.0 | 1.00 | 11.7389 |
| | 3.68 | 1861 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0019 |
| PERC → | 3.85 | 62703 | 1000000 | 0.06 | 1.0 | 1.00 | ~~0.0627~~ |
| | 4.02 | 2227 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0022 |
| | 4.06 | 793 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0008 |
| | 4.09 | 6682 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0067 |
| | 4.16 | 3925 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0039 |
| | 4.20 | 5335 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0053 |
| | 4.25 | 17513 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0175 |
| | 4.28 | 12238 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0122 |
| | 4.31 | 46104 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0461 |
| | | 11939774 | | | | | |

62703-46731

15972

RF=917933

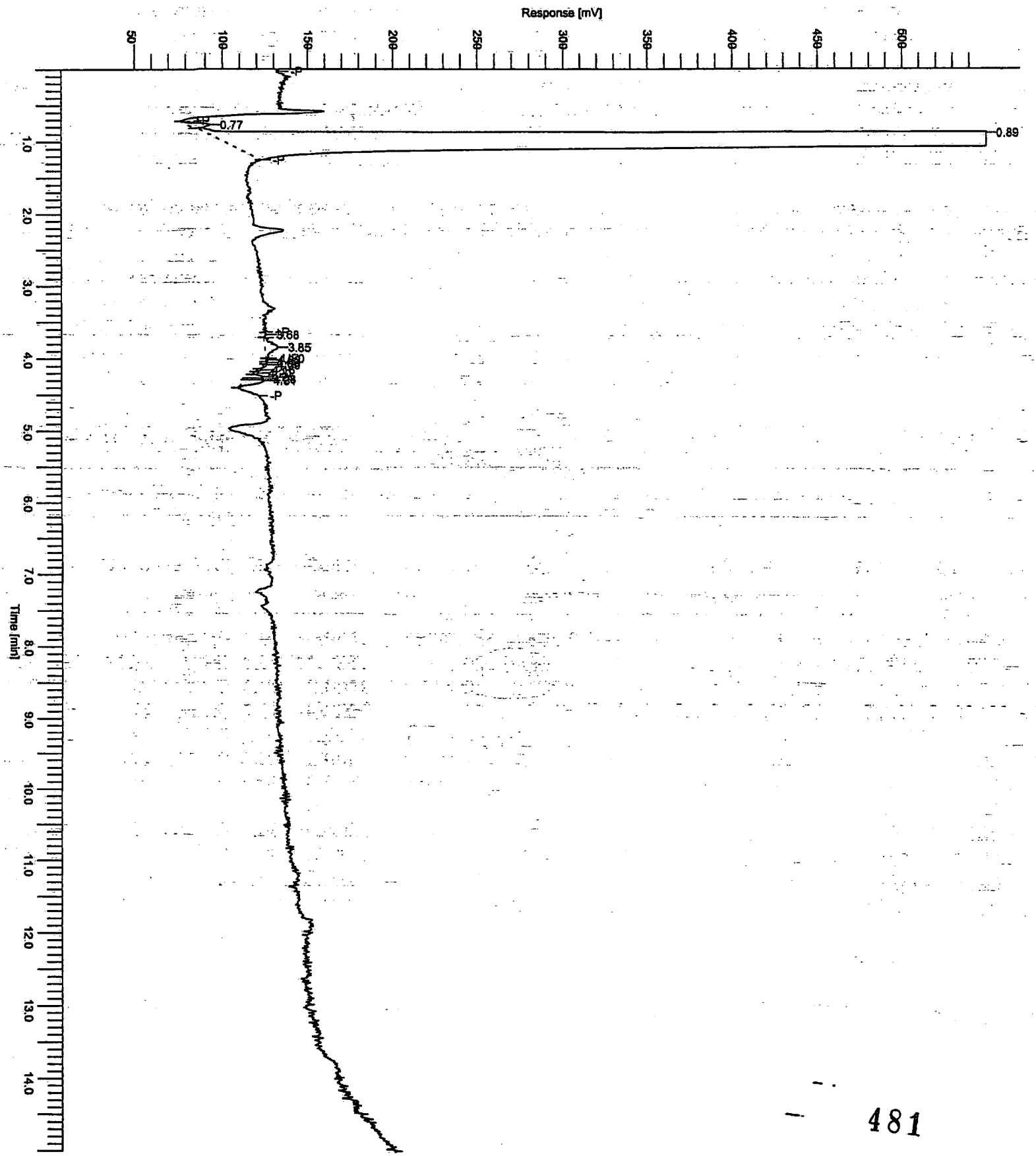
conc= 0.0174

87%

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A006.TX0

# Chromatogram

Sample Name : WG39545-3,IH126O5,223311 Sample #: 06 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A006.raw
Date : 2/27/02 1:36:13 PM
Method : hp10aperc311-9.mth Time of Injection: 2/25/02 6:37:48 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:06:54 PM |
| Operator | : manager | Sample Name | : WG39545-4,IH12606,10251 |
| Sample Number | : 29 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/24 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 2:39:57 AM | Cycle | : 29 |

CONT. CAL STD

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A029.raw <Modified>
Result File : C:\PenExe\TcWS\HP-10A\022502A029.rst
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\HP-10A\022502A029.rst
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

PERC 4706

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

expected = 0.459

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 41519 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0415 |
| | 0.90 | 11955742 | 1000000 | 11.96 | 1.0 | 1.00 | 11.9557 |
| | 3.67 | 1155 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0012 |
| | 3.71 | 357 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0004 |
| PERC → | 3.85 | 442152 | 1000000 | 0.44 | 1.0 | 1.00 | 0.4422 |
| | 4.12 | 4000 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0040 |
| | 4.23 | 6586 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0066 |
| | 4.26 | 13023 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0130 |
| | 4.30 | 54642 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0546 |
| | 4.41 | 709 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0007 |
| | | 12519886 | | | | | |

442152-46731

395421

RF=917933

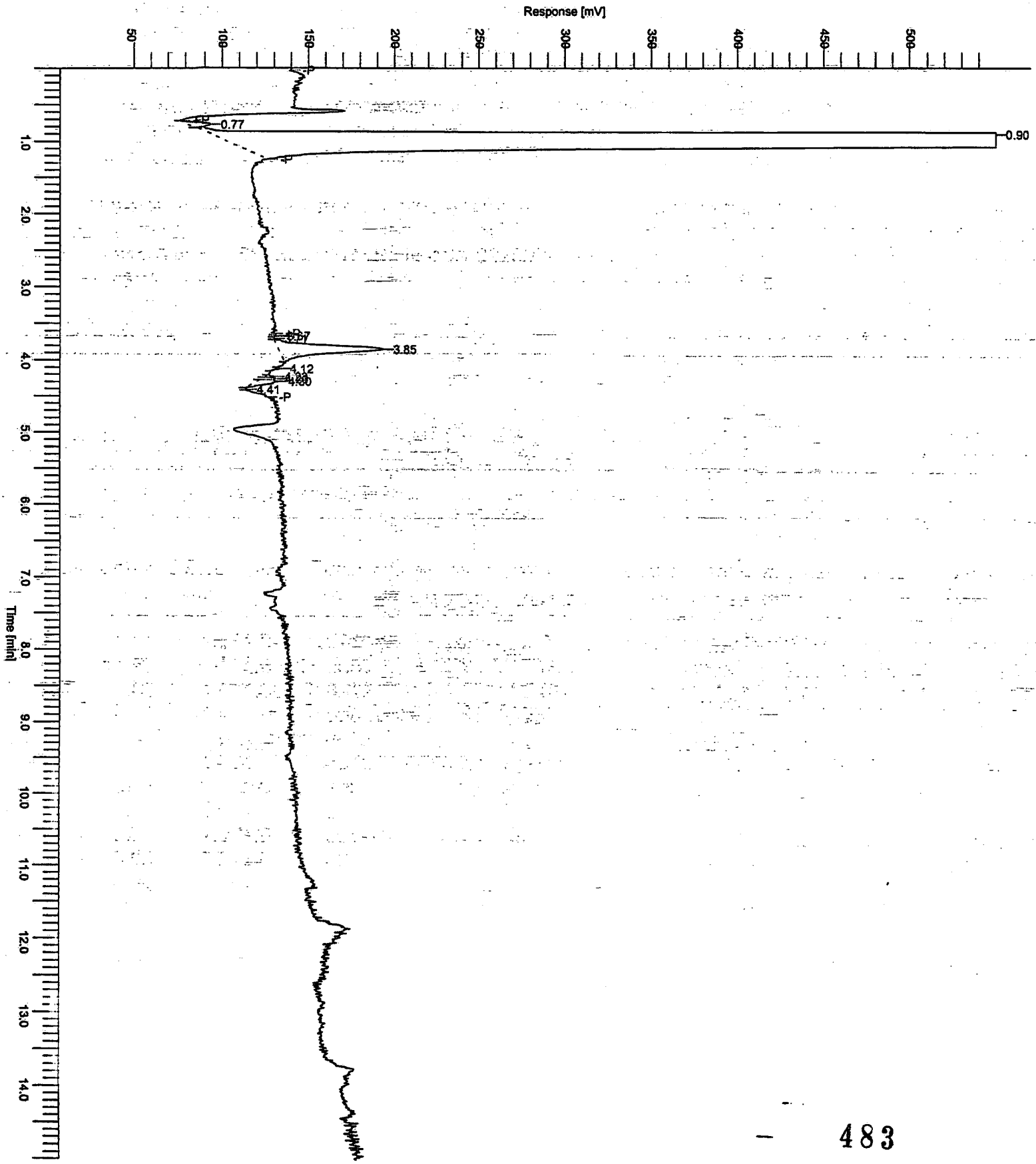
conc=0.4308

94%

Report stored in ASCII file: C:\PenExe\TcWS\HP-10A\022502A029.TX0

# Chromatogram

Sample Name : WG39545-4,IH12606,10251 Sample #: 29 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A029.raw
Date : 2/26/02 5:06:58 PM
Method : hp10aperc311-9 Time of Injection: 2/26/02 2:39:57 AM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:07:01 PM |
| Operator | : manager | Sample Name | : WG39545-5,IH12606,4221 |
| Sample Number | : 30 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/25 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 3:00:57 AM | Cycle | : 30 |

CONT. CAL STD

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A030.raw <Modified>
Result File : C:\PenExe\TcWS\HP-10A\022502A030.rst
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\HP-10A\022502A030.rst
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

PERC 4706

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

expected=1.115

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 41250 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0412 |
| | 0.89 | 11866680 | 1000000 | 11.87 | 1.0 | 1.00 | 11.8667 |
| | 3.67 | 1488 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0015 |
| | 3.69 | 3056 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0031 |
| PERC → | 3.84 | 1112729 | 1000000 | 1.11 | 1.0 | 1.00 | 1.1127 |
| | 4.26 | 11139 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0111 |
| | 4.29 | 11614 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0116 |
| | 4.30 | 41499 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0415 |
| | | 13089456 | | | | | |

1112729 − 46731 = 1065998

RF = 917933

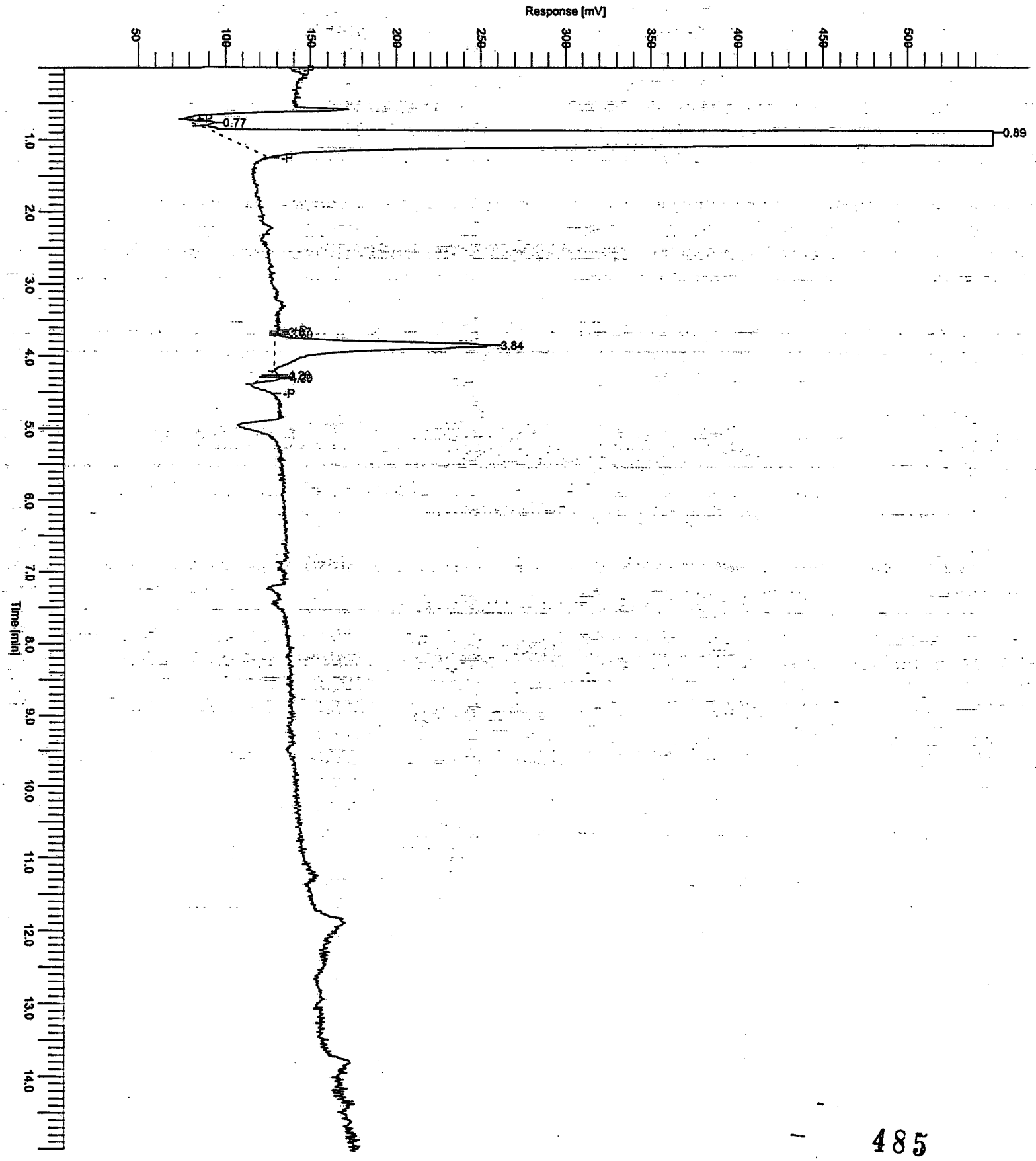
conc = 1.1613

104%

Report stored in ASCII file: C:\PenExe\TcWS\HP-10A\022502A030.TX0

# Chromatogram

Sample Name : WG39545-5,IH12606,4221 Sample #: 30 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A030.raw
Date : 2/26/02 5:07:05 PM
Method : hp10aperc311-9 Time of Injection: 2/26/02 3:00:57 AM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 11:52:20 AM |
| Operator | : manager | Sample Name | : WG39545-6,IH12606,4221 |
| Sample Number | : 41 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/36 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 6:52:39 AM | Cycle | : 41 |

CONT CAL STD

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A041.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A041.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

PERC4706

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

expected= 1.115

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 39869 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0399 |
| | 0.89 | 11778029 | 1000000 | 11.78 | 1.0 | 1.00 | 11.7780 |
| | 3.67 | 1404 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0014 |
| PERC → | 3.83 | 1120311 | 1000000 | 1.12 | 1.0 | 1.00 | 1.1203 |
| | 4.17 | 859 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0009 |
| | 4.26 | 16760 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0168 |
| | 4.28 | 25888 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0259 |
| | 4.31 | 38250 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0382 |
| | 4.48 | 2723 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0027 |
| | | 13024093 | | | | | |

1120311-46731

1073580

RF=917933

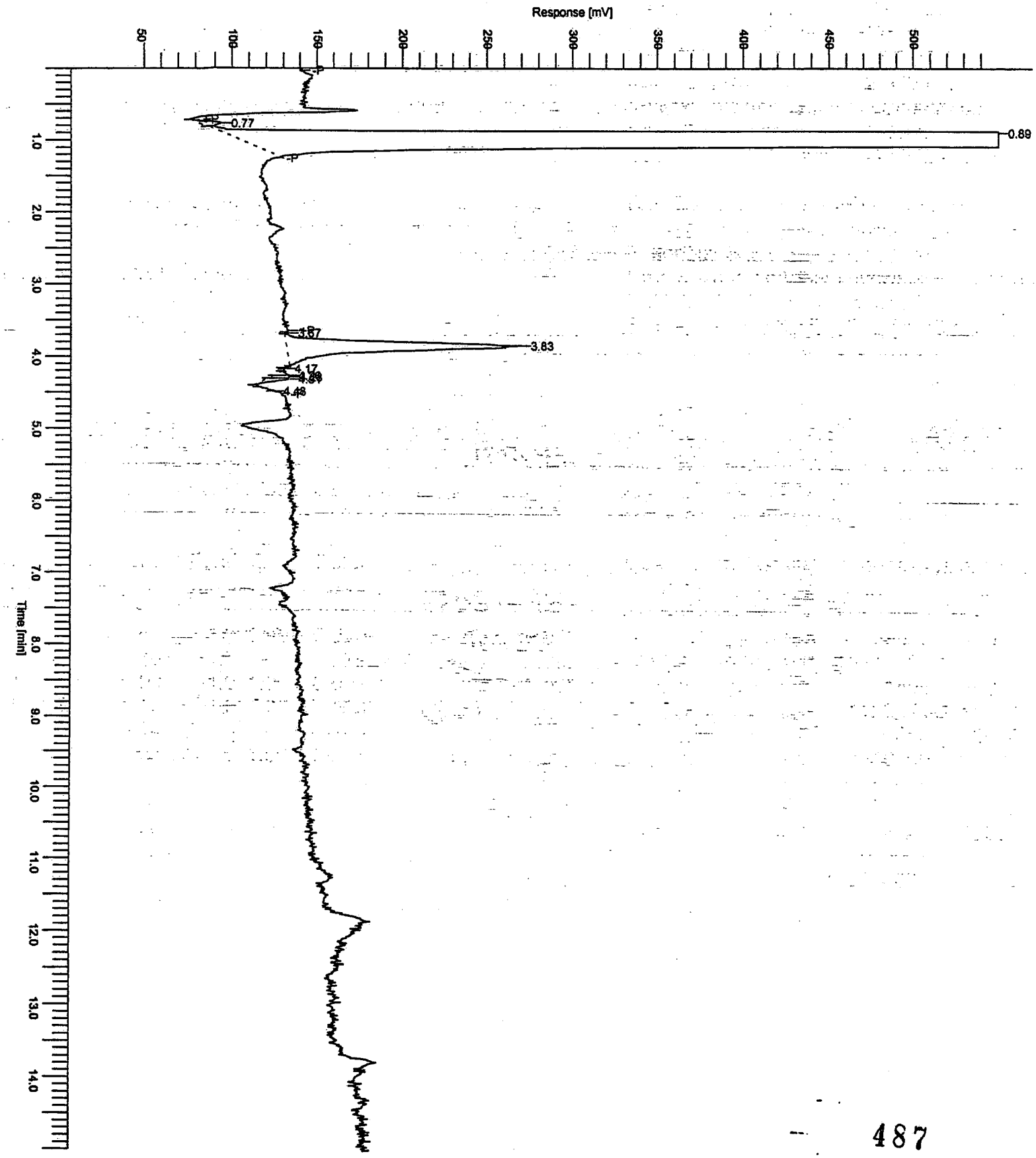
conc= 1.1696

105%

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A041.TX0

# Chromatogram

Sample Name : WG39545-6,IH126O6,4221 Sample #: 41 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A041.raw
Date : 2/27/02 11:52:24 AM
Method : hp10aperc311-9.mth Time of Injection: 2/26/02 6:52:39 AM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 11:52:48 AM |
| Operator | : manager | Sample Name | : WG39545-7,IH12606,20301 |
| Sample Number | : 52 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/47 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 10:43:35 AM | Cycle | : 52 |

CONT. CAL STD

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A052.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A052.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

PERC 4706

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

expected = 0.232

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 45411 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0454 |
| | 0.89 | 11572872 | 1000000 | 11.57 | 1.0 | 1.00 | 11.5729 |
| PERC → | 3.83 | 238175 | ~~1000000~~ | 0.24 | 1.0 | 1.00 | ~~0.2382~~ |
| | 4.07 | 3747 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0037 |
| | 4.11 | 4381 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0044 |
| | 4.14 | 2360 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0024 |
| | 4.21 | 9715 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0097 |
| | 4.23 | 8717 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0087 |
| | 4.28 | 26875 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0269 |
| | 4.30 | 44916 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0449 |
| | 4.41 | 508 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0005 |
| | | 11957676 | | | | | |

238175 − 46731
191444

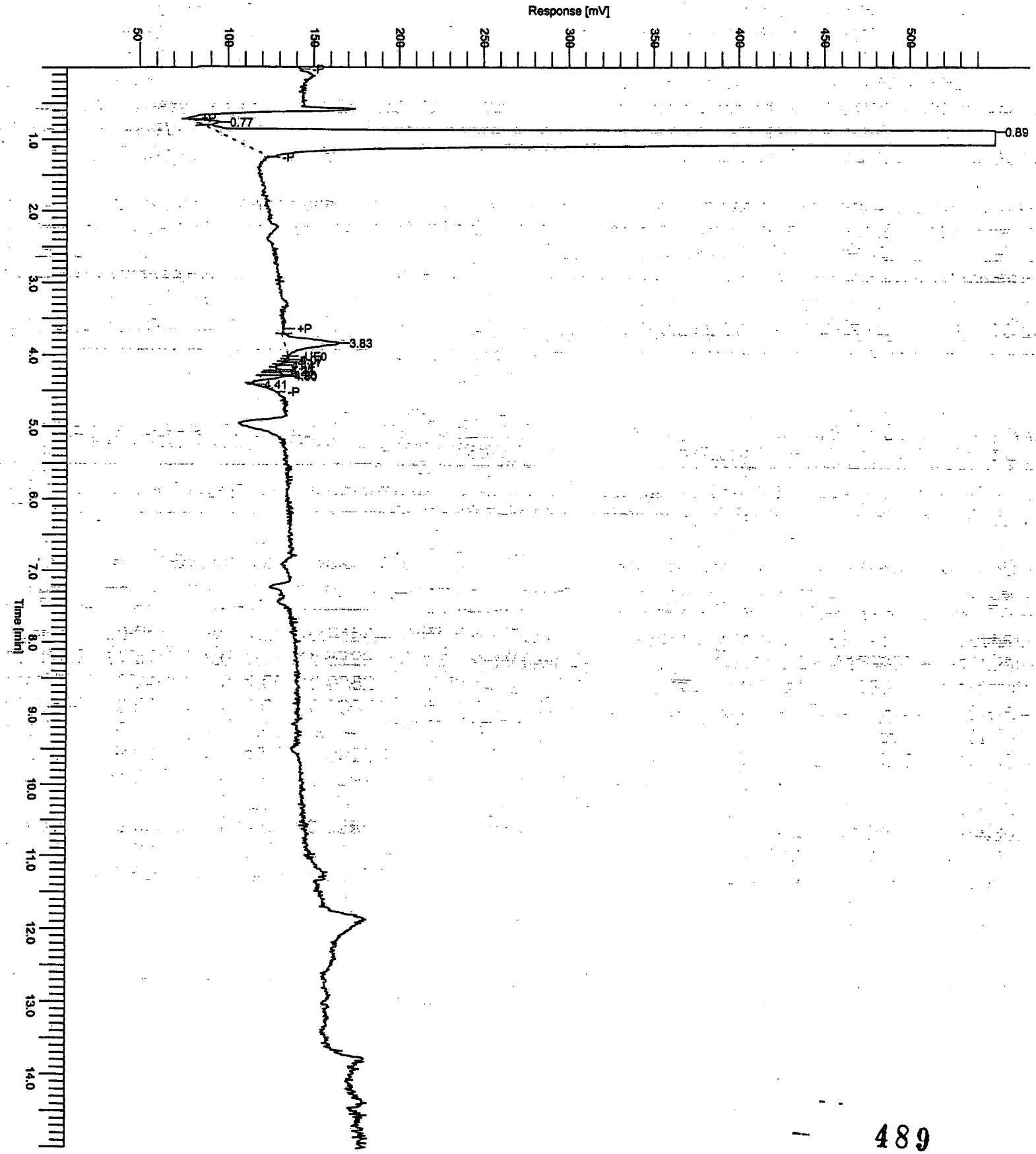
RF = 917933

conc = 0.2086
90%

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A052.TX0

# Chromatogram

Sample Name : WG39545-7,IH126-06,20301 Sample #: 52 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A052.raw
Date : 2/27/02 11:52:51 AM
Method : hp10aperc311-9.mth Time of Injection: 2/26/02 10:43:35 AM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:20:34 PM |
| Operator | : manager | Sample Name | : WG39545-8,IH12606,20301 |
| Sample Number | : 65 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/47 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 3:15:00 PM | Cycle | : 65 |

CONT. CAL STD

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A065.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A065.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

PERC 4706

ANALYTICAL METHOD: _____ Column: RTX-1 30M X 0.53mm ID

expected = 0.232

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 42595 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0426 |
| | 0.90 | 11767519 | 1000000 | 11.77 | 1.0 | 1.00 | 11.7675 |
| PERC → | 3.83 | 255201 | 1000000 | 0.26 | 1.0 | 1.00 | 0.2552 |
| | 4.04 | 3782 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0038 |
| | 4.08 | 5725 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0057 |
| | 4.20 | 9320 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0093 |
| | 4.24 | 15237 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0152 |
| | 4.27 | 63594 | 1000000 | 0.06 | 1.0 | 1.00 | 0.0636 |
| | | 12162973 | | | | | |

255201 - 46731

208470

RF = 917933

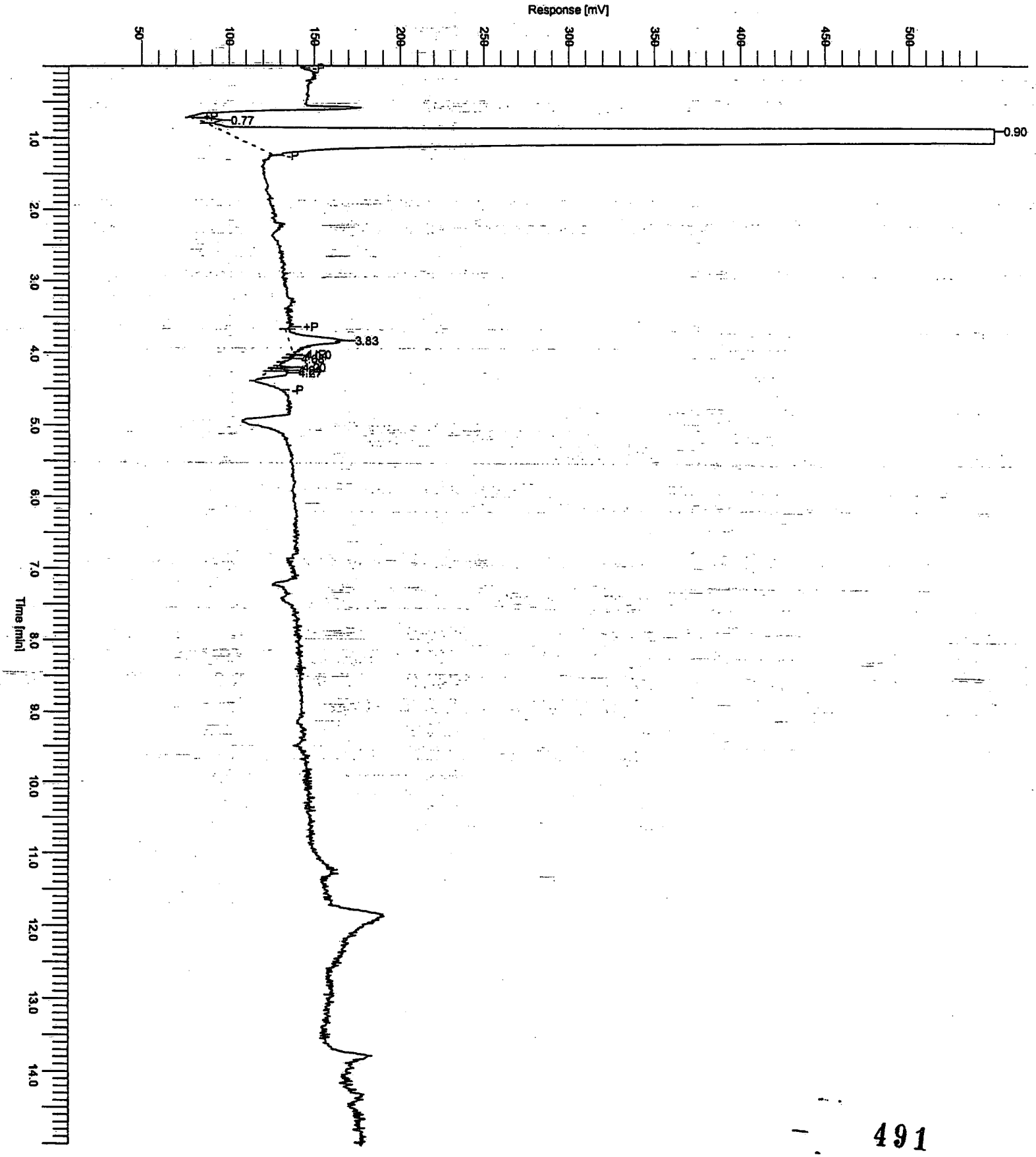
conc = 0.2271

98%

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A065.TX0

# Chromatogram

Sample Name : WG39545-8,IH126-06,20301 Sample #: 65 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A065.raw
Date : 2/27/02 12:20:38 PM
Method : hp10aperc311-9.mth Time of Injection: 2/26/02 3:15:00 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 1:45:28 PM |
| Operator | : manager | Sample Name | : WG39545-9,IH12606,10251 |
| Sample Number | : 66 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/59 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 3:35:53 PM | Cycle | : 66 |

CONT. CAL STD

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A066.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A066.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

PERC 4706

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

expected = 0.459

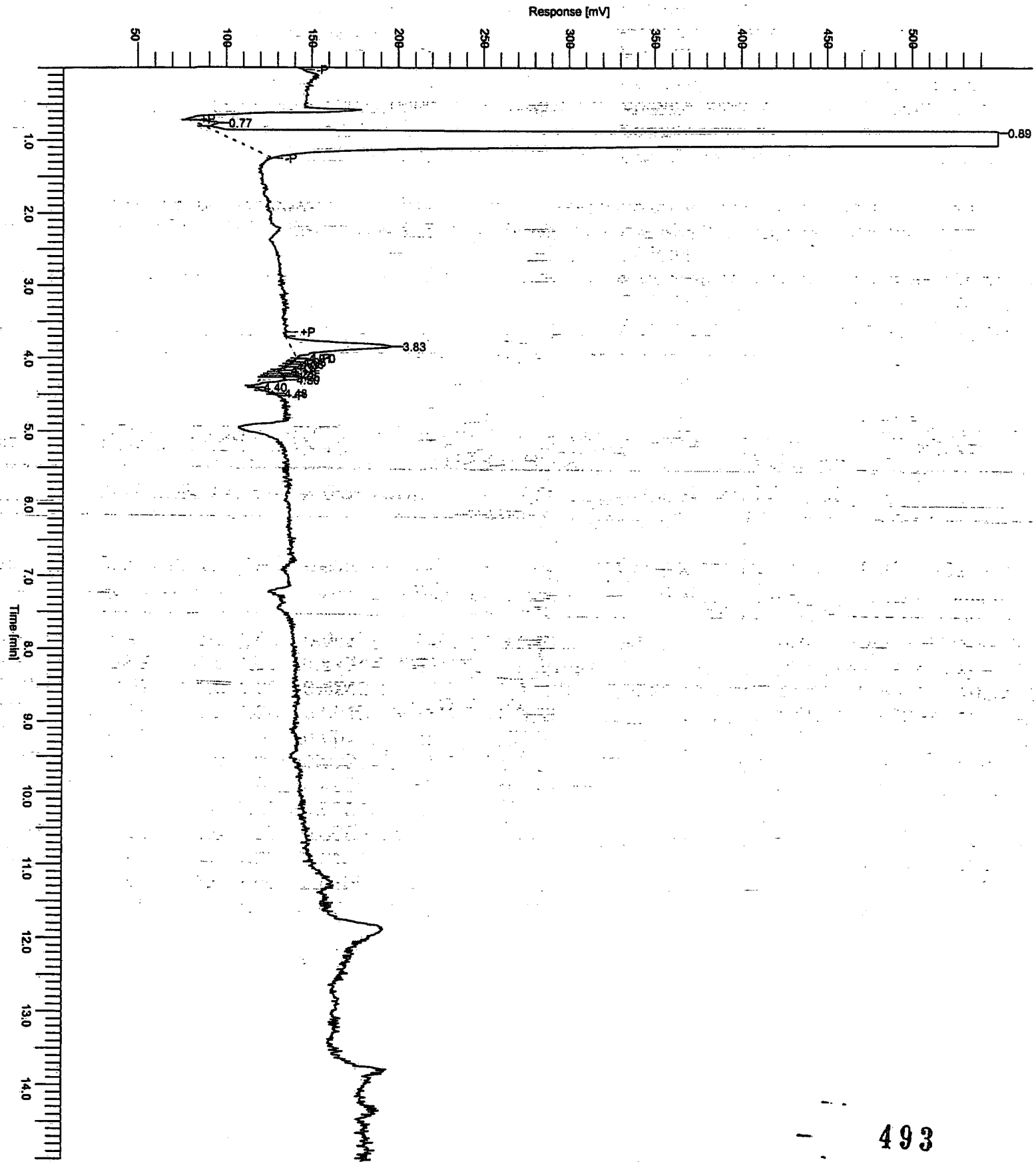
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 43224 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0432 |
| | 0.89 | 11617435 | 1000000 | 11.62 | 1.0 | 1.00 | 11.6174 |
| PERC → | 3.83 | 424221 | 1000000 | 0.42 | 1.0 | 1.00 | 0.4242 |
| | 4.01 | 1537 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0015 |
| | 4.06 | 1542 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0015 |
| | 4.08 | 2302 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0023 |
| | 4.12 | 5585 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0056 |
| | 4.17 | 5375 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0054 |
| | 4.21 | 8489 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0085 |
| | 4.23 | 13072 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0131 |
| | 4.25 | 15995 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0160 |
| | 4.30 | 63147 | 1000000 | 0.06 | 1.0 | 1.00 | 0.0631 |
| | 4.40 | 591 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0006 |
| | 4.48 | 5638 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0056 |
| | | 12208155 | | | | | |

424221 − 46731
377490
RF = 917933
conc = 0.4112
90%

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A066.TX0

# Chromatogram

Sample Name : WG39545-9,IH126-06,10251 Sample #: 66 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A066.raw
Date : 2/27/02 1:45:32 PM
Method : hp10aperc311-9.mth Time of Injection: 2/26/02 3:35:53 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



# TETRACHLOROETHYLENE, ECD

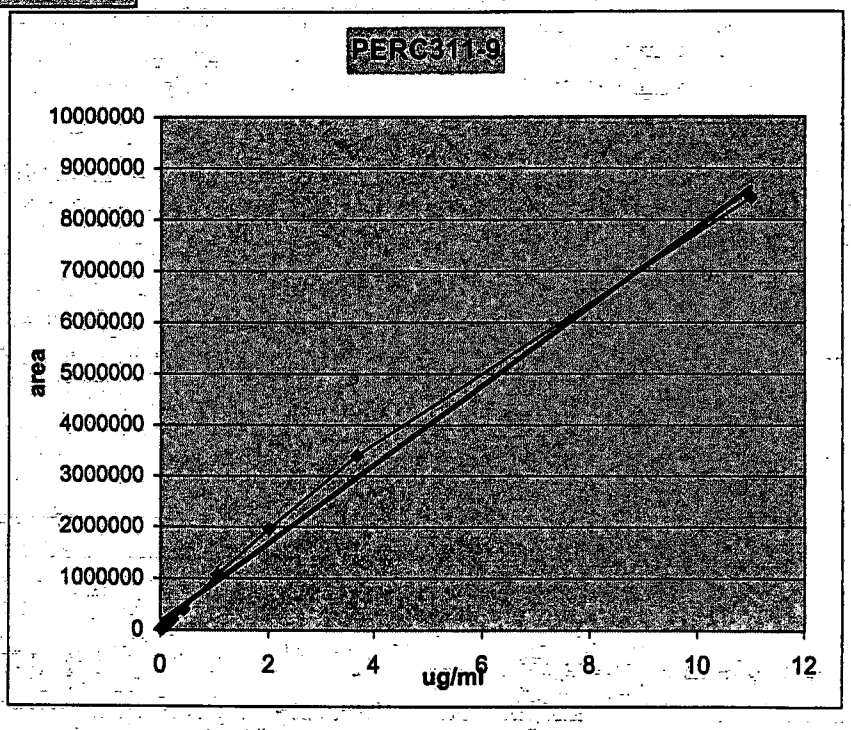
# INITIAL CALIBRATION STANDARDS

**Compound:** PERCHLOROETHYLENE (311-9) *Remember to "Save As" and rename file!*
**Instru #:** HP-10A
**Column:** STABILWAX DA
**Date:** 02/26/02

| ug/ml | area |
|---|---|
| 11 | 8430056 |
| 3.667 | 3398707 |
| 2 | 1955742 |
| 1.048 | 1067947 |
| 0.431 | 391433 |
| 0.218 | 197273 |
| 0.109 | 82402 |
| 0.039 | 28828 |
| 0.02 | 18446 |

unused pts:

| | |
|---|---|
| 22 | 12329669 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |




**Average Response Factor**

used pts:

| ug/ml | area | RF | % D |
|---|---|---|---|
| 11 | 8430056 | 766369 | -16.51% |
| 3.667 | 3398707 | 926836 | 0.97% |
| 2 | 1955742 | 977871 | 6.53% |
| 1.048 | 1067947 | 1019033 | 11.01% |
| 0.431 | 391433 | 908197 | -1.06% |
| 0.218 | 197273 | 904922 | -1.42% |
| 0.109 | 82402 | | -17.64% |
| 0.039 | 28828 | | -19.47% |
| 0.02 | 18446 | 922300 | 0.48% |

| | |
|---|---|
| Avg RF= | 917933 |
| Std Dev= | 78685.01 |
| RSD %= | 8.57% |

unused pts:

| | | | |
|---|---|---|---|
| 22 | 12329669 | 1.784E-06 | -38.95% |
| 0 | 0 | #DIV/0! | #DIV/0! |
| 0 | 0 | #DIV/0! | #DIV/0! |

| CCS area | ug/ml | TrueValue | %REC |
|---|---|---|---|
| 439421 | 0.430773 | 0.450 | 94% |
| 1065998 | 1.161303 | 1.115 | 104% |
| 1073580 | 1.169563 | 1.115 | 105% |
| 191444 | 0.20856 | 0.232 | 90% |

Galson Laboratories Organic IH Standard Curve Data

Analysis Date: 2/26/02 Task: L79047 Client: Roy F. Weston, Inc.
Instrument: HP-10A Dectector: ECD Column: Stabilwax DA
Injection Size: 1uL Sequence: 022502.seq Conditions: hp10aperc311-9.mth

Standard Number: 1H12605
QCCS Number: 1H12606

STANDARD PREPARATION File ID: 1H12605

Eluent: $CS_2$ Weight: 1.2497 Density: 1.26 Initials: BJC

Anlyt: TETCLETE g: 0.0044
Anlyt: g:
Anlyt: g:
Anlyt: g:
Anlyt: g:

Anlyt: g:
Anlyt: g:
Anlyt: g:
Anlyt: g:
Anlyt: g:

Anlyt: g:
Anlyt: g:
Anlyt: g:
Anlyt: g:
Anlyt: g:

Total Weight: 1.2541 (g) Total Vol: 0.995517460 (ml) Std Prep Date: 9/4/01

| Standard | Analyte | Conc. ug/ml | Peak Area | RF Conc/Area | Ret. Time | Curve Construction |
|---|---|---|---|---|---|---|
| Stock | 1H12605 | 4421 | | | | |
| *Lo (1:201) | | 22.0 | 12329669 | | | x = 917933 |
| 1:2 | | 11.0 | 8430056 | ave correction | | |
| 1:6 | | 3.667 | 3398707 | | -46731 | n-1 = 78685.01 |
| 1:11 | | 2.00 | 1955742 | | | |
| 1:21 | | 1.048 | 1067947 | | 3.85 | RSD = 8.57% |
| 1:51 | | 0.431 | 391433 | | | |
| 1:101 | | 0.218 | 197273 | | | or |
| 1:201 | | 0.109 | 82402 | | | |
| 1:561 | | 0.039 | 28828 | | | Corr = |
| 1:1111 | | 0.020 | 18446 | | | |
| | | | | | | m = |
| QCCS | 1H12606 | 4706 | | | | |
| 1:10251 | | 0.459 | 395421 | 0.431/0.459 | 94% | b = |
| 1:4221 | | 1.115 | 1065998 | 1.161/1.115 | 104% | |
| 1:4221 | | 1.115 | 1073580 | 1.196/1.115 | 105% | |
| 1:20501 | | 0.232 | 191444 | 0.209/0.232 | 90% | |
| | | | | | | |

QC Data Entered: _____ Calculated By: JK Date: 2/27/02

Checked By: _____ Date: _____

*Not performed for most multi-component standards.

| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:56:33 PM |
| Operator | : manager | Sample Name | : IH12605 1:201:1111 |
| Sample Number | : 07 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/4 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 6:58:37 PM | Cycle | : 7 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A007.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A007.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

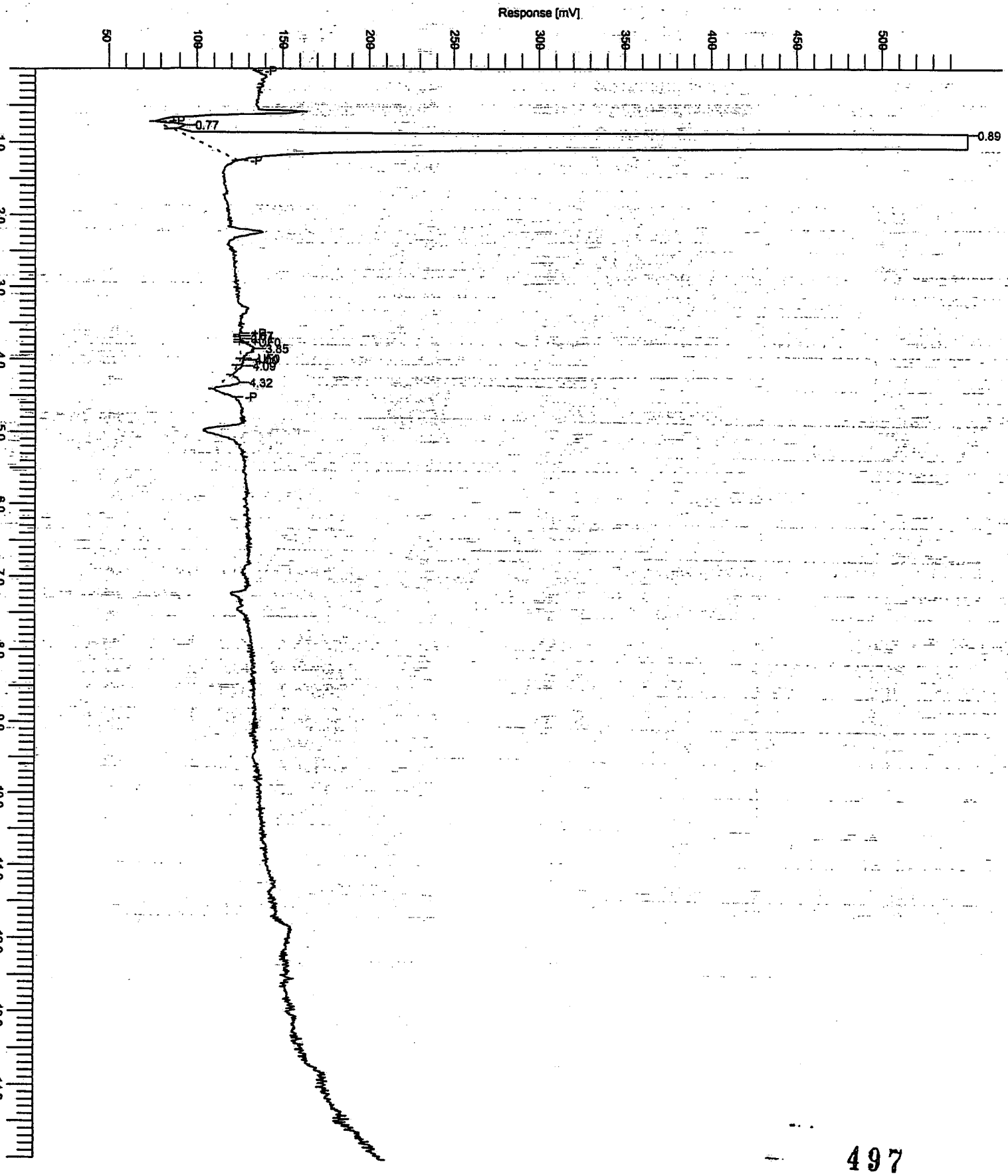
65177-46731
18446

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 42873 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0429 |
| | 0.89 | 11718828 | 1000000 | 11.72 | 1.0 | 1.00 | 11.7188 |
| | 3.67 | 435 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0004 |
| | 3.71 | 1192 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0012 |
| PERC → | 3.85 | 65177 | 1000000 | 0.07 | 1.0 | 1.00 | 0.0652 |
| | 4.00 | 11202 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0112 |
| | 4.09 | 13984 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0140 |
| | 4.32 | 67147 | 1000000 | 0.07 | 1.0 | 1.00 | 0.0671 |
| | | 11920838 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A007.TX0

# Chromatogram

Sample Name : IH12605 1:201:1111 Sample #: 07 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A007.raw
Date : 2/26/02 5:56:36 PM
Method : hp10aperc311-9.mth Time of Injection: 2/25/02 6:58:37 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:57:00 PM |
| Operator | : manager | Sample Name | : IH12605 1:201:561 |
| Sample Number | : 08 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/5 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 7:19:18 PM | Cycle | : 8 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A008.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A008.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

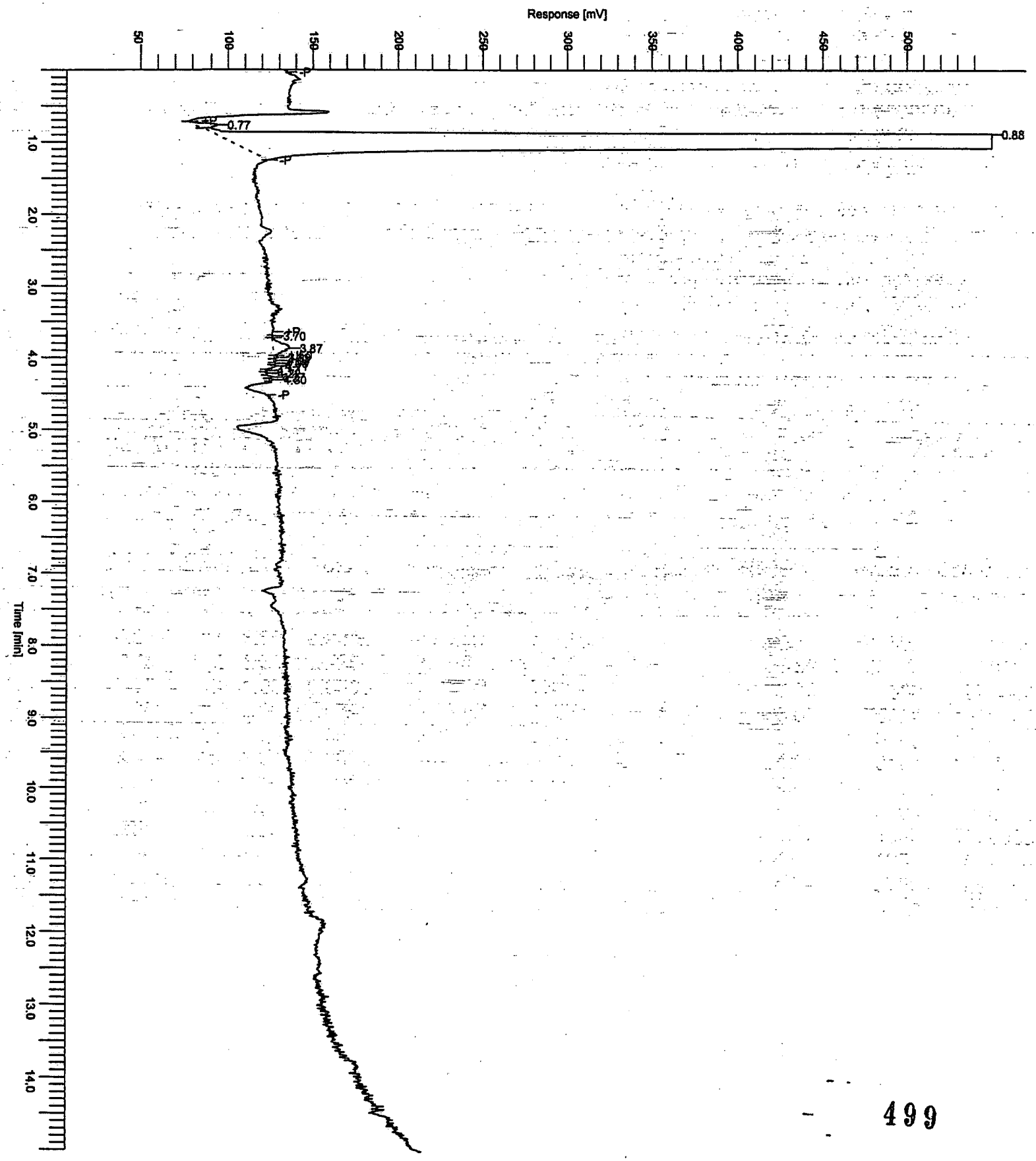
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 41602 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0416 |
| | 0.88 | 11725105 | 1000000 | 11.73 | 1.0 | 1.00 | 11.7251 |
| | 3.70 | 588 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0006 |
| PCBC → | 3.87 | 75559 | 1000000 | 0.08 | 1.0 | 1.00 | 0.0756 |
| | 3.99 | 3588 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0036 |
| | 4.04 | 3187 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0032 |
| | 4.08 | 1454 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0015 |
| | 4.11 | 8194 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0082 |
| | 4.17 | 1047 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0010 |
| | 4.22 | 1222 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0012 |
| | 4.27 | 3720 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0037 |
| | 4.30 | 3217 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0032 |
| | | 11868482 | | | | | |

75559 - 46731 = 28828

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A008.TX0

# Chromatogram

Sample Name : IH12605 1:201:561 Sample #: 08 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A008.raw
Date : 2/26/02 5:57:04 PM
Method : hp10aperc311-9.mth Time of Injection: 2/25/02 7:19:18 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 6:18:27 PM |
| Operator | : manager | Sample Name | : IH12605 1:201:201 |
| Sample Number | : 09 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/6 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 7:40:11 PM | Cycle | : 9 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A009.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A009.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

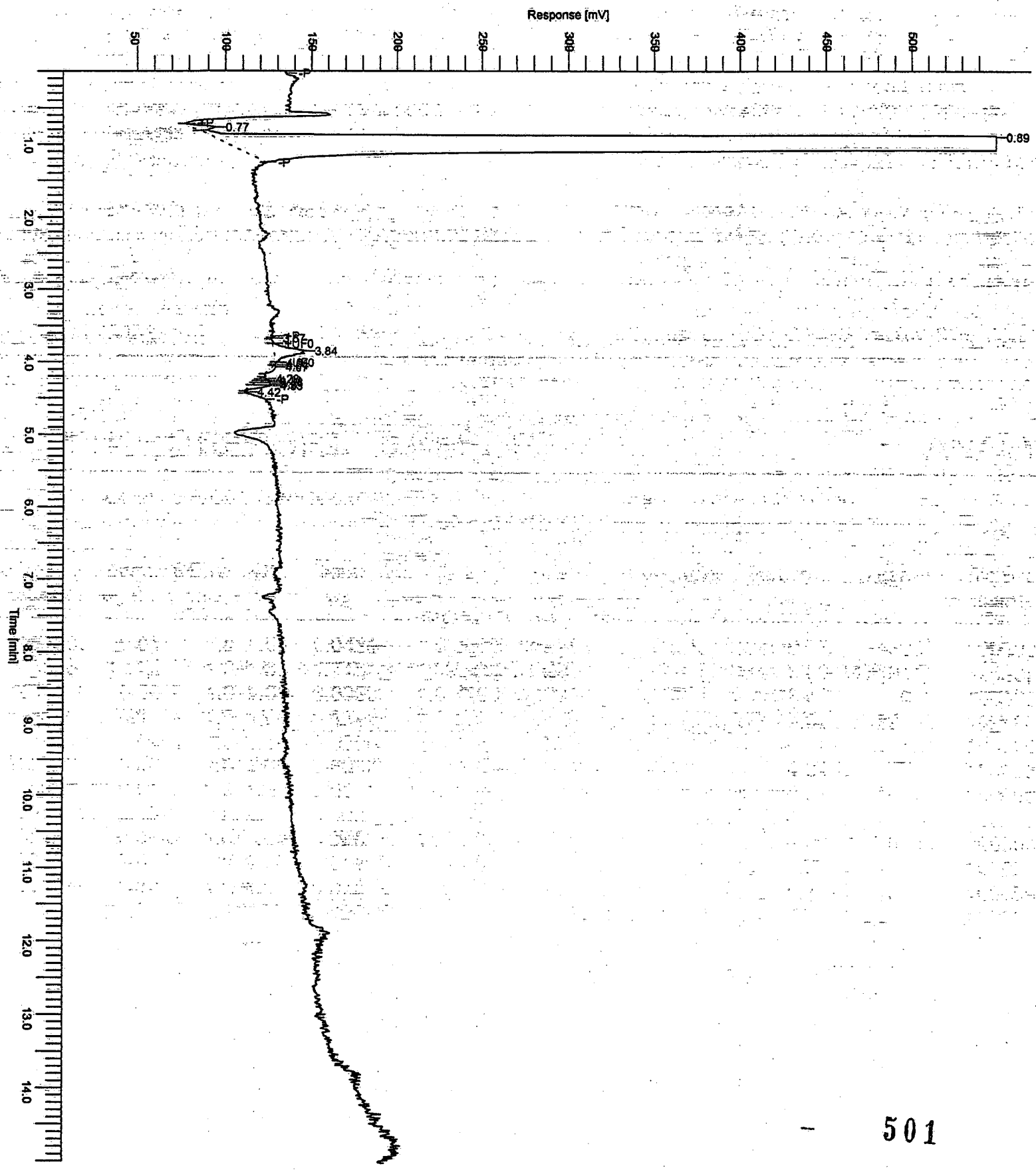
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 43088 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0431 |
| | 0.89 | 11719411 | 1000000 | 11.72 | 1.0 | 1.00 | 11.7194 |
| | 3.67 | 640 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0006 |
| PERC → | 3.84 | 129133 | 1000000 | 0.13 | 1.0 | 1.00 | 0.1291 |
| | 4.01 | 566 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0006 |
| | 4.04 | 755 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0008 |
| | 4.07 | 14109 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0141 |
| | 4.23 | 3744 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0037 |
| | 4.26 | 6290 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0063 |
| | 4.28 | 11593 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0116 |
| | 4.31 | 18707 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0187 |
| | 4.33 | 29873 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0299 |
| | 4.42 | 1202 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0012 |
| | | 11979110 | | | | | |

129133-46731
82402

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A009.TX0

# Chromatogram

Sample Name : IH12605 1:201:201 Sample #: 09 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A009.raw
Date : 2/26/02 6:18:31 PM
Method : hp10aperc311-9.mth Time of Injection: 2/25/02 7:40:11 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV




501

| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 6:18:57 PM |
| Operator | : manager | Sample Name | : IH12605 1:201:101 |
| Sample Number | : 10 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/7 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 8:00:52 PM | Cycle | : 10 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A010.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A010.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

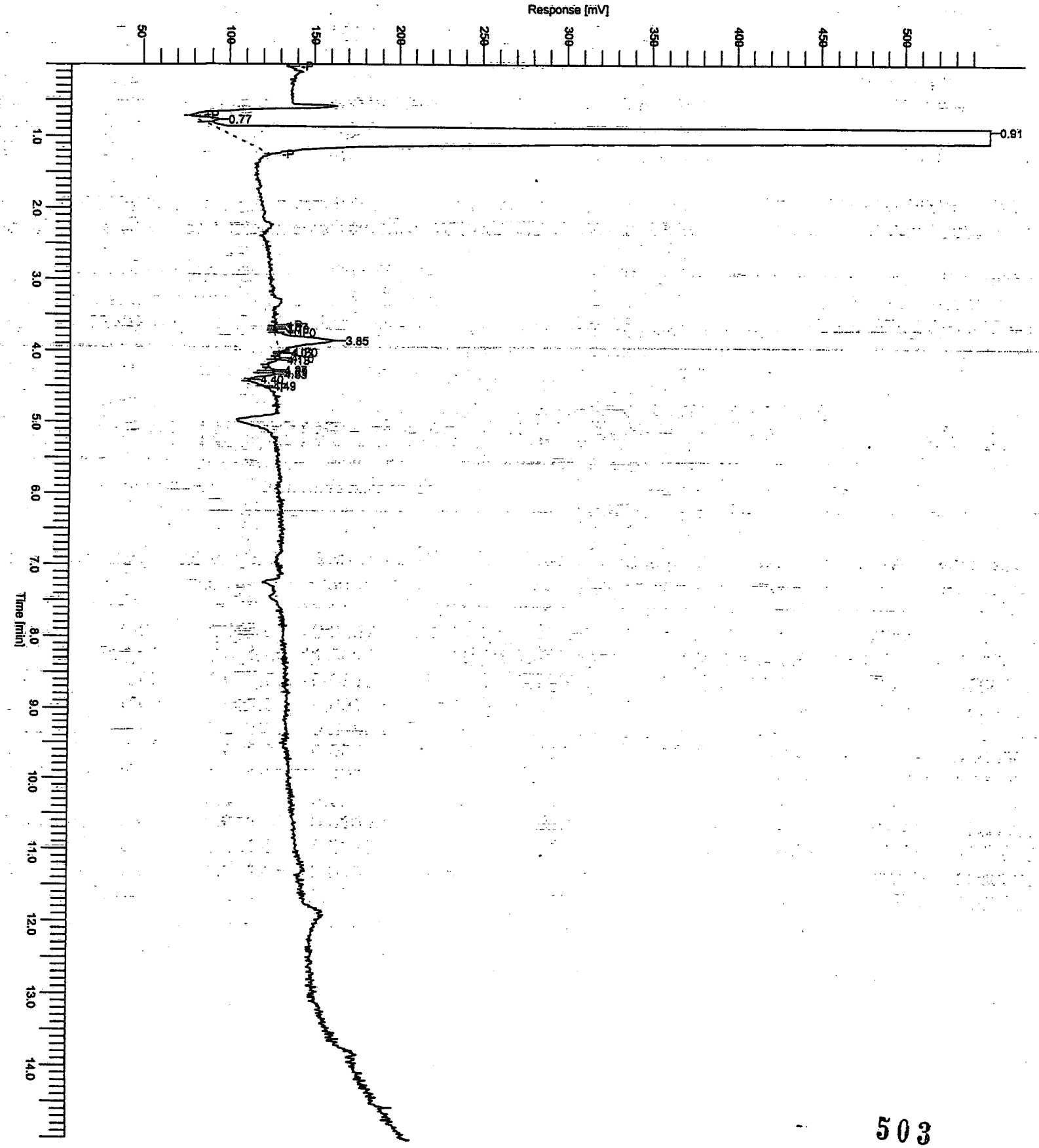
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 39653 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0397 |
| | 0.91 | 11801357 | 1000000 | 11.80 | 1.0 | 1.00 | 11.8014 |
| | 3.67 | 1200 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0012 |
| | 3.70 | 1771 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0018 |
| PERC → | 3.85 | 244004 | 1000000 | 0.24 | 1.0 | 1.00 | 0.2440 |
| | 4.03 | 1229 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0012 |
| | 4.10 | 7516 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0075 |
| | 4.13 | 7448 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0074 |
| | 4.27 | 10041 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0100 |
| | 4.29 | 12886 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0129 |
| | 4.33 | 31018 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0310 |
| | 4.40 | 1331 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0013 |
| | 4.49 | 3887 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0039 |
| | | 12163341 | | | | | |

244004-46731
197273

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A010.TX0

# Chromatogram

Sample Name : IH12605 1:201:101 Sample #: 10 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A010.raw
Date : 2/26/02 6:19:01 PM
Method : hp10aperc311-9.mth Time of Injection: 2/25/02 8:00:52 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 6:19:44 PM |
| Operator | : manager | Sample Name | : IH12605 1:201:51 |
| Sample Number | : 11 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/8 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 8:21:31 PM | Cycle | : 11 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A011.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A011.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

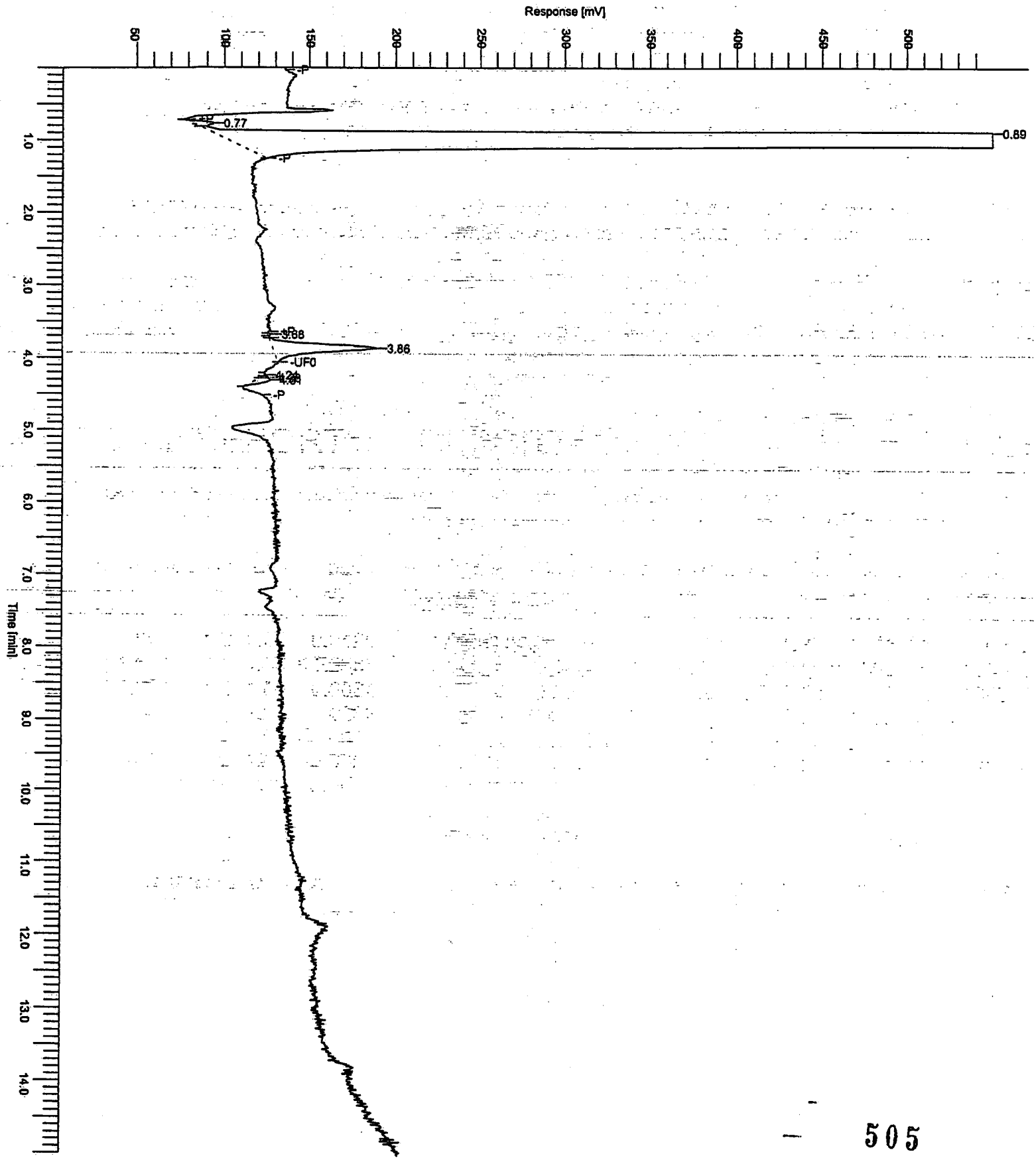
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 41951 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0420 |
| | 0.89 | 11608640 | 1000000 | 11.61 | 1.0 | 1.00 | 11.6086 |
| | 3.68 | 3412 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0034 |
| PCBC → | 3.86 | 438164 | 1000000 | 0.44 | 1.0 | 1.00 | 0.4382 |
| | 4.24 | 1455 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0015 |
| | 4.28 | 5286 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0053 |
| | 4.31 | 40755 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0408 |
| | | 12139665 | | | | | |

438164-46731
391433

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A011.TX0

# Chromatogram

Sample Name : IH12605 1:201:51 Sample #: 11 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A011.raw
Date : 2/26/02 6:19:48 PM
Method : hp10aperc311-9.mth Time of Injection: 2/25/02 8:21:31 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:39:32 PM |
| Operator | : manager | Sample Name | : IH12605 1:201:21 |
| Sample Number | : 12 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/9 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 8:42:05 PM | Cycle | : 12 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A012.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A012.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 42666 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0427 |
| | 0.90 | 11700286 | 1000000 | 11.70 | 1.0 | 1.00 | 11.7003 |
| | 3.67 | 2155 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0022 |
| | 3.70 | 942 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0009 |
| PERC → | 3.87 | 1114678 | 1000000 | 1.11 | 1.0 | 1.00 | 1.1147 |
| | 4.26 | 1321 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0013 |
| | 4.29 | 2973 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0030 |
| | | 12865022 | | | | | |

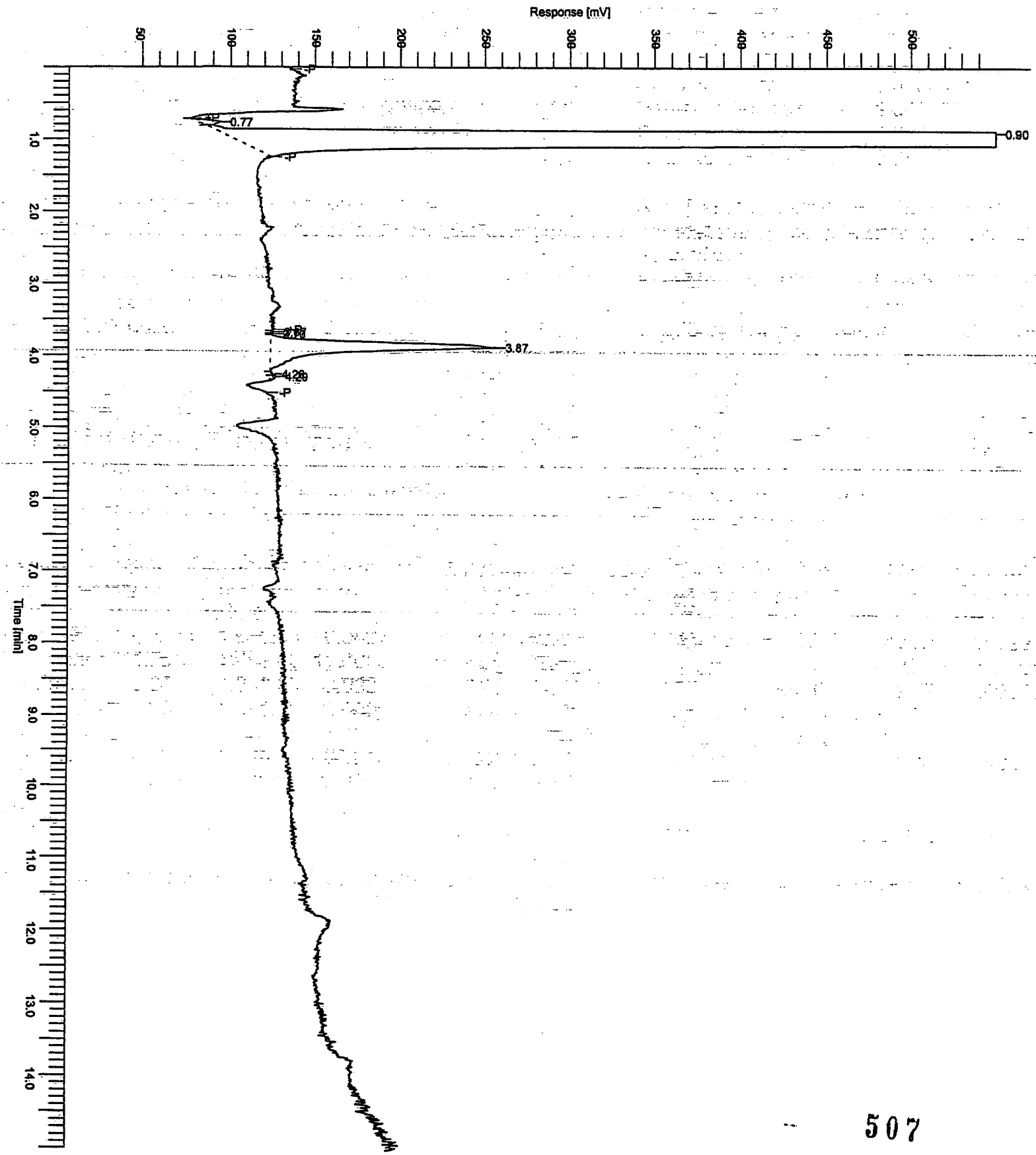
1114678 - 46731

1067947

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A012.TX0

# Chromatogram

Sample Name : IH12605 1:201:21 Sample #: 12 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A012.raw
Date : 2/26/02 5:39:37 PM
Method : hp10aperc311-9.mth Time of Injection: 2/25/02 8:42:05 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:39:54 PM |
| Operator | : manager | Sample Name | : IH12605 1:201:11 |
| Sample Number | : 13 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/10 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 9:02:50 PM | Cycle | : 13 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A013.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A013.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

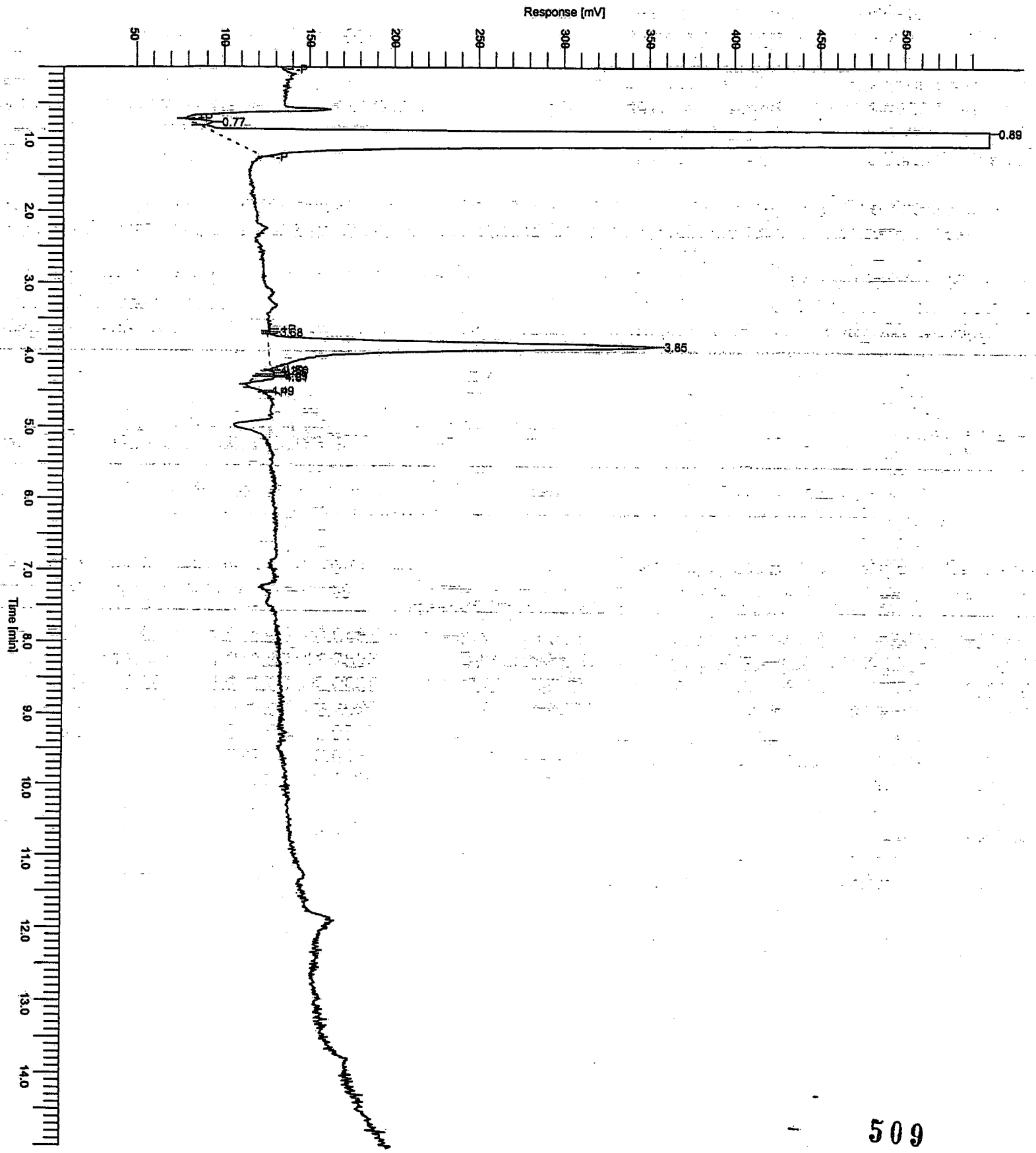
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 41170 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0412 |
| | 0.89 | 11783724 | 1000000 | 11.78 | 1.0 | 1.00 | 11.7837 |
| | 3.68 | 764 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0008 |
| PCBC → | 3.85 | 2002473 | 1~~000000~~ | 2.00 | 1.0 | 1.00 | ~~2.0025~~ |
| | 4.22 | 1694 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0017 |
| | 4.25 | 13816 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0138 |
| | 4.29 | 12469 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0125 |
| | 4.31 | 46359 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0464 |
| | 4.49 | 2503 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0025 |
| | | 13904972 | | | | | |

2002473 - 46731
1955742

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A013.TX0

# Chromatogram

Sample Name : IH12605 1:201:11 Sample #: 13 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A013.raw
Date : 2/26/02 5:39:59 PM
Method : hp10aperc311-9.mth Time of Injection: 2/25/02 9:02:50 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:40:22 PM |
| Operator | : manager | Sample Name | : IH12605 1:201:6 |
| Sample Number | : 14 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/11 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 9:23:50 PM | Cycle | : 14 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A014.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A014.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

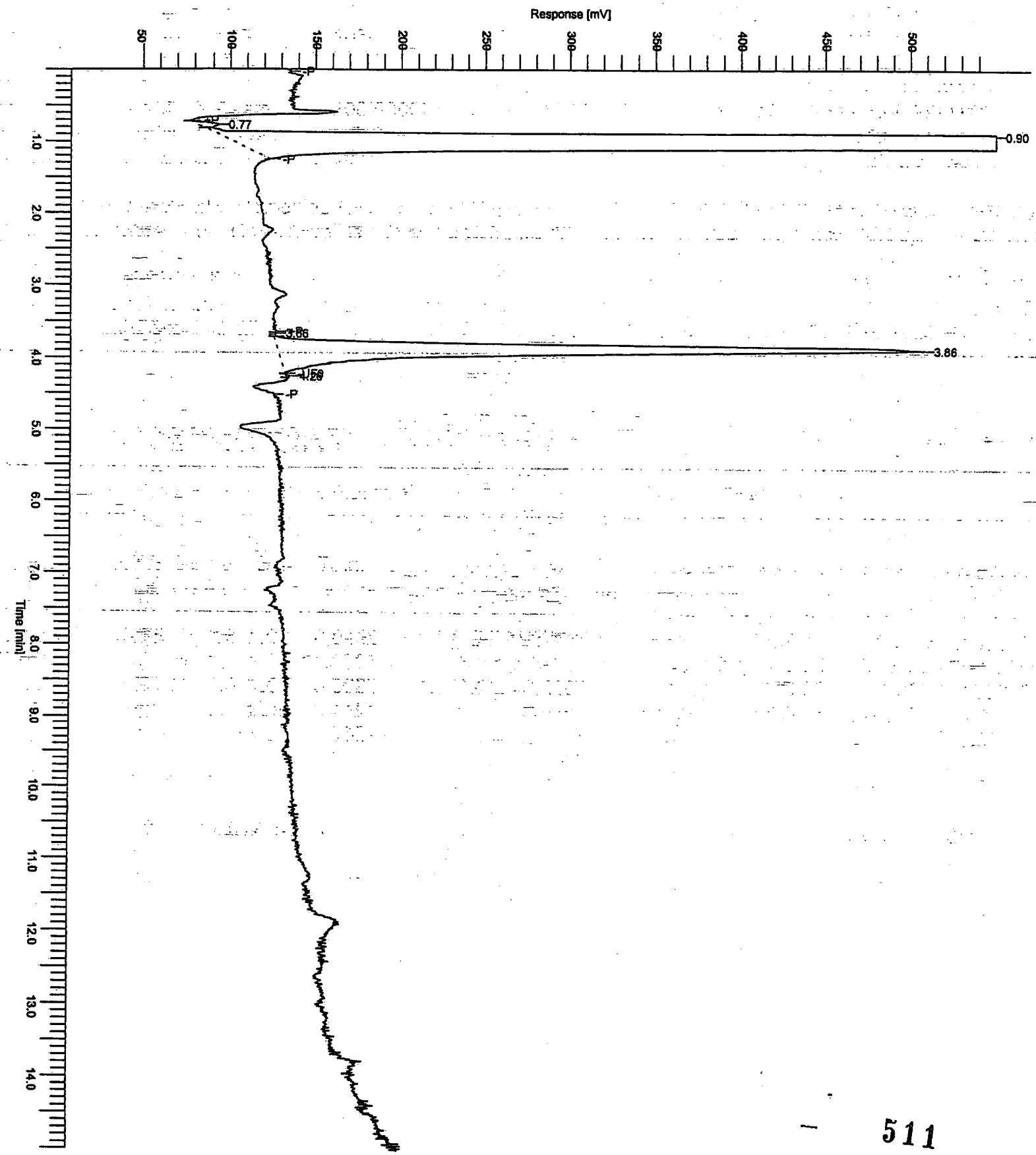
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 41890 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0419 |
| | 0.90 | 11970598 | 1000000 | 11.97 | 1.0 | 1.00 | 11.9706 |
| | 3.66 | 295 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0003 |
| PERC → | 3.86 | 3445438 | 1000000 | 3.45 | 1.0 | 1.00 | 3.4454 |
| | 4.26 | 2862 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0029 |
| | | 15461083 | | | | | |

3445438 - 46731
3398707

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A014.TX0

# Chromatogram

Sample Name : IH12605 1:201:6 Sample #: 14 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A014.raw
Date : 2/26/02 5:40:25 PM
Method : hp10aperc311-9.mth Time of Injection: 2/25/02 9:23:50 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:41:22 PM |
| Operator | : manager | Sample Name | : IH12605 1:201:2 |
| Sample Number | : 15 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/12 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 9:44:46 PM | Cycle | : 15 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A015.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A015.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 42489 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0425 |
| | 0.90 | 11684295 | 1000000 | 11.68 | 1.0 | 1.00 | 11.6843 |
| PERC → | 3.86 | 8476787 | 1000000 | 8.48 | 1.0 | 1.00 | 8.4768 |
| | 4.25 | 189853 | 1000000 | 0.19 | 1.0 | 1.00 | 0.1899 |
| | 4.29 | 56448 | 1000000 | 0.06 | 1.0 | 1.00 | 0.0564 |
| | 4.32 | 69224 | 1000000 | 0.07 | 1.0 | 1.00 | 0.0692 |
| | 4.45 | 1233 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0012 |
| | 4.48 | 1397 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0014 |
| | | 20521725 | | | | | |

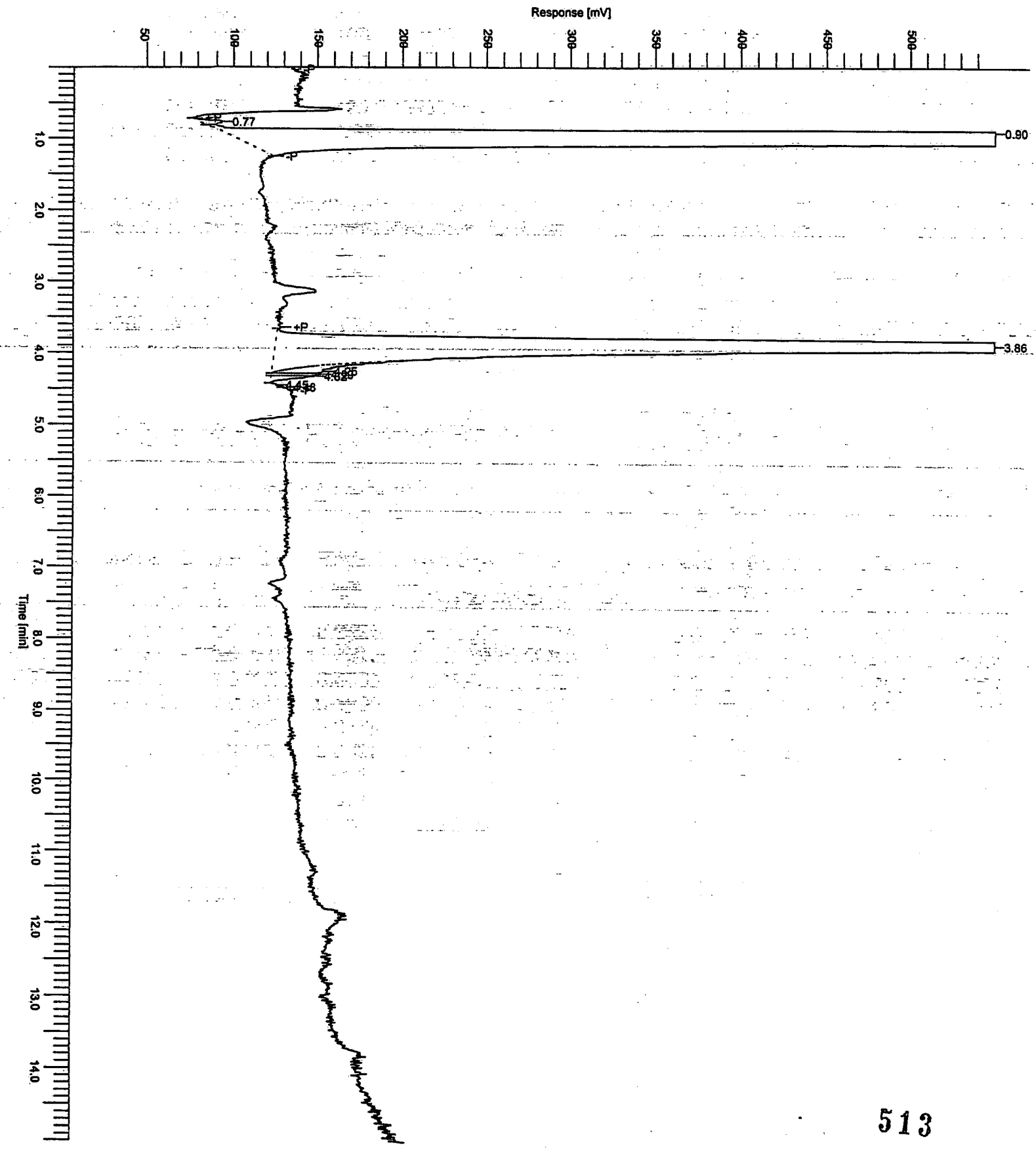
8476787-46731

8430056

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A015.TX0

# Chromatogram

Sample Name : IH12605 1:201:2 Sample #: 15 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-1 0a\022502A015.raw
Date : 2/26/02 5:41:27 PM
Method : hp10aperc311-9.mth Time of Injection: 2/25/02 9:44:46 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:05:26 PM |
| Operator | : manager | Sample Name | : IH12605 1:201:LO |
| Sample Number | : 16 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/13 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 10:05:42 PM | Cycle | : 16 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A016.raw <Modified>
Result File : C:\PenExe\TcWS\HP-10A\022502A016.rst
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\HP-10A\022502A016.rst
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

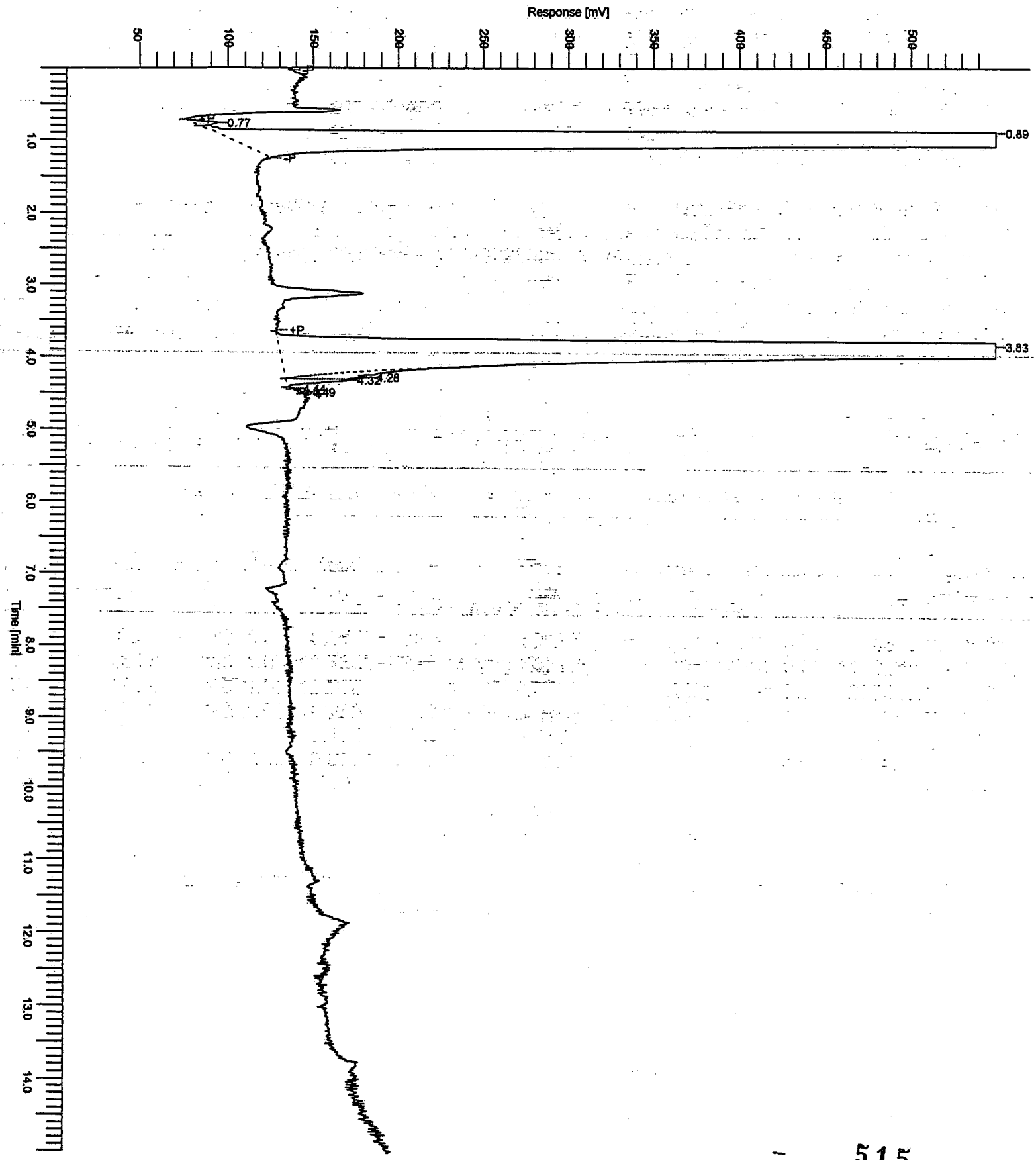
| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 43659 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0437 |
| | 0.89 | 11730241 | 1000000 | 11.73 | 1.0 | 1.00 | 11.7302 |
| PERC → | 3.83 | 12376400 | 1000000 | 12.38 | 1.0 | 1.00 | 12.3764 |
| | 4.28 | 253040 | 1000000 | 0.25 | 1.0 | 1.00 | 0.2530 |
| | 4.32 | 115431 | 1000000 | 0.12 | 1.0 | 1.00 | 0.1154 |
| | 4.44 | 2087 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0021 |
| | 4.49 | 6060 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0061 |
| | | 24526917 | | | | | |

12376400 − 46731
12329669

Report stored in ASCII file: C:\PenExe\TcWS\HP-10A\022502A016.TX0

# Chromatogram

Sample Name : IH12605 1:201:LO Sample #: 16 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-1 0a\022502A016.raw
Date : 2/26/02 5:05:30 PM
Method : hp10aperc311-9 Time of Injection: 2/25/02 10:05:42 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 5:59:27 PM |
| Operator | : manager | Sample Name | : PERC BLANK |
| Sample Number | : 17 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/1 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 10:26:53 PM | Cycle | : 17 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A017.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A017.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

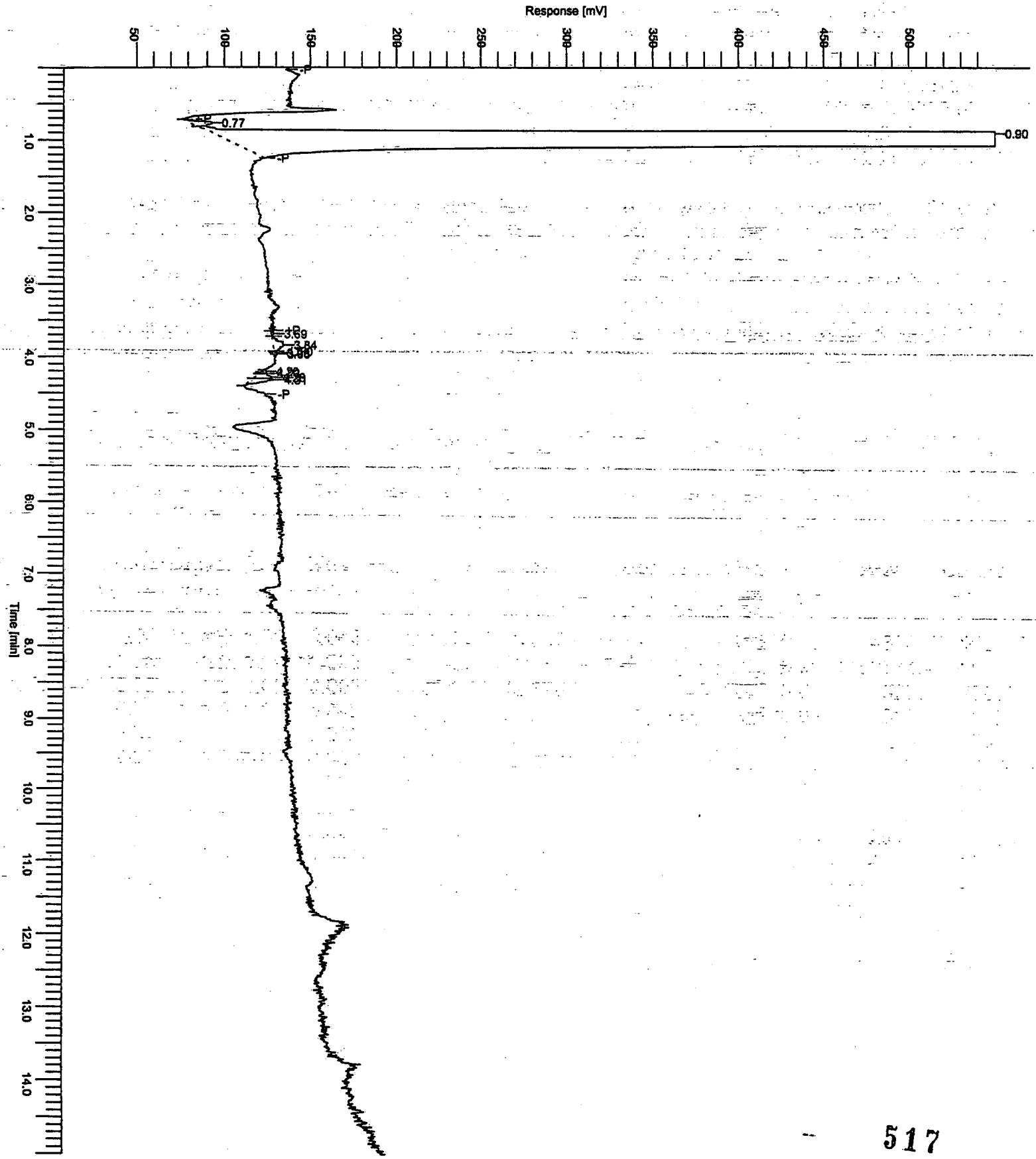
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 43383 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0434 |
| | 0.90 | 11626742 | 1000000 | 11.63 | 1.0 | 1.00 | 11.6267 |
| | 3.69 | 3775 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0038 |
| PERC → | 3.84 | 42124 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0421 |
| | 3.95 | 889 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0009 |
| | 3.96 | 690 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0007 |
| | 4.20 | 2653 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0027 |
| | 4.23 | 4128 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0041 |
| | 4.28 | 29432 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0294 |
| | 4.31 | 41421 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0414 |
| | | 11795236 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A017.TX0

# Chromatogram

Sample Name : PERC BLANK  Sample #: 17  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-1 0a\022502A017.raw
Date : 2/26/02 5:59:32 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/25/02 10:26:53 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/26/02 6:00:29 PM |
| Operator | : manager | Sample Name | : PERC BLANK |
| Sample Number | : 18 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/1 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/25/02 10:48:03 PM | Cycle | : 18 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A018.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A018.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

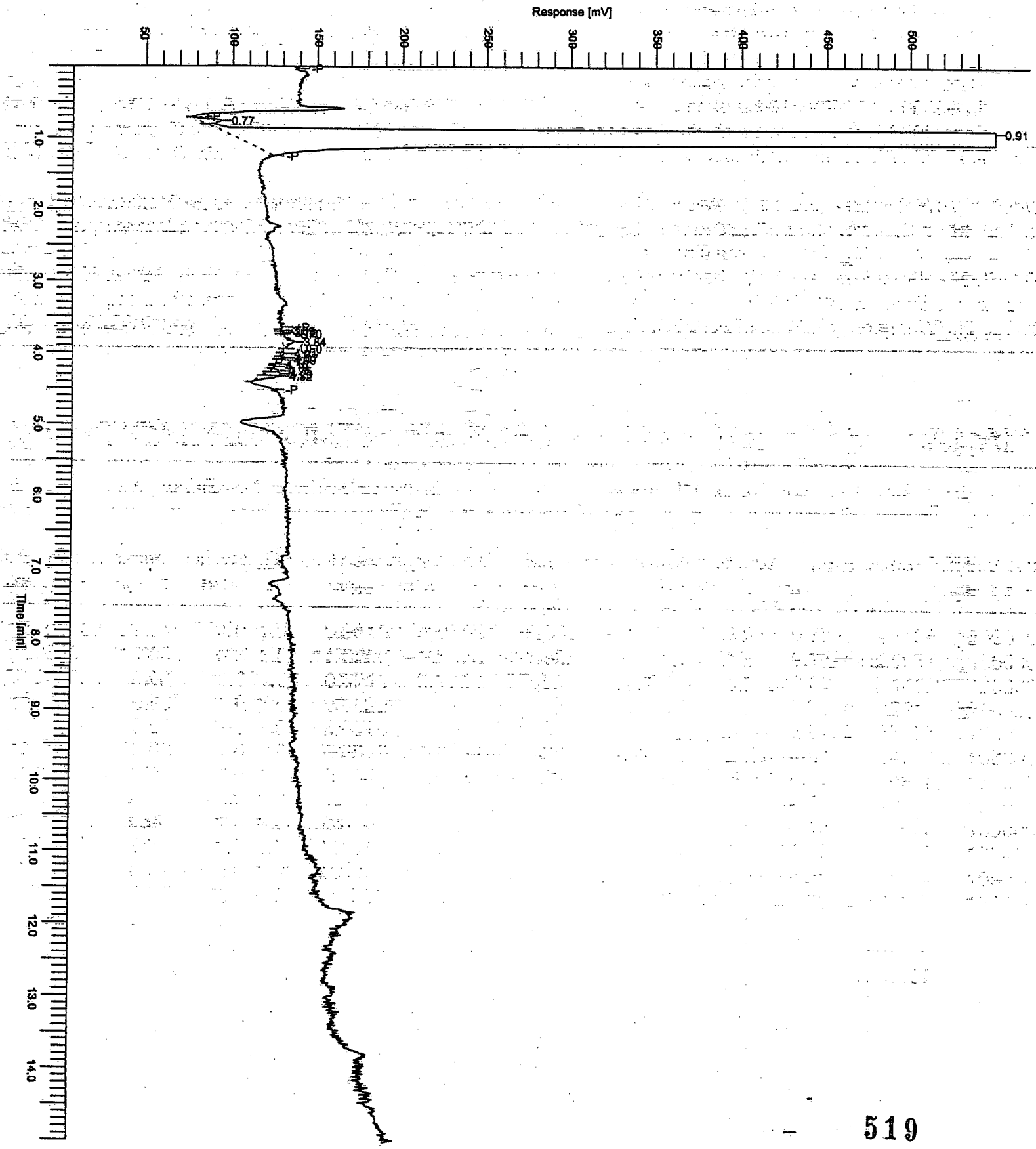
ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 41498 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0415 |
| | 0.91 | 11625037 | 1000000 | 11.63 | 1.0 | 1.00 | 11.6250 |
| | 3.69 | 1457 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0015 |
| | 3.72 | 2213 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0022 |
| PERC → | 3.84 | 37025 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0370 |
| | 4.01 | 4918 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0049 |
| | 4.07 | 4934 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0049 |
| | 4.09 | 10427 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0104 |
| | 4.16 | 475 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0005 |
| | 4.19 | 1315 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0013 |
| | 4.25 | 8494 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0085 |
| | 4.29 | 25127 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0251 |
| | 4.32 | 30237 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0302 |
| | | 11793158 | | | | | |

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A018.TX0

# Chromatogram

Sample Name : PERC BLANK  Sample #: 18  Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A018.raw
Date : 2/26/02 6:00:33 PM
Method : hp10aperc311-9.mth  Time of Injection: 2/25/02 10:48:03 PM
Start Time : 0.00 min  End Time : 15.00 min  Low Point : 50.00 mV  High Point : 550.00 mV
Plot Offset: 50.00 mV  Plot Scale: 500.0 mV



# BLANK SPIKE

# BLANK SPIKE DUPLICATE

# DATA

# GC ECD

| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 1:35:22 PM |
| Operator | : manager | Sample Name | : WG39545-10,IH12606,8040 |
| Sample Number | : 63 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/58 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 2:33:12 PM | Cycle | : 63 |

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A063.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A063.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

PERC 4706

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

expected = 0.585

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 43419 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0434 |
| | 0.89 | 11567354 | 1000000 | 11.57 | 1.0 | 1.00 | 11.5674 |
| PERC → | 3.83 | 506276 | ~~1000000~~ | 0.51 | 1.0 | 1.00 | ~~0.5063~~ |
| | 4.02 | 2765 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0028 |
| | 4.07 | 8369 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0084 |
| | 4.18 | 2672 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0027 |
| | 4.23 | 22535 | 1000000 | 0.02 | 1.0 | 1.00 | 0.0225 |
| | 4.28 | 61969 | 1000000 | 0.06 | 1.0 | 1.00 | 0.0620 |
| | 4.44 | 3498 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0035 |
| | | 12218857 | | | | | |

506276 - 46731

459545

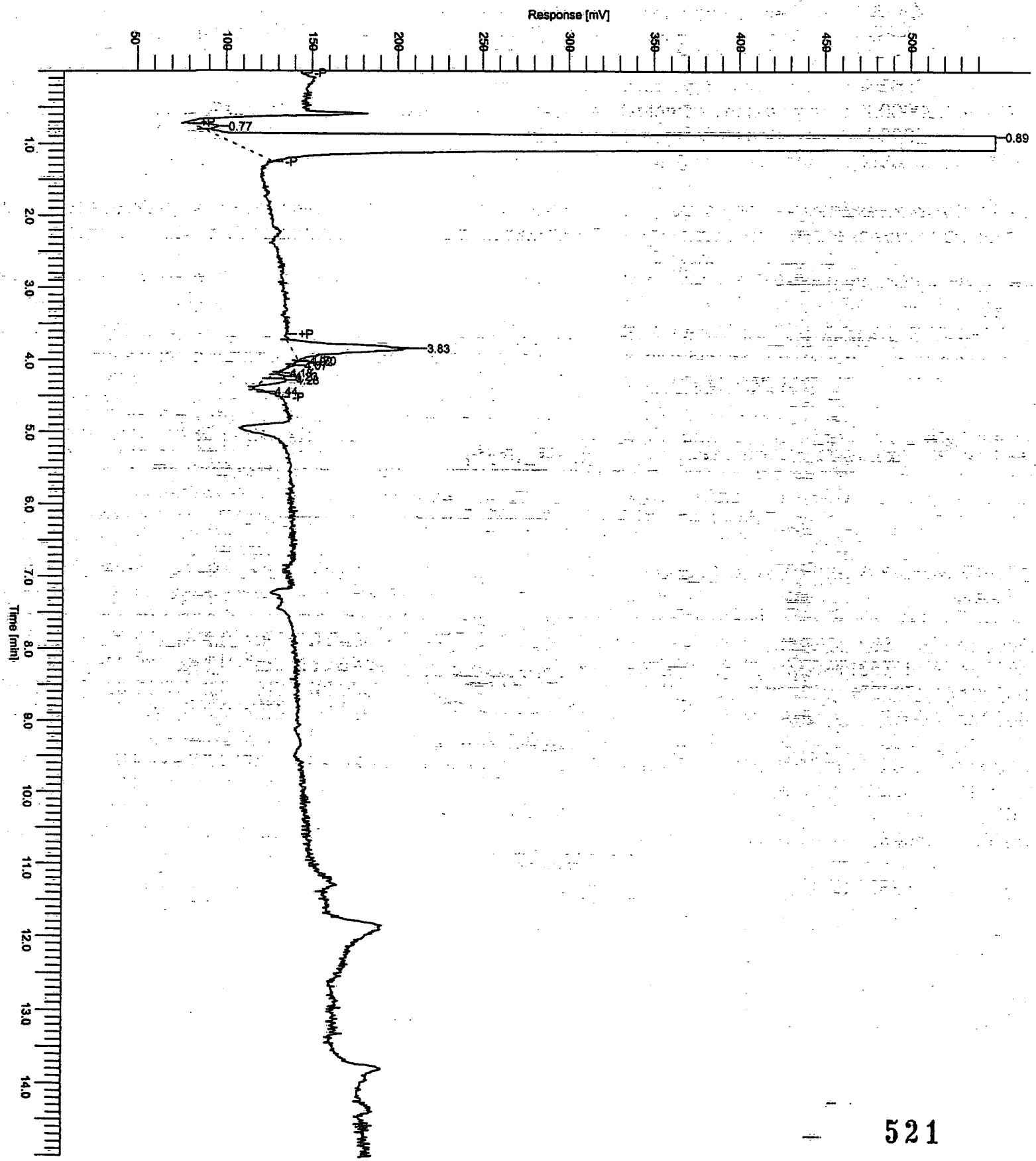
RF = 917933
DE = 100
conc = 0.5006

85.67% rec

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A063.TX0

# Chromatogram

Sample Name : WG39545-10,IH12-606,8040 Sample #: 63 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A063.raw
Date : 2/27/02 1:35:26 PM
Method : hp10aperc311-9.mth Time of Injection: 2/26/02 2:33:12 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



| | | | |
|---|---|---|---|
| Software Version | : 6.1.2.0.1:D19 | Date | : 2/27/02 12:35:39 PM |
| Operator | : manager | Sample Name | : WG39545-11,IH12606,8040 |
| Sample Number | : 64 | Study | : |
| AutoSampler | : HP7673A | Rack/Vial | : 1/58 |
| Instrument Name | : HP-10 | Channel | : A |
| Instrument Serial # | : None | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 14.99 min |
| Sampling Rate | : 2.5000 pts/s | | |
| Volume Injected | : 1.000000 µL | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 2/26/02 2:54:04 PM | Cycle | : 64 |

BSD

Raw Data File : C:\PenExe\TcWS\Hp-10a\022502A064.raw <Modified>
Inst Method : c:\penexe\tcws\hp-10a\hp10aperc311-9 from C:\PenExe\TcWS\Hp-10a\022502A064.raw <Modified>
Proc Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Calib Method : c:\penexe\tcws\hp-10a\hp10aperc311-9.mth
Sequence File : C:\PenExe\TcWS\Hp-10a\022502.seq

# ANALYTICAL REPORT

PERC 4706

ANALYTICAL METHOD:_____ Column: RTX-1 30M X 0.53mm ID

expected = 0.585

| Component Name | Ret.time [min] | Area | Calibration Response | Conc. ug/mL | DE.vol mL | DF | Total ug |
|---|---|---|---|---|---|---|---|
| | 0.77 | 44266 | 1000000 | 0.04 | 1.0 | 1.00 | 0.0443 |
| | 0.89 | 11784728 | 1000000 | 11.78 | 1.0 | 1.00 | 11.7847 |
| PERC → | 3.83 | 503309 | 1000000 | 0.50 | 1.0 | 1.00 | ~~0.5033~~ |
| | 4.03 | 11172 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0112 |
| | 4.19 | 2201 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0022 |
| | 4.21 | 12244 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0122 |
| | 4.27 | 34416 | 1000000 | 0.03 | 1.0 | 1.00 | 0.0344 |
| | 4.29 | 50604 | 1000000 | 0.05 | 1.0 | 1.00 | 0.0506 |
| | 4.42 | 2047 | 1000000 | 0.00 | 1.0 | 1.00 | 0.0020 |
| | 4.47 | 5132 | 1000000 | 0.01 | 1.0 | 1.00 | 0.0051 |
| | | 12450119 | | | | | |

503309 - 46731

456578

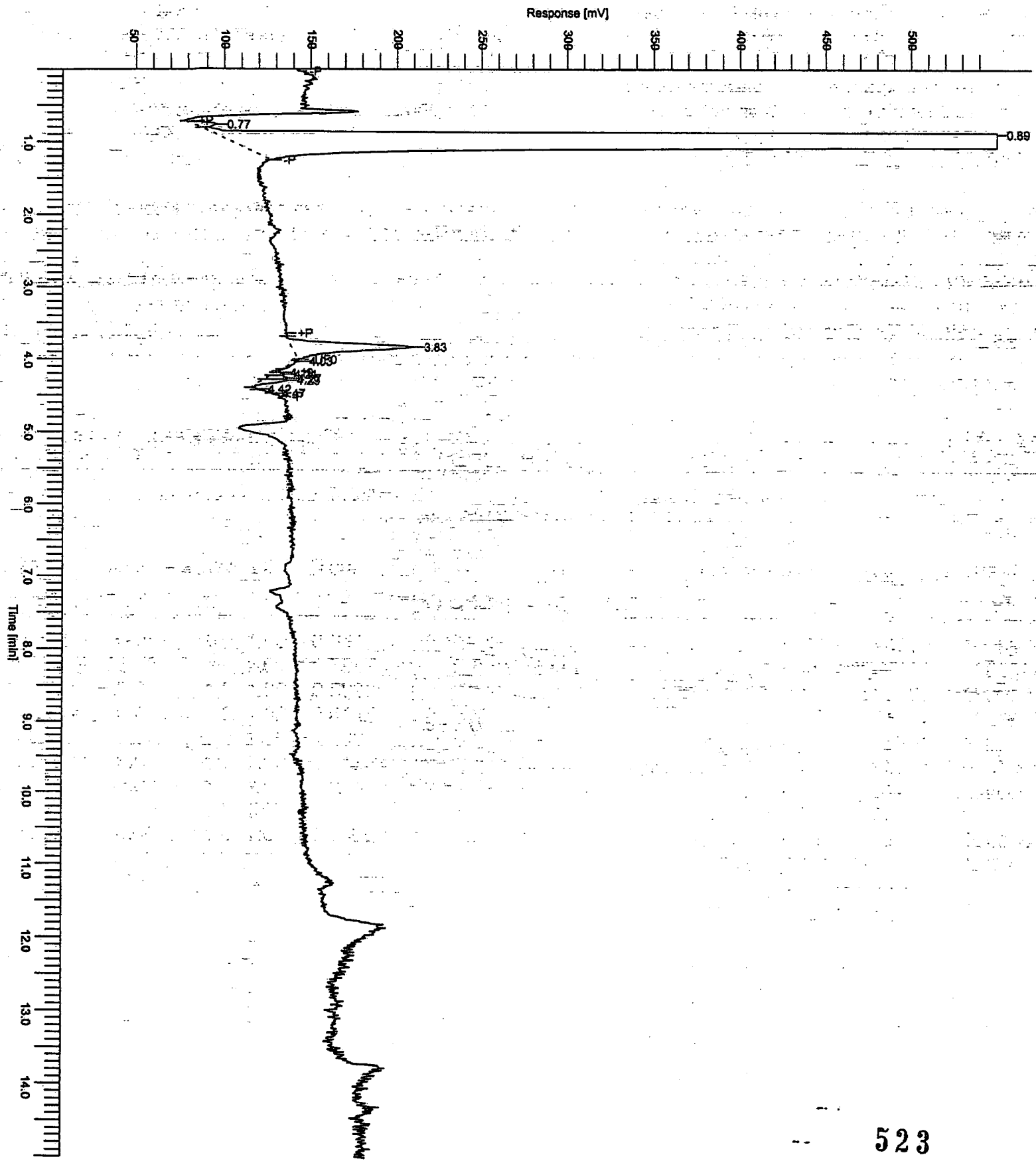
RF = 917933
DE = 100
conc = 0.497/1.00 = 0.497

85% rec

Report stored in ASCII file: C:\PenExe\TcWS\Hp-10a\022502A064.TX0

# Chromatogram

Sample Name : WG39545-11,IH12606,8040 Sample #: 64 Page 1 of 1
FileName : C:\PenExe\TcWS\Hp-10a\022502A064.raw
Date : 2/27/02 12:35:43 PM
Method : hp10aperc311-9.mth Time of Injection: 2/26/02 2:54:04 PM
Start Time : 0.00 min End Time : 15.00 min Low Point : 50.00 mV High Point : 550.00 mV
Plot Offset: 50.00 mV Plot Scale: 500.0 mV



GALSON LABORATORIES

IH STANDARDS LOG

| STANDARD NUMBER | DATE | TECH | ANALYTES | WEIGHT (GM.) | SOURCE | LOT NUMBER (Location) | |
|---|---|---|---|---|---|---|---|
| 8886 | 7/14/99 | JSG | CS2 | 1.2638 | | | |
| | | | Acetone | .0238 | | | |
| | | | MECL2 | .0407 | | | |
| | | | MEK | .0249 | STOCK: | 18537 | |
| | | | NHX | .0199 | | LO: | 1685 |
| | | | MC | .0414 | | | |
| | | | BZ | .0264 | | | |
| | | | TCLETE | .0440 | | | |
| | | | MERK | .0242 | | | |
| | | | TL | .0268 | | | |
| | | | TETCLETE | .0493 | | | |
| | | | ETBZ | .0268 | | | |
| | | | O-Xy | .0268 | | | |
| | | | P-Xy | .0256 | | | |
| | | | m-Xy | .0257 | | | |
| | | | NAP | .0024 | | | |
| 8887 | 7/15/99 | JSG | CS2 | 1.2315 | | | |
| | | | ETACT | .0027 | Aldrich | KR 001388 | 10A |
| | | | CYHXONE | .0029 | " | BS04910PA | 11A |
| | | | NAP | .0024 | Aldrich | 03 110TF | 15H |
| 8888 | 7/15/99 | JSG | CS2 | 1.2653 | | | |
| | | | ETACT | .0026 | | | |
| | | | CYHXONE | .0029 | | | |
| | | | NAP | .6040 | | | |
| 8889 | 7/15/99 | JK | CS2 | 1.2585 | | | |
| | | | 1,2 DICHLOROETHANE | 0.0037 | MCB | | 4B |
| 8890 | 7/15/99 | CAC | ETACT | .8909 | | | |
| | | | NICOTINE | .0029 | Aldrich | 05221MS | 23B |
| 8891 | 7/15/99 | he | etact | .8884 | | | |
| | | | NICOTINE | .0029 | Aldrich | 05221MS | 23B |

GALSON LABORATORIES IH STANDARDS LOG

| STANDARD NUMBER | DATE | TECH | ANALYTES | WEIGHT (GM.) | SOURCE | LOT NUMBER | Location |
|---|---|---|---|---|---|---|---|
| 8523 cont | | | OC | .0214 | Aldrich | A0042135F | 10H |
| | | | NBUACT | .0275 | Fish 11 | 0045STQ | 9C |
| | | | ETBZ | .0273 | Aldrich | 02954111E | 8B |
| | | | CYHXONE | .0287 | Aldrich | BS04[illegible] | 11B |
| | | | MDCLBZ | .0397 | | | 14C |
| | | | PDCLBZ | .0332 | Aldrich | 5311674 | 14G |
| | | | ODCLBZ | .0396 | 11 | 94 | 12C |
| | | | CYHX | .0238 | | | |
| | | | BZ | .0274 | Fisher | 735955 | 16E |
| 8524 | 4/20/99 | JSG | CS2 | 10mL | | | |
| | | | AT | .0239 | Fisher | 953575 | 7G |
| | | | 11CCLET | .0357 | Aldrich | 102057 | 3G |
| | | | CLF | .0455 | Fisher | 361048 | 3B |
| | | | MPK | .0247 | | | 14F |
| | | | NPRACT | .0274 | Aldrich | 014031[illegible] | 8D |
| | | | TL | .0271 | " | 07117[illegible] | 9F |
| | | | TETCLETE | .0502 | " | 06249EG | 1C |
| | | | OXY | .0271 | " | 06335CN | [illegible] |
| | | | MXY | .0266 | " | 1130EPT | 9E |
| | | | PXY | .0262 | " | 03903EM | 9H |
| | | | AMESTY | .0284 | " | 1017PH | 7D |
| | | | CCL4 | .0485 | Fisher | 700766 | 1F |
| 8525 | 4/20/99 | LL | CS2 | 1.2582 | | | |
| | | | ETOH | .0025 | Mallinckrodt | 7018KMBE | 7C |
| 8526 | 4/21/99 | JSG | CS2 | 1.2624 | | | |
| | | | NBUACT | .0026 | Aldrich | 0045STQ | 9C |
| 8527 | 4/21/99 | JE | $H_2O$ | 1.0000 | | | |
| | | | MeOH | 0.0013 | | | 7E |
| | | | EtOH | 0.0020 | | | 7E |
| | | | Acetone | 0.0014 | | | 7G |

Page _____

# IHGC STANDARD PREP LOG

| STD NUMBER | DATE | ANALYST | ANALYTE | WEIGHT(g) | CONC. (ug/ml) | STOCK # | BIN # |
|---|---|---|---|---|---|---|---|
| 1H13362 | 2/25/02 | JK | $CS_2$ | 1.2654 | | | |
| | | | BZ | 0.0027 | 2634 | | 10E |
| | | | ETBZ | 0.0028 | 2732 | | 8B |
| | | | NAP | 0.0026 | 2537 | | 15H |
| | | | TCLETE | 0.0043 | 4195 | | 1B |
| | | | TL | 0.0027 | 2634 | | 9F |
| | | | VNTL | 0.0028 | 2732 | | hood |
| | | | MXY | 0.0027 | 2634 | | 9E |
| | | | OXY | 0.0028 | 2732 | | 8G |
| | | | PXY | 0.0027 | 2634 | | 9H |
| | | | XY | 0.0082 | 8000 | | |
| 1H13363 | 2/25/02 | JK | $CS_2$ | 1.2648 | | | |
| Curve | | | VNTL | 0.0028 | 2783 | | |
| 1H13364 | 2/25/02 | JK | $CS_2$ | 1.2651 | | | |
| | | | AMEST4 | 0.0028 | 2770 | | 7D |
| | | | CUME | 0.0028 | 2770 | | 2C |
| | | | STY | 0.0028 | 2770 | | 9D |

**Conc(ug/ml) = (wgt of analyte in grams * 1000000)/(total wgt in grams/density of solvent)

# IHGC STANDARD PREP LOG

| STD NUMBER | DATE | ANALYST | ANALYTE | WEIGHT(g) | CONC. (ug/ml) | STOCK # | BIN # |
|---|---|---|---|---|---|---|---|
| 1H12890 | 11/8/01 | SF | CS2 | 1.2521 | | | |
| | | | Turp | .0026 | 2611 | | |
| 1H12892 | 11/9/01 | SF | H2O | .9960 | | | |
| | | | MeOH | .0024 | 2404 | | |
| 1H12895 | 11/9/01 | SK | CS2 | 1.2604 | | | |
| curve | | | STY | 00029 | 2892 | | |
| 1H12897 | 11/12/01 | SF | CS2 | 1.2582 | | | 9D |
| | | | ETACT | .0027 | 2698 | | |
| 1H12898 | 11/12/01 | SF | CS2 | 1.2710 | | | |
| | | | cis 12Dclete | .0039 | 3843 | | |
| | | | trans 12Dclete | .0038 | 3744 | | |
| 1H12899 | 11/12/01 | LL | CS2 | 1.2646 | | | |
| | | | ETOH | .0025 | 2481 | | |
| | | | IPROH | .0025 | 2481 | | |
| 1H12903 | 11/13/01 | LL | 5% MeOH MeCl2 | 1.2927 | | | |
| | | | PGMMEACT | .0030 | 3000 | | 10B |
| | | | BUCEL | .0029 | 2900 | | 1H |

**Conc(ug/ml) = (wgt of analyte in grams * 1000000)/(total wgt in grams/density of solvent)

# IHGC STANDARD PREP LOG

| STD NUMBER | DATE | ANALYST | ANALYTE | WEIGHT(g) | CONC. (ug/ml) | STOCK # | BIN # |
|---|---|---|---|---|---|---|---|
| IH12999 | 12/11/01 | SF | CS2 | 1.2576 | | | |
| | | | CLBZ | .0033 | 3298 | | |
| IH13304 | 12/11/01 | PR | CS2 | 1.2668 | | | |
| | | | CIS-1,2DCLETE | .0038 | 3757 | | 12C |
| | | | TRANS-1,2DCLETE | .0037 | 3658 | | 19F |
| IH13005 | 12/11/01 | PR | CS2 | 1.2581 | | | |
| | | | CCL4 | .0048 | 4676 | | 7F |
| | | | CLF | .0044 | 4286 | | 3B |
| | | | MC | .0039 | 3799 | | 9B |
| | | | ODCLBZ | .0040 | 3896 | | 12D |
| | | | PDCLBZ | .0035 | 3409 | | 14G |
| | | | CLBZ | .0033 | 3215 | | 14B |
| | | | 112TCLET | .0042 | 4091 | | 12G |
| | | | 11DCLET | .0035 | 3409 | | 3G |
| | | | 12DCLET | .0038 | 3702 | | 4B |
| | | | | | | | |
| | | | | | | | |

**Conc(ug/ml) = (wgt of analyte in grams * 1000000)/(total wgt in grams/density of solvent)

# IHGC STANDARD PREP LOG

| STD NUMBER | DATE | ANALYST | ANALYTE | WEIGHT(g) | CONC. (ug/ml) | STOCK # | BIN # |
|---|---|---|---|---|---|---|---|
| 1H12434 | 7/24/01 | SF | CS2 | 1.263 | | | |
| | | | 123TCLPRP | .0042 | 4111 | | |
| | | | BRDF | .0081 | 7928 | | |
| | | | BZCl | .0034 | 3328 | | |
| | | | ClBRmet | .0055 | 5383 | | |
| | | | HXclota | .0032 | 3132 | | |
| 1H12435 | 7/24/01 | JK | TL | 0.8501 | | | |
| | | | DIOCTPH | 0.0029 | 2944 | | |
| 1H12436 | 7/25/01 | JK | MeCl2 | 1.2985 | | | 1C |
| | | | BUCEL | 0.0029 | 2953 | | |
| 1H12437 | 7/25/01 | JK | TL | 0.8569 | | | 1H |
| | | | MEMACRT | 0.0029 | 2921 | | |
| 1H12438 | 7/25/01 | JK | TL | 0.8687 | | | 4C |
| | | | DBUPH | 0.0030 | 2980 | | |
| 1H12439 | 7/25/01 | JK | MeOH | 0.7807 | | | SC#3 |
| | | | TRIETGOL | 0.0034 | 3411 | | |
| | | | | | | | 20C |

**Conc(ug/ml) = (wgt of analyte in grams * 1000000)/(total wgt in grams/density of solvent)

# IHGC STANDARD PREP LOG

| STD NUMBER | DATE | ANALYST | ANALYTE | WEIGHT(g) | CONC. (ug/ml) | STOCK # | BIN # |
|---|---|---|---|---|---|---|---|
| 1H12599 | 8/30/01 | JK | $CS_2$ | 1.2673 | | | |
| | | | L74139-15 | 0.0026 | 2580 | | |
| 1H12600 | 8/30/01 | JK | $CS_2$ | 1.2703 | | | |
| | | | MeCyHx | 0.0022 | 2178 | | 1H |
| 1H12601 | 8/31/01 | JK | $CS_2$ | 1.2800 | | | |
| | | | N BuOH ~~EtOH~~ ~~MeOH~~ | .0025 | 2456 | | 1D |
| 1H12602 | 8/31/01 | JK | $CS_2$ | 1.2683 | | | |
| | | | TETCLEA | 0.0049 | 4849 | | |
| 1H12603 | 8/31/01 | JK | $CS_2$ | 1.2707 | | | |
| | | | TETCLEA | 0.0048 | 4742 | | |
| 1H12604 | 9/2/01 | JK | ETACT | 0.9131 | | | |
| | | | ETE | 0.0022 | 2158 | | 10F |
| 1H12605 | 9/4/01 | JK | $CS_2$ | 1.2492 | | | |
| | | | TETCLETE | .0044 | 4421 | | 1C |
| 1H12606 | 9/4/01 | JK | $CS_2$ | 1.2537 | | | |
| | | | TETCLETE | .0047 | 4706 | | 1C |
| | | | | | | | |

**Conc(ug/ml) = (wgt of analyte in grams * 1000000)/(total wgt in grams/density of solvent)

STANDARDS

Lot # IH12898

Preparation 11/12/01 Expires 05/12/02

Made By SF

Description IH12898

Tare Balance | Read Balance

| | Inventory Ref. # | Parameter | % Purity | Weight/Vol (g/ml) | Corrected Weight | Conc. (ug/ml) |
|---|---|---|---|---|---|---|
| Solvent | | CS2 | 100 | 1.271 | 1.271 | |
| Compounds | | IG-CIS12DCLETE | 100 | .0039 | .0039 | 3843 |
| | | IG-TRANS12DCLETE | 100 | .0038 | .0038 | 3744 |
| | | | | | | |
| | | | | | | |
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| | | | | | | |

Solvent Density 1.26

Calc. Volume / Enter Volume

Total Vol 1.01484126 ml

Total Wt 1.2787 g

Automatic READ / TARE and READ / READ only

Print Label For Standard

Solvents | New Lot | Save/Close | Close

STANDARDS

Lot # IH13005

Prepared 12/11/01 Exp'n Dt 06/11/02

Made By BJC

Description

| | Inventory Item # | Parameter | Purity | Weight (mg/ml) | Corrected Weight | Conc (mg/ml) |
|---|---|---|---|---|---|---|
| Solvent | | CS2 | 100 | 1.2581 | 1.2581 | |
| Compounds | | IG-CCL4 | 100 | .0048 | .0048 | 4676 |
| | | IG-CLF | 100 | .0044 | .0044 | 4286 |
| | | IG-MC | 100 | .0039 | .0039 | 3799 |
| | | IG-ODCLBZ | 100 | .004 | .004 | 3896 |
| | | IG-PDCLBZ | 100 | .0035 | .0035 | 3409 |
| | | IG-CLBZ | 100 | .0033 | .0033 | 3215 |
| | | IG-112TCLET | 100 | .0042 | .0042 | 4091 |

Solvent Density 1.26

Calc. Volume

Enter Volume

Total Vol 1.02658730 ml

Total Wt 1.2935 g

Automatic READ

TARE and READ

READ only

Print Label For Standard

Solvents

New Std

Save Data

Close

STANDARDS

Lot # IH13005

Prepared 12/11/01 Expires 06/11/02

Made By BJC

Description

Tare Balance | Read Balance

| | Inventory Ref. # | Parameter | % Purity | Weight/Vol Corrected (g/ml) | Weight | Conc. (ng/ml) |
|---|---|---|---|---|---|---|
| Solvent | | IG-CLF | 100 | .0044 | .0044 | 4286 |
| Compounds | | IG-MC | 100 | .0039 | .0039 | 3799 |
| | | IG-QDCLBZ | 100 | .004 | .004 | 3896 |
| | | IG-PDCLBZ | 100 | .0035 | .0035 | 3409 |
| | | IG-CLBZ | 100 | .0033 | .0033 | 3215 |
| | | IG-112TCLET | 100 | .0042 | .0042 | 4091 |
| | | IG-1HDCLET | 100 | .0035 | .0035 | 3409 |
| | | IG-12DCLET | 100 | .0039 | .0039 | 3797 |

Solvent Density 1.26

Calc. Volume

Enter Volume

Total Vol 1.02658730 ml

Total Wt 1.2935 g

Automatic READ

STAND and READ

READ only

Print Label For Standard

Solvents | New Lot | Save/Calc | Close

STANDARDS

Lot # IH13364
Prepdate 02/25/02 Expires 08/25/02
Made By JK
Description

Tare Balance | Read Balance

| | Inventory Del. ID | Parameter | % Purity | Weight/Vol Corrected (gr/ml) | Weight | Conc. (ug/ml) |
|---|---|---|---|---|---|---|
| Solvents | | CS2 | 100 | 1.2651 | 1.2651 | |
| Compounds | | IG-AMEST4 | 100 | .0028 | .0028 | 2770 |
| | | IG-CUME | 100 | .0028 | .0028 | 2770 |
| | | IG-STY | 100 | .0028 | .0028 | 2770 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Solvent Density: 1.26
Calc. Volume / Enter Volume
Total Vol: 1.01071428 ml.
Total Wt: 1.2735 g

Automatic READ | TARE and READ | READ only

Print Label for Standard | Solvents | New Lot | Save/Calc | Close

STANDARDS

Lot # IH12434

Prepdate 07/24/01 Expires 01/24/02

Made By SF

Description IH12434

Tare Balance | Read Balance

| | Inventory Ref # | Parameter | % Purity | Weight/Vol(Corrected) (g/ml) | Weight | Conc (ug/ml) |
|---|---|---|---|---|---|---|
| Solvent | | CS2 | 100 | 1.263 | 1.263 | |
| Compounds | | IG-123TCLPRP | 100 | .0042 | .0042 | 4111 |
| | | IG-BROF | 100 | .0081 | .0081 | 7928 |
| | | IG-BZCL | 100 | .0034 | .0034 | 3328 |
| | | IG-CLBRMET | 100 | .0055 | .0055 | 5383 |
| | | IG-HXCLETA | 100 | .0032 | .0032 | 3132 |
| | | | | | | |
| | | | | | | |

Solvent Density 1.26

Calc. Volume / Enter Volume

Total Vol. 1.02174603 ml. Total Wt. 1.2874 g

Automatic READ / TARE and READ / READ only

Print Label For Standard

Solvents | New Lot | Save/Calc | Close

STANDARDS

Lot # IHI3362

Prepdate 02/25/02 Expires 08/25/02

Made By JK

Description

Tare Balance | Read Balance

| | Inventory Pat. # | Parameter | % Purity | Weight/Vol (g/ml) | Converted Weight | Conc. (ug/ml) |
|---|---|---|---|---|---|---|
| Solvent | | CS2 | 100 | 1.2654 | 1.2654 | |
| Compounds | | IG-BZ | 100 | .0027 | .0027 | 2634 |
| | | IG-ETBZ | 100 | .0028 | .0028 | 2732 |
| | | IG-NAP | 100 | .0026 | .0026 | 2537 |
| | | IG-TCLETE | 100 | .0043 | .0043 | 4195 |
| | | IG-TL | 100 | .0027 | .0027 | 2634 |
| | | IG-VNTL | 100 | .0028 | .0028 | 2732 |
| | | IG-MXY | 100 | .0027 | .0027 | 2634 |

Solvent's Density 1.26

Calc. Volume

Enter Volume

Total Vol. 1.025 ml

Total Wt. 1.2915 g

Automatic READ | TARE and READ | READ only

Print Label For Standard

Solvents | New Lot | Save/Close | Close

STANDARDS

Lot # IH13362

Prepared 02/25/02 Expires 08/25/02

Made By JK

Description

New Balance | Read Balance

| | Inventory Ref # | Parameter | % Purity | Weight/Vol Concentrated (g/ml) | Weight/Vol (g/ml) | Conc. (ug/ml) |
|---|---|---|---|---|---|---|
| Solvent | | IG-NAP | 100 | .0026 | .0026 | 2537 |
| Compounds | | IG-TCLETE | 100 | .0043 | .0043 | 4195 |
| | | IG-TL | 100 | .0027 | .0027 | 2634 |
| | | IG-VNTL | 100 | .0028 | .0028 | 2732 |
| | | IG-MXY | 100 | .0027 | .0027 | 2634 |
| | | IG-OXY | 100 | .0028 | .0028 | 2732 |
| | | IG-PXY | 100 | .0027 | .0027 | 2634 |
| | | IG-XY | | | | |

Solvent Density 1.26

Calc. Volume / Enter Volume

Total Vol 1.025 ml

Total Wt 1.2915 g

AUTOMATIC READ | TARE and READ | READ only

Print Label for Standard

Solvents | New Lot | Save/Close | Close

STANDARDS

Lot # IH12605

Prepdate 09/04/01 Expires 03/04/02

Made By BJC

Description

Tare Balance | Read Balance

| | Inventory Ref # | Parameter | % Purity | Weight Vol/Mol | Corrected Weight | Conc. (g/ml) |
|---|---|---|---|---|---|---|
| Solvent | | CS2 | 100 | 1.2497 | 1.2497 | |
| Compounds | | IG-TETCLETE | 100 | .0044 | .0044 | 4421 |
| | | | | | | |
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| | | | | | | |

Solvent Density 1.26

Calc. Volume / Enter Volume

Total Vol .995317460 ml

Total Wt 1.2541 g

Automatic READ / TARE and READ / READ only

Print Label for Standard

Solvents | New Lot | Save/Quit | Close

STANDARDS

Lot # IH12606

Prepared 09/04/01 Expires 03/04/02

Made By BJC

Description

| Description Lot # | Parameter | Purity % | Wgt/Vol Stock | Wgt/Vol Standard | Conc. ug/ml |
|---|---|---|---|---|---|
| Solvent | CS2 | 100 | 1.2537 | 1.2537 | |
| Compounds | IG-TETCLETE | 100 | .0047 | .0047 | 4706 |
| | | | | | |
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| | | | | | |

Solvent Density 1.26

Calc. Volume

Enter Volume

Total Vol .998730158 ml

Total Wt 1.2584 g

Automatic READ

TARE and READ

READ only

Print Label For Standard

Subtract

Add Vol

Save/Calc

Close

Do not use this data in new data PCE reported

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# LABORATORY ANALYSIS REPORT

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-17** **Lab ID : L79047-1** **Air Volume : 115.26 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 | < 0.03 | < 0.006 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.09 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.08 | < 0.01 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.004 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 2.33 | 0.14 | 2.47 | 0.02 | 0.003 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

Galson Laboratories

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# LABORATORY ANALYSIS REPORT

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-17** **Lab ID : L79047-1** **Air Volume : 115.26 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.008 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by: [illegible]
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-18** **Lab ID : L79047-2** **Air Volume : 118.74 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | 4 | <3 | 4 | 0.03 | 0.008 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.08 | < 0.01 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 1.86 | 0.1 | 1.96 | 0.02 | 0.002 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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# LABORATORY ANALYSIS REPORT

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-18** **Lab ID : L79047-2** **Air Volume : 118.74 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.008 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-19** **Lab ID : L79047-3** **Air Volume : 119.76 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.08 | < 0.01 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 1.93 | 0.23 | B 2.16 | B 0.02 | B 0.003 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.



8

LABORATORY ANALYSIS REPORT

Galson Laboratories

6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-19** **Lab ID : L79047-3** **Air Volume : 119.76 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.008 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
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NS -Not Specified
LOQ-Limit of Quantitation

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-20** **Lab ID : L79047-4** **Air Volume : 118.92 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | 4 | <3 | 4 | 0.03 | 0.008 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.08 | < 0.01 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 1.27 | 0.1 | 1.37 | 0.01 | 0.002 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
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LOQ-Limit of Quantitation

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www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-20** **Lab ID : L79047-4** **Air Volume : 118.92 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | 4 | <4 | 4 | 0.03 | 0.008 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-21** **Lab ID : L79047-5** **Air Volume : 118.44 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | 4 | <3 | 4 | 0.03 | 0.008 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | 2 | <2 | 2 | 0.02 | 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.08 | < 0.01 |
| o-Dichlorobenzene | 3 | 7 | <3 | 8 | 0.07 | 0.01 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 1.86 | 0.12 | 1.98 | 0.02 | 0.002 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

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# LABORATORY ANALYSIS REPORT

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-21** **Lab ID : L79047-5** **Air Volume : 118.44 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | 13 | <4 | 13 | 0.1 | 0.02 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH #: 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-22** **Lab ID : L79047-6** **Air Volume : 116.88 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | 4 | <3 | 4 | 0.03 | 0.008 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.08 | < 0.01 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 1.66 | 0.18 | B 1.84 | B 0.02 | B 0.002 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
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# LABORATORY ANALYSIS REPORT

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-22** **Lab ID : L79047-6** **Air Volume : 116.88 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | 10 | <4 | 10 | 0.08 | 0.02 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-23** **Lab ID : L79047-7** **Air Volume : 121.14 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | 5 | <3 | 5 | 0.04 | 0.01 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.07 | < 0.01 |
| o-Dichlorobenzene | 3 | 11 | <3 | 12 | 0.1 | 0.02 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 2.09 | 0.2 | 2.29 | 0.02 | 0.003 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

**COMMENTS:** Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

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# LABORATORY ANALYSIS REPORT

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-23** **Lab ID : L79047-7** **Air Volume : 121.14 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.008 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-24** **Lab ID : L79047-8** **Air Volume : 118.98 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | 5 | <3 | 5 | 0.04 | 0.01 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | 8 | <4 | 17 | 0.1 | 0.03 |
| o-Dichlorobenzene | 3 | 15 | <3 | 17 | 0.1 | 0.02 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 1.91 | 0.2 | B 2.11 | B 0.02 | B 0.003 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

Galson Laboratories
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# LABORATORY ANALYSIS REPORT

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-24** **Lab ID : L79047-8** **Air Volume : 118.98 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.008 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
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l -Liters
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LABORATORY ANALYSIS REPORT

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www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-25** **Lab ID : L79047-9** **Air Volume : 122.70 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | 5 | <3 | 5 | 0.04 | 0.01 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | 6 | <4 | 13 | 0.1 | 0.02 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 1.99 | 0.16 | 2.15 | 0.02 | 0.002 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.06 | < 0.01 |

**COMMENTS:** Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
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LOQ-Limit of Quantitation

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www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-25** **Lab ID : L79047-9** **Air Volume : 122.70 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.008 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-26** **Lab ID : L79047-10** **Air Volume : 115.02 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | 4 | <3 | 4 | 0.03 | 0.008 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.09 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.08 | < 0.01 |
| o-Dichlorobenzene | 3 | 13 | <3 | 15 | 0.1 | 0.02 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.01 |
| Tetrachloroethylene | 0.02 | 2.35 | 0.09 | 2.44 | 0.02 | 0.003 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.07 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
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NS -Not Specified
LOQ-Limit of Quantitation

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# LABORATORY ANALYSIS REPORT

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-26** **Lab ID : L79047-10** **Air Volume : 115.02 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.008 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-27** **Lab ID : L79047-11** **Air Volume : 97.17 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.009 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.009 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.008 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 | < 0.03 | < 0.008 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.008 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.006 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.05 | < 0.01 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.04 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.1 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.005 |
| Naphthalene | 9 | 6 | <4 | 13 | 0.1 | 0.02 |
| o-Dichlorobenzene | 3 | 14 | <3 | 16 | 0.2 | 0.03 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.005 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.05 | < 0.01 |
| Tetrachloroethylene | 0.02 | 0.84 | 0.12 | B 0.96 | B 0.01 | B 0.001 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.05 | < 0.01 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.08 | < 0.02 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
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NS -Not Specified
LOQ-Limit of Quantitation

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-27** **Lab ID : L79047-11** **Air Volume : 97.17 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.04 | < 0.009 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
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ND -Not Detected
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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-28** **Lab ID : L79047-12** **Air Volume : 126.48 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.006 |
| 1,2-Dichloroethane | 3 | 3 | <3 | 3 | 0.02 | 0.006 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | 4 | <4 | 9 | 0.07 | 0.01 |
| o-Dichlorobenzene | 3 | 15 | <3 | 17 | 0.1 | 0.02 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.009 |
| Tetrachloroethylene | 0.02 | 1.64 | 0.11 | 1.75 | 0.01 | 0.002 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.06 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-28** **Lab ID : L79047-12** **Air Volume : 126.48 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.007 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-29** **Lab ID : L79047-13** **Air Volume : 124.50 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.008 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | 10 | <4 | 22 | 0.2 | 0.03 |
| o-Dichlorobenzene | 3 | 18 | <3 | 20 | 0.2 | 0.03 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.009 |
| Tetrachloroethylene | 0.02 | 1.56 | 0.22 | B 1.78 | B 0.01 | B 0.002 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.06 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT

Galson Laboratories

6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-29** **Lab ID : L79047-13** **Air Volume : 124.50 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.007 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT

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www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-30** **Lab ID : L79047-14** **Air Volume : 128.58 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.006 |
| 1,2-Dichloroethane | 3 | 4 | <3 | 4 | 0.03 | 0.008 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.006 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.08 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | 6 | <4 | 13 | 0.1 | 0.02 |
| o-Dichlorobenzene | 3 | 14 | <3 | 16 | 0.1 | 0.02 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.009 |
| Tetrachloroethylene | 0.02 | 1.28 | 0.17 | B 1.45 | B 0.01 | B 0.002 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.06 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-30** **Lab ID : L79047-14** **Air Volume : 128.58 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.007 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-31** **Lab ID : L79047-15** **Air Volume : 140.51 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.006 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.006 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.009 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.006 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 | < 0.02 | < 0.005 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.005 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.01 | < 0.003 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.01 | < 0.004 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.1 | < 0.01 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.1 | < 0.02 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.01 | < 0.003 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.1 | < 0.03 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.07 | < 0.01 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.01 | < 0.003 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.01 | < 0.003 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.04 | < 0.004 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.06 | < 0.01 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.02 | < 0.004 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.04 | < 0.008 |
| Tetrachloroethylene | 0.02 | 0.33 | 0.08 | B 0.41 | B 0.003 | B 0.0004 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.01 | < 0.004 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.04 | < 0.007 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.06 | < 0.01 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-31** **Lab ID : L79047-15** **Air Volume : 140.51 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.03 | < 0.006 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-32** **Lab ID : L79047-16** **Air Volume : 54 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | 25 | <5 | 25 | 0.5 | 0.08 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.09 | < 0.02 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.09 | < 0.02 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.09 | < 0.02 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 | < 0.06 | < 0.01 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.06 | < 0.01 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.04 | < 0.008 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.04 | < 0.01 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.09 | < 0.02 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.4 | < 0.04 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.4 | < 0.06 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.04 | < 0.008 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.4 | < 0.07 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.2 | < 0.04 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.04 | < 0.008 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.04 | < 0.008 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.09 | < 0.01 |
| Naphthalene | 9 | <4 | <4 | < 9 | < 0.2 | < 0.03 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.06 | < 0.009 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.06 | < 0.009 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.09 | < 0.02 |
| Tetrachloroethylene | 0.02 | 204.00 | 0.21 | 204 | 3.8 | 0.6 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.04 | < 0.01 |
| Trichloroethylene | 5 | 41 | <5 | 41 | 0.8 | 0.1 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.1 | < 0.03 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-32** **Lab ID : L79047-16** **Air Volume : 54 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.07 | < 0.02 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-33** **Lab ID : L79047-17** **Air Volume : 102.56 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.009 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.009 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.01 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.008 |
| 1,2-Dichloroethane | 3 | 5 | <3 | 5 | 0.05 | 0.01 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.007 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.006 |
| Benzyl chloride | 5 | <5 | <5 | < 5 | < 0.05 | < 0.009 |
| Bromoform | 20 | <20 | <20 | < 20 | < 0.2 | < 0.02 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 | < 0.2 | < 0.03 |
| Chlorobenzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 | < 0.2 | < 0.04 |
| Chloroform | 10 | <10 | <10 | < 10 | < 0.1 | < 0.02 |
| Cumene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.004 |
| Hexachloroethane | 5 | <5 | <5 | < 5 | < 0.05 | < 0.005 |
| Naphthalene | 9 | 6 | <4 | 13 | 0.1 | 0.02 |
| o-Dichlorobenzene | 3 | 10 | <3 | 11 | 0.1 | 0.02 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 | < 0.03 | < 0.005 |
| Styrene | 5 | <2 | <2 | < 5 | < 0.05 | < 0.01 |
| Tetrachloroethylene | 0.02 | 1.80 | 0.23 | B 2.03 | B 0.02 | B 0.003 |
| Toluene | 2 | <2 | <2 | < 2 | < 0.02 | < 0.005 |
| Trichloroethylene | 5 | <5 | <5 | < 5 | < 0.05 | < 0.009 |
| Vinyl toluene | 8 | <5 | <5 | < 8 | < 0.08 | < 0.02 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TC-33** **Lab ID : L79047-17** **Air Volume : 102.56 Liter**

| Parameter | LOQ ug | Front ug | Back ug | Total ug | Conc mg/m3 | ppm |
|---|---|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 | < 0.04 | < 0.009 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

LABORATORY ANALYSIS REPORT

Galson Laboratories
6601 Kirkville Road
E. Syracuse, NY 13057-0369
Phone: (315) 432-5227
Fax: (315) 437-0571
www.galsonlabs.com

Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : FIELD BLANK** **Lab ID : L79047-18** **Air Volume : NA**

| Parameter | LOQ ug | Front ug | Back ug | Total ug |
|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 |
| Benzene | 2 | <2 | <2 | < 2 |
| Benzyl chloride | 5 | <5 | <5 | < 5 |
| Bromoform | 20 | <20 | <20 | < 20 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 |
| Chlorobenzene | 2 | <2 | <2 | < 2 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 |
| Chloroform | 10 | <10 | <10 | < 10 |
| Cumene | 2 | <2 | <2 | < 2 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 |
| Hexachloroethane | 5 | <5 | <5 | < 5 |
| Naphthalene | 9 | <4 | <4 | < 9 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 |
| Styrene | 5 | <2 | <2 | < 5 |
| Tetrachloroethylene | 0.02 | 0.31 | 0.1 | 0.41 |
| Toluene | 2 | <2 | <2 | < 2 |
| Trichloroethylene | 5 | <5 | <5 | < 5 |
| Vinyl toluene | 8 | <5 | <5 | < 8 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : FIELD BLANK** **Lab ID : L79047-18** **Air Volume : NA**

| Parameter | LOQ ug | Front ug | Back ug | Total ug |
|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH #: 11626

| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
| > -Greater Than | ug -Micrograms | l -Liters | NS -Not Specified |
| NA -Not Applicable | ND -Not Detected | ppm -Parts per Million | LOQ-Limit of Quantitation |

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TRIP BLANK** **Lab ID : L79047-19** **Air Volume : NA**

| Parameter | LOQ ug | Front ug | Back ug | Total ug |
|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 |
| Benzene | 2 | <2 | <2 | < 2 |
| Benzyl chloride | 5 | <5 | <5 | < 5 |
| Bromoform | 20 | <20 | <20 | < 20 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 |
| Chlorobenzene | 2 | <2 | <2 | < 2 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 |
| Chloroform | 10 | <10 | <10 | < 10 |
| Cumene | 2 | <2 | <2 | < 2 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 |
| Hexachloroethane | 5 | <5 | <5 | < 5 |
| Naphthalene | 9 | <4 | <4 | < 9 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 |
| Styrene | 5 | <2 | <2 | < 5 |
| Tetrachloroethylene | 0.02 | 0.41 | 0.18 | 0.59 |
| Toluene | 2 | <2 | <2 | < 2 |
| Trichloroethylene | 5 | <5 | <5 | < 5 |
| Vinyl toluene | 8 | <5 | <5 | < 8 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

< -Less Than
> -Greater Than
NA -Not Applicable
mg -Milligrams
ug -Micrograms
ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
kg -Kilograms
NS -Not Specified
LOQ-Limit of Quantitation

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : TRIP BLANK** **Lab ID : L79047-19** **Air Volume : NA**

| Parameter | LOQ ug | Front ug | Back ug | Total ug |
|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH #: 11626

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NA -Not Applicable
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ND -Not Detected
m3 -Cubic Meters
l -Liters
ppm -Parts per Million
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NS -Not Specified
LOQ-Limit of Quantitation

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Client : Roy F. Weston, Inc.
Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : LOT BLANK** **Lab ID : L79047-20** **Air Volume : NA**

| Parameter | LOQ ug | Front ug | Back ug | Total ug |
|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | <5 | <5 | < 5 |
| 1,1,2-Trichloroethane | 5 | <5 | <5 | < 5 |
| 1,1-Dichloroethane | 5 | <5 | <5 | < 5 |
| 1,2,3-Trichloropropane | 5 | <5 | <5 | < 5 |
| 1,2-Dichloroethane | 3 | <3 | <3 | < 3 |
| 1,2-Dichloroethylene | 3 | <3 | <3 | < 3 |
| Alpha-Methylstyrene | 2 | <2 | <2 | < 2 |
| Benzene | 2 | <2 | <2 | < 2 |
| Benzyl chloride | 5 | <5 | <5 | < 5 |
| Bromoform | 20 | <20 | <20 | < 20 |
| Carbon Tetrachloride | 20 | <20 | <20 | < 20 |
| Chlorobenzene | 2 | <2 | <2 | < 2 |
| Chlorobromomethane | 21 | <20 | <20 | < 21 |
| Chloroform | 10 | <10 | <10 | < 10 |
| Cumene | 2 | <2 | <2 | < 2 |
| Ethyl Benzene | 2 | <2 | <2 | < 2 |
| Hexachloroethane | 5 | <5 | <5 | < 5 |
| Naphthalene | 9 | <4 | <4 | < 9 |
| o-Dichlorobenzene | 3 | <3 | <3 | < 3 |
| p-Dichlorobenzene | 3 | <3 | <3 | < 3 |
| Styrene | 5 | <2 | <2 | < 5 |
| Tetrachloroethylene | 0.02 | 0.32 | 0.13 | 0.45 |
| Toluene | 2 | <2 | <2 | < 2 |
| Trichloroethylene | 5 | <5 | <5 | < 5 |
| Vinyl toluene | 8 | <5 | <5 | < 8 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
Approved by : jal
Date : 01-MAR-02
QC by:
NYS DOH # : 11626

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NA -Not Applicable
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m3 -Cubic Meters
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Site : NS
Project No. : 2255

Date Sampled : 14-FEB-02
Date Received : 15-FEB-02
Date Analyzed : 26-FEB-02 - 27-FEB-02

Account No.: 13643
Login No. : L79047

**Client ID : LOT BLANK** **Lab ID : L79047-20** **Air Volume : NA**

| Parameter | LOQ ug | Front ug | Back ug | Total ug |
|---|---|---|---|---|
| Xylene | 4 | <4 | <4 | < 4 |

COMMENTS: Results corrected for compound dependent desorption efficiency.
Result reported as (B) designates possible breakthrough or migration.
Tetrachloroethylene results corrected for media average value.
Sample results have not been corrected for the client blank values.
Method: Multiple NIOSH; GC/FID

Collection Media : Charcoal

Submitted by: JK
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| | | | |
|---|---|---|---|
| < -Less Than | mg -Milligrams | m3 -Cubic Meters | kg -Kilograms |
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