

## Cover Page

**Order ID :** Q1907

**Project ID :** Walsh CO-032 Sampling

**Client :** Walsh Construction Company II, LLC

**Lab Sample Number**

Q1907-01  
Q1907-02

**Client Sample Number**

CO-8R-WC  
CO-8R-WC

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : \_\_\_\_\_

Date: 5/2/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following "Results Qualifiers" are used:

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Value | If the result is a value greater than or equal to the detection limit, report the value                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| U     | Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.                                                                                                                                                                                                                                 |
| ND    | Indicates the analyte was analyzed for, but not detected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| J     | Indicates an estimated value. This flag is used:<br>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)<br>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others. |
| B     | Indicates the analyte was found in the blank as well as the sample report as "12 B".                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| E     | Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| D     | This flag identifies all compounds identified in an analysis at a secondary dilution factor.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| P     | This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".                                                                                                                                                                                                                                                                                                                        |
| N     | This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.                                                                                                                                                                                                                  |
| A     | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Q     | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q1907

Completed

For thorough review, the report must have the following:

#### GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

#### COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

#### CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRATIK PATEL

Date: 05/02/2025

## LAB CHRONICLE

|                 |                                    |                   |                       |
|-----------------|------------------------------------|-------------------|-----------------------|
| <b>OrderID:</b> | Q1907                              | <b>OrderDate:</b> | 4/28/2025 4:13:00 PM  |
| <b>Client:</b>  | Walsh Construction Company II, LLC | <b>Project:</b>   | Walsh CO-032 Sampling |
| <b>Contact:</b> | Jesse A. Sylvestri                 | <b>Location:</b>  | L51,VOA Ref. #3 Water |

| LabID           | ClientID        | Matrix      | Test                    | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|-----------------|-------------|-------------------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q1907-01</b> | <b>CO-8R-WC</b> | <b>SOIL</b> |                         |        | <b>04/28/25</b> |           |           | <b>04/28/25</b> |
|                 |                 |             | Gasoline Range Organics | 8015D  |                 |           | 04/29/25  |                 |
|                 |                 |             | PCB                     | 8082A  |                 | 04/30/25  | 04/30/25  |                 |
|                 |                 |             | Pesticide-TCL           | 8081B  |                 | 04/30/25  | 04/30/25  |                 |
|                 |                 |             | TPH GC                  | 8015D  |                 | 04/29/25  | 04/29/25  |                 |
|                 |                 |             | EPH_NF                  | NJEPH  |                 | 05/01/25  | 05/01/25  |                 |



# QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: WALS01  
Lab Code: CHEM CASE No.: Q1907 SAS No.: Q1907 SDG No.: Q1907  
Run Number: FC050125AL

| Client<br>SAMPLE NO. | 1-chlorooctadecane (SURR) | ortho-Terphenyl (SURR) |  | TOT<br>OUT |
|----------------------|---------------------------|------------------------|--|------------|
| PB167819BL           | 73                        | 72                     |  | 0          |
| PB167819BS           | 74                        | 72                     |  | 0          |
| PB167819BSD          | 77                        | 74                     |  | 0          |
| MH-JJMS              | 58                        | 54                     |  | 0          |
| MH-JJMSD             | 56                        | 53                     |  | 0          |

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

ortho-Terphenyl (SURR)

(40-140)

# Column to be used to flag recovery values  
\* Values outside of contract required QC Limits  
D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: WALS01  
Lab Code: CHEM CASE No.: Q1907 SAS No.: Q1907 SDG No.: Q1907  
Run Number: FE050125AL

| Client<br>SAMPLE NO. | 1-chlorooctadecane (SURR) | ortho-Terphenyl (SURR) |  | TOT<br>OUT |
|----------------------|---------------------------|------------------------|--|------------|
| CO-8R-WC             | 52                        | 41                     |  | 0          |

QC LIMITS

1-chlorooctadecane (SURR) (40-140)  
ortho-Terphenyl (SURR) (40-140)

# Column to be used to flag recovery values  
\* Values outside of contract required QC Limits  
D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

ortho-Terphenyl (SURR)

(40-140)

# Column to be used to flag recovery values

\* Values outside of contract required QC Limits

D Surrogate diluted out

**SOLID EPH\_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY**

**Lab Name:** Chemtech **Client:** Walsh Construction Company II, LLC  
**Lab Code:** CHEM **Cas No:** Q1907 **SAS No :** Q1907 **SDG No:** Q1907  
**Sample No :** Q1917-01MS **Datafile:** FC068735.D  
**Client ID :** MH-JJMS

| COMPOUND          | SPIKE<br>ADDED<br>mg/kg | SAMPLE<br>CONCENTRATION<br>mg/kg | MS/MSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | QC LIMITS |
|-------------------|-------------------------|----------------------------------|----------------------------------|-------|------|-----------|
| Aliphatic C28-C40 | 34.0                    | 3.01                             | 38.4                             | 104   |      | (40-140)  |
| Aliphatic C9-C28  | 113.3                   | 1.74                             | 102                              | 89    |      | (40-140)  |

**SOLID EPH\_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY**

**Lab Name:** Chemtech **Client:** Walsh Construction Company II, LLC  
**Lab Code:** CHEM **Cas No:** Q1907 **SAS No :** Q1907 **SDG No:** Q1907  
**Sample No :** Q1917-01MSD **Datafile:** FC068736.D  
**Client ID :** MH-JJMSD

| COMPOUND          | SPIKE<br>ADDED<br>mg/kg | SAMPLE<br>CONCENTRATION<br>mg/kg | MS/MSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | RPD   QC LIMITS QC Limit Of<br>RPD |
|-------------------|-------------------------|----------------------------------|----------------------------------|-------|------|------------------------------------|
| Aliphatic C28-C40 | 34.0                    | 3.01                             | 37.9                             | 102   |      | 1.94   (40-140) 25                 |
| Aliphatic C9-C28  | 113.5                   | 1.74                             | 99.3                             | 86    |      | 3.2   (40-140) 25                  |

**SOLID EPH\_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY**

**Lab Name:** Chemtech **Client:** Walsh Construction Company II, LLC  
**Lab Code:** CHEM **Cas No:** Q1907 **SAS No :** Q1907 **SDG No:** Q1907  
**Sample No :** PB167819BS **Datafile:** FC068731.D  
**Client ID :** PB167819BS

| COMPOUND          | SPIKE<br>ADDED<br>mg/kg | LCS/LCSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | QC LIMITS |
|-------------------|-------------------------|------------------------------------|-------|------|-----------|
| Aliphatic C28-C40 | 30.0                    | 30.3                               | 101   |      | (40-140)  |
| Aliphatic C9-C28  | 99.9                    | 85.9                               | 86    |      | (40-140)  |

**SOLID EPH\_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY**

**Lab Name:** Chemtech **Client:** Walsh Construction Company II, LLC  
**Lab Code:** CHEM **Cas No:** Q1907 **SAS No :** Q1907 **SDG No:** Q1907  
**Sample No :** PB167819BSD **Datafile:** FC068732.D  
**Client ID :** PB167819BSD

| COMPOUND          | SPIKE<br>ADDED<br>mg/kg | LCS/LCSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | RPD   QC LIMITS | QC Limit<br>Of RPD |
|-------------------|-------------------------|------------------------------------|-------|------|-----------------|--------------------|
| Aliphatic C28-C40 | 30.0                    | 31.1                               | 103   |      | 2.7  (40-140)   | 50                 |
| Aliphatic C9-C28  | 99.9                    | 88.6                               | 89    |      | 3.2  (40-140)   | 50                 |

4B  
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167819BL

Lab Name: CHEMTECH

Contract: WALS01

Lab Code: CHEM Case No.: Q1907

SAS No.: Q1907 SDG NO.: Q1907

Instrument ID: FID\_C

Lab Sample ID: PB167819BL

Matrix: (soil/water) Solid

Date Extracted: 5/1/2025 8:45:00 AM

Level: (low/med) low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID |
|-------------------|------------------|
| PB167819BS        | PB167819BS       |
| PB167819BSD       | PB167819BSD      |
| CO-8R-WC          | Q1907-01         |
| MH-JJMS           | Q1917-01MS       |
| MH-JJMSD          | Q1917-01MSD      |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_



# SAMPLE DATA

## Report of Analysis

|                    |                                    |                 |                              |
|--------------------|------------------------------------|-----------------|------------------------------|
| Client:            | Walsh Construction Company II, LLC | Date Collected: | 04/28/25                     |
| Project:           | Walsh CO-032 Sampling              | Date Received:  | 04/28/25                     |
| Client Sample ID:  | CO-8R-WC                           | SDG No.:        | Q1907                        |
| Lab Sample ID:     | Q1907-01                           | Matrix:         | Solid                        |
| Analytical Method: | NJEPH                              | % Solid:        | 84.6                         |
| Sample Wt/Vol:     | 30.06      Units:    g             | Final Vol:      | 2000                      uL |
| Soil Aliquot Vol:  | uL                                 | Test:           | EPH_NF                       |
| Prep Method :      |                                    |                 |                              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 05/01/25 08:45 | 05/01/25 14:18  | PB167819      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 22.6  |           | 1        | 1.39 | 2.36       | mg/kg             | FE053605.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 31.2  |           | 1        | 1.07 | 4.72       | mg/kg             | FE053605.D |
| Total AliphaticEPH | Total AliphaticEPH | 53.8  |           |          | 2.46 | 7.08       | mg/kg             |            |
| Total EPH          | Total EPH          | 53.8  |           |          | 2.46 | 7.08       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

|                    |                                    |                 |                      |
|--------------------|------------------------------------|-----------------|----------------------|
| Client:            | Walsh Construction Company II, LLC | Date Collected: | 04/28/25             |
| Project:           | Walsh CO-032 Sampling              | Date Received:  | 04/28/25             |
| Client Sample ID:  | CO-8R-WC                           | SDG No.:        | Q1907                |
| Lab Sample ID:     | Q1907-01                           | Matrix:         | Solid                |
| Analytical Method: | NJEPH                              | % Solid:        | 84.6                 |
| Sample Wt/Vol:     | 30.06      Units:    g             | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                 | Test:           | EPH_NF               |
| Prep Method :      |                                    |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE053605.D | 1         | 05/01/25    | 05/01/25        | PB167819      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 31.2  |           | 1.07     | 4.72       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 22.6  |           | 1.39     | 2.36       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 25.9  |           | 40 - 140 | 52%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 20.5  |           | 40 - 140 | 41%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q1907-01   | Acq On:            | 01 May 2025 14:18 |
| Client Sample ID: | CO-8R-WC   | Operator:          | YP\AJ             |
| Data file:        | FE053605.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 8                 |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.114  | 6.754  | 2166983  | 15.639  | 300              | ug/ml |
| Aliphatic C12-C16         | 6.755  | 10.203 | 4954718  | 34.94   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.204 | 13.577 | 23562952 | 162.096 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.578 | 17.245 | 26198886 | 184.273 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.246 | 22.133 | 37116615 | 287.616 | 600              | ug/ml |
| Aliphatic EPH             | 3.114  | 22.133 | 94000154 | 684.564 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.864 | 11.864 | 3704176  | 20.54   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.311 | 13.311 | 3502370  | 25.91   |                  | ug/ml |
| Aliphatic C9-C28          | 3.114  | 17.245 | 56883539 | 396.948 | 1200             | ug/ml |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050125AL\  
 Data File : FE053605.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 May 2025 14:18  
 Operator : YP\AJ  
 Sample : Q1907-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 CO-8R-WC

Integration File: autoint1.e  
 Quant Time: May 02 02:18:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 29 06:49:03 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response | Conc Units    |
|--------------------------------|--------|----------|---------------|
| -----                          |        |          |               |
| System Monitoring Compounds    |        |          |               |
| 9) S ortho-Terphenyl (SURR)    | 11.864 | 3704176  | 20.538 ug/mlm |
| Spiked Amount                  | 50.000 | Recovery | = 41.08%      |
| 12) S 1-chlorooctadecane (S... | 13.311 | 3502370  | 25.910 ug/ml  |
| Spiked Amount                  | 50.000 | Recovery | = 51.82%      |

Target Compounds

(f)=RT Delta > 1/2 Window

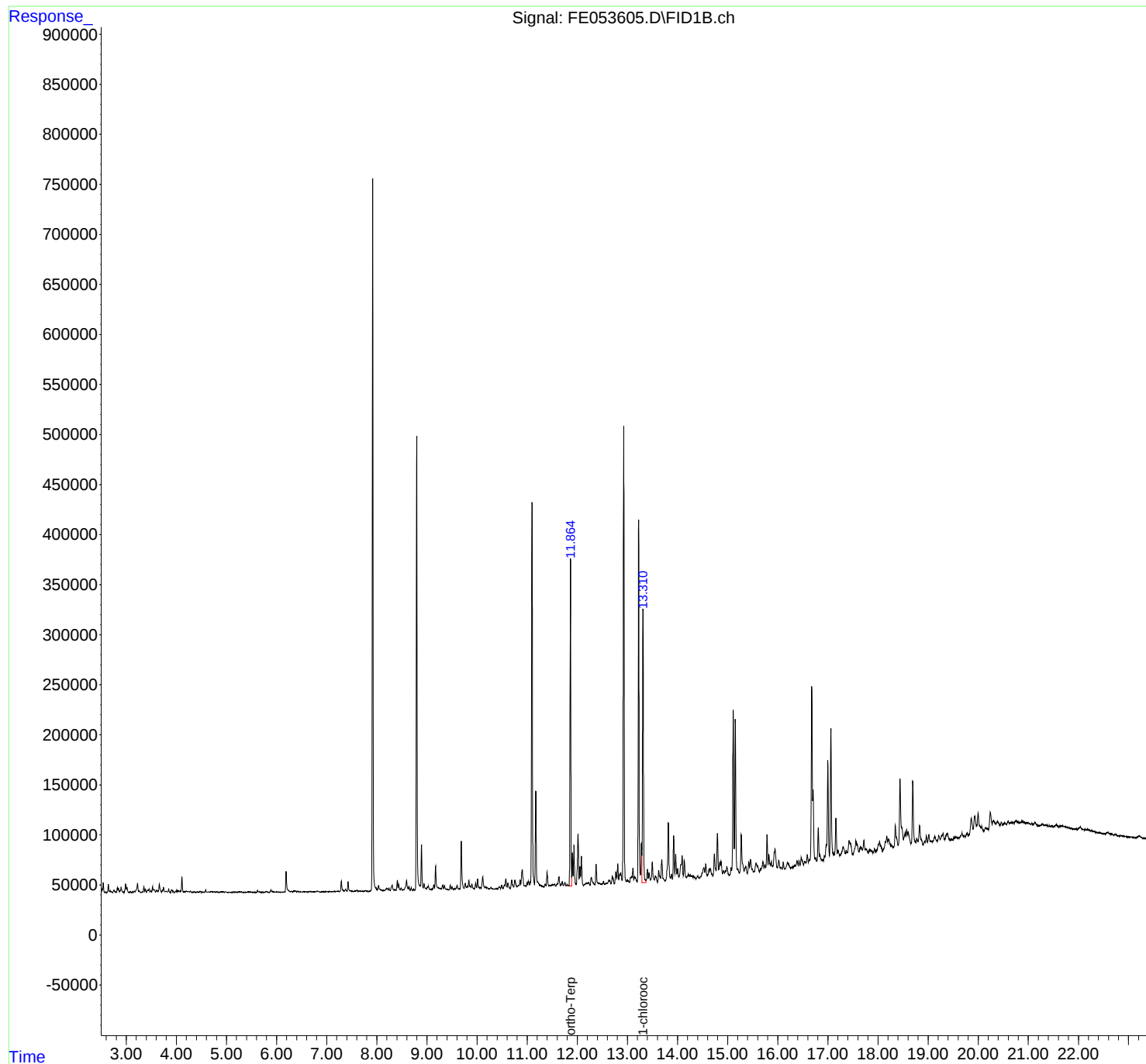
(m)=manual int.

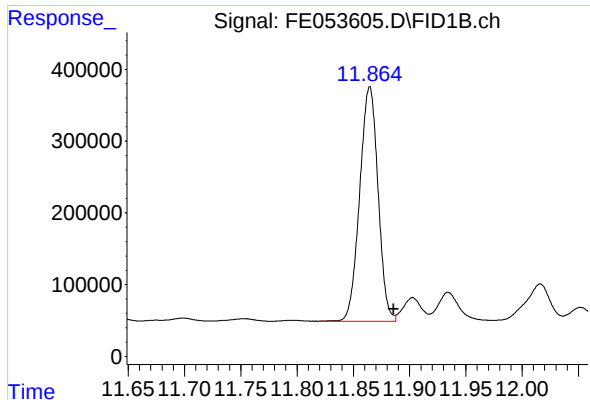
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050125AL\  
Data File : FE053605.D  
Signal(s) : FID1B.ch  
Acq On : 01 May 2025 14:18  
Operator : YP\AJ  
Sample : Q1907-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :  
CO-8R-WC

Integration File: autoint1.e  
Quant Time: May 02 02:18:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 29 06:49:03 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

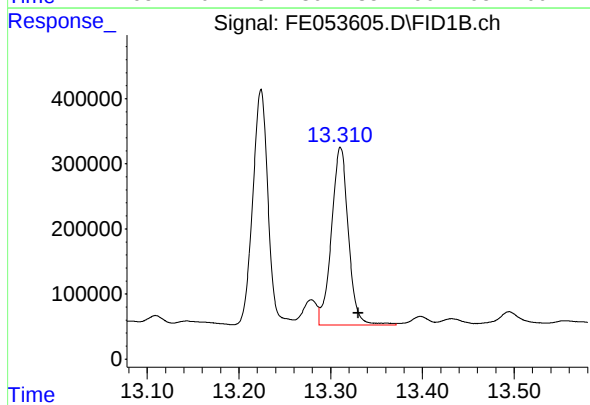




#9 ortho-Terphenyl (SURR)

R.T.: 11.864 min  
Delta R.T.: -0.021 min  
Response: 3704176  
Conc: 20.54 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
CO-8R-WC



#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min  
Delta R.T.: -0.020 min  
Response: 3502370  
Conc: 25.91 ug/ml

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050125AL\  
 Data File : FE053605.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 May 2025 14:18  
 Sample : Q1907-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.822       | 2.804        | 2.833      | PV       | 3082           | 25759        | 0.49%          | 0.025%        |
| 2         | 2.844       | 2.833        | 2.862      | PV       | 2318           | 16405        | 0.31%          | 0.016%        |
| 3         | 2.898       | 2.862        | 2.941      | PV       | 4246           | 55750        | 1.06%          | 0.055%        |
| 4         | 2.947       | 2.941        | 2.957      | VV       | 219            | 1538         | 0.03%          | 0.002%        |
| 5         | 2.988       | 2.957        | 3.002      | PV       | 8122           | 106162       | 2.02%          | 0.105%        |
| 6         | 3.013       | 3.002        | 3.045      | VV       | 5185           | 66989        | 1.28%          | 0.066%        |
| 7         | 3.054       | 3.045        | 3.064      | VV       | 382            | 3418         | 0.07%          | 0.003%        |
| 8         | 3.083       | 3.064        | 3.111      | VV       | 447            | 7645         | 0.15%          | 0.008%        |
| 9         | 3.134       | 3.111        | 3.150      | PV       | 1213           | 13387        | 0.25%          | 0.013%        |
| 10        | 3.168       | 3.150        | 3.180      | VV       | 1569           | 17557        | 0.33%          | 0.017%        |
| 11        | 3.224       | 3.180        | 3.246      | VV       | 8834           | 154413       | 2.94%          | 0.152%        |
| 12        | 3.254       | 3.246        | 3.298      | VV       | 1593           | 23008        | 0.44%          | 0.023%        |
| 13        | 3.322       | 3.298        | 3.330      | VV       | 545            | 5918         | 0.11%          | 0.006%        |
| 14        | 3.352       | 3.330        | 3.369      | VV       | 5858           | 66074        | 1.26%          | 0.065%        |
| 15        | 3.382       | 3.369        | 3.402      | VV       | 3354           | 38956        | 0.74%          | 0.038%        |
| 16        | 3.425       | 3.402        | 3.438      | VV       | 2520           | 37620        | 0.72%          | 0.037%        |
| 17        | 3.454       | 3.438        | 3.474      | VV       | 3445           | 46868        | 0.89%          | 0.046%        |
| 18        | 3.492       | 3.474        | 3.505      | VV       | 1567           | 19714        | 0.38%          | 0.019%        |
| 19        | 3.525       | 3.505        | 3.553      | VV       | 5652           | 85968        | 1.64%          | 0.085%        |
| 20        | 3.562       | 3.553        | 3.587      | VV       | 2927           | 39028        | 0.74%          | 0.038%        |
| 21        | 3.609       | 3.587        | 3.637      | VV       | 2566           | 47307        | 0.90%          | 0.047%        |
| 22        | 3.660       | 3.637        | 3.705      | VV       | 8462           | 142483       | 2.71%          | 0.140%        |
| 23        | 3.744       | 3.705        | 3.776      | VV       | 5091           | 90756        | 1.73%          | 0.089%        |
| 24        | 3.795       | 3.776        | 3.819      | VV       | 1354           | 25092        | 0.48%          | 0.025%        |
| 25        | 3.846       | 3.819        | 3.874      | VV       | 3584           | 43526        | 0.83%          | 0.043%        |
| 26        | 3.907       | 3.874        | 3.964      | VV       | 2748           | 63030        | 1.20%          | 0.062%        |
| 27        | 3.985       | 3.964        | 3.996      | VV       | 1201           | 13987        | 0.27%          | 0.014%        |
| 28        | 4.010       | 3.996        | 4.023      | VV       | 1641           | 19639        | 0.37%          | 0.019%        |
| 29        | 4.045       | 4.023        | 4.059      | VV       | 1483           | 26657        | 0.51%          | 0.026%        |
| 30        | 4.073       | 4.059        | 4.088      | VV       | 1531           | 21157        | 0.40%          | 0.021%        |
| 31        | 4.111       | 4.088        | 4.141      | VV       | 15780          | 176044       | 3.35%          | 0.173%        |
| 32        | 4.157       | 4.141        | 4.168      | VV       | 604            | 7952         | 0.15%          | 0.008%        |
| 33        | 4.195       | 4.168        | 4.226      | VV       | 1422           | 34294        | 0.65%          | 0.034%        |
| 34        | 4.240       | 4.226        | 4.260      | VV       | 1083           | 16770        | 0.32%          | 0.017%        |
| 35        | 4.279       | 4.260        | 4.334      | VV       | 1557           | 25053        | 0.48%          | 0.025%        |
| 36        | 4.363       | 4.334        | 4.386      | VV       | 572            | 11007        | 0.21%          | 0.011%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 37 | 4.407 | 4.386 | 4.441 | VV | 490    | 11861  | 0.23% | 0.012% |
| 38 | 4.474 | 4.441 | 4.495 | VV | 1312   | 20413  | 0.39% | 0.020% |
| 39 | 4.508 | 4.495 | 4.526 | VV | 640    | 7697   | 0.15% | 0.008% |
| 40 | 4.546 | 4.526 | 4.561 | VV | 467    | 6567   | 0.13% | 0.006% |
| 41 | 4.583 | 4.561 | 4.611 | VV | 2360   | 29013  | 0.55% | 0.029% |
| 42 | 4.639 | 4.611 | 4.670 | VV | 541    | 15117  | 0.29% | 0.015% |
| 43 | 4.703 | 4.670 | 4.740 | VV | 893    | 25849  | 0.49% | 0.025% |
| 44 | 4.758 | 4.740 | 4.803 | VV | 1017   | 18292  | 0.35% | 0.018% |
| 45 | 4.821 | 4.803 | 4.852 | VV | 344    | 7762   | 0.15% | 0.008% |
| 46 | 4.895 | 4.852 | 4.922 | VV | 522    | 14212  | 0.27% | 0.014% |
| 47 | 4.939 | 4.922 | 4.954 | VV | 383    | 6331   | 0.12% | 0.006% |
| 48 | 4.981 | 4.954 | 5.018 | VV | 767    | 13575  | 0.26% | 0.013% |
| 49 | 5.055 | 5.018 | 5.078 | VV | 274    | 4497   | 0.09% | 0.004% |
| 50 | 5.090 | 5.078 | 5.111 | VV | 179    | 2168   | 0.04% | 0.002% |
| 51 | 5.154 | 5.111 | 5.168 | VV | 462    | 8267   | 0.16% | 0.008% |
| 52 | 5.185 | 5.168 | 5.205 | VV | 404    | 6474   | 0.12% | 0.006% |
| 53 | 5.231 | 5.205 | 5.243 | VV | 544    | 7505   | 0.14% | 0.007% |
| 54 | 5.256 | 5.243 | 5.284 | VV | 477    | 9496   | 0.18% | 0.009% |
| 55 | 5.300 | 5.284 | 5.335 | VV | 398    | 7164   | 0.14% | 0.007% |
| 56 | 5.363 | 5.335 | 5.371 | VV | 258    | 3182   | 0.06% | 0.003% |
| 57 | 5.393 | 5.371 | 5.407 | VV | 299    | 4569   | 0.09% | 0.005% |
| 58 | 5.426 | 5.407 | 5.448 | VV | 332    | 6865   | 0.13% | 0.007% |
| 59 | 5.476 | 5.448 | 5.539 | VV | 550    | 14683  | 0.28% | 0.014% |
| 60 | 5.555 | 5.539 | 5.593 | VV | 153    | 3145   | 0.06% | 0.003% |
| 61 | 5.619 | 5.593 | 5.681 | PV | 1479   | 27954  | 0.53% | 0.028% |
| 62 | 5.692 | 5.681 | 5.724 | VV | 146    | 1760   | 0.03% | 0.002% |
| 63 | 5.734 | 5.724 | 5.761 | VV | 107    | 1582   | 0.03% | 0.002% |
| 64 | 5.798 | 5.761 | 5.855 | VV | 811    | 21122  | 0.40% | 0.021% |
| 65 | 5.887 | 5.855 | 5.994 | VV | 2308   | 57492  | 1.09% | 0.057% |
| 66 | 6.008 | 5.994 | 6.038 | VV | 255    | 5714   | 0.11% | 0.006% |
| 67 | 6.050 | 6.038 | 6.075 | VV | 196    | 3288   | 0.06% | 0.003% |
| 68 | 6.104 | 6.075 | 6.126 | PV | 439    | 8166   | 0.16% | 0.008% |
| 69 | 6.145 | 6.126 | 6.163 | VV | 632    | 8556   | 0.16% | 0.008% |
| 70 | 6.190 | 6.163 | 6.270 | VV | 20713  | 312425 | 5.95% | 0.308% |
| 71 | 6.289 | 6.270 | 6.315 | VV | 962    | 20269  | 0.39% | 0.020% |
| 72 | 6.338 | 6.315 | 6.363 | VV | 1025   | 24031  | 0.46% | 0.024% |
| 73 | 6.378 | 6.363 | 6.399 | VV | 1477   | 21499  | 0.41% | 0.021% |
| 74 | 6.415 | 6.399 | 6.456 | VV | 1021   | 21369  | 0.41% | 0.021% |
| 75 | 6.474 | 6.456 | 6.489 | VV | 377    | 6231   | 0.12% | 0.006% |
| 76 | 6.498 | 6.489 | 6.513 | VV | 267    | 3481   | 0.07% | 0.003% |
| 77 | 6.527 | 6.513 | 6.534 | VV | 313    | 3339   | 0.06% | 0.003% |
| 78 | 6.585 | 6.534 | 6.638 | VV | 522    | 20291  | 0.39% | 0.020% |
| 79 | 6.655 | 6.638 | 6.672 | VV | 844    | 10678  | 0.20% | 0.011% |
| 80 | 6.687 | 6.672 | 6.708 | VV | 585    | 8780   | 0.17% | 0.009% |
| 81 | 6.733 | 6.708 | 6.764 | VV | 558    | 10987  | 0.21% | 0.011% |
| 82 | 6.776 | 6.764 | 6.787 | VV | 435    | 5090   | 0.10% | 0.005% |
| 83 | 6.807 | 6.787 | 6.827 | VV | 1060   | 15414  | 0.29% | 0.015% |
| 84 | 6.839 | 6.827 | 6.868 | VV | 625    | 8149   | 0.16% | 0.008% |
| 85 | 6.878 | 6.868 | 6.889 | VV | 150    | 1080   | 0.02% | 0.001% |
| 86 | 6.907 | 6.889 | 6.923 | PV | 378    | 4201   | 0.08% | 0.004% |
| 87 | 6.937 | 6.923 | 6.953 | VV | 316    | 4093   | 0.08% | 0.004% |
| 88 | 6.979 | 6.953 | 7.001 | VV | 490    | 9058   | 0.17% | 0.009% |
| 89 | 7.015 | 7.001 | 7.032 | VV | 415    | 5103   | 0.10% | 0.005% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 90  | 7.058  | 7.032  | 7.094  | VV | 560    | 11281  | 0.21%  | 0.011% |
| 91  | 7.115  | 7.094  | 7.131  | VV | 489    | 6490   | 0.12%  | 0.006% |
| 92  | 7.152  | 7.131  | 7.171  | VV | 690    | 9756   | 0.19%  | 0.010% |
| 93  | 7.190  | 7.171  | 7.208  | VV | 683    | 10943  | 0.21%  | 0.011% |
| 94  | 7.227  | 7.208  | 7.254  | VV | 763    | 11940  | 0.23%  | 0.012% |
| 95  | 7.292  | 7.254  | 7.354  | VV | 10580  | 169016 | 3.22%  | 0.167% |
| 96  | 7.377  | 7.354  | 7.405  | VV | 2312   | 39992  | 0.76%  | 0.039% |
| 97  | 7.427  | 7.405  | 7.463  | VV | 9956   | 124767 | 2.38%  | 0.123% |
| 98  | 7.475  | 7.463  | 7.534  | VV | 917    | 22607  | 0.43%  | 0.022% |
| 99  | 7.563  | 7.534  | 7.584  | VV | 589    | 11948  | 0.23%  | 0.012% |
| 100 | 7.605  | 7.584  | 7.628  | VV | 1608   | 20543  | 0.39%  | 0.020% |
| 101 | 7.652  | 7.628  | 7.704  | VV | 427    | 13290  | 0.25%  | 0.013% |
| 102 | 7.734  | 7.704  | 7.745  | VV | 263    | 4605   | 0.09%  | 0.005% |
| 103 | 7.780  | 7.745  | 7.811  | VV | 1049   | 18235  | 0.35%  | 0.018% |
| 104 | 7.829  | 7.811  | 7.842  | VV | 232    | 2875   | 0.05%  | 0.003% |
| 105 | 8.035  | 8.008  | 8.111  | VV | 5721   | 139713 | 2.66%  | 0.138% |
| 106 | 8.137  | 8.111  | 8.150  | VV | 955    | 17644  | 0.34%  | 0.017% |
| 107 | 8.195  | 8.150  | 8.206  | VV | 2526   | 54112  | 1.03%  | 0.053% |
| 108 | 8.211  | 8.206  | 8.227  | VV | 2394   | 26091  | 0.50%  | 0.026% |
| 109 | 8.242  | 8.227  | 8.266  | VV | 2920   | 39226  | 0.75%  | 0.039% |
| 110 | 8.307  | 8.266  | 8.340  | VV | 6033   | 122803 | 2.34%  | 0.121% |
| 111 | 8.356  | 8.340  | 8.380  | VV | 1226   | 23547  | 0.45%  | 0.023% |
| 112 | 8.410  | 8.380  | 8.426  | VV | 10097  | 128152 | 2.44%  | 0.126% |
| 113 | 8.438  | 8.426  | 8.467  | VV | 6209   | 89266  | 1.70%  | 0.088% |
| 114 | 8.488  | 8.467  | 8.516  | VV | 2812   | 49470  | 0.94%  | 0.049% |
| 115 | 8.594  | 8.516  | 8.625  | VV | 10486  | 231722 | 4.41%  | 0.228% |
| 116 | 8.642  | 8.625  | 8.666  | VV | 4497   | 62308  | 1.19%  | 0.061% |
| 117 | 8.686  | 8.666  | 8.720  | VV | 2603   | 41074  | 0.78%  | 0.040% |
| 118 | 8.736  | 8.720  | 8.761  | VV | 989    | 15992  | 0.30%  | 0.016% |
| 119 | 8.893  | 8.867  | 8.926  | VV | 45754  | 572618 | 10.90% | 0.564% |
| 120 | 8.944  | 8.926  | 8.991  | VV | 6629   | 131073 | 2.50%  | 0.129% |
| 121 | 9.030  | 8.991  | 9.068  | VV | 4095   | 105876 | 2.02%  | 0.104% |
| 122 | 9.083  | 9.068  | 9.095  | VV | 1154   | 16092  | 0.31%  | 0.016% |
| 123 | 9.138  | 9.095  | 9.153  | VV | 5563   | 85156  | 1.62%  | 0.084% |
| 124 | 9.173  | 9.153  | 9.252  | VV | 23753  | 389176 | 7.41%  | 0.383% |
| 125 | 9.263  | 9.252  | 9.290  | VV | 1774   | 33571  | 0.64%  | 0.033% |
| 126 | 9.313  | 9.290  | 9.334  | VV | 4861   | 79169  | 1.51%  | 0.078% |
| 127 | 9.351  | 9.334  | 9.429  | VV | 4488   | 83634  | 1.59%  | 0.082% |
| 128 | 9.466  | 9.429  | 9.484  | VV | 4760   | 60237  | 1.15%  | 0.059% |
| 129 | 9.501  | 9.484  | 9.535  | VV | 3132   | 46973  | 0.89%  | 0.046% |
| 130 | 9.552  | 9.535  | 9.568  | VV | 1213   | 16004  | 0.30%  | 0.016% |
| 131 | 9.603  | 9.568  | 9.634  | VV | 4581   | 83345  | 1.59%  | 0.082% |
| 132 | 9.647  | 9.634  | 9.660  | VV | 1117   | 13841  | 0.26%  | 0.014% |
| 133 | 9.687  | 9.660  | 9.744  | VV | 48630  | 669266 | 12.74% | 0.659% |
| 134 | 9.766  | 9.744  | 9.794  | VV | 6466   | 105796 | 2.01%  | 0.104% |
| 135 | 9.808  | 9.794  | 9.818  | VV | 3537   | 41357  | 0.79%  | 0.041% |
| 136 | 9.838  | 9.818  | 9.880  | VV | 9324   | 176866 | 3.37%  | 0.174% |
| 137 | 9.898  | 9.880  | 9.941  | VV | 5687   | 97981  | 1.87%  | 0.097% |
| 138 | 9.973  | 9.941  | 9.993  | VV | 6261   | 97270  | 1.85%  | 0.096% |
| 139 | 10.012 | 9.993  | 10.049 | VV | 10551  | 158094 | 3.01%  | 0.156% |
| 140 | 10.063 | 10.049 | 10.081 | VV | 2339   | 34478  | 0.66%  | 0.034% |
| 141 | 10.114 | 10.081 | 10.157 | VV | 12755  | 240882 | 4.59%  | 0.237% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.175 | 10.157 | 10.192 | VV | 2928   | 44367   | 0.84%   | 0.044% |
| 143 | 10.205 | 10.192 | 10.240 | VV | 1876   | 29239   | 0.56%   | 0.029% |
| 144 | 10.277 | 10.240 | 10.329 | VV | 1627   | 37586   | 0.72%   | 0.037% |
| 145 | 10.379 | 10.329 | 10.413 | PV | 579    | 10550   | 0.20%   | 0.010% |
|     |        |        |        |    |        |         |         |        |
| 146 | 10.438 | 10.413 | 10.468 | VV | 2397   | 42429   | 0.81%   | 0.042% |
| 147 | 10.490 | 10.468 | 10.520 | VV | 3619   | 56656   | 1.08%   | 0.056% |
| 148 | 10.545 | 10.520 | 10.554 | VV | 3619   | 45003   | 0.86%   | 0.044% |
| 149 | 10.576 | 10.554 | 10.599 | VV | 10070  | 152849  | 2.91%   | 0.151% |
| 150 | 10.617 | 10.599 | 10.658 | VV | 5469   | 91802   | 1.75%   | 0.090% |
|     |        |        |        |    |        |         |         |        |
| 151 | 10.691 | 10.658 | 10.731 | VV | 8413   | 148546  | 2.83%   | 0.146% |
| 152 | 10.756 | 10.731 | 10.798 | VV | 8228   | 166247  | 3.17%   | 0.164% |
| 153 | 10.826 | 10.798 | 10.833 | VV | 2893   | 46084   | 0.88%   | 0.045% |
| 154 | 10.862 | 10.833 | 10.875 | VV | 8062   | 126281  | 2.40%   | 0.124% |
| 155 | 10.901 | 10.875 | 10.980 | VV | 18269  | 440330  | 8.39%   | 0.434% |
|     |        |        |        |    |        |         |         |        |
| 156 | 10.998 | 10.980 | 11.009 | VV | 5377   | 62182   | 1.18%   | 0.061% |
| 157 | 11.024 | 11.009 | 11.049 | VV | 6650   | 114535  | 2.18%   | 0.113% |
| 158 | 11.097 | 11.049 | 11.147 | VV | 384577 | 4441017 | 84.57%  | 4.375% |
| 159 | 11.172 | 11.147 | 11.334 | VV | 96158  | 1363644 | 25.97%  | 1.343% |
| 160 | 11.361 | 11.334 | 11.376 | VV | 2713   | 41215   | 0.78%   | 0.041% |
|     |        |        |        |    |        |         |         |        |
| 161 | 11.398 | 11.376 | 11.434 | VV | 15028  | 224359  | 4.27%   | 0.221% |
| 162 | 11.463 | 11.434 | 11.478 | VV | 1581   | 36721   | 0.70%   | 0.036% |
| 163 | 11.500 | 11.478 | 11.517 | VV | 2557   | 42669   | 0.81%   | 0.042% |
| 164 | 11.545 | 11.517 | 11.566 | VV | 2716   | 56101   | 1.07%   | 0.055% |
| 165 | 11.633 | 11.566 | 11.661 | VV | 9816   | 217432  | 4.14%   | 0.214% |
|     |        |        |        |    |        |         |         |        |
| 166 | 11.699 | 11.661 | 11.724 | VV | 4910   | 91743   | 1.75%   | 0.090% |
| 167 | 11.753 | 11.724 | 11.777 | VV | 3929   | 66264   | 1.26%   | 0.065% |
| 168 | 11.796 | 11.777 | 11.817 | VV | 1632   | 22631   | 0.43%   | 0.022% |
| 169 | 11.864 | 11.817 | 11.888 | VV | 327135 | 3715014 | 70.74%  | 3.660% |
| 170 | 11.903 | 11.888 | 11.918 | VV | 32792  | 374779  | 7.14%   | 0.369% |
|     |        |        |        |    |        |         |         |        |
| 171 | 11.934 | 11.918 | 11.974 | VV | 40410  | 532241  | 10.14%  | 0.524% |
| 172 | 12.016 | 11.974 | 12.037 | VV | 51697  | 791294  | 15.07%  | 0.780% |
| 173 | 12.052 | 12.037 | 12.065 | VV | 19140  | 232291  | 4.42%   | 0.229% |
| 174 | 12.082 | 12.065 | 12.124 | VV | 29021  | 391397  | 7.45%   | 0.386% |
| 175 | 12.179 | 12.124 | 12.203 | VV | 2422   | 72713   | 1.38%   | 0.072% |
|     |        |        |        |    |        |         |         |        |
| 176 | 12.223 | 12.203 | 12.254 | VV | 3113   | 59085   | 1.13%   | 0.058% |
| 177 | 12.279 | 12.254 | 12.350 | PV | 8051   | 184464  | 3.51%   | 0.182% |
| 178 | 12.376 | 12.350 | 12.422 | VV | 20623  | 283239  | 5.39%   | 0.279% |
| 179 | 12.438 | 12.422 | 12.484 | VV | 1896   | 39940   | 0.76%   | 0.039% |
| 180 | 12.523 | 12.484 | 12.546 | VV | 3424   | 52953   | 1.01%   | 0.052% |
|     |        |        |        |    |        |         |         |        |
| 181 | 12.579 | 12.546 | 12.594 | VV | 1391   | 26060   | 0.50%   | 0.026% |
| 182 | 12.628 | 12.594 | 12.639 | VV | 4234   | 68696   | 1.31%   | 0.068% |
| 183 | 12.648 | 12.639 | 12.674 | VV | 3820   | 50021   | 0.95%   | 0.049% |
| 184 | 12.697 | 12.674 | 12.709 | VV | 8241   | 100962  | 1.92%   | 0.099% |
| 185 | 12.713 | 12.709 | 12.737 | VV | 6131   | 54919   | 1.05%   | 0.054% |
|     |        |        |        |    |        |         |         |        |
| 186 | 12.769 | 12.737 | 12.787 | VV | 12015  | 184970  | 3.52%   | 0.182% |
| 187 | 12.807 | 12.787 | 12.827 | VV | 19942  | 275484  | 5.25%   | 0.271% |
| 188 | 12.868 | 12.827 | 12.893 | VV | 10769  | 307244  | 5.85%   | 0.303% |
| 189 | 12.926 | 12.893 | 12.977 | VV | 460399 | 5251391 | 100.00% | 5.174% |
| 190 | 12.995 | 12.977 | 13.040 | VV | 3846   | 88917   | 1.69%   | 0.088% |
|     |        |        |        |    |        |         |         |        |
| 191 | 13.083 | 13.040 | 13.090 | VV | 6626   | 140117  | 2.67%   | 0.138% |
| 192 | 13.109 | 13.090 | 13.129 | VV | 15147  | 210230  | 4.00%   | 0.207% |
| 193 | 13.143 | 13.129 | 13.192 | VV | 6701   | 164258  | 3.13%   | 0.162% |
| 194 | 13.224 | 13.192 | 13.259 | VV | 363196 | 4194550 | 79.88%  | 4.132% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.279 | 13.259 | 13.287 | VV | 38976  | 428932  | 8.17%  | 0.423% |
| 196 | 13.311 | 13.287 | 13.371 | VV | 273879 | 3504545 | 66.74% | 3.453% |
| 197 | 13.398 | 13.371 | 13.415 | VV | 13176  | 181403  | 3.45%  | 0.179% |
| 198 | 13.432 | 13.415 | 13.459 | VV | 9486   | 154276  | 2.94%  | 0.152% |
| 199 | 13.495 | 13.459 | 13.534 | VV | 20163  | 355646  | 6.77%  | 0.350% |
| 200 | 13.556 | 13.534 | 13.599 | VV | 6037   | 136365  | 2.60%  | 0.134% |
| 201 | 13.624 | 13.599 | 13.660 | PV | 11106  | 204992  | 3.90%  | 0.202% |
| 202 | 13.685 | 13.660 | 13.761 | VV | 22084  | 392402  | 7.47%  | 0.387% |
| 203 | 13.815 | 13.761 | 13.863 | VV | 58116  | 1016349 | 19.35% | 1.001% |
| 204 | 13.881 | 13.863 | 13.897 | VV | 6197   | 82518   | 1.57%  | 0.081% |
| 205 | 13.923 | 13.897 | 13.944 | VV | 44472  | 578296  | 11.01% | 0.570% |
| 206 | 13.962 | 13.944 | 13.985 | VV | 26015  | 368379  | 7.01%  | 0.363% |
| 207 | 14.000 | 13.985 | 14.028 | VV | 11503  | 174705  | 3.33%  | 0.172% |
| 208 | 14.091 | 14.028 | 14.114 | VV | 24316  | 640152  | 12.19% | 0.631% |
| 209 | 14.134 | 14.114 | 14.177 | VV | 19241  | 310920  | 5.92%  | 0.306% |
| 210 | 14.214 | 14.177 | 14.232 | VV | 4781   | 111239  | 2.12%  | 0.110% |
| 211 | 14.253 | 14.232 | 14.281 | VV | 4211   | 99914   | 1.90%  | 0.098% |
| 212 | 14.293 | 14.281 | 14.309 | VV | 3042   | 45610   | 0.87%  | 0.045% |
| 213 | 14.323 | 14.309 | 14.366 | VV | 2601   | 51148   | 0.97%  | 0.050% |
| 214 | 14.401 | 14.366 | 14.433 | PV | 2569   | 45733   | 0.87%  | 0.045% |
| 215 | 14.455 | 14.433 | 14.465 | VV | 1968   | 20969   | 0.40%  | 0.021% |
| 216 | 14.524 | 14.465 | 14.543 | VV | 10388  | 292339  | 5.57%  | 0.288% |
| 217 | 14.562 | 14.543 | 14.590 | VV | 13465  | 220588  | 4.20%  | 0.217% |
| 218 | 14.629 | 14.590 | 14.641 | VV | 8588   | 161747  | 3.08%  | 0.159% |
| 219 | 14.655 | 14.641 | 14.705 | VV | 8795   | 185237  | 3.53%  | 0.182% |
| 220 | 14.733 | 14.705 | 14.768 | VV | 22795  | 403261  | 7.68%  | 0.397% |
| 221 | 14.795 | 14.768 | 14.821 | VV | 43249  | 695300  | 13.24% | 0.685% |
| 222 | 14.842 | 14.821 | 14.854 | VV | 14654  | 221188  | 4.21%  | 0.218% |
| 223 | 14.868 | 14.854 | 14.898 | VV | 14891  | 245056  | 4.67%  | 0.241% |
| 224 | 14.917 | 14.898 | 14.937 | VV | 5467   | 94761   | 1.80%  | 0.093% |
| 225 | 14.984 | 14.937 | 15.037 | VV | 8865   | 239014  | 4.55%  | 0.235% |
| 226 | 15.068 | 15.037 | 15.079 | PV | 7736   | 96355   | 1.83%  | 0.095% |
| 227 | 15.111 | 15.079 | 15.131 | VV | 164805 | 2135556 | 40.67% | 2.104% |
| 228 | 15.151 | 15.131 | 15.234 | VV | 155695 | 2239300 | 42.64% | 2.206% |
| 229 | 15.271 | 15.234 | 15.327 | VV | 39299  | 721600  | 13.74% | 0.711% |
| 230 | 15.361 | 15.327 | 15.390 | VV | 7431   | 161222  | 3.07%  | 0.159% |
| 231 | 15.420 | 15.390 | 15.436 | VV | 11534  | 165096  | 3.14%  | 0.163% |
| 232 | 15.455 | 15.436 | 15.524 | VV | 13714  | 304081  | 5.79%  | 0.300% |
| 233 | 15.567 | 15.524 | 15.635 | VV | 9476   | 321300  | 6.12%  | 0.317% |
| 234 | 15.704 | 15.635 | 15.725 | VV | 9864   | 242121  | 4.61%  | 0.239% |
| 235 | 15.742 | 15.725 | 15.758 | VV | 6597   | 102052  | 1.94%  | 0.101% |
| 236 | 15.785 | 15.758 | 15.806 | VV | 36482  | 500658  | 9.53%  | 0.493% |
| 237 | 15.822 | 15.806 | 15.856 | VV | 16506  | 303314  | 5.78%  | 0.299% |
| 238 | 15.871 | 15.856 | 15.891 | VV | 9153   | 133910  | 2.55%  | 0.132% |
| 239 | 15.945 | 15.891 | 15.991 | VV | 21473  | 634558  | 12.08% | 0.625% |
| 240 | 16.020 | 15.991 | 16.055 | VV | 9499   | 191996  | 3.66%  | 0.189% |
| 241 | 16.065 | 16.055 | 16.087 | VV | 2500   | 34274   | 0.65%  | 0.034% |
| 242 | 16.109 | 16.087 | 16.144 | VV | 7093   | 89773   | 1.71%  | 0.088% |
| 243 | 16.195 | 16.144 | 16.265 | PV | 6609   | 212401  | 4.04%  | 0.209% |
| 244 | 16.288 | 16.265 | 16.305 | VV | 1580   | 18288   | 0.35%  | 0.018% |
| 245 | 16.342 | 16.305 | 16.355 | VV | 2659   | 56663   | 1.08%  | 0.056% |
| 246 | 16.383 | 16.355 | 16.406 | VV | 6320   | 121998  | 2.32%  | 0.120% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 16.423 | 16.406 | 16.444 | VV | 6703   | 91467   | 1.74%  | 0.090% |
| 248 | 16.467 | 16.444 | 16.514 | VV | 9435   | 231681  | 4.41%  | 0.228% |
| 249 | 16.538 | 16.514 | 16.564 | VV | 4969   | 121385  | 2.31%  | 0.120% |
| 250 | 16.589 | 16.564 | 16.611 | VV | 11463  | 199950  | 3.81%  | 0.197% |
|     |        |        |        |    |        |         |        |        |
| 251 | 16.629 | 16.611 | 16.637 | VV | 6114   | 82343   | 1.57%  | 0.081% |
| 252 | 16.678 | 16.637 | 16.744 | VV | 178736 | 3607822 | 68.70% | 3.554% |
| 253 | 16.753 | 16.744 | 16.780 | VV | 6879   | 123121  | 2.34%  | 0.121% |
| 254 | 16.807 | 16.780 | 16.831 | VV | 37191  | 564529  | 10.75% | 0.556% |
| 255 | 16.841 | 16.831 | 16.888 | VV | 10301  | 220456  | 4.20%  | 0.217% |
|     |        |        |        |    |        |         |        |        |
| 256 | 16.901 | 16.888 | 16.911 | VV | 4018   | 54300   | 1.03%  | 0.053% |
| 257 | 16.932 | 16.911 | 16.940 | VV | 7758   | 111994  | 2.13%  | 0.110% |
| 258 | 16.999 | 16.940 | 17.030 | VV | 102444 | 1815455 | 34.57% | 1.789% |
| 259 | 17.059 | 17.030 | 17.127 | VV | 133981 | 2192256 | 41.75% | 2.160% |
| 260 | 17.159 | 17.127 | 17.189 | VV | 44227  | 785074  | 14.95% | 0.773% |
|     |        |        |        |    |        |         |        |        |
| 261 | 17.205 | 17.189 | 17.247 | VV | 11411  | 308720  | 5.88%  | 0.304% |
| 262 | 17.304 | 17.247 | 17.346 | VV | 14388  | 630486  | 12.01% | 0.621% |
| 263 | 17.363 | 17.346 | 17.381 | VV | 10445  | 193686  | 3.69%  | 0.191% |
| 264 | 17.423 | 17.381 | 17.501 | VV | 20279  | 936121  | 17.83% | 0.922% |
| 265 | 17.559 | 17.501 | 17.575 | VV | 19216  | 540510  | 10.29% | 0.533% |
|     |        |        |        |    |        |         |        |        |
| 266 | 17.584 | 17.575 | 17.615 | VV | 15763  | 298266  | 5.68%  | 0.294% |
| 267 | 17.653 | 17.615 | 17.690 | VV | 12493  | 472814  | 9.00%  | 0.466% |
| 268 | 17.718 | 17.690 | 17.745 | VV | 18608  | 421396  | 8.02%  | 0.415% |
| 269 | 17.763 | 17.745 | 17.804 | VV | 9818   | 287683  | 5.48%  | 0.283% |
| 270 | 17.840 | 17.804 | 17.860 | VV | 8127   | 240814  | 4.59%  | 0.237% |
|     |        |        |        |    |        |         |        |        |
| 271 | 17.870 | 17.860 | 17.900 | VV | 7410   | 156972  | 2.99%  | 0.155% |
| 272 | 17.930 | 17.900 | 17.958 | VV | 8403   | 229201  | 4.36%  | 0.226% |
| 273 | 18.030 | 17.958 | 18.094 | VV | 15527  | 814213  | 15.50% | 0.802% |
| 274 | 18.175 | 18.094 | 18.194 | VV | 19841  | 739730  | 14.09% | 0.729% |
| 275 | 18.211 | 18.194 | 18.257 | VV | 16764  | 516738  | 9.84%  | 0.509% |
|     |        |        |        |    |        |         |        |        |
| 276 | 18.267 | 18.257 | 18.295 | VV | 9906   | 208179  | 3.96%  | 0.205% |
| 277 | 18.345 | 18.295 | 18.401 | VV | 29541  | 943020  | 17.96% | 0.929% |
| 278 | 18.439 | 18.401 | 18.507 | VV | 75426  | 1973248 | 37.58% | 1.944% |
| 279 | 18.541 | 18.507 | 18.555 | VV | 21036  | 511072  | 9.73%  | 0.504% |
| 280 | 18.572 | 18.555 | 18.588 | VV | 23752  | 409468  | 7.80%  | 0.403% |
|     |        |        |        |    |        |         |        |        |
| 281 | 18.602 | 18.588 | 18.663 | VV | 21376  | 674544  | 12.85% | 0.665% |
| 282 | 18.694 | 18.663 | 18.754 | VV | 71340  | 1420450 | 27.05% | 1.399% |
| 283 | 18.774 | 18.754 | 18.798 | VV | 12851  | 300537  | 5.72%  | 0.296% |
| 284 | 18.830 | 18.798 | 18.903 | VV | 26157  | 879061  | 16.74% | 0.866% |
| 285 | 18.930 | 18.903 | 18.943 | VV | 9942   | 204296  | 3.89%  | 0.201% |
|     |        |        |        |    |        |         |        |        |
| 286 | 18.965 | 18.943 | 18.987 | VV | 14902  | 303837  | 5.79%  | 0.299% |
| 287 | 19.013 | 18.987 | 19.091 | VV | 15649  | 640933  | 12.21% | 0.631% |
| 288 | 19.133 | 19.091 | 19.185 | VV | 12707  | 578315  | 11.01% | 0.570% |
| 289 | 19.212 | 19.185 | 19.242 | VV | 13376  | 377879  | 7.20%  | 0.372% |
| 290 | 19.271 | 19.242 | 19.281 | VV | 13635  | 273489  | 5.21%  | 0.269% |
|     |        |        |        |    |        |         |        |        |
| 291 | 19.298 | 19.281 | 19.324 | VV | 15291  | 334515  | 6.37%  | 0.330% |
| 292 | 19.375 | 19.324 | 19.443 | VV | 14069  | 776164  | 14.78% | 0.765% |
| 293 | 19.465 | 19.443 | 19.487 | VV | 8403   | 213849  | 4.07%  | 0.211% |
| 294 | 19.548 | 19.487 | 19.597 | VV | 10035  | 592807  | 11.29% | 0.584% |
| 295 | 19.676 | 19.597 | 19.703 | VV | 13207  | 649730  | 12.37% | 0.640% |
|     |        |        |        |    |        |         |        |        |
| 296 | 19.716 | 19.703 | 19.736 | VV | 10222  | 195605  | 3.72%  | 0.193% |
| 297 | 19.777 | 19.736 | 19.810 | VV | 12428  | 472675  | 9.00%  | 0.466% |
| 298 | 19.861 | 19.810 | 19.898 | VV | 26736  | 953329  | 18.15% | 0.939% |
| 299 | 19.931 | 19.898 | 19.966 | VV | 28458  | 902626  | 17.19% | 0.889% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 300 | 19.997 | 19.966 | 20.053 | VV | 30971  | 1112816 | 21.19% | 1.096% |
| 301 | 20.071 | 20.053 | 20.114 | VV | 17201  | 549463  | 10.46% | 0.541% |
| 302 | 20.144 | 20.114 | 20.172 | VV | 15606  | 496803  | 9.46%  | 0.489% |
| 303 | 20.180 | 20.172 | 20.205 | VV | 14543  | 275355  | 5.24%  | 0.271% |
| 304 | 20.242 | 20.205 | 20.280 | VV | 29998  | 997034  | 18.99% | 0.982% |
| 305 | 20.304 | 20.280 | 20.351 | VV | 21628  | 847406  | 16.14% | 0.835% |
| 306 | 20.383 | 20.351 | 20.431 | VV | 19952  | 886398  | 16.88% | 0.873% |
| 307 | 20.460 | 20.431 | 20.483 | VV | 18888  | 535359  | 10.19% | 0.527% |
| 308 | 20.535 | 20.483 | 20.564 | VV | 17849  | 822515  | 15.66% | 0.810% |
| 309 | 20.597 | 20.564 | 20.624 | VV | 18519  | 626633  | 11.93% | 0.617% |
| 310 | 20.643 | 20.624 | 20.658 | VV | 17306  | 339979  | 6.47%  | 0.335% |
| 311 | 20.680 | 20.658 | 20.696 | VV | 17537  | 387051  | 7.37%  | 0.381% |
| 312 | 20.714 | 20.696 | 20.723 | VV | 17079  | 278225  | 5.30%  | 0.274% |
| 313 | 20.754 | 20.723 | 20.825 | VV | 18684  | 1048411 | 19.96% | 1.033% |
| 314 | 20.873 | 20.825 | 20.912 | VV | 17293  | 856588  | 16.31% | 0.844% |
| 315 | 20.922 | 20.912 | 20.948 | VV | 15666  | 323610  | 6.16%  | 0.319% |
| 316 | 20.967 | 20.948 | 20.983 | VV | 14866  | 307425  | 5.85%  | 0.303% |
| 317 | 20.996 | 20.983 | 21.017 | VV | 14785  | 298025  | 5.68%  | 0.294% |
| 318 | 21.026 | 21.017 | 21.052 | VV | 13885  | 277375  | 5.28%  | 0.273% |
| 319 | 21.070 | 21.052 | 21.085 | VV | 13392  | 265337  | 5.05%  | 0.261% |
| 320 | 21.134 | 21.085 | 21.219 | VV | 13979  | 968669  | 18.45% | 0.954% |
| 321 | 21.286 | 21.219 | 21.308 | VV | 11437  | 577331  | 10.99% | 0.569% |
| 322 | 21.318 | 21.308 | 21.340 | VV | 10480  | 195772  | 3.73%  | 0.193% |
| 323 | 21.357 | 21.340 | 21.414 | VV | 10152  | 422461  | 8.04%  | 0.416% |
| 324 | 21.424 | 21.414 | 21.445 | VV | 8791   | 152469  | 2.90%  | 0.150% |
| 325 | 21.464 | 21.445 | 21.499 | VV | 8575   | 260686  | 4.96%  | 0.257% |
| 326 | 21.509 | 21.499 | 21.526 | VV | 7926   | 128480  | 2.45%  | 0.127% |
| 327 | 21.556 | 21.526 | 21.614 | VV | 9536   | 422064  | 8.04%  | 0.416% |
| 328 | 21.648 | 21.614 | 21.662 | VV | 7608   | 202927  | 3.86%  | 0.200% |
| 329 | 21.683 | 21.662 | 21.744 | VV | 7396   | 324498  | 6.18%  | 0.320% |
| 330 | 21.755 | 21.744 | 21.885 | VV | 5617   | 354378  | 6.75%  | 0.349% |
| 331 | 21.896 | 21.885 | 21.923 | VV | 2811   | 58134   | 1.11%  | 0.057% |
| 332 | 21.957 | 21.923 | 21.974 | VV | 2377   | 67028   | 1.28%  | 0.066% |
| 333 | 22.035 | 21.974 | 22.088 | VV | 3713   | 160001  | 3.05%  | 0.158% |
| 334 | 22.099 | 22.088 | 22.118 | VV | 1127   | 15063   | 0.29%  | 0.015% |
| 335 | 22.127 | 22.118 | 22.155 | VV | 448    | 6588    | 0.13%  | 0.006% |

Sum of corrected areas: 101503388

Aliphatic EPH 041725.M Fri May 02 02:57:12 2025



# CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FC040925AL

**AreaCount**

| Parameter Range   | FC068515.D    | FC068516.D   | FC068517.D   | FC068518.D   | FC068519.D  |  |
|-------------------|---------------|--------------|--------------|--------------|-------------|--|
| Aliphatic C9-C12  | 28917690.000  | 15222657.000 | 6286032.000  | 3422392.000  | 1645296.000 |  |
| Aliphatic C12-C16 | 18431489.000  | 9897338.000  | 4088590.000  | 2253140.000  | 1056103.000 |  |
| Aliphatic C16-C21 | 26693561.000  | 14380121.000 | 5937795.000  | 3290227.000  | 1508988.000 |  |
| Aliphatic C21-C28 | 34681529.000  | 18246305.000 | 7529133.000  | 4137443.000  | 1908822.000 |  |
| Aliphatic C28-C40 | 51686216.000  | 25852842.000 | 10689091.000 | 5728785.000  | 2776165.000 |  |
| Aliphatic EPH     | 160410485.000 | 83599263.000 | 34530641.000 | 18831987.000 | 8895374.000 |  |

**AVG Response Factor**

| Parameter Range   | AVG RF         | % RSD |  |  |  |  |
|-------------------|----------------|-------|--|--|--|--|
| Aliphatic C9-C12  | 105282.0026666 | 6.555 |  |  |  |  |
| Aliphatic C12-C16 | 102322.575     | 7.446 |  |  |  |  |
| Aliphatic C16-C21 | 98816.5386664  | 7.616 |  |  |  |  |
| Aliphatic C21-C28 | 94185.337      | 6.542 |  |  |  |  |
| Aliphatic C28-C40 | 89882.8349998  | 4.545 |  |  |  |  |
| Aliphatic EPH     | 96276.6184442  | 6.125 |  |  |  |  |

**Concentration**

| Parameter Range   | FC068515.D | FC068516.D | FC068517.D | FC068518.D | FC068519.D |  |
|-------------------|------------|------------|------------|------------|------------|--|
| Aliphatic C9-C12  | 300.000    | 150.000    | 60.000     | 30.000     | 15.000     |  |
| Aliphatic C12-C16 | 200.000    | 100.000    | 40.000     | 20.000     | 10.000     |  |
| Aliphatic C16-C21 | 300.000    | 150.000    | 60.000     | 30.000     | 15.000     |  |
| Aliphatic C21-C28 | 400.000    | 200.000    | 80.000     | 40.000     | 20.000     |  |
| Aliphatic C28-C40 | 600.000    | 300.000    | 120.000    | 60.000     | 30.000     |  |
| Aliphatic EPH     | 1800.000   | 900.000    | 360.000    | 180.000    | 90.000     |  |

**Response Factor**

| Parameter Range   | FC068515.D   | FC068516.D    | FC068517.D    | FC068518.D    | FC068519.D    |  |
|-------------------|--------------|---------------|---------------|---------------|---------------|--|
| Aliphatic C9-C12  | 96392.300000 | 101484.380000 | 104767.200000 | 114079.733333 | 109686.400000 |  |
| Aliphatic C12-C16 | 92157.445000 | 98973.380000  | 102214.750000 | 112657.000000 | 105610.300000 |  |
| Aliphatic C16-C21 | 88978.536666 | 95867.473333  | 98963.250000  | 109674.233333 | 100599.200000 |  |

Initial Calibration Report for SequenceID : FC040925AL

|                   |              |              |              |               |              |  |
|-------------------|--------------|--------------|--------------|---------------|--------------|--|
| Aliphatic C21-C28 | 86703.822500 | 91231.525000 | 94114.162500 | 103436.075000 | 95441.100000 |  |
| Aliphatic C28-C40 | 86143.693333 | 86176.140000 | 89075.758333 | 95479.750000  | 92538.833333 |  |
| Aliphatic EPH     | 89116.936111 | 92888.070000 | 95918.447222 | 104622.150000 | 98837.488888 |  |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
 Data File : FC068515.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Apr 2025 14:19  
 Operator : YP/AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e  
 Quant Time: Apr 08 16:11:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 16:09:32 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.728 | 11630513   | 95.399 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 190.80%      |
| 12) S 1-chlorooctadecane (S... | 13.158 | 8442696    | 95.111 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 190.22%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.453  | 9676433    | 96.008 ug/ml |
| 2) T n-Decane (C10)            | 4.529  | 9659989    | 95.940 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.128  | 10706854   | 96.012 ug/ml |
| 4) T n-Dodecane (C12)          | 6.555  | 9581268    | 95.561 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.187  | 10590076   | 95.557 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.352  | 9286080    | 95.024 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.956  | 9145409    | 94.626 ug/ml |
| 8) T n-Octadecane (C18)        | 11.401 | 9035245    | 94.602 ug/ml |
| 10) T n-Eicosane (C20)         | 12.711 | 8860913    | 94.629 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.324 | 8797403    | 94.833 ug/ml |
| 13) T n-Docosane (C22)         | 13.911 | 8749331    | 94.989 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.015 | 8697977    | 95.532 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.037 | 8653533    | 96.207 ug/ml |
| 16) T n-Octacosane (C28)       | 16.989 | 8580688    | 96.922 ug/ml |
| 17) T n-Tricontane (C30)       | 17.879 | 8693384    | 97.557 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.714 | 8726742    | 98.108 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.499 | 8562598    | 98.394 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.240 | 8639575    | 98.692 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.019 | 8521663    | 98.543 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.004 | 8542254    | 98.690 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

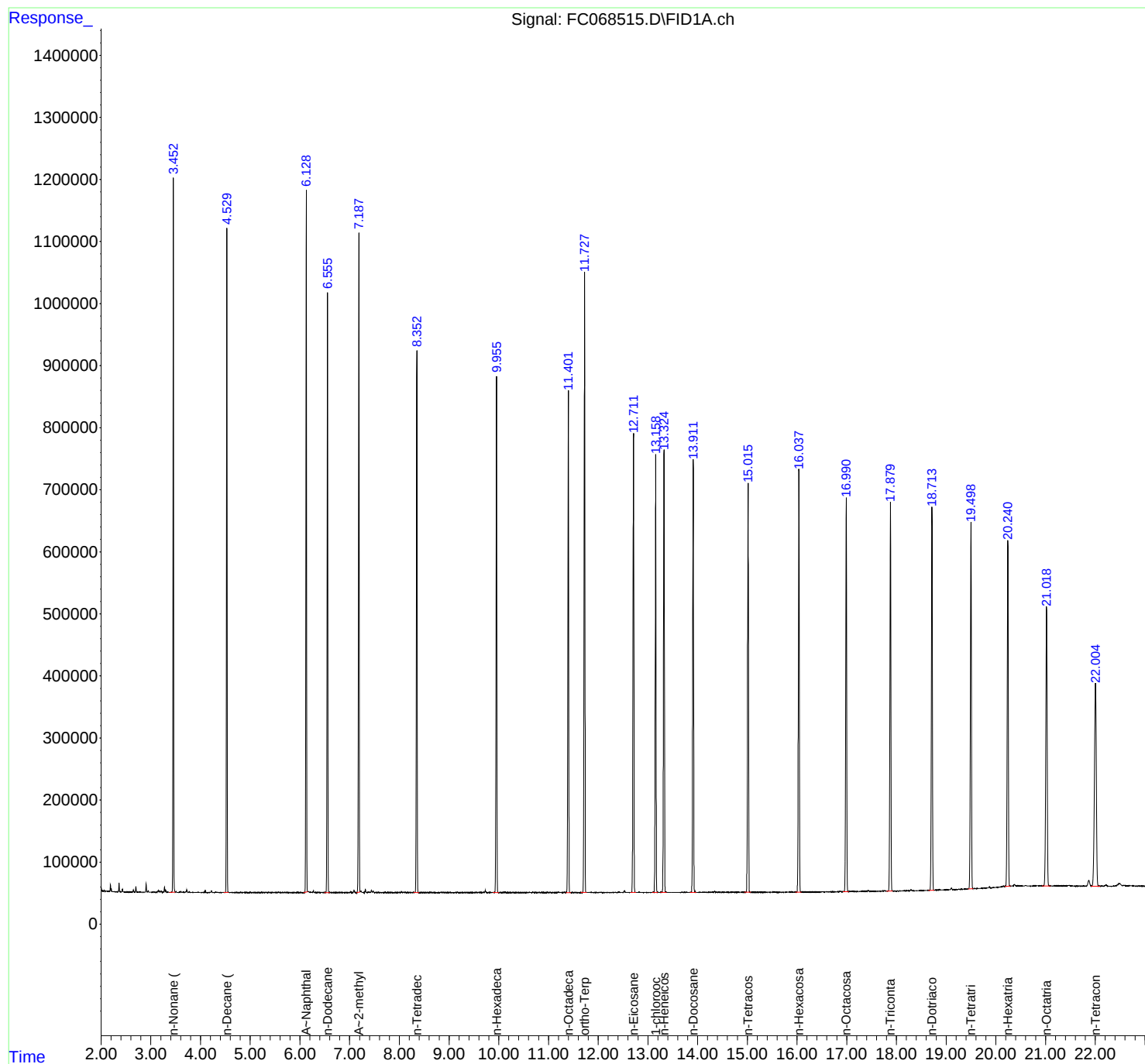
(m)=manual int.

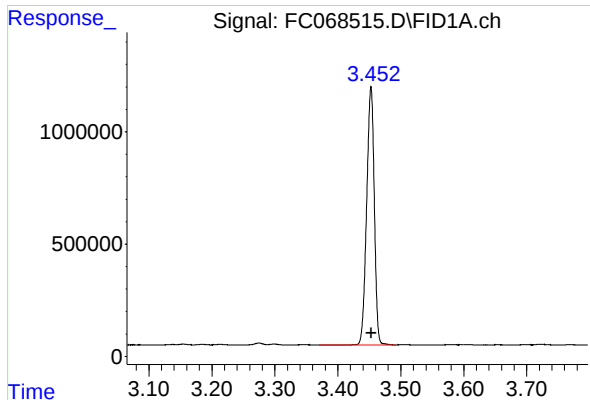
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
Data File : FC068515.D  
Signal(s) : FID1A.ch  
Acq On : 08 Apr 2025 14:19  
Operator : YP/AJ  
Sample : 100 PPM ALIPHATIC HC STD1  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e  
Quant Time: Apr 08 16:11:35 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 08 16:09:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

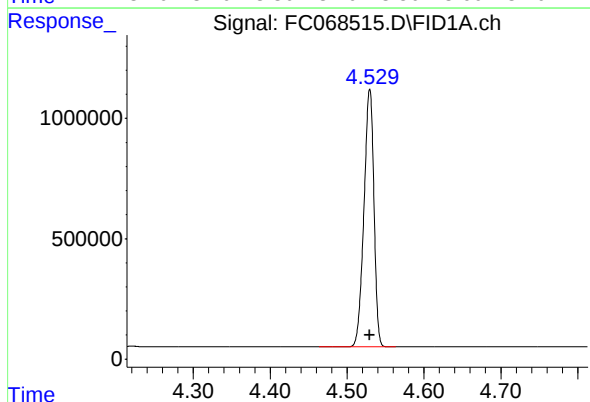




#1 n-Nonane (C9)

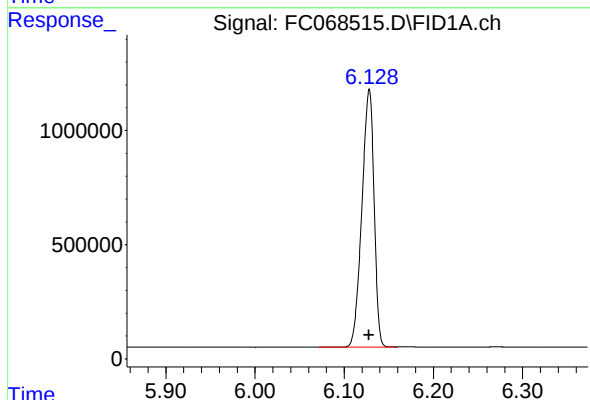
R.T.: 3.453 min  
Delta R.T.: 0.000 min  
Response: 9676433  
Conc: 96.01 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



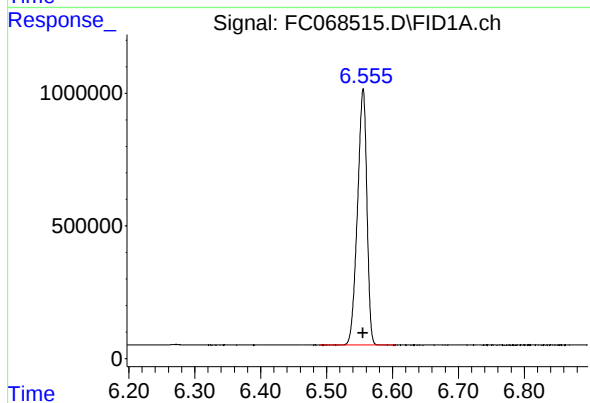
#2 n-Decane (C10)

R.T.: 4.529 min  
Delta R.T.: 0.000 min  
Response: 9659989  
Conc: 95.94 ug/ml



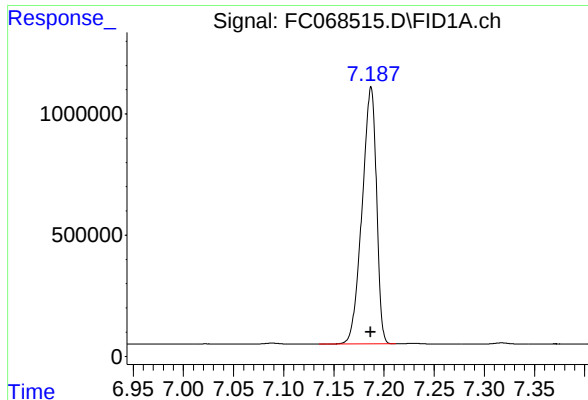
#3 A~Naphthalene (C11.7)

R.T.: 6.128 min  
Delta R.T.: 0.000 min  
Response: 10706854  
Conc: 96.01 ug/ml



#4 n-Dodecane (C12)

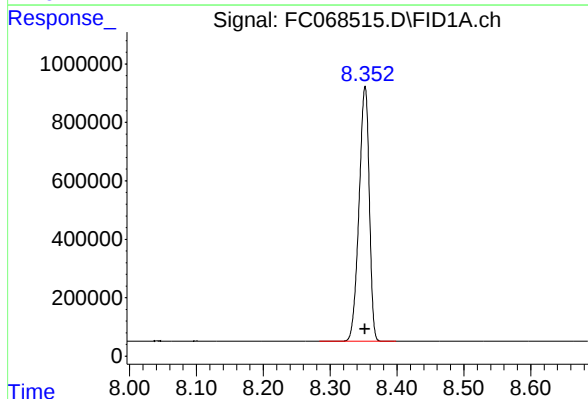
R.T.: 6.555 min  
Delta R.T.: 0.000 min  
Response: 9581268  
Conc: 95.56 ug/ml



#5 A~2-methylnaphthalene (C12.89)

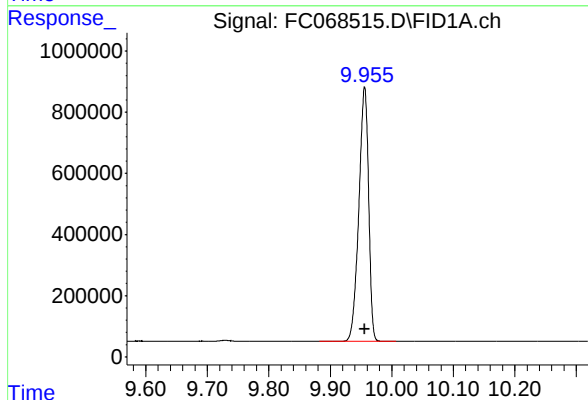
R.T.: 7.187 min  
Delta R.T.: 0.000 min  
Response: 10590076  
Conc: 95.56 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



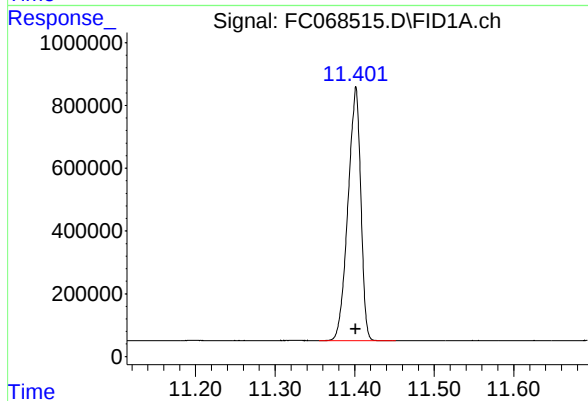
#6 n-Tetradecane (C14)

R.T.: 8.352 min  
Delta R.T.: 0.000 min  
Response: 9286080  
Conc: 95.02 ug/ml



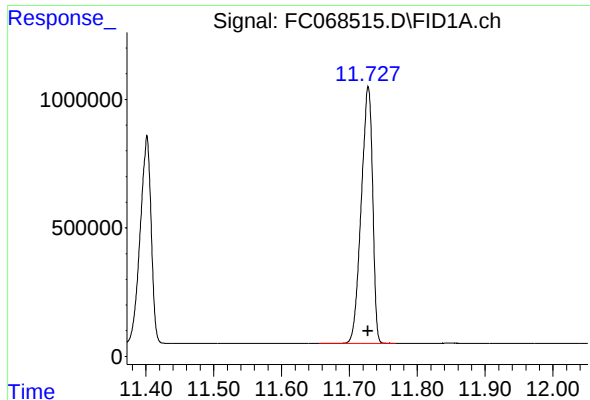
#7 n-Hexadecane (C16)

R.T.: 9.956 min  
Delta R.T.: 0.000 min  
Response: 9145409  
Conc: 94.63 ug/ml



#8 n-Octadecane (C18)

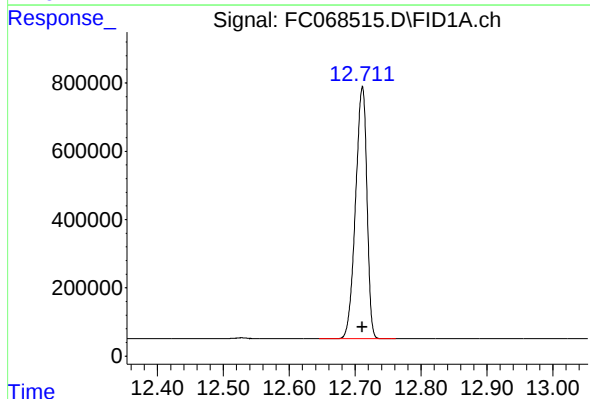
R.T.: 11.401 min  
Delta R.T.: 0.000 min  
Response: 9035245  
Conc: 94.60 ug/ml



#9 ortho-Terphenyl (SURR)

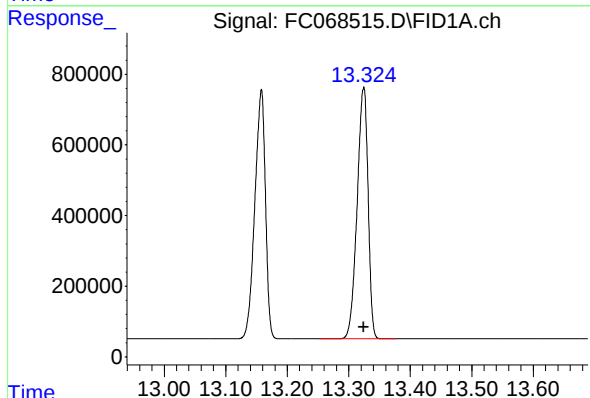
R.T.: 11.728 min  
Delta R.T.: 0.000 min  
Response: 11630513  
Conc: 95.40 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



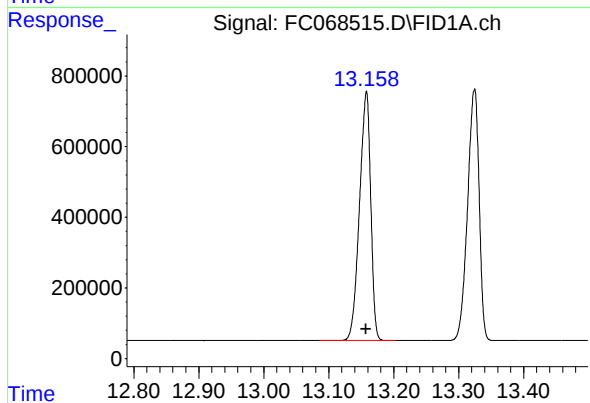
#10 n-Eicosane (C20)

R.T.: 12.711 min  
Delta R.T.: 0.000 min  
Response: 8860913  
Conc: 94.63 ug/ml



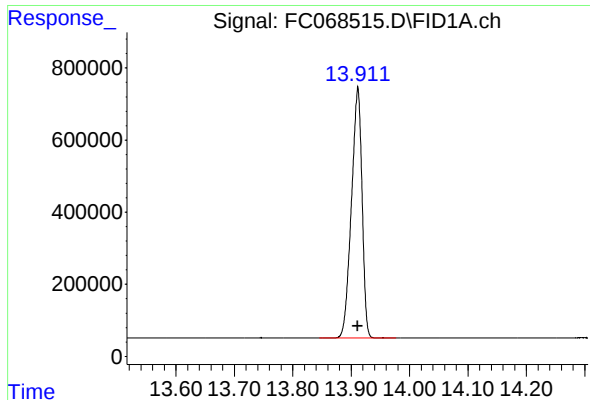
#11 n-Heneicosane (C21)

R.T.: 13.324 min  
Delta R.T.: 0.000 min  
Response: 8797403  
Conc: 94.83 ug/ml



#12 1-chlorooctadecane (SURR)

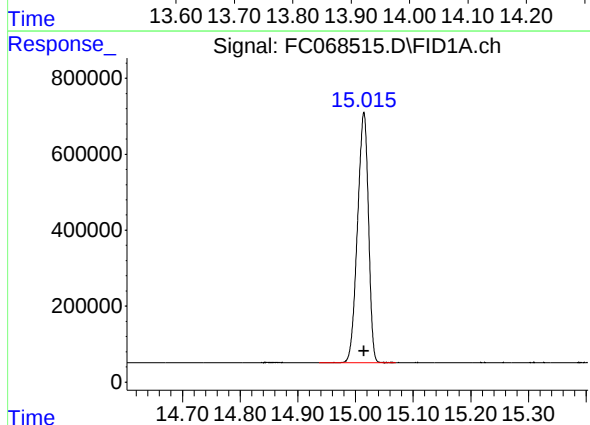
R.T.: 13.158 min  
Delta R.T.: 0.000 min  
Response: 8442696  
Conc: 95.11 ug/ml



#13 n-Docosane (C22)

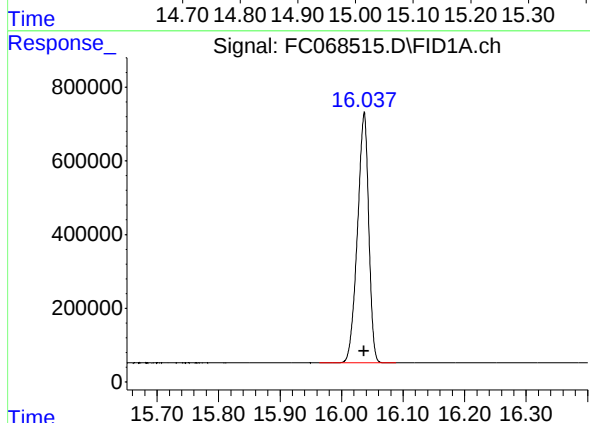
R.T.: 13.911 min  
Delta R.T.: 0.000 min  
Response: 8749331  
Conc: 94.99 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



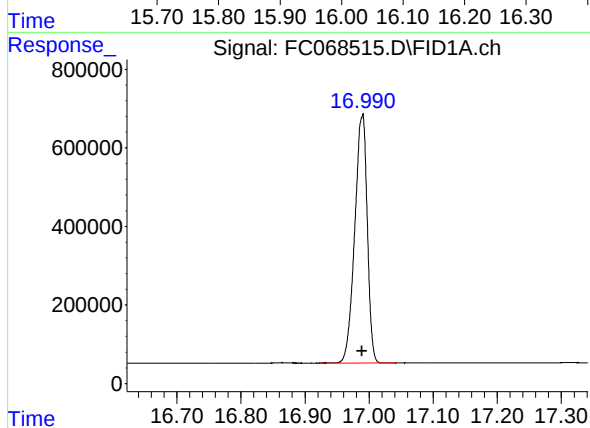
#14 n-Tetracosane (C24)

R.T.: 15.015 min  
Delta R.T.: 0.000 min  
Response: 8697977  
Conc: 95.53 ug/ml



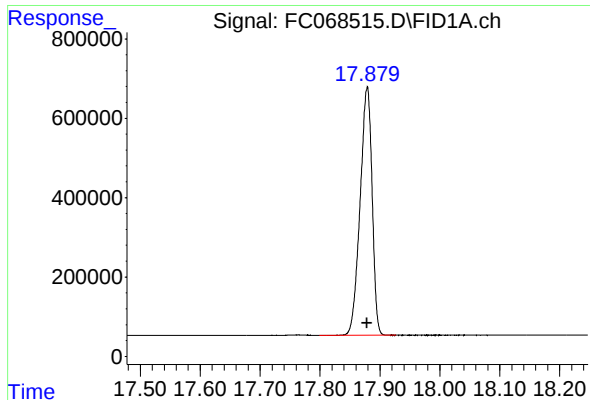
#15 n-Hexacosane (C26)

R.T.: 16.037 min  
Delta R.T.: 0.000 min  
Response: 8653533  
Conc: 96.21 ug/ml



#16 n-Octacosane (C28)

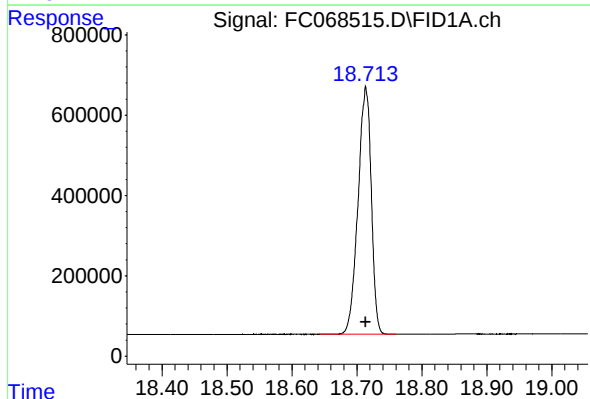
R.T.: 16.989 min  
Delta R.T.: 0.000 min  
Response: 8580688  
Conc: 96.92 ug/ml



#17 n-Tricontane (C30)

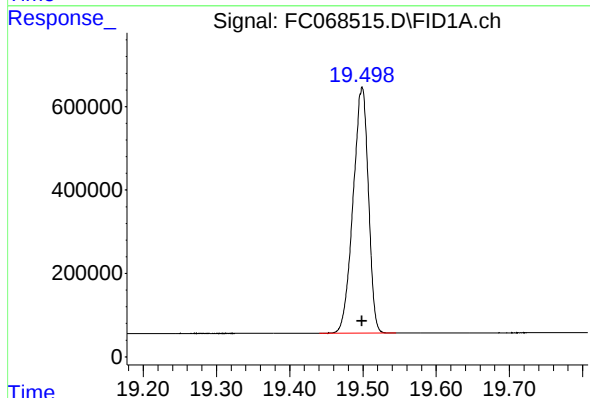
R.T.: 17.879 min  
Delta R.T.: 0.000 min  
Response: 8693384  
Conc: 97.56 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



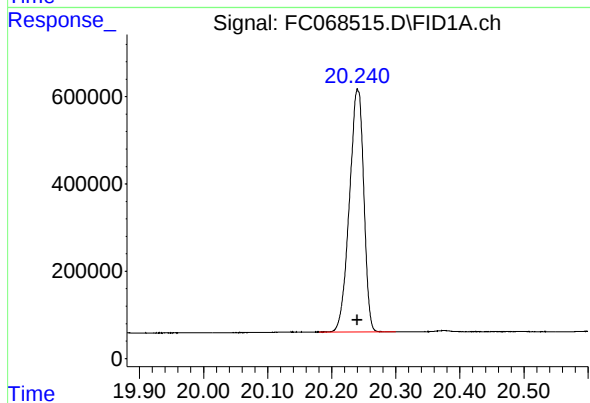
#18 n-Dotriacontane (C32)

R.T.: 18.714 min  
Delta R.T.: 0.000 min  
Response: 8726742  
Conc: 98.11 ug/ml



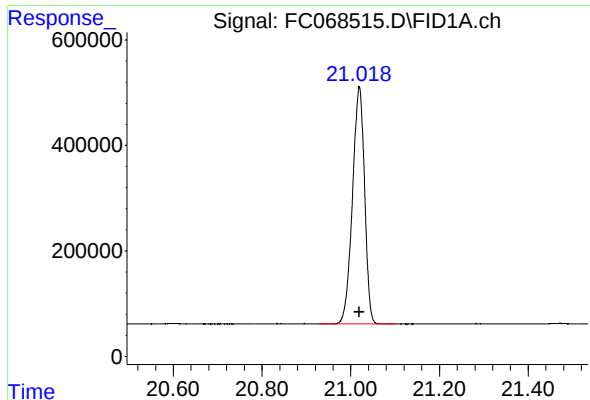
#19 n-Tetratriacontane (C34)

R.T.: 19.499 min  
Delta R.T.: 0.000 min  
Response: 8562598  
Conc: 98.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.240 min  
Delta R.T.: 0.000 min  
Response: 8639575  
Conc: 98.69 ug/ml



#21 n-Octatriacontane (C38)

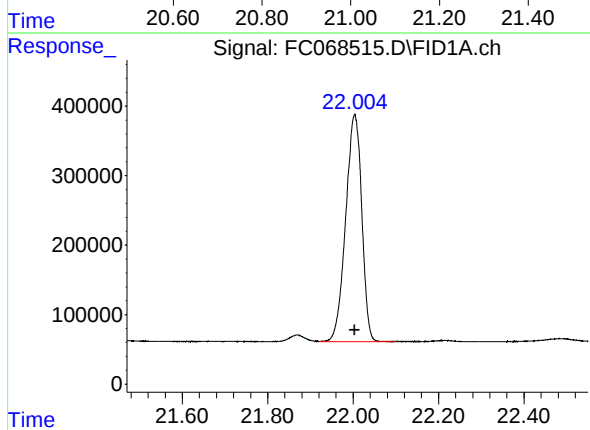
R.T.: 21.019 min  
Delta R.T.: 0.000 min  
Response: 8521663  
Conc: 98.54 ug/ml

Instrument :

FID\_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.004 min  
Delta R.T.: 0.000 min  
Response: 8542254  
Conc: 98.69 ug/ml

rteres

# Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
 Data File : FC068515.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Apr 2025 14:19  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Title : GC Extractables

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 3.453       | 3.370        | 3.492      | BV       | 1145582        | 9676433      | 83.20%         | 4.796%        |
| 2                       | 4.529       | 4.463        | 4.563      | BB       | 1078376        | 9659989      | 83.06%         | 4.787%        |
| 3                       | 6.128       | 6.072        | 6.158      | BV       | 1138205        | 10706854     | 92.06%         | 5.306%        |
| 4                       | 6.555       | 6.488        | 6.605      | BB       | 967686         | 9581268      | 82.38%         | 4.748%        |
| 5                       | 7.187       | 7.135        | 7.212      | BV       | 1064531        | 10590076     | 91.05%         | 5.248%        |
| 6                       | 8.352       | 8.283        | 8.398      | BB       | 872245         | 9286080      | 79.84%         | 4.602%        |
| 7                       | 9.956       | 9.882        | 10.007     | BB       | 832904         | 9145409      | 78.63%         | 4.532%        |
| 8                       | 11.401      | 11.355       | 11.452     | BB       | 815335         | 9035245      | 77.69%         | 4.478%        |
| 9                       | 11.728      | 11.655       | 11.768     | BB       | 999215         | 11630513     | 100.00%        | 5.764%        |
| 10                      | 12.711      | 12.645       | 12.762     | BB       | 736232         | 8860913      | 76.19%         | 4.391%        |
| 11                      | 13.158      | 13.085       | 13.203     | BB       | 702214         | 8442696      | 72.59%         | 4.184%        |
| 12                      | 13.324      | 13.252       | 13.377     | BB       | 710181         | 8797403      | 75.64%         | 4.360%        |
| 13                      | 13.911      | 13.845       | 13.977     | BB       | 699886         | 8749331      | 75.23%         | 4.336%        |
| 14                      | 15.015      | 14.937       | 15.070     | BB       | 660889         | 8697977      | 74.79%         | 4.311%        |
| 15                      | 16.037      | 15.990       | 16.088     | BB       | 681330         | 8649133      | 74.37%         | 4.286%        |
| 16                      | 16.989      | 16.922       | 17.042     | BB       | 627588         | 8580688      | 73.78%         | 4.253%        |
| 17                      | 17.879      | 17.798       | 17.927     | BB       | 624317         | 8693384      | 74.75%         | 4.308%        |
| 18                      | 18.714      | 18.642       | 18.760     | BB       | 617422         | 8726742      | 75.03%         | 4.325%        |
| 19                      | 19.499      | 19.440       | 19.545     | BB       | 589437         | 8562598      | 73.62%         | 4.244%        |
| 20                      | 20.240      | 20.180       | 20.300     | BB       | 556281         | 8639575      | 74.28%         | 4.282%        |
| 21                      | 21.019      | 20.928       | 21.102     | BB       | 451075         | 8521663      | 73.27%         | 4.223%        |
| 22                      | 22.004      | 21.920       | 22.100     | VB       | 327316         | 8542254      | 73.45%         | 4.234%        |
| Sum of corrected areas: |             |              |            |          |                | 201776225    |                |               |

Aliphatic EPH 040925.M Wed Apr 09 02:01:57 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
 Data File : FC068516.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Apr 2025 14:56  
 Operator : YP/AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Apr 08 16:13:04 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 16:09:32 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.725 | 6161100    | 50.356 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 100.71%      |
| 12) S 1-chlorooctadecane (S... | 13.157 | 4514187    | 50.566 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 101.13%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.450  | 5067341    | 50.185 ug/ml |
| 2) T n-Decane (C10)            | 4.527  | 5076375    | 50.277 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.125  | 5619945    | 50.263 ug/ml |
| 4) T n-Dodecane (C12)          | 6.553  | 5078941    | 50.435 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.185  | 5572356    | 50.187 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.351  | 4969100    | 50.562 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.955  | 4928238    | 50.657 ug/ml |
| 8) T n-Octadecane (C18)        | 11.400 | 4878449    | 50.714 ug/ml |
| 10) T n-Eicosane (C20)         | 12.711 | 4775746    | 50.664 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.324 | 4725926    | 50.625 ug/ml |
| 13) T n-Docosane (C22)         | 13.910 | 4681649    | 50.548 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.015 | 4612534    | 50.438 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.037 | 4527712    | 50.224 ug/ml |
| 16) T n-Octacosane (C28)       | 16.988 | 4424410    | 49.984 ug/ml |
| 17) T n-Tricontane (C30)       | 17.878 | 4424204    | 49.765 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.712 | 4393250    | 49.592 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.496 | 4277762    | 49.434 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.237 | 4294870    | 49.370 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.016 | 4234644    | 49.308 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.000 | 4228112    | 49.226 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

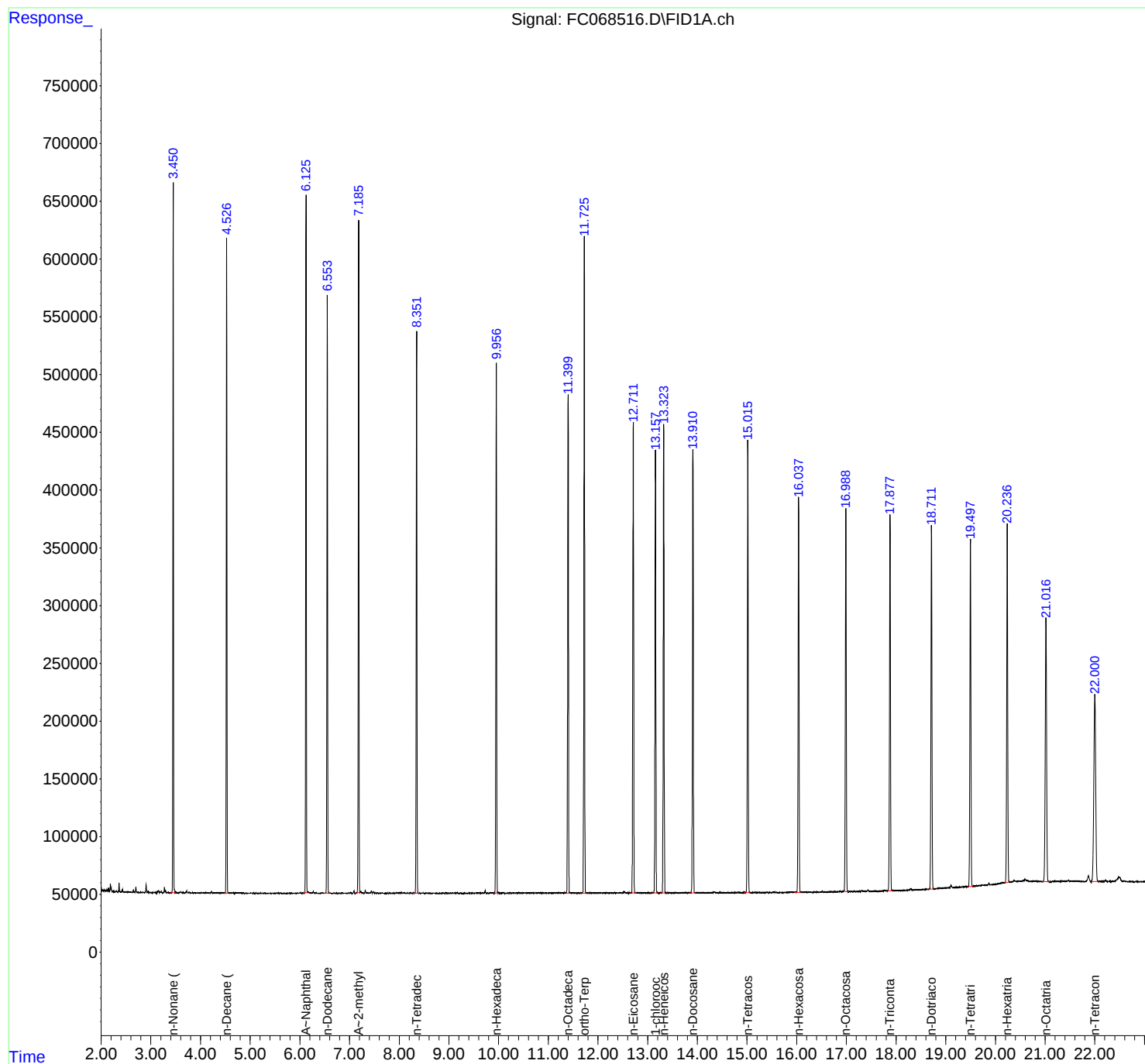
(m)=manual int.

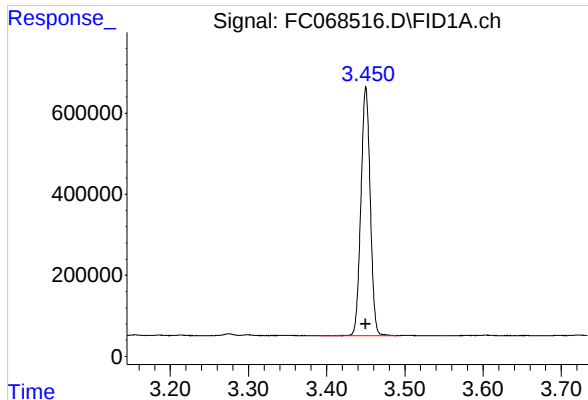
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
Data File : FC068516.D  
Signal(s) : FID1A.ch  
Acq On : 08 Apr 2025 14:56  
Operator : YP/AJ  
Sample : 50 PPM ALIPHATIC HC STD2  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
Quant Time: Apr 08 16:13:04 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 08 16:09:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

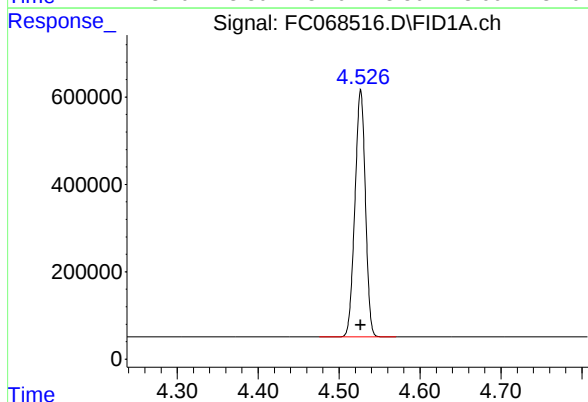




#1 n-Nonane (C9)

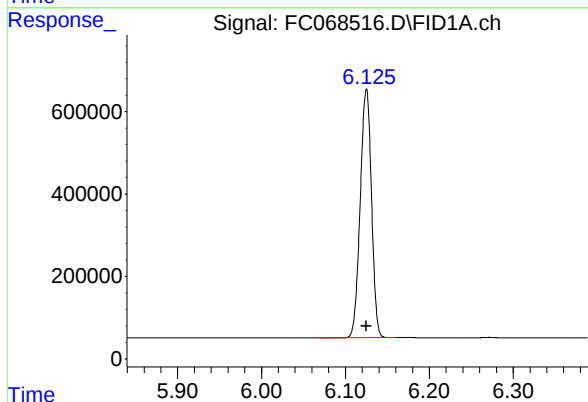
R.T.: 3.450 min  
Delta R.T.: 0.000 min  
Response: 5067341  
Conc: 50.18 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



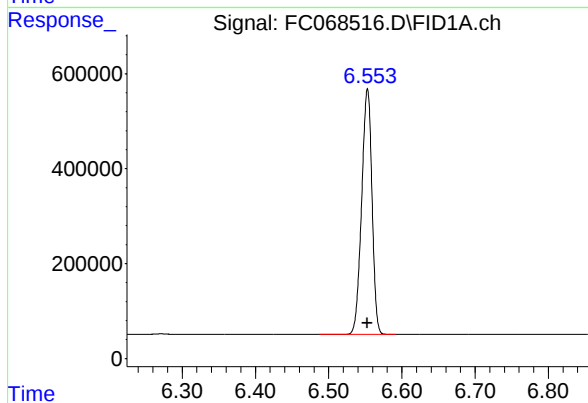
#2 n-Decane (C10)

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 5076375  
Conc: 50.28 ug/ml



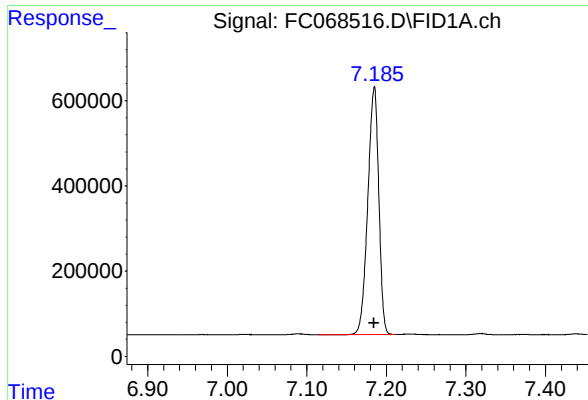
#3 A~Naphthalene (C11.7)

R.T.: 6.125 min  
Delta R.T.: 0.000 min  
Response: 5619945  
Conc: 50.26 ug/ml



#4 n-Dodecane (C12)

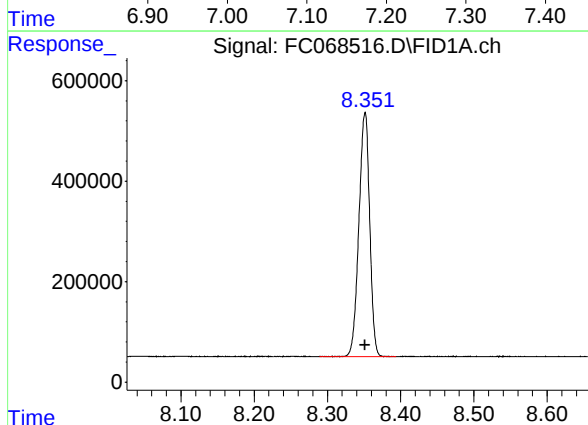
R.T.: 6.553 min  
Delta R.T.: 0.000 min  
Response: 5078941  
Conc: 50.44 ug/ml



#5 A~2-methylnaphthalene (C12.89)

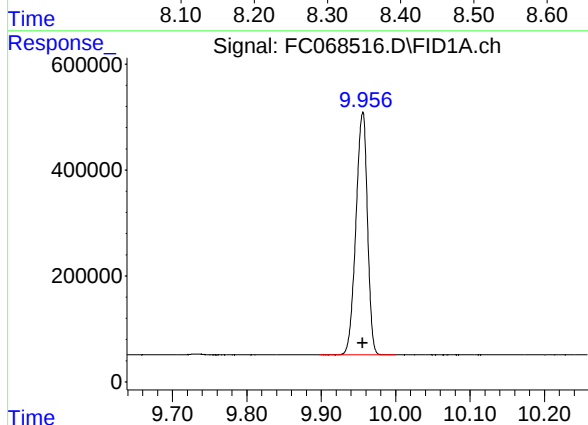
R.T.: 7.185 min  
Delta R.T.: 0.000 min  
Response: 5572356  
Conc: 50.19 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



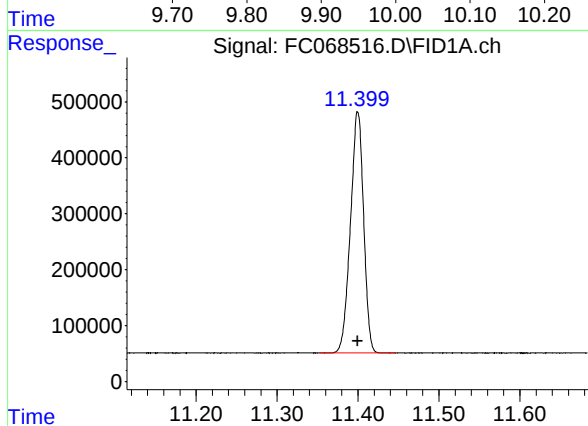
#6 n-Tetradecane (C14)

R.T.: 8.351 min  
Delta R.T.: 0.000 min  
Response: 4969100  
Conc: 50.56 ug/ml



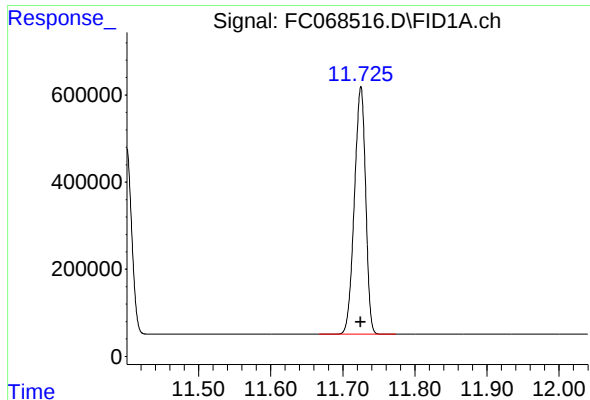
#7 n-Hexadecane (C16)

R.T.: 9.955 min  
Delta R.T.: 0.000 min  
Response: 4928238  
Conc: 50.66 ug/ml



#8 n-Octadecane (C18)

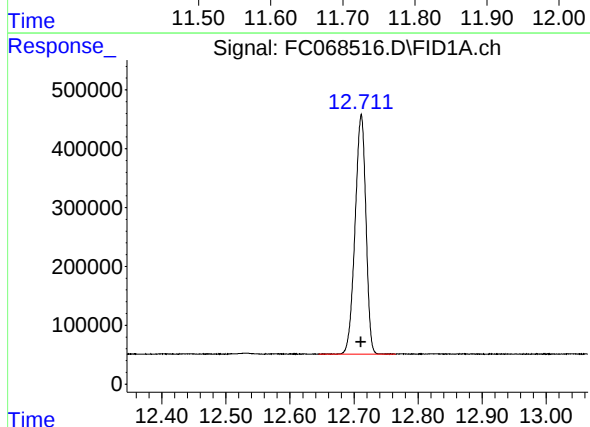
R.T.: 11.400 min  
Delta R.T.: 0.000 min  
Response: 4878449  
Conc: 50.71 ug/ml



#9 ortho-Terphenyl (SURR)

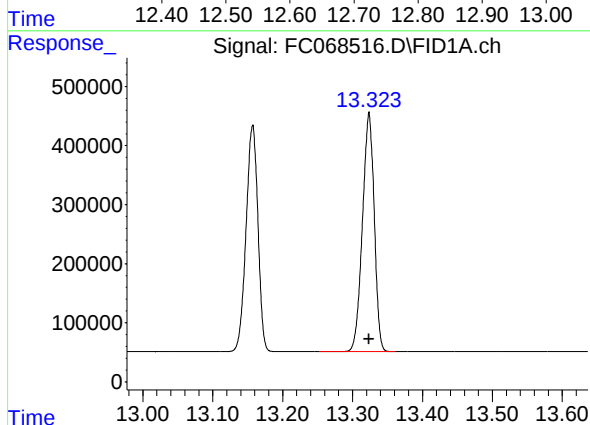
R.T.: 11.725 min  
Delta R.T.: 0.000 min  
Response: 6161100  
Conc: 50.36 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



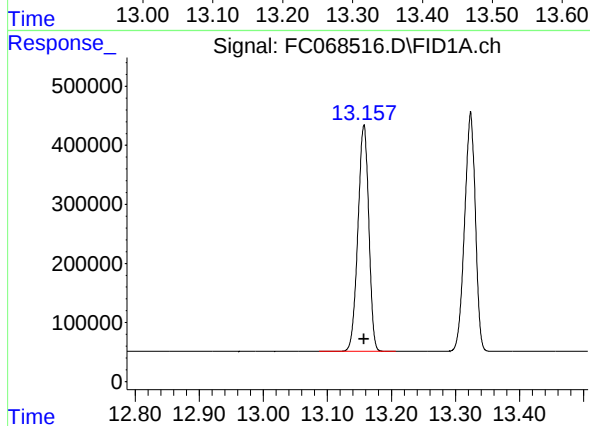
#10 n-Eicosane (C20)

R.T.: 12.711 min  
Delta R.T.: 0.000 min  
Response: 4775746  
Conc: 50.66 ug/ml



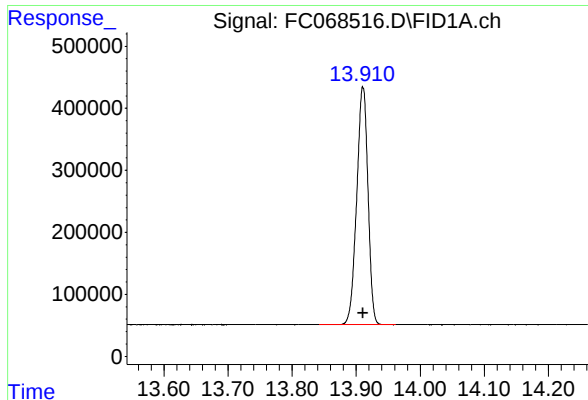
#11 n-Heneicosane (C21)

R.T.: 13.324 min  
Delta R.T.: 0.000 min  
Response: 4725926  
Conc: 50.63 ug/ml



#12 1-chlorooctadecane (SURR)

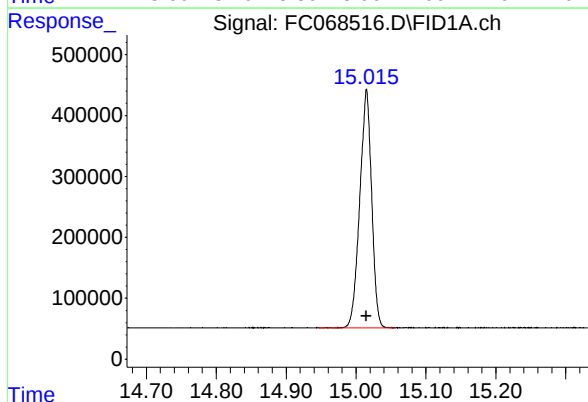
R.T.: 13.157 min  
Delta R.T.: 0.000 min  
Response: 4514187  
Conc: 50.57 ug/ml



#13 n-Docosane (C22)

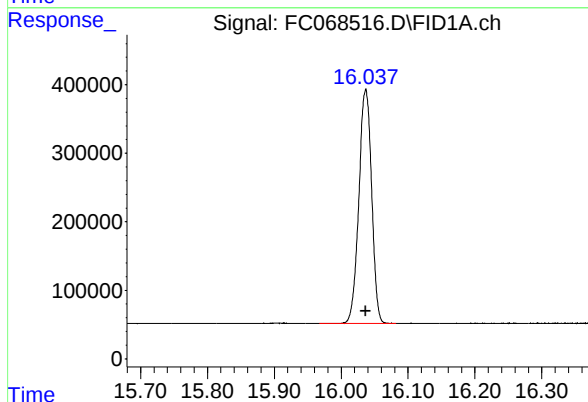
R.T.: 13.910 min  
Delta R.T.: 0.000 min  
Response: 4681649  
Conc: 50.55 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



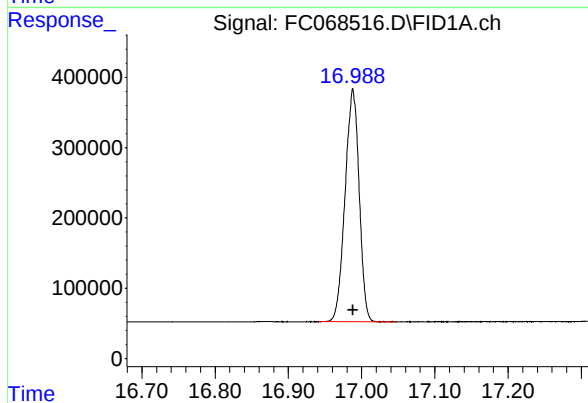
#14 n-Tetracosane (C24)

R.T.: 15.015 min  
Delta R.T.: 0.000 min  
Response: 4612534  
Conc: 50.44 ug/ml



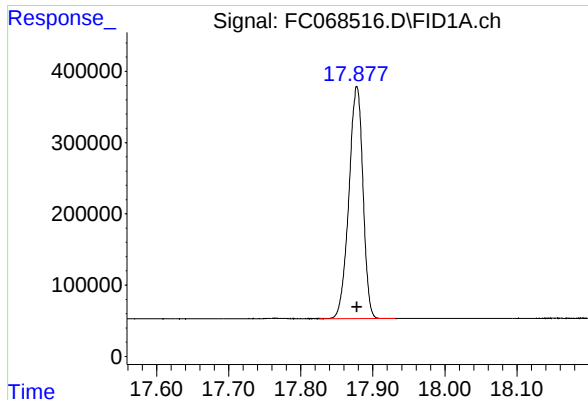
#15 n-Hexacosane (C26)

R.T.: 16.037 min  
Delta R.T.: 0.000 min  
Response: 4527712  
Conc: 50.22 ug/ml



#16 n-Octacosane (C28)

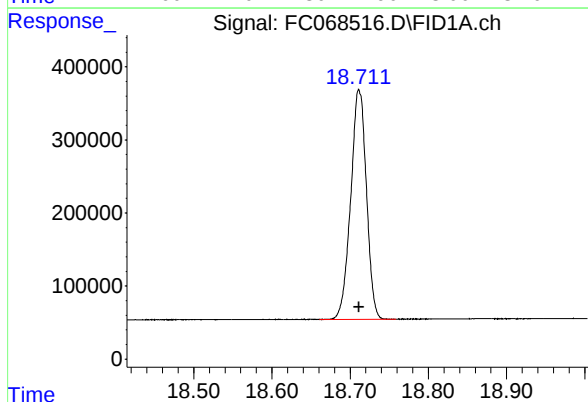
R.T.: 16.988 min  
Delta R.T.: 0.000 min  
Response: 4424410  
Conc: 49.98 ug/ml



#17 n-Tricontane (C30)

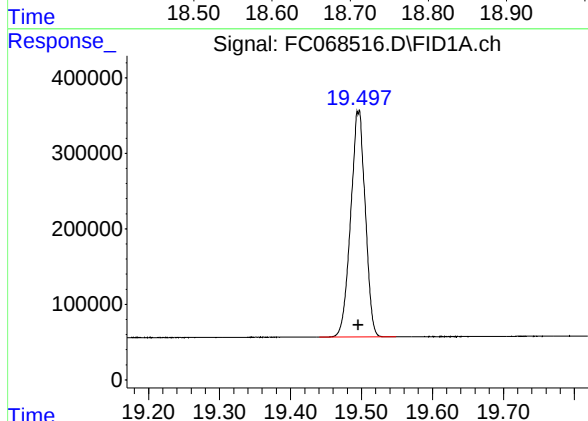
R.T.: 17.878 min  
Delta R.T.: 0.000 min  
Response: 4424204  
Conc: 49.77 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



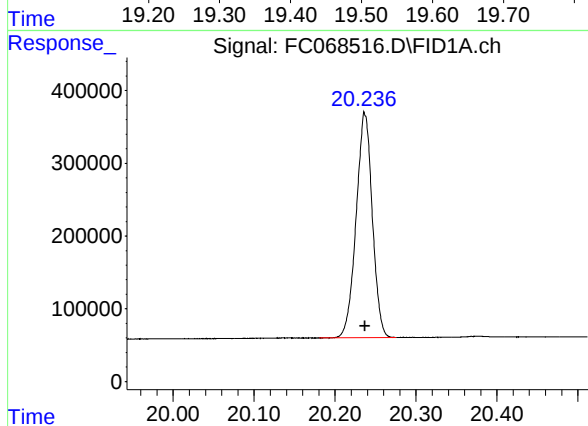
#18 n-Dotriacontane (C32)

R.T.: 18.712 min  
Delta R.T.: 0.000 min  
Response: 4393250  
Conc: 49.59 ug/ml



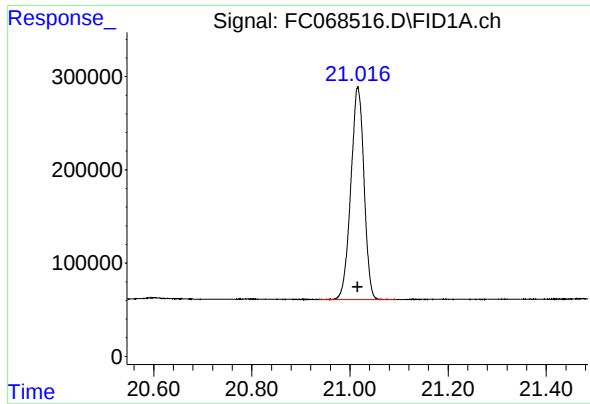
#19 n-Tetratriacontane (C34)

R.T.: 19.496 min  
Delta R.T.: 0.000 min  
Response: 4277762  
Conc: 49.43 ug/ml



#20 n-Hexatriacontane (C36)

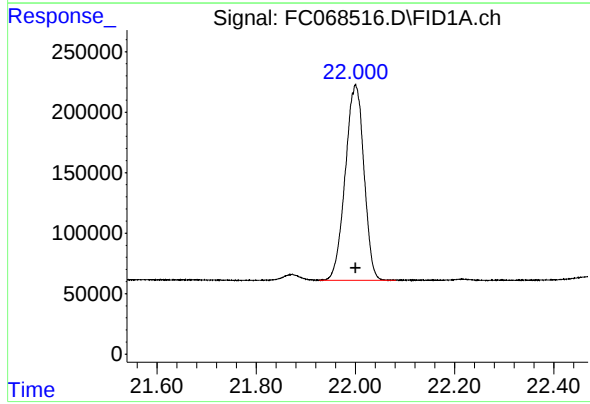
R.T.: 20.237 min  
Delta R.T.: 0.000 min  
Response: 4294870  
Conc: 49.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.016 min  
Delta R.T.: 0.000 min  
Response: 4234644  
Conc: 49.31 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.000 min  
Delta R.T.: 0.000 min  
Response: 4228112  
Conc: 49.23 ug/ml

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
Data File : FC068516.D  
Signal(s) : FID1A.ch  
Acq On : 08 Apr 2025 14:56  
Sample : 50 PPM ALIPHATIC HC STD2  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Title : GC Extractables

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 3.450       | 3.390        | 3.489      | BV       | 614195         | 5067341      | 82.25%         | 4.805%        |
| 2                       | 4.527       | 4.475        | 4.570      | BB       | 566581         | 5076375      | 82.39%         | 4.813%        |
| 3                       | 6.125       | 6.069        | 6.160      | BV       | 605260         | 5619945      | 91.22%         | 5.329%        |
| 4                       | 6.553       | 6.487        | 6.592      | BB       | 518970         | 5078941      | 82.44%         | 4.816%        |
| 5                       | 7.185       | 7.115        | 7.212      | BV       | 587046         | 5572356      | 90.44%         | 5.284%        |
| 6                       | 8.351       | 8.289        | 8.394      | BB       | 488782         | 4969100      | 80.65%         | 4.712%        |
| 7                       | 9.955       | 9.897        | 10.000     | BB       | 457482         | 4928238      | 79.99%         | 4.673%        |
| 8                       | 11.400      | 11.352       | 11.447     | BB       | 430140         | 4878449      | 79.18%         | 4.626%        |
| 9                       | 11.725      | 11.667       | 11.774     | BB       | 570322         | 6161100      | 100.00%        | 5.842%        |
| 10                      | 12.711      | 12.645       | 12.765     | BB       | 404785         | 4775746      | 77.51%         | 4.528%        |
| 11                      | 13.157      | 13.087       | 13.207     | BB       | 383072         | 4514187      | 73.27%         | 4.280%        |
| 12                      | 13.324      | 13.252       | 13.362     | BB       | 405122         | 4725926      | 76.71%         | 4.481%        |
| 13                      | 13.910      | 13.842       | 13.962     | BB       | 383565         | 4681649      | 75.99%         | 4.439%        |
| 14                      | 15.015      | 14.947       | 15.057     | BB       | 393040         | 4612534      | 74.87%         | 4.373%        |
| 15                      | 16.037      | 15.990       | 16.082     | BB       | 342528         | 4526622      | 73.47%         | 4.292%        |
| 16                      | 16.988      | 16.942       | 17.047     | BB       | 330582         | 4424410      | 71.81%         | 4.195%        |
| 17                      | 17.878      | 17.825       | 17.932     | BB       | 326941         | 4424204      | 71.81%         | 4.195%        |
| 18                      | 18.712      | 18.660       | 18.759     | BB       | 312516         | 4393250      | 71.31%         | 4.166%        |
| 19                      | 19.496      | 19.440       | 19.549     | BB       | 296964         | 4277762      | 69.43%         | 4.056%        |
| 20                      | 20.237      | 20.180       | 20.275     | BB       | 306583         | 4294870      | 69.71%         | 4.072%        |
| 21                      | 21.016      | 20.937       | 21.094     | BB       | 228457         | 4234644      | 68.73%         | 4.015%        |
| 22                      | 22.000      | 21.927       | 22.082     | VB       | 161807         | 4228112      | 68.63%         | 4.009%        |
| Sum of corrected areas: |             |              |            |          |                | 105465761    |                |               |

Aliphatic EPH 040925.M Wed Apr 09 02:02:27 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
 Data File : FC068517.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Apr 2025 15:34  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD3  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e  
 Quant Time: Apr 08 16:09:48 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 16:09:32 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.722 | 2550464    | 20.000 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| 12) S 1-chlorooctadecane (S... | 13.154 | 1862131    | 20.000 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.449  | 2096221    | 20.000 ug/ml |
| 2) T n-Decane (C10)            | 4.526  | 2095530    | 20.000 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.124  | 2319276    | 20.000 ug/ml |
| 4) T n-Dodecane (C12)          | 6.551  | 2094281    | 20.000 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.183  | 2314991    | 20.000 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.350  | 2051743    | 20.000 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.953  | 2036847    | 20.000 ug/ml |
| 8) T n-Octadecane (C18)        | 11.397 | 2013255    | 20.000 ug/ml |
| 10) T n-Eicosane (C20)         | 12.708 | 1973342    | 20.000 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.320 | 1951198    | 20.000 ug/ml |
| 13) T n-Docosane (C22)         | 13.907 | 1934500    | 20.000 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.012 | 1902333    | 20.000 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.034 | 1867179    | 20.000 ug/ml |
| 16) T n-Octacosane (C28)       | 16.985 | 1825121    | 20.000 ug/ml |
| 17) T n-Tricontane (C30)       | 17.874 | 1825746    | 20.000 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.708 | 1812670    | 20.000 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.492 | 1768427    | 20.000 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.234 | 1773721    | 20.000 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.012 | 1754719    | 20.000 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.991 | 1753808    | 20.000 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

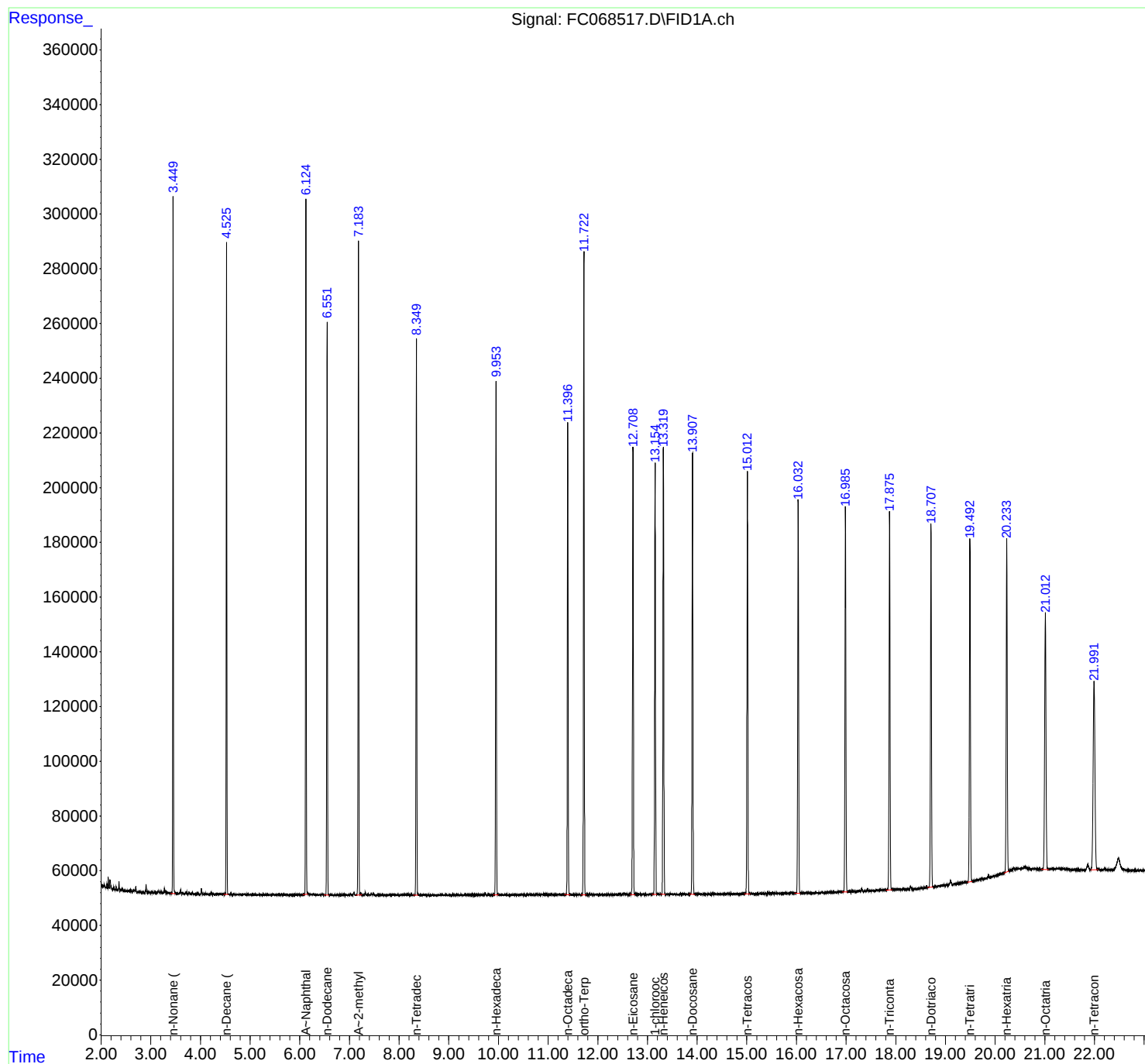
(m)=manual int.

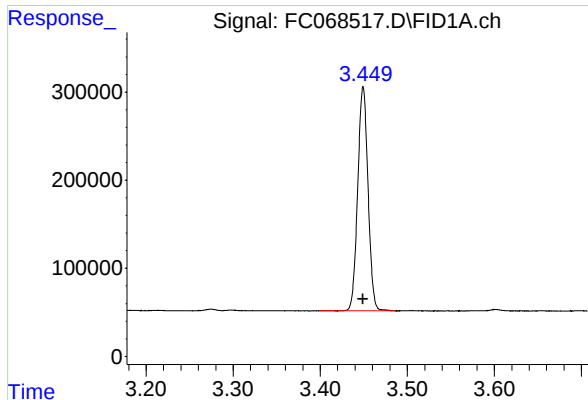
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
Data File : FC068517.D  
Signal(s) : FID1A.ch  
Acq On : 08 Apr 2025 15:34  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD3  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e  
Quant Time: Apr 08 16:09:48 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 08 16:09:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

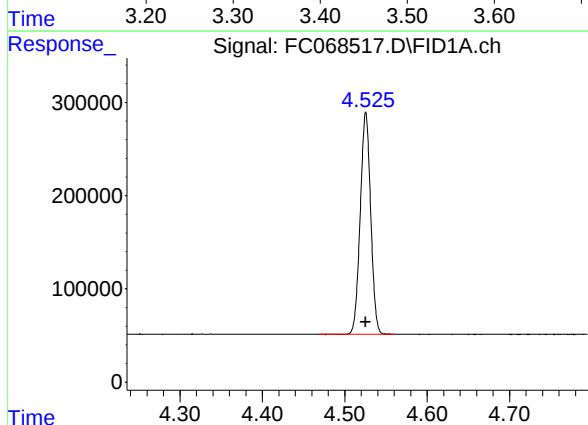




#1 n-Nonane (C9)

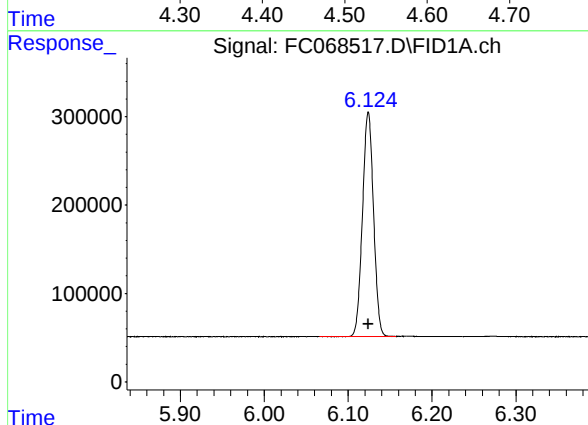
R.T.: 3.449 min  
Delta R.T.: 0.000 min  
Response: 2096221  
Conc: 20.00 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3



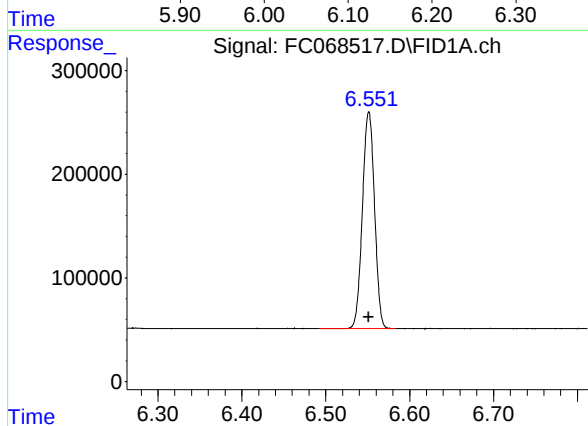
#2 n-Decane (C10)

R.T.: 4.526 min  
Delta R.T.: 0.000 min  
Response: 2095530  
Conc: 20.00 ug/ml



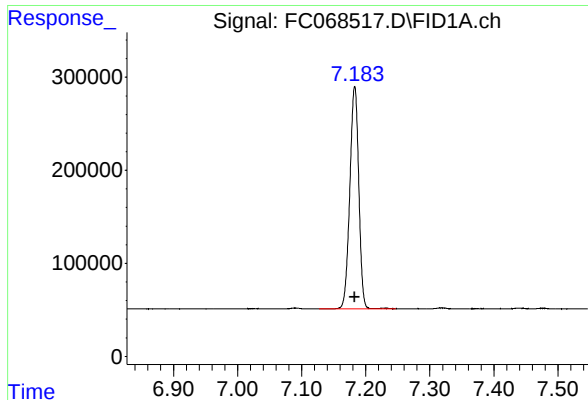
#3 A~Naphthalene (C11.7)

R.T.: 6.124 min  
Delta R.T.: 0.000 min  
Response: 2319276  
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

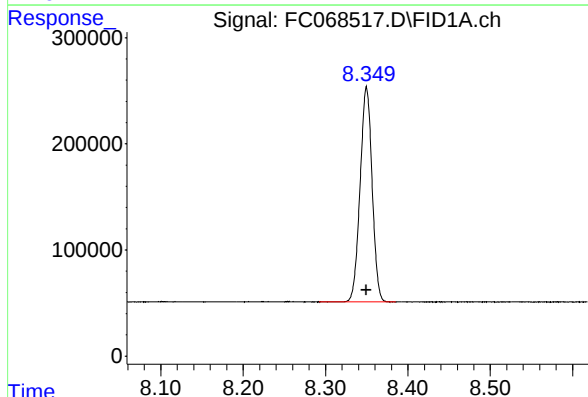
R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 2094281  
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

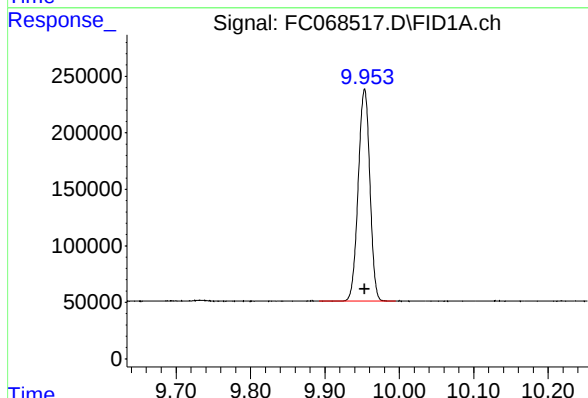
R.T.: 7.183 min  
Delta R.T.: 0.000 min  
Response: 2314991  
Conc: 20.00 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3



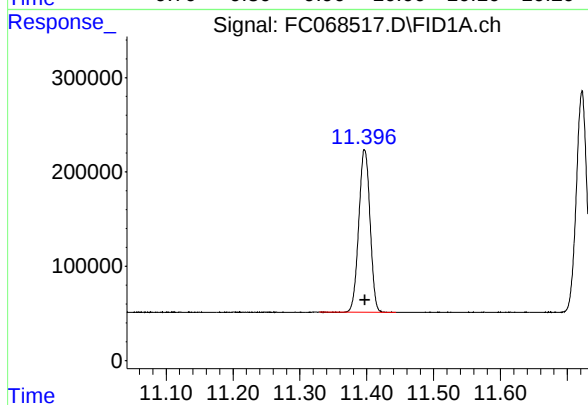
#6 n-Tetradecane (C14)

R.T.: 8.350 min  
Delta R.T.: 0.000 min  
Response: 2051743  
Conc: 20.00 ug/ml



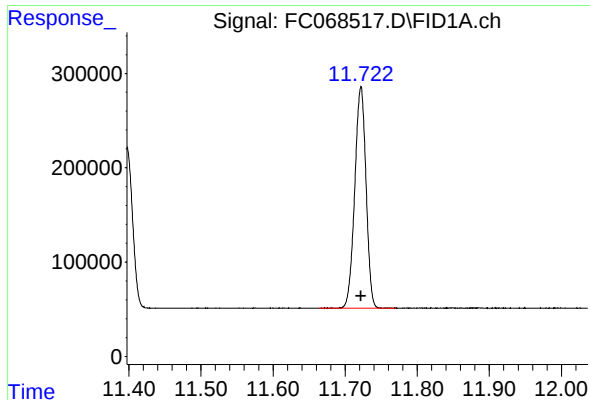
#7 n-Hexadecane (C16)

R.T.: 9.953 min  
Delta R.T.: 0.000 min  
Response: 2036847  
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

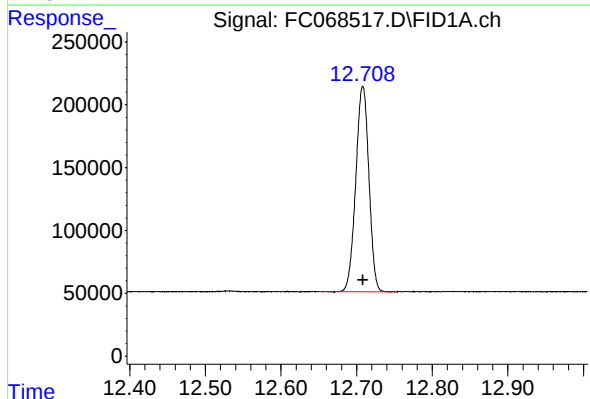
R.T.: 11.397 min  
Delta R.T.: 0.000 min  
Response: 2013255  
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

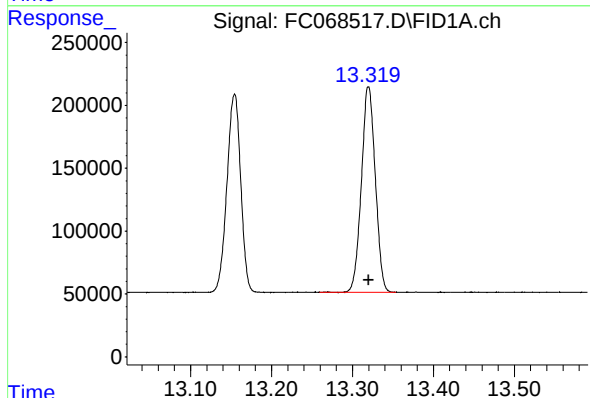
R.T.: 11.722 min  
Delta R.T.: 0.000 min  
Response: 2550464  
Conc: 20.00 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3



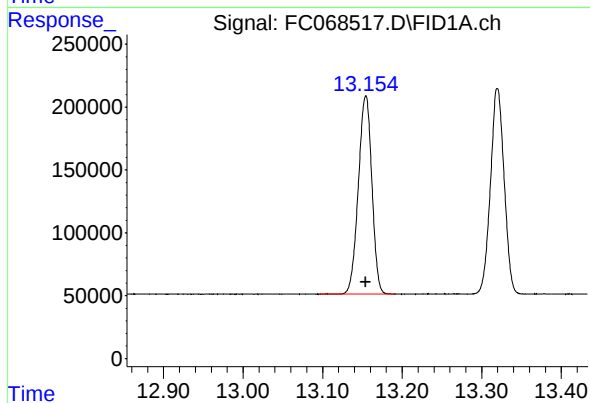
#10 n-Eicosane (C20)

R.T.: 12.708 min  
Delta R.T.: 0.000 min  
Response: 1973342  
Conc: 20.00 ug/ml



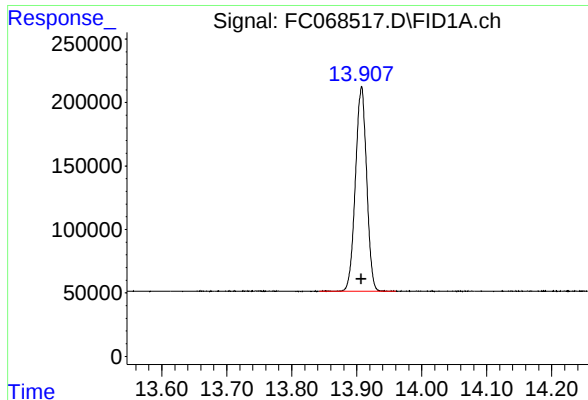
#11 n-Heneicosane (C21)

R.T.: 13.320 min  
Delta R.T.: 0.000 min  
Response: 1951198  
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

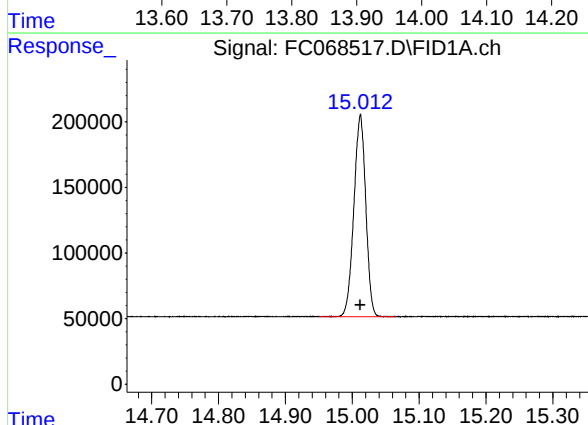
R.T.: 13.154 min  
Delta R.T.: 0.000 min  
Response: 1862131  
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

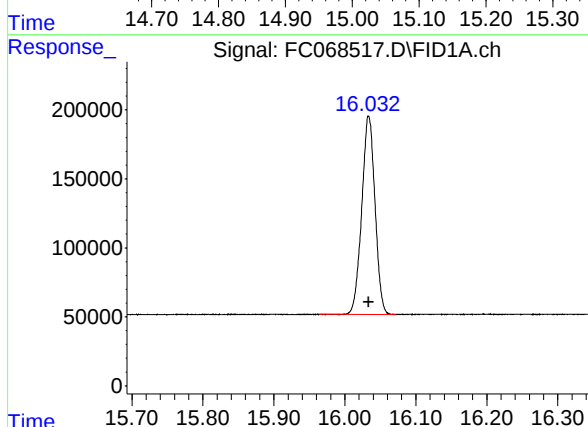
R.T.: 13.907 min  
Delta R.T.: 0.000 min  
Response: 1934500  
Conc: 20.00 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3



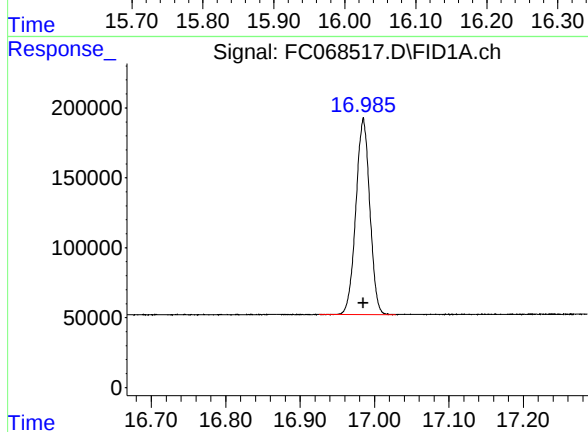
#14 n-Tetracosane (C24)

R.T.: 15.012 min  
Delta R.T.: 0.000 min  
Response: 1902333  
Conc: 20.00 ug/ml



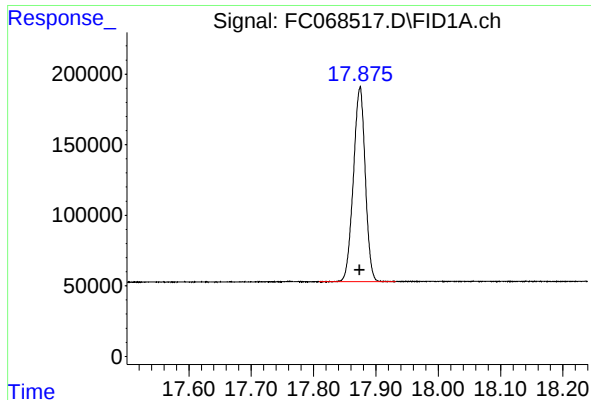
#15 n-Hexacosane (C26)

R.T.: 16.034 min  
Delta R.T.: 0.000 min  
Response: 1867179  
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

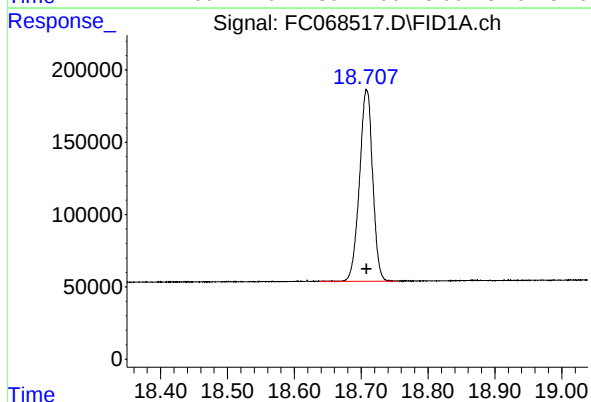
R.T.: 16.985 min  
Delta R.T.: 0.000 min  
Response: 1825121  
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

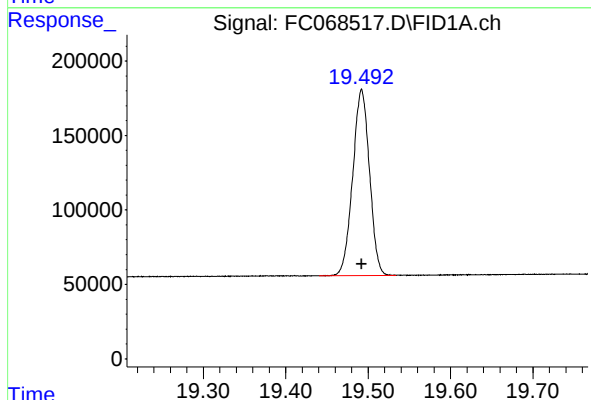
R.T.: 17.874 min  
Delta R.T.: 0.000 min  
Response: 1825746  
Conc: 20.00 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3



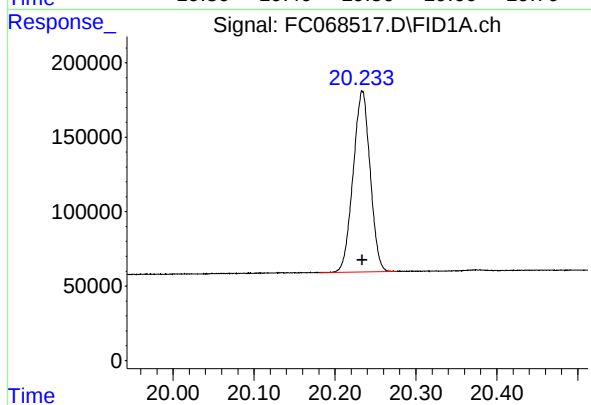
#18 n-Dotriacontane (C32)

R.T.: 18.708 min  
Delta R.T.: 0.000 min  
Response: 1812670  
Conc: 20.00 ug/ml



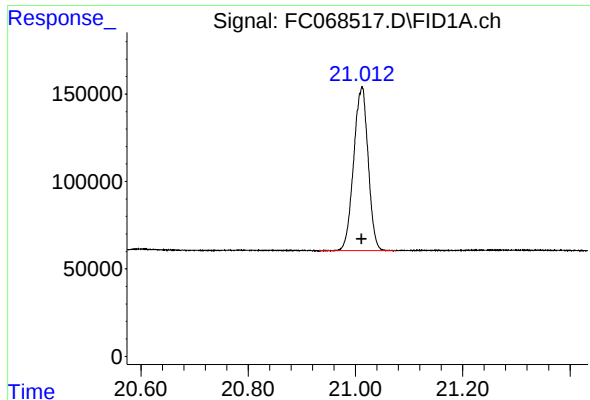
#19 n-Tetatriacontane (C34)

R.T.: 19.492 min  
Delta R.T.: 0.000 min  
Response: 1768427  
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

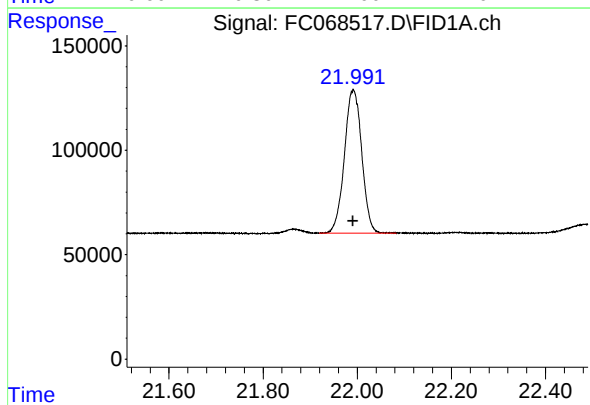
R.T.: 20.234 min  
Delta R.T.: 0.000 min  
Response: 1773721  
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.012 min  
Delta R.T.: 0.000 min  
Response: 1754719  
Conc: 20.00 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.991 min  
Delta R.T.: 0.000 min  
Response: 1753808  
Conc: 20.00 ug/ml

rteres

# Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
 Data File : FC068517.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Apr 2025 15:34  
 Sample : 20 PPM ALIPHATIC HC STD3  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Title : GC Extractables

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 3.449       | 3.399        | 3.487      | BV       | 253958         | 2096221      | 82.19%         | 4.810%        |
| 2                       | 4.526       | 4.469        | 4.562      | BB       | 238340         | 2095530      | 82.16%         | 4.809%        |
| 3                       | 6.124       | 6.065        | 6.157      | BB       | 253815         | 2319276      | 90.94%         | 5.322%        |
| 4                       | 6.551       | 6.492        | 6.584      | BB       | 209737         | 2094281      | 82.11%         | 4.806%        |
| 5                       | 7.183       | 7.127        | 7.247      | BB       | 239201         | 2314991      | 90.77%         | 5.312%        |
| 6                       | 8.350       | 8.292        | 8.385      | BB       | 201953         | 2051743      | 80.45%         | 4.708%        |
| 7                       | 9.953       | 9.892        | 9.995      | BB       | 188220         | 2036847      | 79.86%         | 4.674%        |
| 8                       | 11.397      | 11.329       | 11.444     | BB       | 171872         | 2013255      | 78.94%         | 4.620%        |
| 9                       | 11.722      | 11.664       | 11.770     | BB       | 235078         | 2550464      | 100.00%        | 5.853%        |
| 10                      | 12.708      | 12.650       | 12.752     | BB       | 163857         | 1973342      | 77.37%         | 4.528%        |
| 11                      | 13.154      | 13.095       | 13.192     | BB       | 157485         | 1862131      | 73.01%         | 4.273%        |
| 12                      | 13.320      | 13.259       | 13.354     | BB       | 163602         | 1951198      | 76.50%         | 4.478%        |
| 13                      | 13.907      | 13.842       | 13.960     | BB       | 161073         | 1934500      | 75.85%         | 4.439%        |
| 14                      | 15.012      | 14.950       | 15.065     | BB       | 154219         | 1902333      | 74.59%         | 4.365%        |
| 15                      | 16.034      | 15.990       | 16.072     | BB       | 143647         | 1867249      | 73.21%         | 4.285%        |
| 16                      | 16.985      | 16.925       | 17.029     | BB       | 140633         | 1825121      | 71.56%         | 4.188%        |
| 17                      | 17.874      | 17.809       | 17.932     | BB       | 137283         | 1825746      | 71.58%         | 4.190%        |
| 18                      | 18.708      | 18.637       | 18.752     | BB       | 132106         | 1812670      | 71.07%         | 4.160%        |
| 19                      | 19.492      | 19.440       | 19.534     | BB       | 125064         | 1768427      | 69.34%         | 4.058%        |
| 20                      | 20.234      | 20.180       | 20.275     | BB       | 121667         | 1773721      | 69.55%         | 4.070%        |
| 21                      | 21.012      | 20.932       | 21.075     | BB       | 93948          | 1754719      | 68.80%         | 4.027%        |
| 22                      | 21.991      | 21.919       | 22.082     | BB       | 68732          | 1753808      | 68.76%         | 4.025%        |
| Sum of corrected areas: |             |              |            |          |                |              | 43577572       |               |

Aliphatic EPH 040925.M Wed Apr 09 02:02:52 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
 Data File : FC068518.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Apr 2025 16:12  
 Operator : YP/AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e  
 Quant Time: Apr 08 17:03:34 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 17:03:20 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.720 | 1388282    | 10.977 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.95%       |
| 12) S 1-chlorooctadecane (S... | 13.154 | 1026505    | 11.083 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 22.17%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.450  | 1136561    | 10.913 ug/ml |
| 2) T n-Decane (C10)            | 4.525  | 1140863    | 10.944 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.124  | 1256563    | 10.901 ug/ml |
| 4) T n-Dodecane (C12)          | 6.551  | 1144968    | 10.993 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.181  | 1247891    | 10.901 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.348  | 1128652    | 11.073 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.952  | 1124488    | 11.125 ug/ml |
| 8) T n-Octadecane (C18)        | 11.396 | 1115425    | 11.151 ug/ml |
| 10) T n-Eicosane (C20)         | 12.707 | 1092518    | 11.147 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.320 | 1082284    | 11.149 ug/ml |
| 13) T n-Docosane (C22)         | 13.907 | 1070404    | 11.124 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.011 | 1051523    | 11.083 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.034 | 1022441    | 10.974 ug/ml |
| 16) T n-Octacosane (C28)       | 16.985 | 993075     | 10.887 ug/ml |
| 17) T n-Tricontane (C30)       | 17.873 | 990582     | 10.833 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.707 | 985052     | 10.817 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.492 | 949339     | 10.711 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.233 | 947135     | 10.651 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.009 | 932368     | 10.629 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.991 | 924309     | 10.560 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

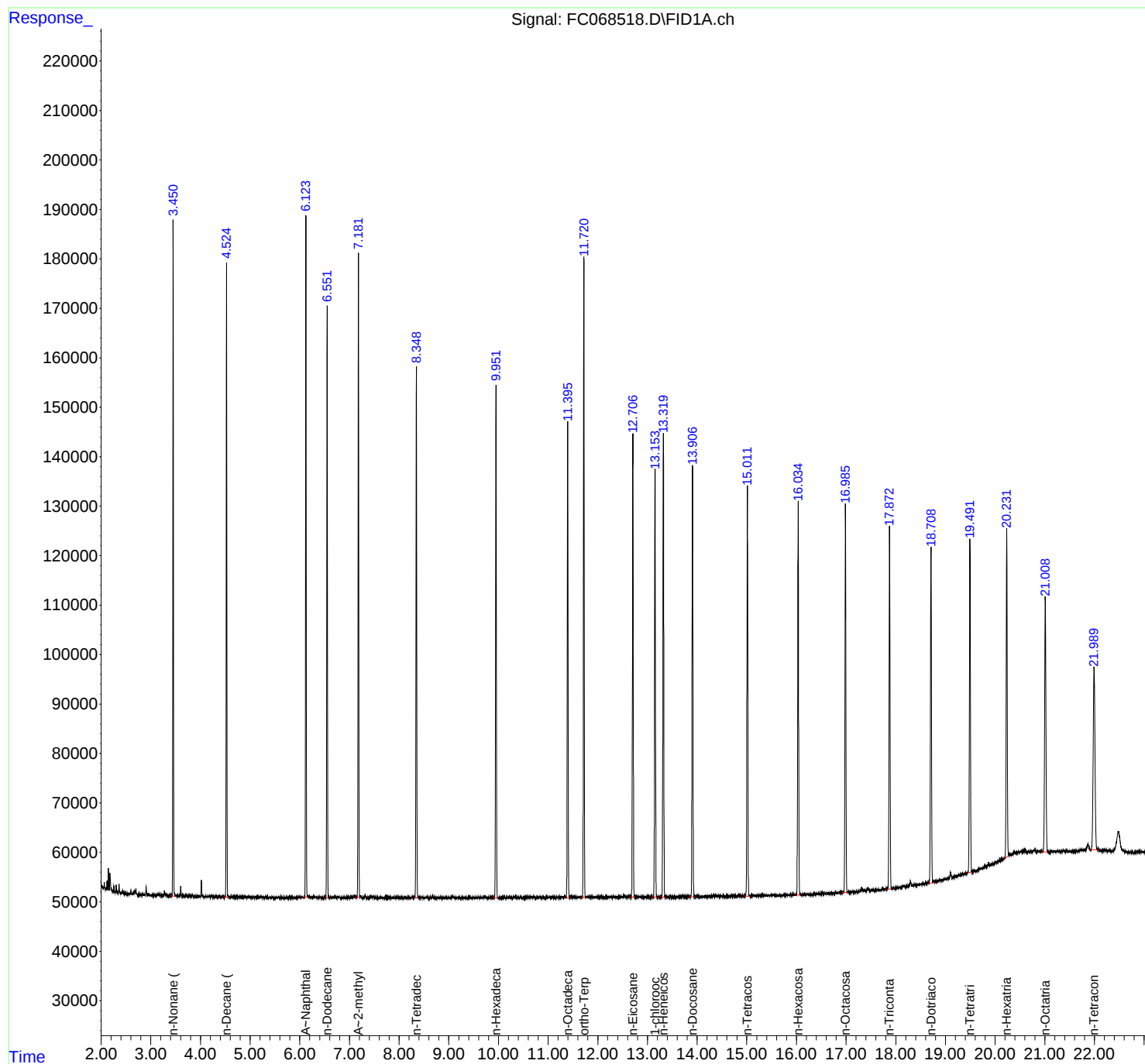
(m)=manual int.

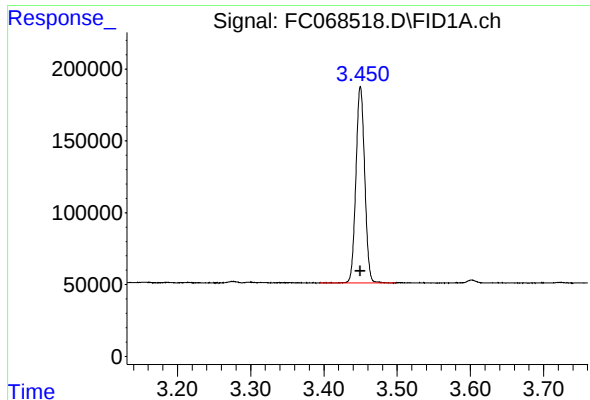
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
Data File : FC068518.D  
Signal(s) : FID1A.ch  
Acq On : 08 Apr 2025 16:12  
Operator : YP/AJ  
Sample : 10 PPM ALIPHATIC HC STD4  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e  
Quant Time: Apr 08 17:03:34 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 08 17:03:20 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

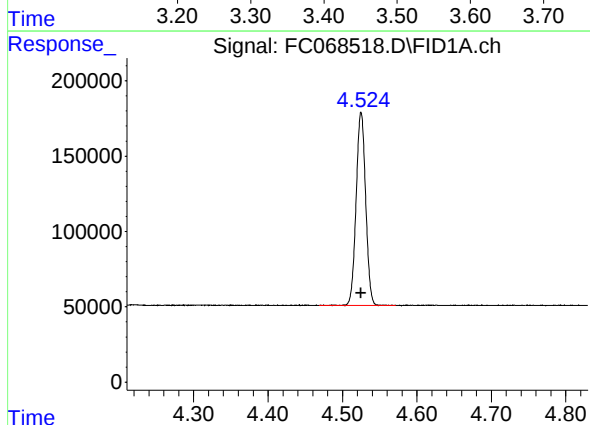




#1 n-Nonane (C9)

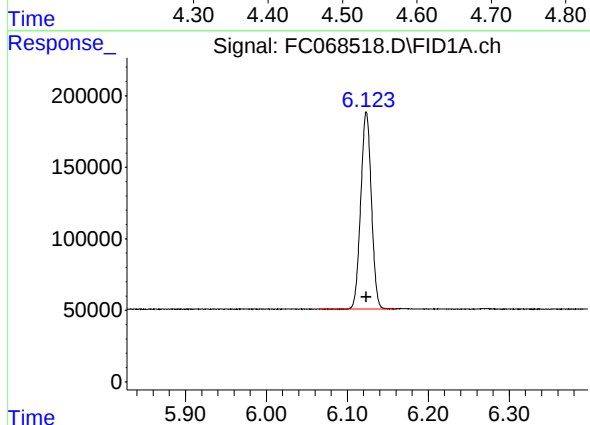
R.T.: 3.450 min  
Delta R.T.: 0.000 min  
Response: 1136561  
Conc: 10.91 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



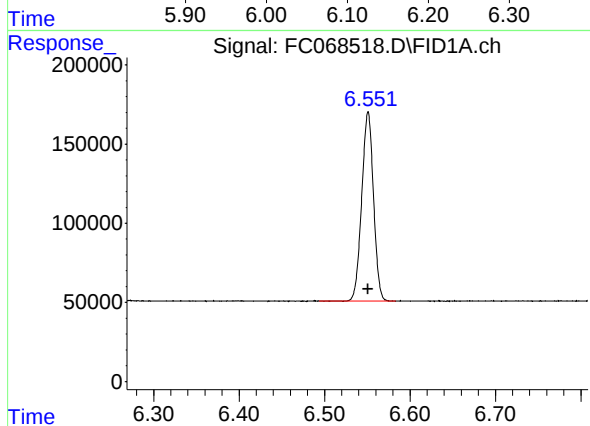
#2 n-Decane (C10)

R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 1140863  
Conc: 10.94 ug/ml



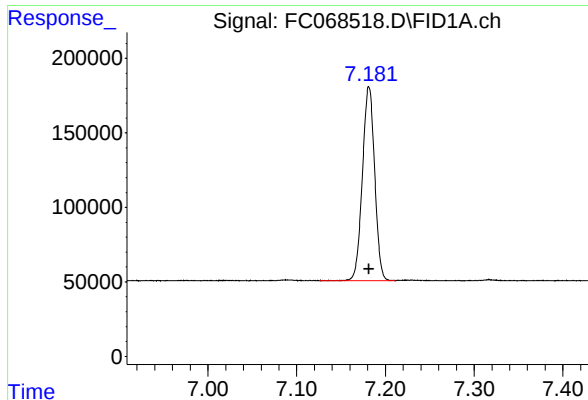
#3 A~Naphthalene (C11.7)

R.T.: 6.124 min  
Delta R.T.: 0.000 min  
Response: 1256563  
Conc: 10.90 ug/ml



#4 n-Dodecane (C12)

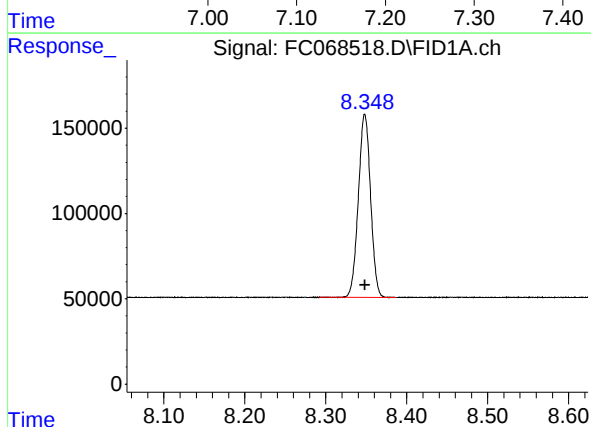
R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 1144968  
Conc: 10.99 ug/ml



#5 A~2-methylnaphthalene (C12.89)

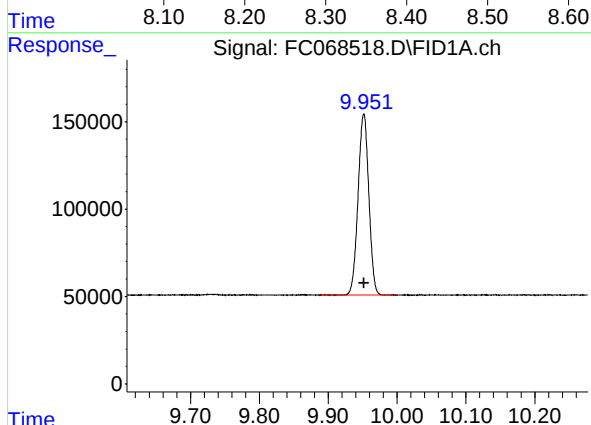
R.T.: 7.181 min  
Delta R.T.: 0.000 min  
Response: 1247891  
Conc: 10.90 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



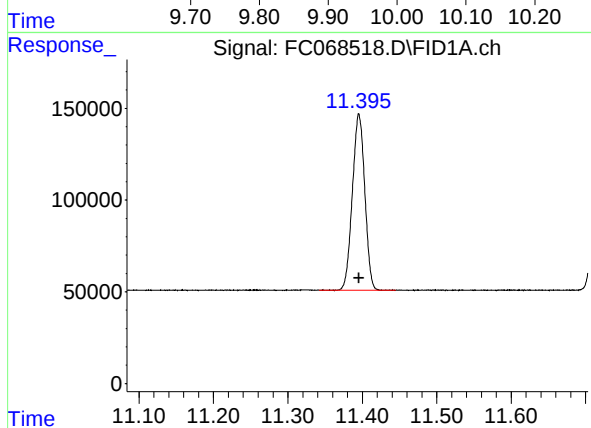
#6 n-Tetradecane (C14)

R.T.: 8.348 min  
Delta R.T.: 0.000 min  
Response: 1128652  
Conc: 11.07 ug/ml



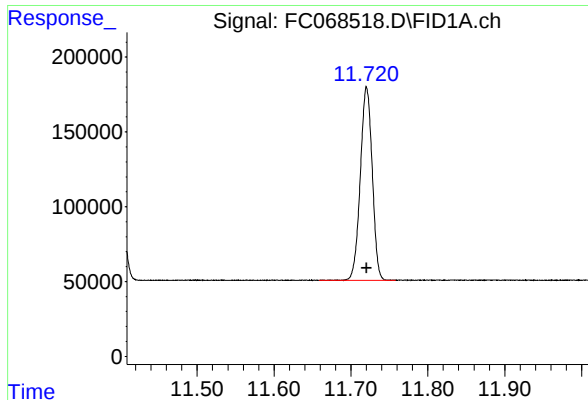
#7 n-Hexadecane (C16)

R.T.: 9.952 min  
Delta R.T.: 0.000 min  
Response: 1124488  
Conc: 11.13 ug/ml



#8 n-Octadecane (C18)

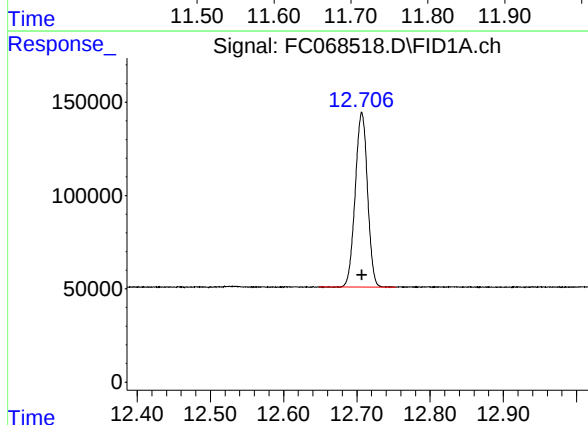
R.T.: 11.396 min  
Delta R.T.: 0.000 min  
Response: 1115425  
Conc: 11.15 ug/ml



#9 ortho-Terphenyl (SURR)

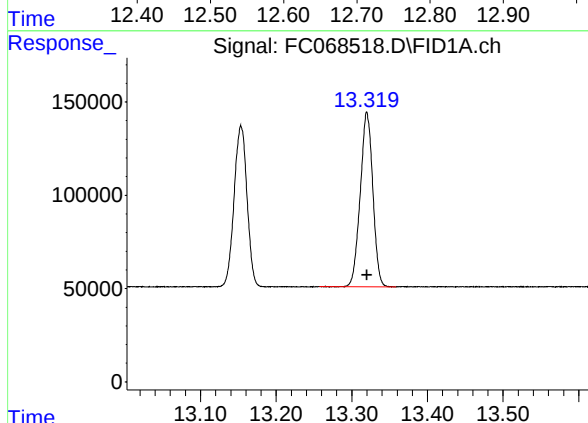
R.T.: 11.720 min  
Delta R.T.: 0.000 min  
Response: 1388282  
Conc: 10.98 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



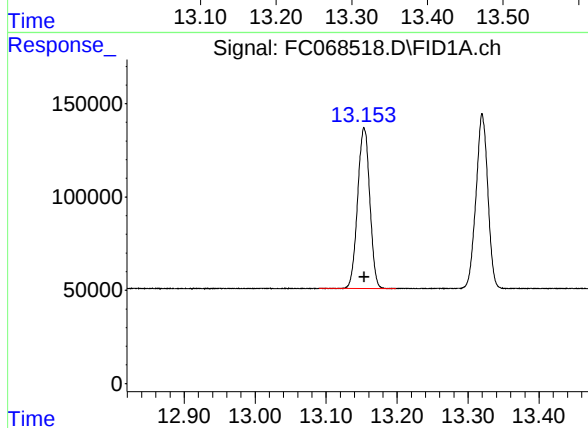
#10 n-Eicosane (C20)

R.T.: 12.707 min  
Delta R.T.: 0.000 min  
Response: 1092518  
Conc: 11.15 ug/ml



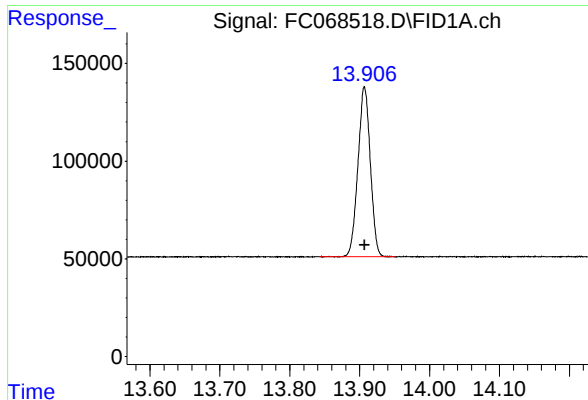
#11 n-Heneicosane (C21)

R.T.: 13.320 min  
Delta R.T.: 0.000 min  
Response: 1082284  
Conc: 11.15 ug/ml



#12 1-chlorooctadecane (SURR)

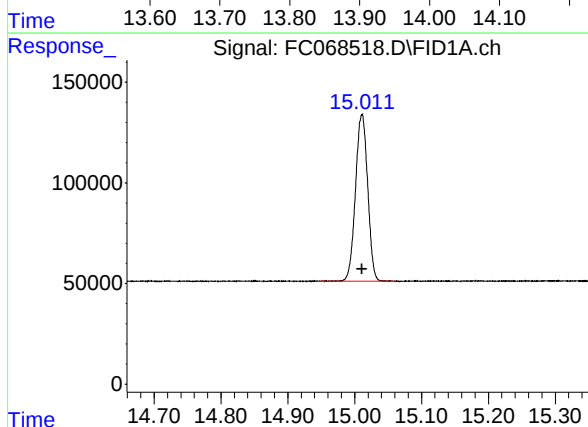
R.T.: 13.154 min  
Delta R.T.: 0.000 min  
Response: 1026505  
Conc: 11.08 ug/ml



#13 n-Docosane (C22)

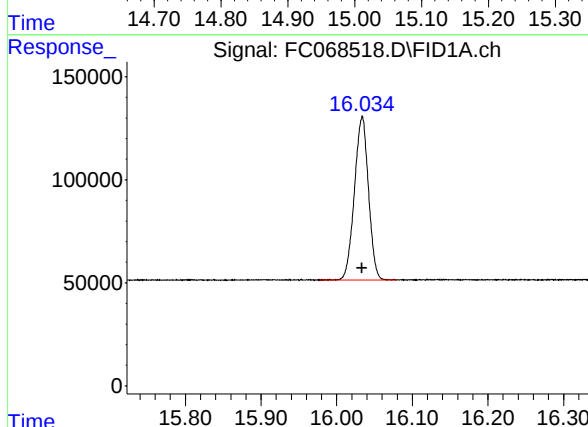
R.T.: 13.907 min  
Delta R.T.: 0.000 min  
Response: 1070404  
Conc: 11.12 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



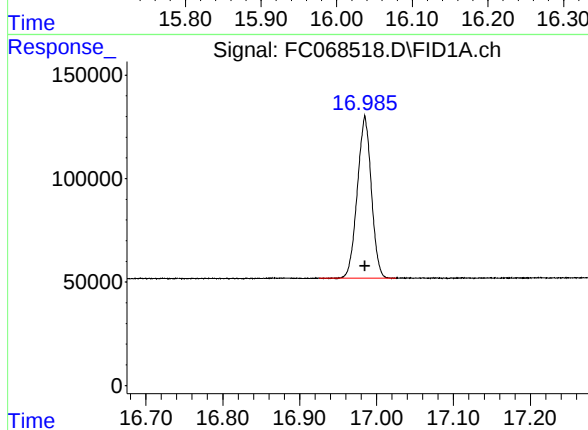
#14 n-Tetracosane (C24)

R.T.: 15.011 min  
Delta R.T.: 0.000 min  
Response: 1051523  
Conc: 11.08 ug/ml



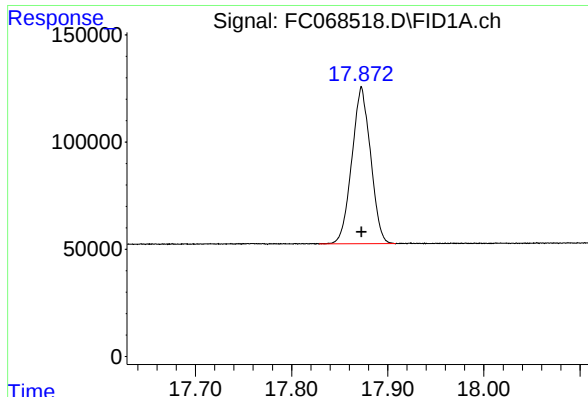
#15 n-Hexacosane (C26)

R.T.: 16.034 min  
Delta R.T.: 0.000 min  
Response: 1022441  
Conc: 10.97 ug/ml



#16 n-Octacosane (C28)

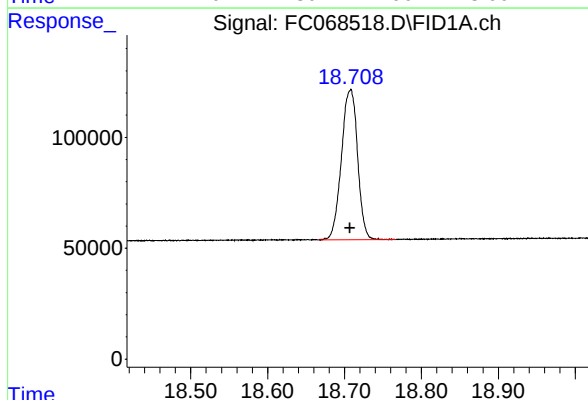
R.T.: 16.985 min  
Delta R.T.: 0.000 min  
Response: 993075  
Conc: 10.89 ug/ml



#17 n-Tricontane (C30)

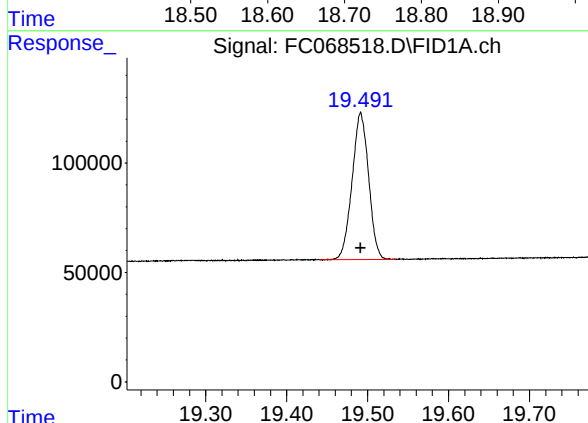
R.T.: 17.873 min  
Delta R.T.: 0.000 min  
Response: 990582  
Conc: 10.83 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



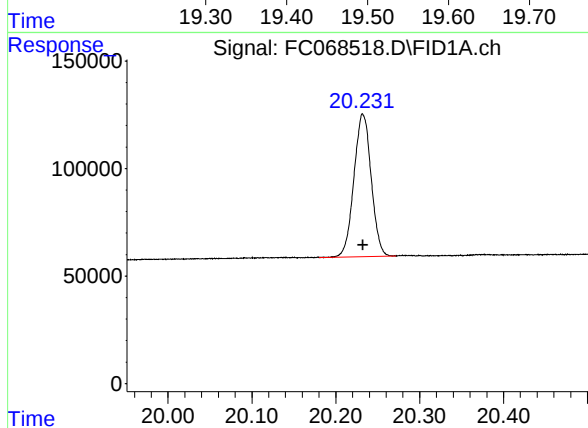
#18 n-Dotriacontane (C32)

R.T.: 18.707 min  
Delta R.T.: 0.000 min  
Response: 985052  
Conc: 10.82 ug/ml



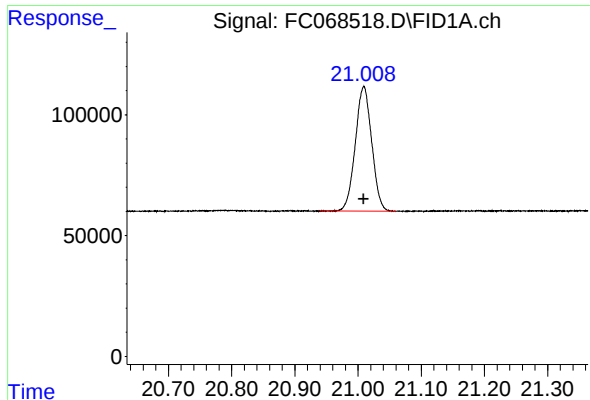
#19 n-Tetatriacontane (C34)

R.T.: 19.492 min  
Delta R.T.: 0.000 min  
Response: 949339  
Conc: 10.71 ug/ml



#20 n-Hexatriacontane (C36)

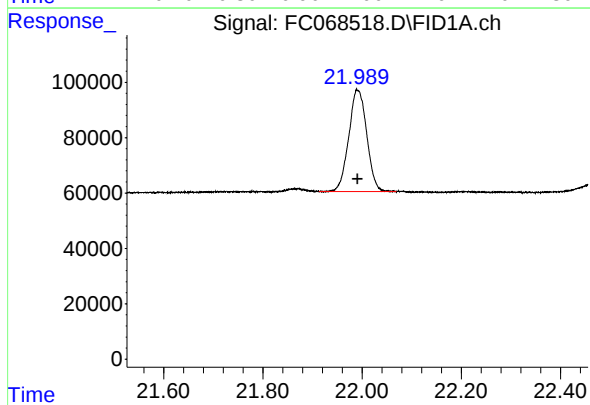
R.T.: 20.233 min  
Delta R.T.: 0.000 min  
Response: 947135  
Conc: 10.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.009 min  
Delta R.T.: 0.000 min  
Response: 932368  
Conc: 10.63 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.991 min  
Delta R.T.: 0.000 min  
Response: 924309  
Conc: 10.56 ug/ml

rteres

# Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
 Data File : FC068518.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Apr 2025 16:12  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Title : GC Extractables

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 3.450       | 3.393        | 3.498      | BB       | 136592         | 1136561      | 81.87%         | 4.786%        |
| 2                       | 4.525       | 4.468        | 4.572      | BB       | 128280         | 1140863      | 82.18%         | 4.804%        |
| 3                       | 6.124       | 6.065        | 6.160      | BB       | 137899         | 1256563      | 90.51%         | 5.291%        |
| 4                       | 6.551       | 6.493        | 6.583      | BB       | 119252         | 1144968      | 82.47%         | 4.821%        |
| 5                       | 7.181       | 7.125        | 7.212      | BB       | 129998         | 1247891      | 89.89%         | 5.255%        |
| 6                       | 8.348       | 8.292        | 8.387      | BB       | 107295         | 1128652      | 81.30%         | 4.752%        |
| 7                       | 9.952       | 9.887        | 9.998      | BB       | 103764         | 1124488      | 81.00%         | 4.735%        |
| 8                       | 11.396      | 11.342       | 11.445     | BB       | 96197          | 1115425      | 80.35%         | 4.697%        |
| 9                       | 11.720      | 11.658       | 11.758     | BB       | 129278         | 1388282      | 100.00%        | 5.846%        |
| 10                      | 12.707      | 12.648       | 12.753     | BB       | 93709          | 1092518      | 78.70%         | 4.600%        |
| 11                      | 13.154      | 13.090       | 13.198     | BB       | 86387          | 1026505      | 73.94%         | 4.322%        |
| 12                      | 13.320      | 13.257       | 13.358     | BB       | 93486          | 1082284      | 77.96%         | 4.557%        |
| 13                      | 13.907      | 13.842       | 13.952     | BB       | 86937          | 1070404      | 77.10%         | 4.507%        |
| 14                      | 15.011      | 14.947       | 15.062     | BB       | 82738          | 1051523      | 75.74%         | 4.428%        |
| 15                      | 16.034      | 15.990       | 16.078     | BB       | 79228          | 1020144      | 73.48%         | 4.296%        |
| 16                      | 16.985      | 16.925       | 17.025     | BB       | 78376          | 993075       | 71.53%         | 4.182%        |
| 17                      | 17.873      | 17.828       | 17.908     | BB       | 73117          | 990582       | 71.35%         | 4.171%        |
| 18                      | 18.707      | 18.667       | 18.767     | BB       | 67397          | 985052       | 70.95%         | 4.148%        |
| 19                      | 19.492      | 19.440       | 19.535     | BB       | 67160          | 949339       | 68.38%         | 3.997%        |
| 20                      | 20.233      | 20.180       | 20.272     | BB       | 66319          | 947135       | 68.22%         | 3.988%        |
| 21                      | 21.009      | 20.938       | 21.060     | BB       | 51593          | 932368       | 67.16%         | 3.926%        |
| 22                      | 21.991      | 21.913       | 22.068     | BB       | 36350          | 924309       | 66.58%         | 3.892%        |
| Sum of corrected areas: |             |              |            |          |                |              | 23748929       |               |

Aliphatic EPH 040925.M Wed Apr 09 02:03:17 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
 Data File : FC068519.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Apr 2025 16:48  
 Operator : YP/AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e  
 Quant Time: Apr 08 17:30:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 17:30:46 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units  |
|--------------------------------|--------|------------|-------------|
| -----                          |        |            |             |
| System Monitoring Compounds    |        |            |             |
| 9) S ortho-Terphenyl (SURR)    | 11.719 | 654057     | 5.136 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.27%      |
| 12) S 1-chlorooctadecane (S... | 13.152 | 470010     | 5.060 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.12%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.449  | 550187     | 5.224 ug/ml |
| 2) T n-Decane (C10)            | 4.525  | 549045     | 5.211 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.124  | 606085     | 5.204 ug/ml |
| 4) T n-Dodecane (C12)          | 6.550  | 546064     | 5.193 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.181  | 598007     | 5.178 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.348  | 531626     | 5.171 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.951  | 524477     | 5.150 ug/ml |
| 8) T n-Octadecane (C18)        | 11.395 | 515183     | 5.119 ug/ml |
| 10) T n-Eicosane (C20)         | 12.706 | 498787     | 5.071 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.318 | 495018     | 5.079 ug/ml |
| 13) T n-Docosane (C22)         | 13.905 | 490416     | 5.077 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.010 | 482111     | 5.065 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.032 | 471652     | 5.050 ug/ml |
| 16) T n-Octacosane (C28)       | 16.984 | 464643     | 5.075 ug/ml |
| 17) T n-Tricontane (C30)       | 17.871 | 469479     | 5.107 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.706 | 471859     | 5.144 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.492 | 460798     | 5.158 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.232 | 461012     | 5.146 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.009 | 455897     | 5.156 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.989 | 457120     | 5.177 ug/ml |
| -----                          |        |            |             |

(f)=RT Delta > 1/2 Window

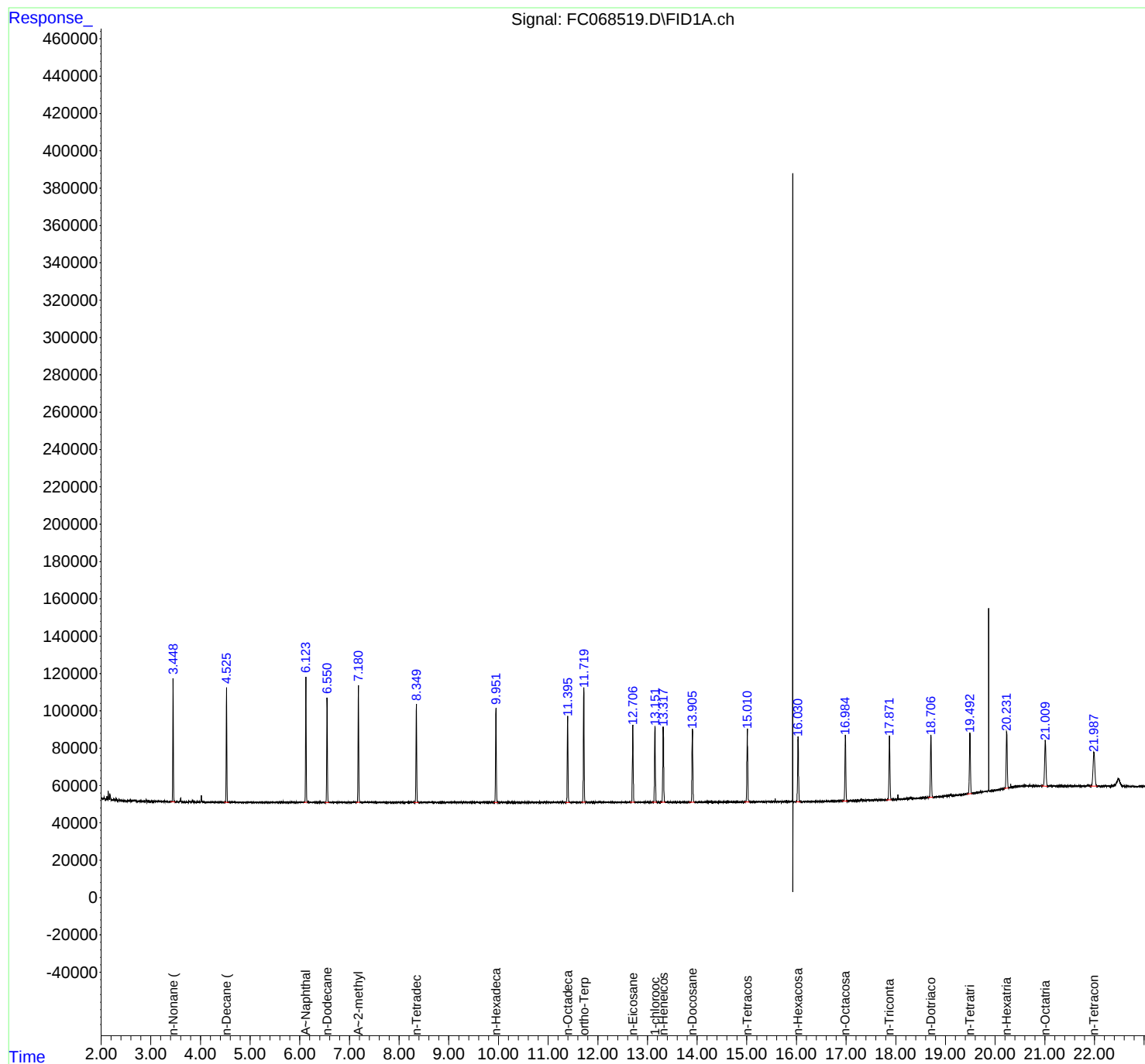
(m)=manual int.

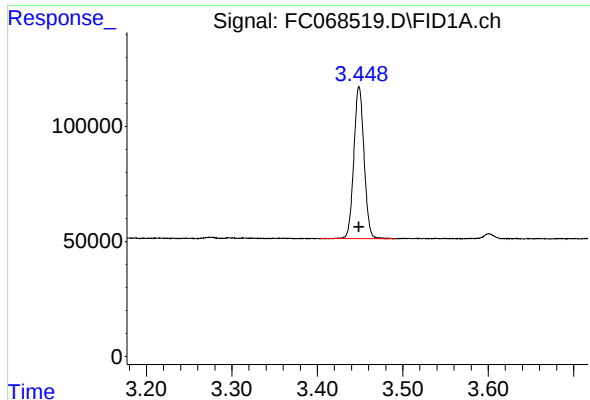
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
Data File : FC068519.D  
Signal(s) : FID1A.ch  
Acq On : 08 Apr 2025 16:48  
Operator : YP/AJ  
Sample : 5 PPM ALIPHATIC HC STD5  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e  
Quant Time: Apr 08 17:30:54 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 08 17:30:46 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

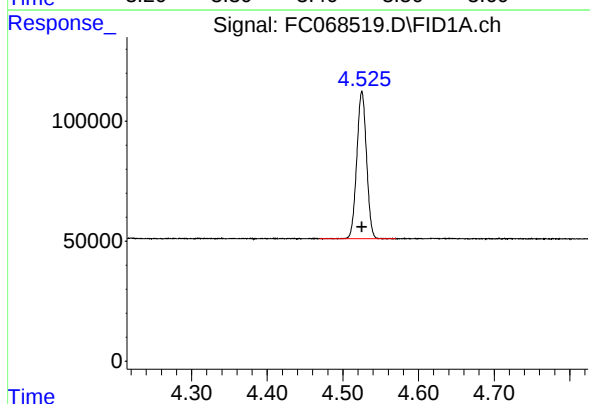




#1 n-Nonane (C9)

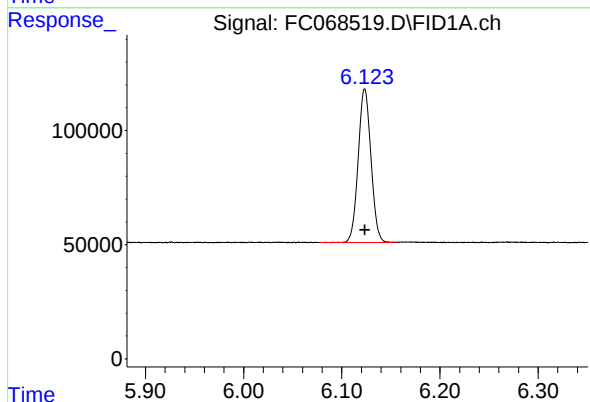
R.T.: 3.449 min  
Delta R.T.: 0.000 min  
Response: 550187  
Conc: 5.22 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



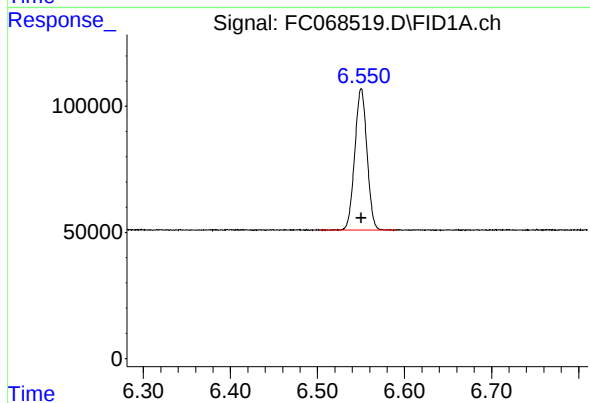
#2 n-Decane (C10)

R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 549045  
Conc: 5.21 ug/ml



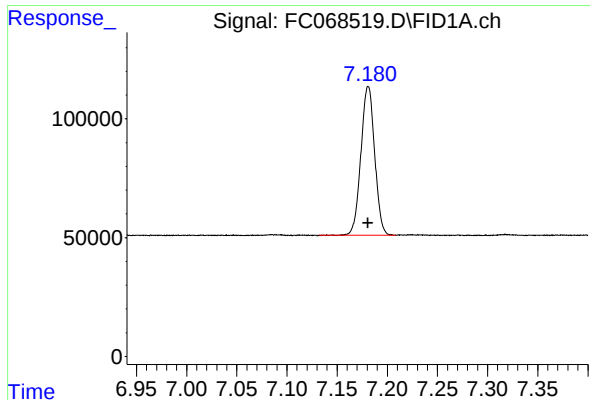
#3 A~Naphthalene (C11.7)

R.T.: 6.124 min  
Delta R.T.: 0.000 min  
Response: 606085  
Conc: 5.20 ug/ml



#4 n-Dodecane (C12)

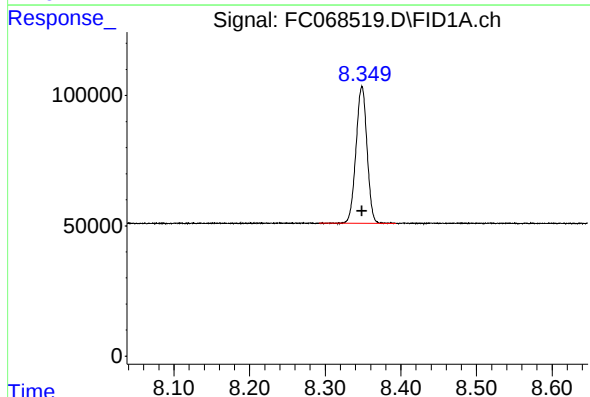
R.T.: 6.550 min  
Delta R.T.: 0.000 min  
Response: 546064  
Conc: 5.19 ug/ml



#5 A~2-methylnaphthalene (C12.89)

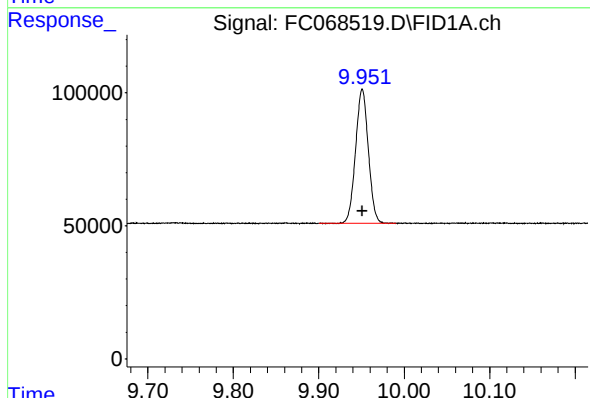
R.T.: 7.181 min  
Delta R.T.: 0.000 min  
Response: 598007  
Conc: 5.18 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



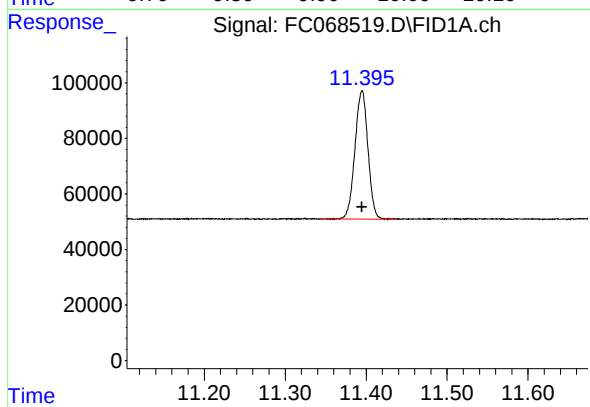
#6 n-Tetradecane (C14)

R.T.: 8.348 min  
Delta R.T.: 0.000 min  
Response: 531626  
Conc: 5.17 ug/ml



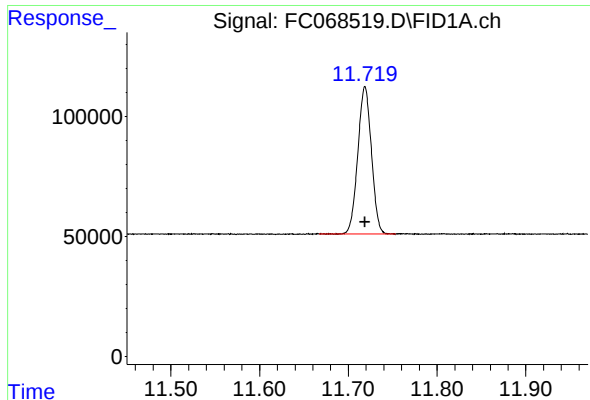
#7 n-Hexadecane (C16)

R.T.: 9.951 min  
Delta R.T.: 0.000 min  
Response: 524477  
Conc: 5.15 ug/ml



#8 n-Octadecane (C18)

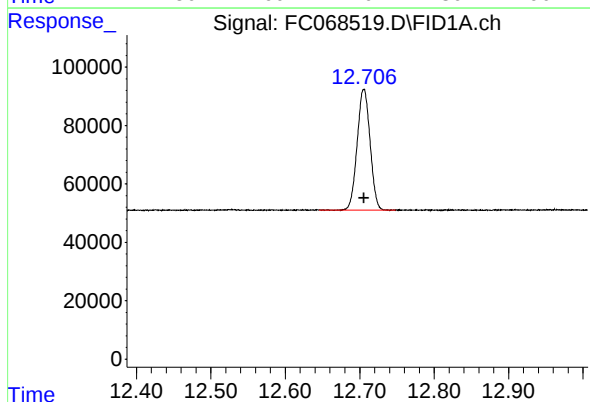
R.T.: 11.395 min  
Delta R.T.: 0.000 min  
Response: 515183  
Conc: 5.12 ug/ml



#9 ortho-Terphenyl (SURR)

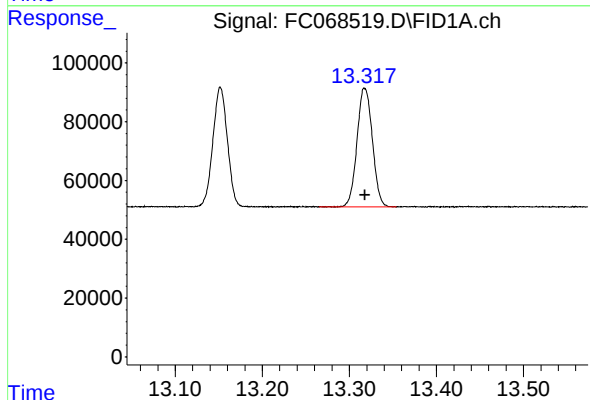
R.T.: 11.719 min  
Delta R.T.: 0.000 min  
Response: 654057  
Conc: 5.14 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



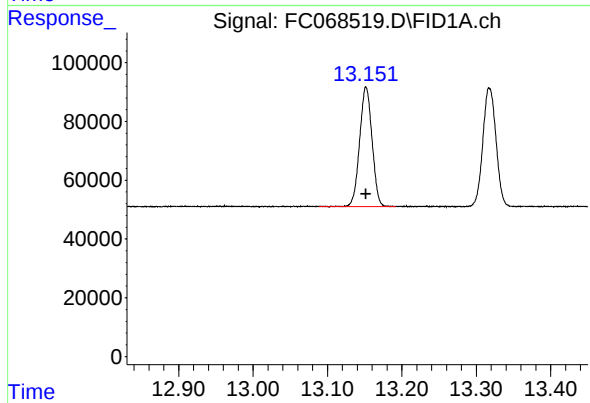
#10 n-Eicosane (C20)

R.T.: 12.706 min  
Delta R.T.: 0.000 min  
Response: 498787  
Conc: 5.07 ug/ml



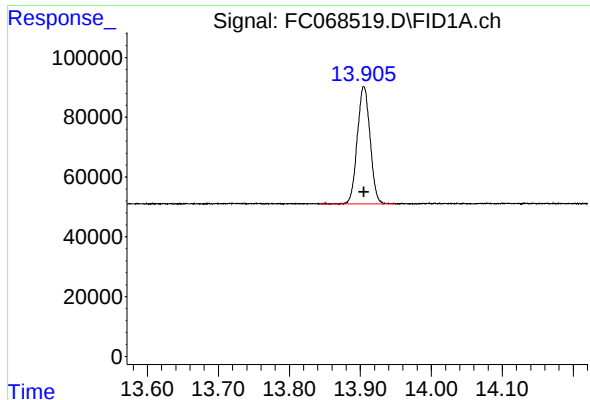
#11 n-Heneicosane (C21)

R.T.: 13.318 min  
Delta R.T.: 0.000 min  
Response: 495018  
Conc: 5.08 ug/ml



#12 1-chlorooctadecane (SURR)

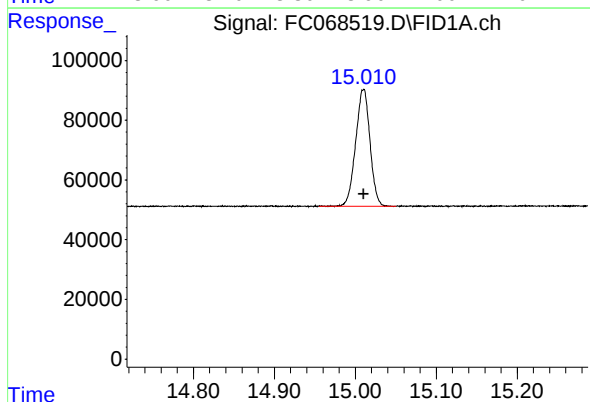
R.T.: 13.152 min  
Delta R.T.: 0.000 min  
Response: 470010  
Conc: 5.06 ug/ml



#13 n-Docosane (C22)

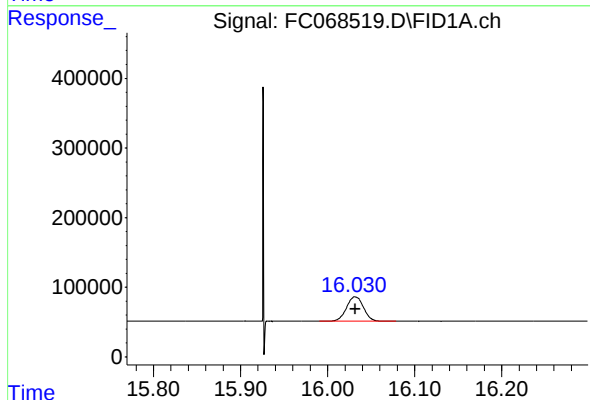
R.T.: 13.905 min  
Delta R.T.: 0.000 min  
Response: 490416  
Conc: 5.08 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



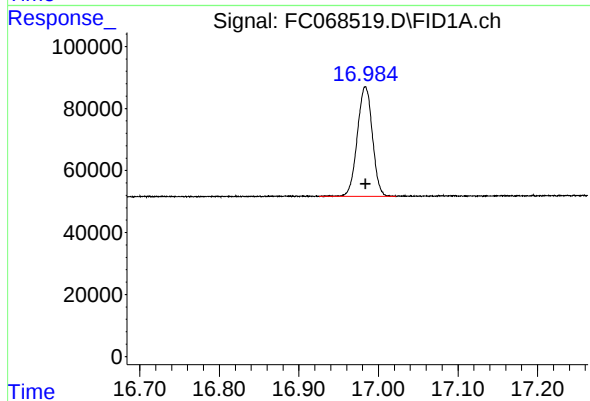
#14 n-Tetracosane (C24)

R.T.: 15.010 min  
Delta R.T.: 0.000 min  
Response: 482111  
Conc: 5.07 ug/ml



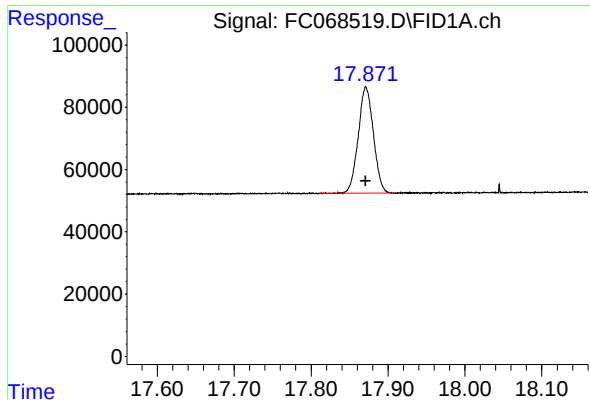
#15 n-Hexacosane (C26)

R.T.: 16.032 min  
Delta R.T.: 0.000 min  
Response: 471652  
Conc: 5.05 ug/ml



#16 n-Octacosane (C28)

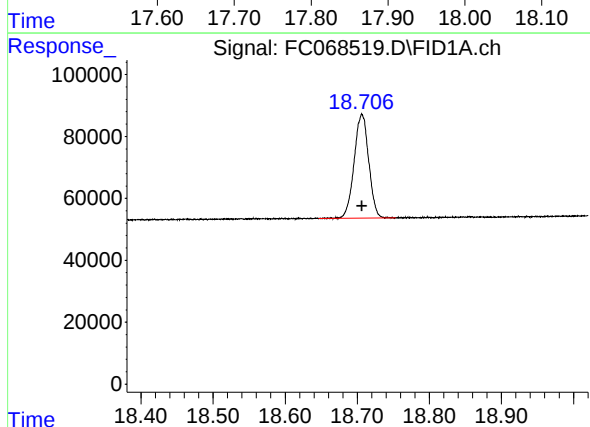
R.T.: 16.984 min  
Delta R.T.: 0.000 min  
Response: 464643  
Conc: 5.07 ug/ml



#17 n-Tricontane (C30)

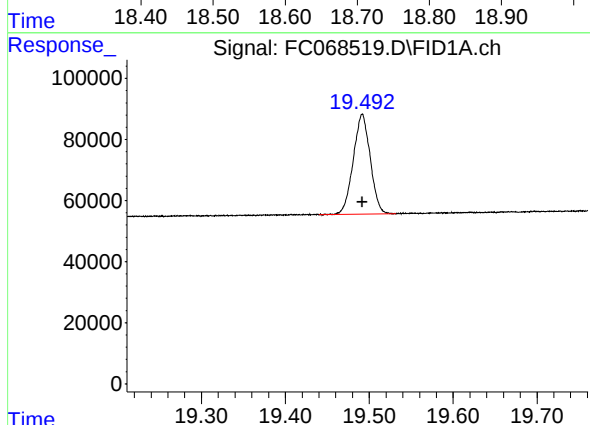
R.T.: 17.871 min  
Delta R.T.: 0.000 min  
Response: 469479  
Conc: 5.11 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



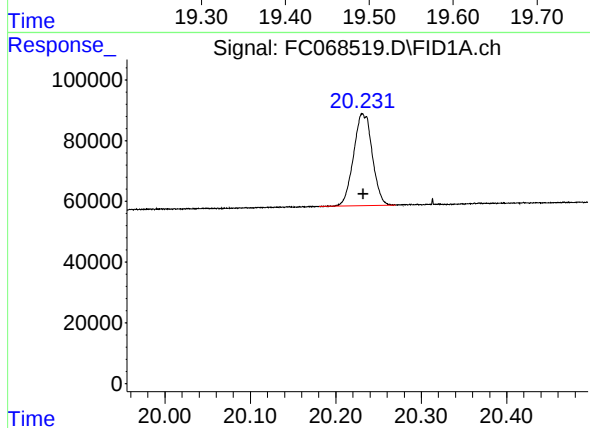
#18 n-Dotriacontane (C32)

R.T.: 18.706 min  
Delta R.T.: 0.000 min  
Response: 471859  
Conc: 5.14 ug/ml



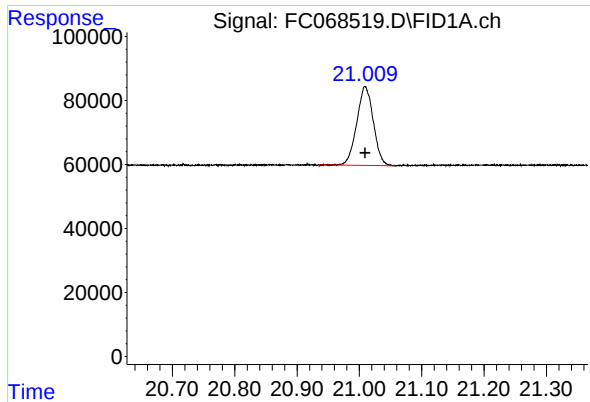
#19 n-Tetratriacontane (C34)

R.T.: 19.492 min  
Delta R.T.: 0.000 min  
Response: 460798  
Conc: 5.16 ug/ml



#20 n-Hexatriacontane (C36)

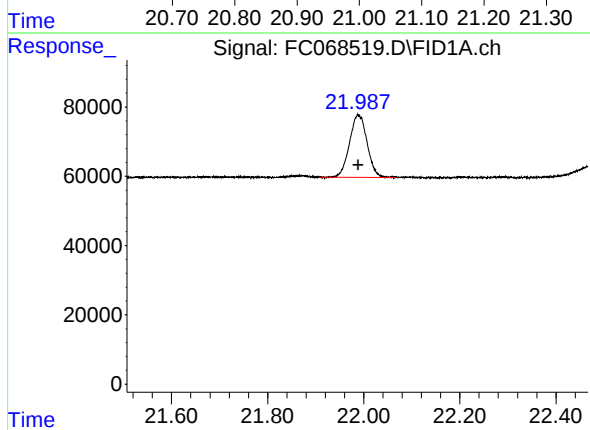
R.T.: 20.232 min  
Delta R.T.: 0.000 min  
Response: 461012  
Conc: 5.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.009 min  
Delta R.T.: 0.000 min  
Response: 455897  
Conc: 5.16 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.989 min  
Delta R.T.: 0.000 min  
Response: 457120  
Conc: 5.18 ug/ml

rteres

# Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
 Data File : FC068519.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Apr 2025 16:48  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Title : GC Extractables

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 3.449       | 3.402        | 3.492      | BB       | 66232          | 550187       | 84.12%         | 4.902%        |
| 2                       | 4.525       | 4.469        | 4.570      | BB       | 61433          | 549045       | 83.94%         | 4.892%        |
| 3                       | 6.124       | 6.077        | 6.155      | BB       | 67157          | 606085       | 92.67%         | 5.400%        |
| 4                       | 6.550       | 6.502        | 6.590      | BB       | 56117          | 546064       | 83.49%         | 4.865%        |
| 5                       | 7.181       | 7.132        | 7.209      | BB       | 62637          | 598007       | 91.43%         | 5.328%        |
| 6                       | 8.348       | 8.292        | 8.394      | BB       | 52506          | 531626       | 81.28%         | 4.737%        |
| 7                       | 9.951       | 9.900        | 9.990      | BB       | 50448          | 524477       | 80.19%         | 4.673%        |
| 8                       | 11.395      | 11.342       | 11.437     | BB       | 46359          | 515183       | 78.77%         | 4.590%        |
| 9                       | 11.719      | 11.667       | 11.754     | BB       | 61429          | 654057       | 100.00%        | 5.828%        |
| 10                      | 12.706      | 12.645       | 12.749     | BB       | 41337          | 498787       | 76.26%         | 4.444%        |
| 11                      | 13.152      | 13.089       | 13.192     | BB       | 40685          | 470010       | 71.86%         | 4.188%        |
| 12                      | 13.318      | 13.265       | 13.354     | BB       | 40194          | 495018       | 75.68%         | 4.411%        |
| 13                      | 13.905      | 13.842       | 13.950     | BB       | 39220          | 490416       | 74.98%         | 4.370%        |
| 14                      | 15.010      | 14.955       | 15.050     | BB       | 39129          | 482111       | 73.71%         | 4.296%        |
| 15                      | 16.032      | 15.990       | 16.079     | BB       | 34767          | 471652       | 72.11%         | 4.202%        |
| 16                      | 16.984      | 16.925       | 17.022     | BB       | 35366          | 464643       | 71.04%         | 4.140%        |
| 17                      | 17.871      | 17.810       | 17.910     | BB       | 34125          | 469479       | 71.78%         | 4.183%        |
| 18                      | 18.706      | 18.647       | 18.754     | BB       | 33576          | 471859       | 72.14%         | 4.204%        |
| 19                      | 19.492      | 19.440       | 19.532     | BB       | 32784          | 460798       | 70.45%         | 4.106%        |
| 20                      | 20.232      | 20.180       | 20.270     | BB       | 30000          | 461012       | 70.48%         | 4.108%        |
| 21                      | 21.009      | 20.935       | 21.059     | BB       | 24672          | 455897       | 69.70%         | 4.062%        |
| 22                      | 21.989      | 21.907       | 22.067     | BB       | 17907          | 457120       | 69.89%         | 4.073%        |
| Sum of corrected areas: |             |              |            |          |                |              | 11223533       |               |

Aliphatic EPH 040925.M Wed Apr 09 02:04:09 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
 Data File : FC068520.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Apr 2025 17:26  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e  
 Quant Time: Apr 08 18:06:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 17:31:27 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.722 | 2509889    | 19.710 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.42%       |
| 12) S 1-chlorooctadecane (S... | 13.154 | 1813783    | 19.525 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.05%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.450  | 2152986    | 20.442 ug/ml |
| 2) T n-Decane (C10)            | 4.526  | 2151620    | 20.422 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.124  | 2370053    | 20.351 ug/ml |
| 4) T n-Dodecane (C12)          | 6.551  | 2138499    | 20.335 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.182  | 2340318    | 20.263 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.349  | 2073539    | 20.170 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.952  | 2031391    | 19.947 ug/ml |
| 8) T n-Octadecane (C18)        | 11.397 | 1983646    | 19.712 ug/ml |
| 10) T n-Eicosane (C20)         | 12.708 | 1924584    | 19.567 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.322 | 1900069    | 19.497 ug/ml |
| 13) T n-Docosane (C22)         | 13.908 | 1874678    | 19.408 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.012 | 1840193    | 19.333 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.035 | 1805920    | 19.334 ug/ml |
| 16) T n-Octacosane (C28)       | 16.986 | 1775159    | 19.388 ug/ml |
| 17) T n-Tricontane (C30)       | 17.874 | 1789949    | 19.470 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.709 | 1790701    | 19.522 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.494 | 1754814    | 19.642 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.234 | 1766416    | 19.719 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.013 | 1737168    | 19.648 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.995 | 1737661    | 19.678 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

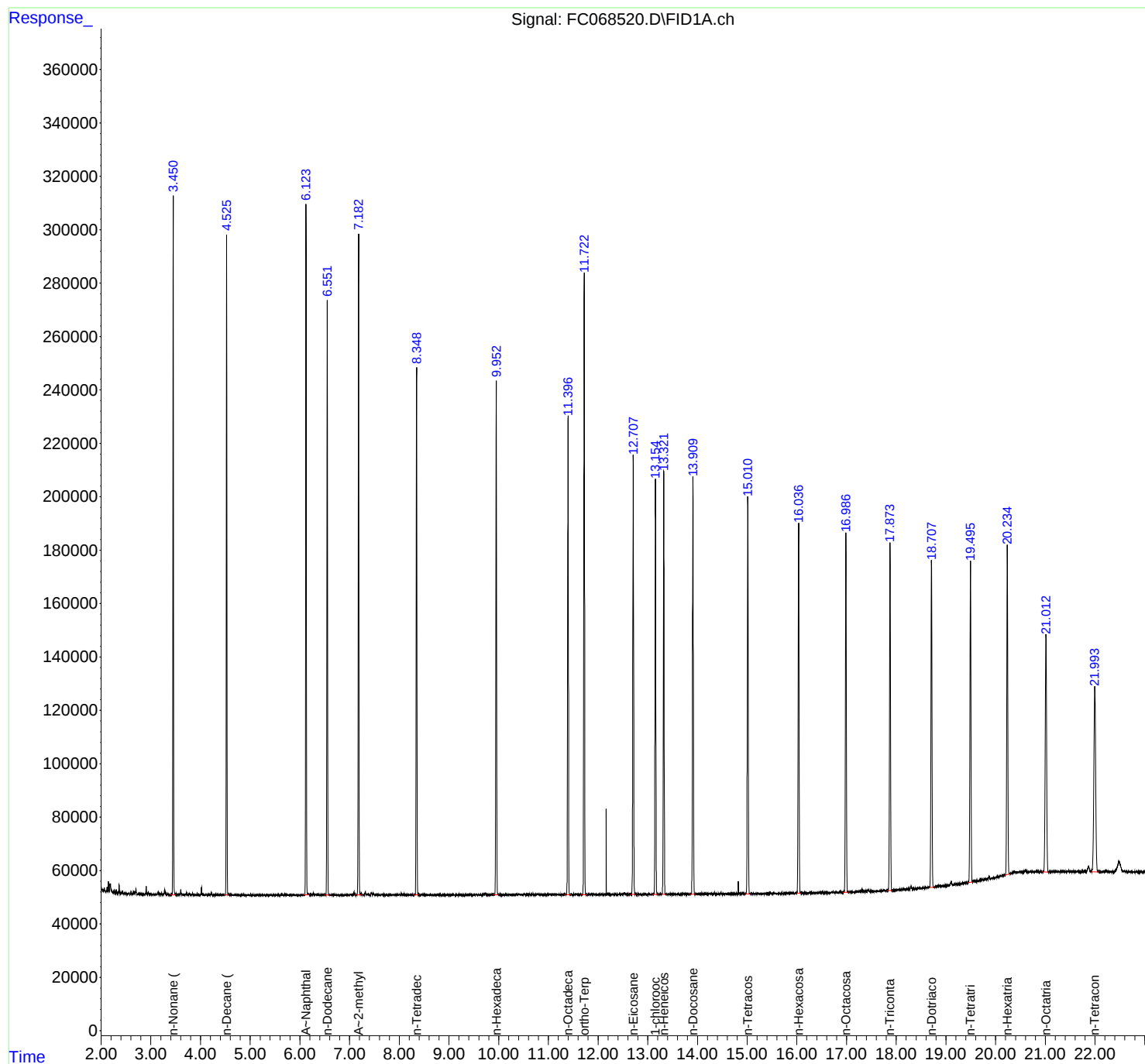
(m)=manual int.

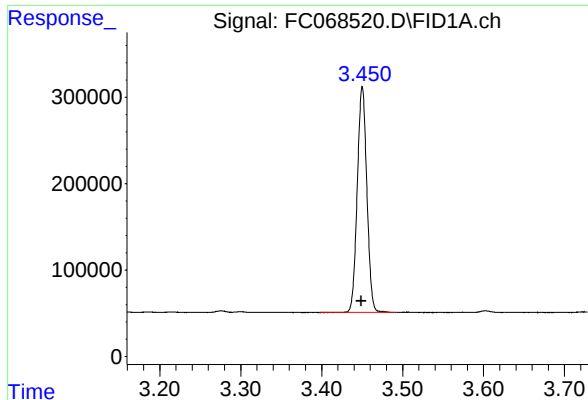
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
Data File : FC068520.D  
Signal(s) : FID1A.ch  
Acq On : 08 Apr 2025 17:26  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD ICV  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e  
Quant Time: Apr 08 18:06:14 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 08 17:31:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

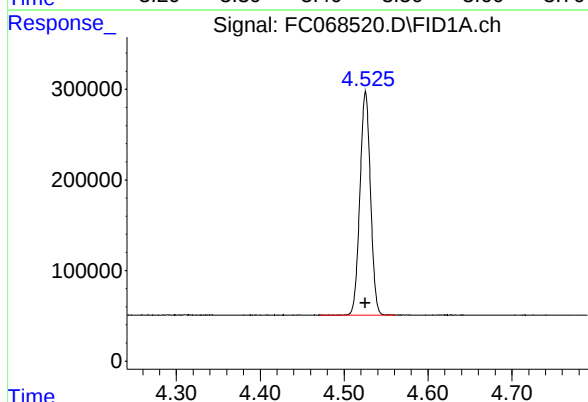
R.T.: 3.450 min  
Delta R.T.: 0.001 min  
Response: 2152986  
Conc: 20.44 ug/ml

Instrument :

FID\_C

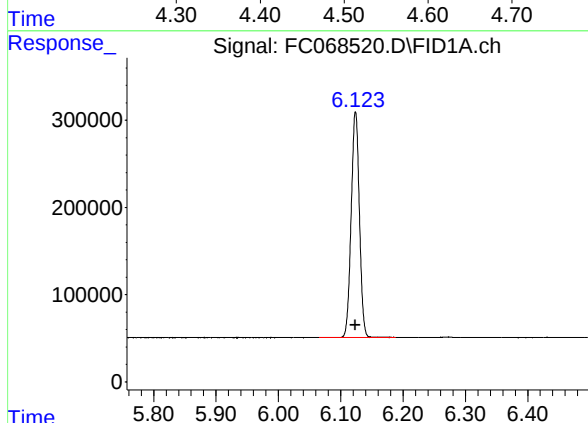
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



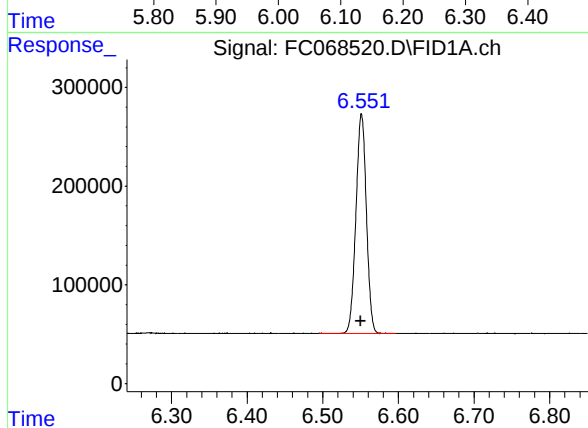
#2 n-Decane (C10)

R.T.: 4.526 min  
Delta R.T.: 0.000 min  
Response: 2151620  
Conc: 20.42 ug/ml



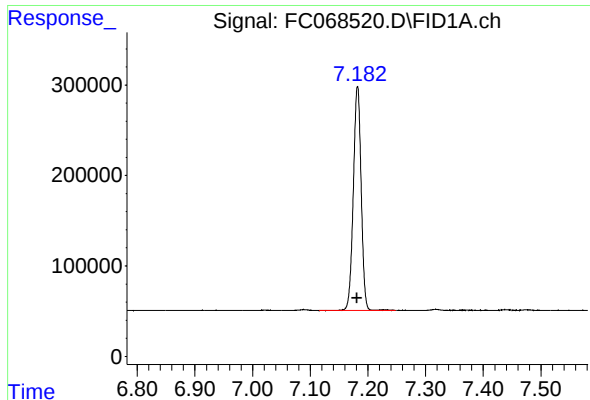
#3 A~Naphthalene (C11.7)

R.T.: 6.124 min  
Delta R.T.: 0.000 min  
Response: 2370053  
Conc: 20.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 2138499  
Conc: 20.34 ug/ml



#5 A~2-methylnaphthalene (C12.89)

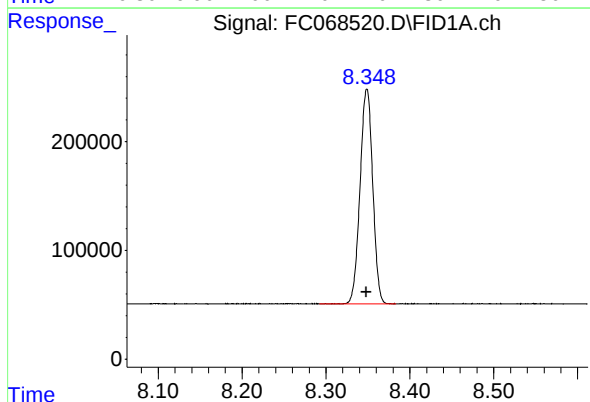
R.T.: 7.182 min  
Delta R.T.: 0.001 min  
Response: 2340318  
Conc: 20.26 ug/ml

Instrument :

FID\_C

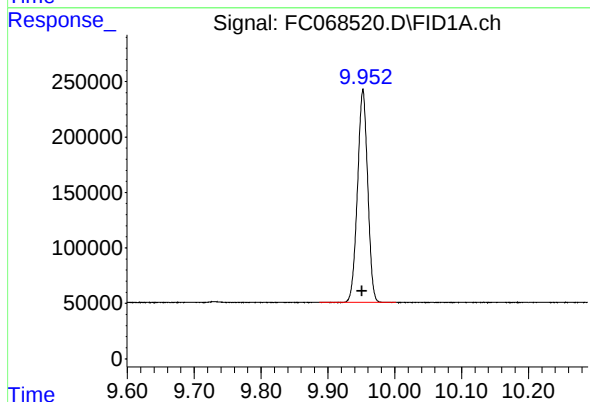
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



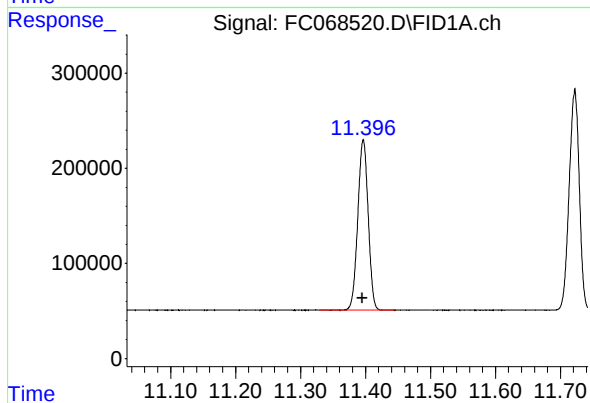
#6 n-Tetradecane (C14)

R.T.: 8.349 min  
Delta R.T.: 0.000 min  
Response: 2073539  
Conc: 20.17 ug/ml



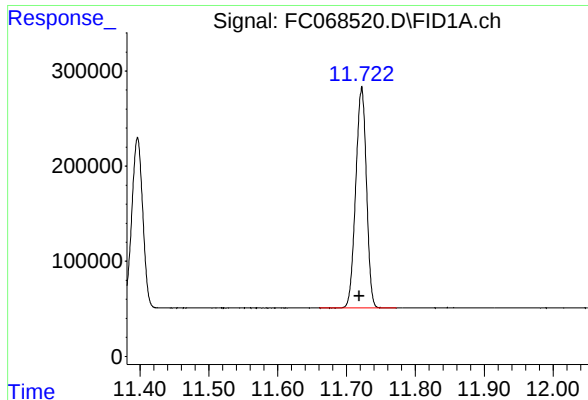
#7 n-Hexadecane (C16)

R.T.: 9.952 min  
Delta R.T.: 0.001 min  
Response: 2031391  
Conc: 19.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.397 min  
Delta R.T.: 0.002 min  
Response: 1983646  
Conc: 19.71 ug/ml



#9 ortho-Terphenyl (SURR)

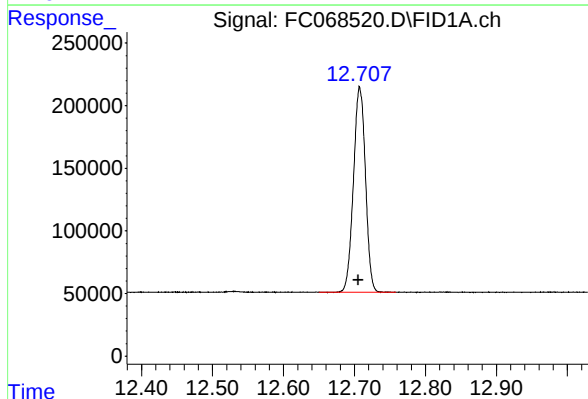
R.T.: 11.722 min  
Delta R.T.: 0.003 min  
Response: 2509889  
Conc: 19.71 ug/ml

Instrument :

FID\_C

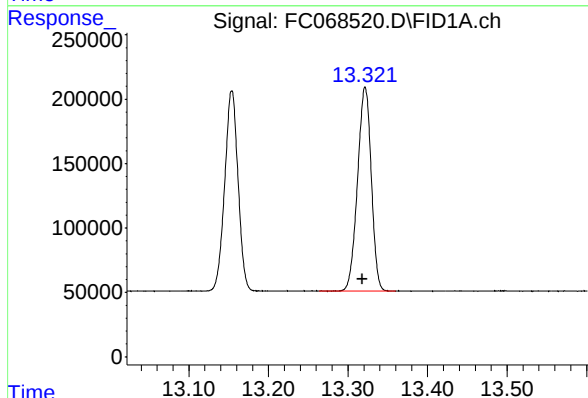
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



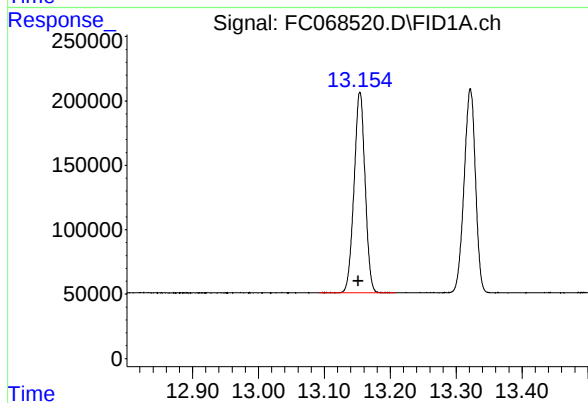
#10 n-Eicosane (C20)

R.T.: 12.708 min  
Delta R.T.: 0.002 min  
Response: 1924584  
Conc: 19.57 ug/ml



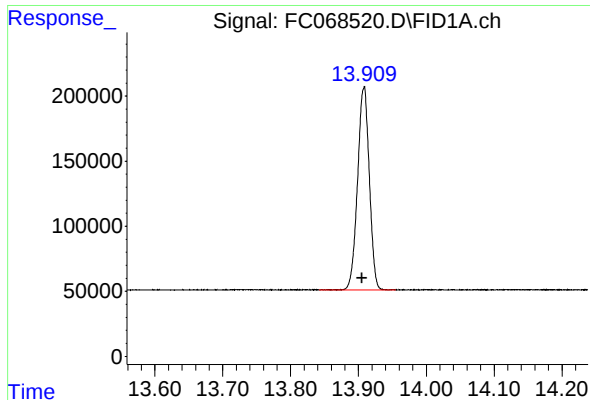
#11 n-Heneicosane (C21)

R.T.: 13.322 min  
Delta R.T.: 0.004 min  
Response: 1900069  
Conc: 19.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.154 min  
Delta R.T.: 0.002 min  
Response: 1813783  
Conc: 19.53 ug/ml



#13 n-Docosane (C22)

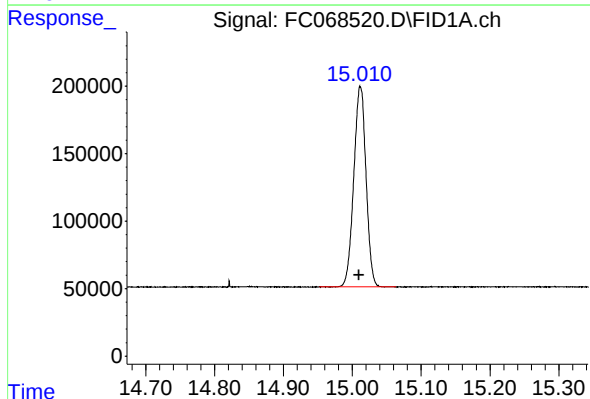
R.T.: 13.908 min  
Delta R.T.: 0.003 min  
Response: 1874678  
Conc: 19.41 ug/ml

Instrument :

FID\_C

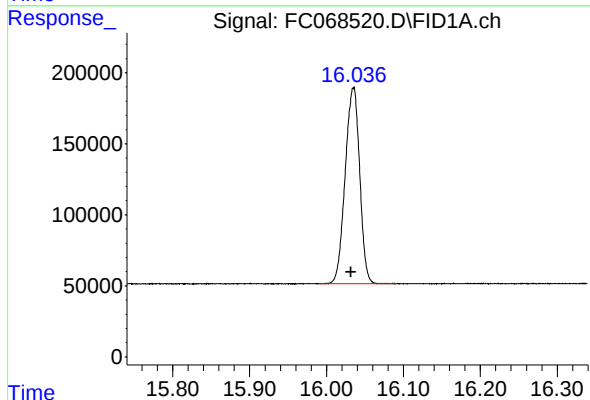
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



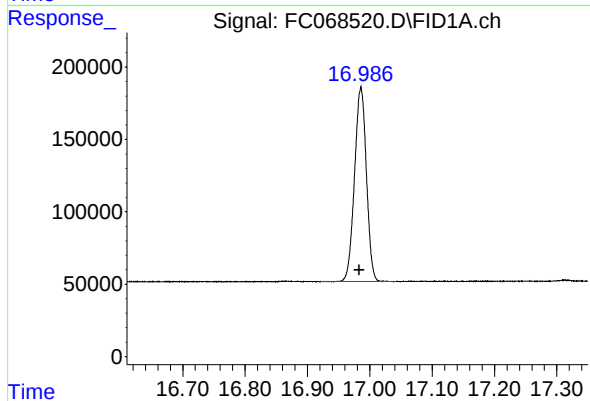
#14 n-Tetracosane (C24)

R.T.: 15.012 min  
Delta R.T.: 0.002 min  
Response: 1840193  
Conc: 19.33 ug/ml



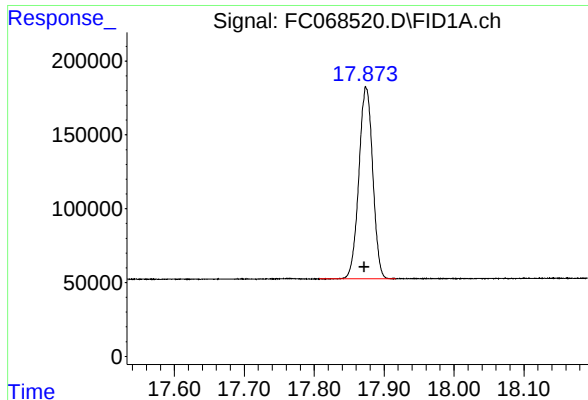
#15 n-Hexacosane (C26)

R.T.: 16.035 min  
Delta R.T.: 0.003 min  
Response: 1805920  
Conc: 19.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.986 min  
Delta R.T.: 0.002 min  
Response: 1775159  
Conc: 19.39 ug/ml



#17 n-Tricontane (C30)

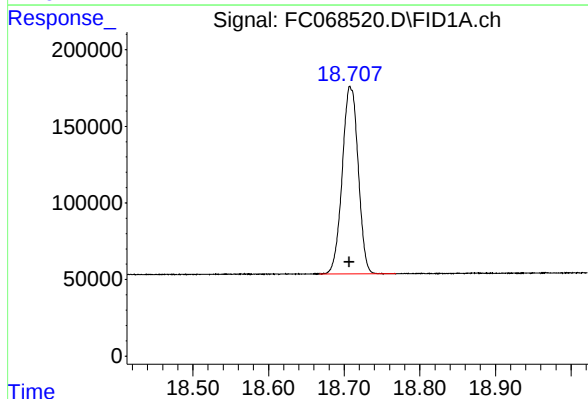
R.T.: 17.874 min  
Delta R.T.: 0.003 min  
Response: 1789949  
Conc: 19.47 ug/ml

Instrument :

FID\_C

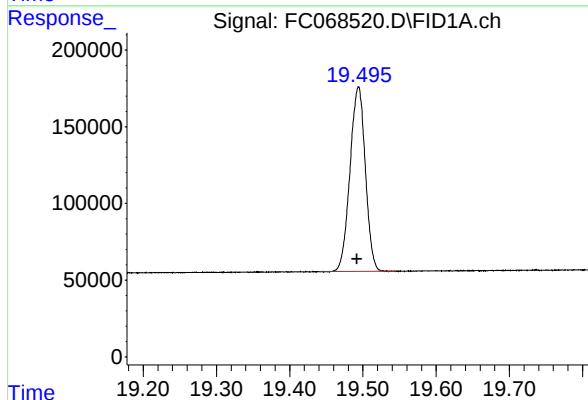
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



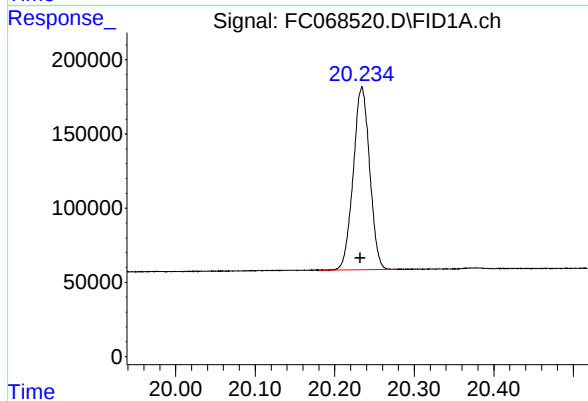
#18 n-Dotriacontane (C32)

R.T.: 18.709 min  
Delta R.T.: 0.002 min  
Response: 1790701  
Conc: 19.52 ug/ml



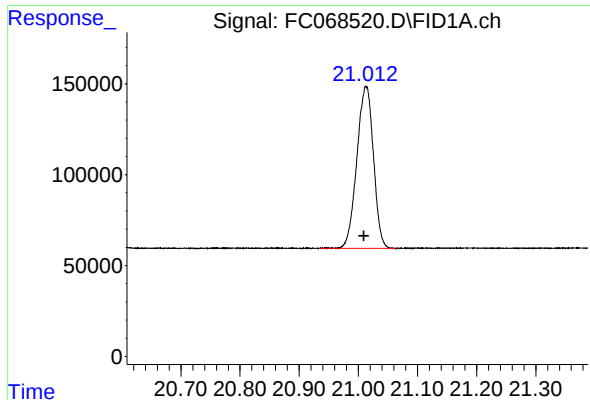
#19 n-Tetatriacontane (C34)

R.T.: 19.494 min  
Delta R.T.: 0.002 min  
Response: 1754814  
Conc: 19.64 ug/ml



#20 n-Hexatriacontane (C36)

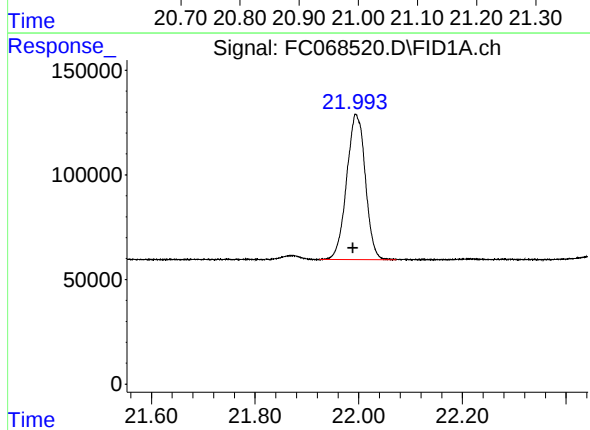
R.T.: 20.234 min  
Delta R.T.: 0.002 min  
Response: 1766416  
Conc: 19.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.013 min  
Delta R.T.: 0.004 min  
Response: 1737168  
Conc: 19.65 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.995 min  
Delta R.T.: 0.006 min  
Response: 1737661  
Conc: 19.68 ug/ml

rteres

# Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040925AL\  
 Data File : FC068520.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Apr 2025 17:26  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Title : GC Extractables

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 3.450       | 3.397        | 3.492      | BV       | 261815         | 2152986      | 85.78%         | 4.977%        |
| 2                       | 4.526       | 4.470        | 4.562      | BB       | 246519         | 2151620      | 85.73%         | 4.973%        |
| 3                       | 6.124       | 6.065        | 6.189      | BB       | 259162         | 2370053      | 94.43%         | 5.478%        |
| 4                       | 6.551       | 6.495        | 6.597      | BB       | 221869         | 2138499      | 85.20%         | 4.943%        |
| 5                       | 7.182       | 7.115        | 7.249      | BB       | 248160         | 2340318      | 93.24%         | 5.410%        |
| 6                       | 8.349       | 8.292        | 8.384      | BB       | 197952         | 2073539      | 82.61%         | 4.793%        |
| 7                       | 9.952       | 9.887        | 10.002     | BB       | 191548         | 2031391      | 80.94%         | 4.695%        |
| 8                       | 11.397      | 11.329       | 11.447     | BB       | 179415         | 1983646      | 79.03%         | 4.585%        |
| 9                       | 11.722      | 11.660       | 11.772     | BB       | 230868         | 2509889      | 100.00%        | 5.801%        |
| 10                      | 12.708      | 12.650       | 12.759     | BB       | 163927         | 1924584      | 76.68%         | 4.449%        |
| 11                      | 13.154      | 13.092       | 13.209     | BB       | 155654         | 1813783      | 72.27%         | 4.192%        |
| 12                      | 13.322      | 13.264       | 13.360     | BB       | 158466         | 1900069      | 75.70%         | 4.392%        |
| 13                      | 13.908      | 13.842       | 13.955     | BB       | 156193         | 1874678      | 74.69%         | 4.333%        |
| 14                      | 15.012      | 14.952       | 15.064     | BB       | 148360         | 1840193      | 73.32%         | 4.254%        |
| 15                      | 16.035      | 15.990       | 16.090     | BB       | 138007         | 1805920      | 71.95%         | 4.174%        |
| 16                      | 16.986      | 16.919       | 17.042     | BB       | 133594         | 1775159      | 70.73%         | 4.103%        |
| 17                      | 17.874      | 17.807       | 17.917     | BB       | 130326         | 1789949      | 71.32%         | 4.137%        |
| 18                      | 18.709      | 18.667       | 18.769     | BB       | 121479         | 1790701      | 71.35%         | 4.139%        |
| 19                      | 19.494      | 19.440       | 19.545     | BB       | 120222         | 1754814      | 69.92%         | 4.056%        |
| 20                      | 20.234      | 20.180       | 20.277     | BB       | 122561         | 1766416      | 70.38%         | 4.083%        |
| 21                      | 21.013      | 20.934       | 21.064     | BB       | 88867          | 1737168      | 69.21%         | 4.015%        |
| 22                      | 21.995      | 21.924       | 22.072     | BB       | 69207          | 1737661      | 69.23%         | 4.017%        |
| Sum of corrected areas: |             |              |            |          |                |              | 43263036       |               |

Aliphatic EPH 040925.M Wed Apr 09 02:04:39 2025

Initial Calibration Report for SequenceID : FE041725AL

**AreaCount**

| Parameter Range   | FE053387.D    | FE053388.D    | FE053389.D   | FE053390.D   | FE053391.D   |  |
|-------------------|---------------|---------------|--------------|--------------|--------------|--|
| Aliphatic C9-C12  | 40273090.000  | 19897378.000  | 8360865.000  | 4326048.000  | 2135544.000  |  |
| Aliphatic C12-C16 | 27441716.000  | 13492815.000  | 5715907.000  | 2962308.000  | 1458806.000  |  |
| Aliphatic C16-C21 | 41381922.000  | 20604545.000  | 8806501.000  | 4584729.000  | 2278742.000  |  |
| Aliphatic C21-C28 | 52866206.000  | 26808218.000  | 11424282.000 | 6149304.000  | 2962608.000  |  |
| Aliphatic C28-C40 | 71474370.000  | 36798070.000  | 15512235.000 | 8329821.000  | 4060883.000  |  |
| Aliphatic EPH     | 233437304.000 | 117601026.000 | 49819790.000 | 26352210.000 | 12896583.000 |  |

**AVG Response Factor**

| Parameter Range   | AVG RF         | % RSD |  |  |  |  |
|-------------------|----------------|-------|--|--|--|--|
| Aliphatic C9-C12  | 138562.3539998 | 3.618 |  |  |  |  |
| Aliphatic C12-C16 | 141806.081     | 3.959 |  |  |  |  |
| Aliphatic C16-C21 | 145363.7646664 | 5.098 |  |  |  |  |
| Aliphatic C21-C28 | 142174.626     | 6.444 |  |  |  |  |
| Aliphatic C28-C40 | 129049.1849998 | 6.424 |  |  |  |  |
| Aliphatic EPH     | 137688.0073328 | 5.4   |  |  |  |  |

**Concentration**

| Parameter Range   | FE053387.D | FE053388.D | FE053389.D | FE053390.D | FE053391.D |  |
|-------------------|------------|------------|------------|------------|------------|--|
| Aliphatic C9-C12  | 300.000    | 150.000    | 60.000     | 30.000     | 15.000     |  |
| Aliphatic C12-C16 | 200.000    | 100.000    | 40.000     | 20.000     | 10.000     |  |
| Aliphatic C16-C21 | 300.000    | 150.000    | 60.000     | 30.000     | 15.000     |  |
| Aliphatic C21-C28 | 400.000    | 200.000    | 80.000     | 40.000     | 20.000     |  |
| Aliphatic C28-C40 | 600.000    | 300.000    | 120.000    | 60.000     | 30.000     |  |
| Aliphatic EPH     | 1800.000   | 900.000    | 360.000    | 180.000    | 90.000     |  |

**Response Factor**

| Parameter Range   | FE053387.D    | FE053388.D    | FE053389.D    | FE053390.D    | FE053391.D    |  |
|-------------------|---------------|---------------|---------------|---------------|---------------|--|
| Aliphatic C9-C12  | 134243.633333 | 132649.186666 | 139347.750000 | 144201.600000 | 142369.600000 |  |
| Aliphatic C12-C16 | 137208.580000 | 134928.150000 | 142897.675000 | 148115.400000 | 145880.600000 |  |
| Aliphatic C16-C21 | 137939.740000 | 137363.633333 | 146775.016666 | 152824.300000 | 151916.133333 |  |

Initial Calibration Report for SequenceID : FE041725AL

|                   |               |               |               |               |               |  |
|-------------------|---------------|---------------|---------------|---------------|---------------|--|
| Aliphatic C21-C28 | 132165.515000 | 134041.090000 | 142803.525000 | 153732.600000 | 148130.400000 |  |
| Aliphatic C28-C40 | 119123.950000 | 122660.233333 | 129268.625000 | 138830.350000 | 135362.766666 |  |
| Aliphatic EPH     | 129687.391111 | 130667.806666 | 138388.305555 | 146401.166666 | 143295.366666 |  |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
 Data File : FE053387.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Apr 2025 15:35  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e  
 Quant Time: Apr 16 17:31:16 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 16 17:29:00 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.897 | 17254133   | 97.377 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 194.75%      |
| 12) S 1-chlorooctadecane (S... | 13.340 | 12911819   | 97.103 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 194.21%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.235  | 13201429   | 97.806 ug/ml |
| 2) T n-Decane (C10)            | 4.496  | 13423214   | 98.275 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.209  | 14943300   | 98.978 ug/ml |
| 4) T n-Dodecane (C12)          | 6.677  | 13648447   | 98.315 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.313  | 14933440   | 99.120 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.514  | 13623353   | 98.225 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.129 | 13818363   | 97.718 ug/ml |
| 8) T n-Octadecane (C18)        | 11.580 | 13916696   | 97.192 ug/ml |
| 10) T n-Eicosane (C20)         | 12.893 | 13773973   | 96.784 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.509 | 13691253   | 96.712 ug/ml |
| 13) T n-Docosane (C22)         | 14.097 | 13585495   | 96.579 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.203 | 13396031   | 96.279 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.227 | 13122804   | 96.079 ug/ml |
| 16) T n-Octacosane (C28)       | 17.179 | 12761876   | 95.559 ug/ml |
| 17) T n-Tricontane (C30)       | 18.070 | 12660425   | 95.282 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.905 | 12453995   | 95.078 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.691 | 11958465   | 95.363 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.431 | 11785134   | 96.522 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.171 | 11353126   | 96.357 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.087 | 11263225   | 97.099 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

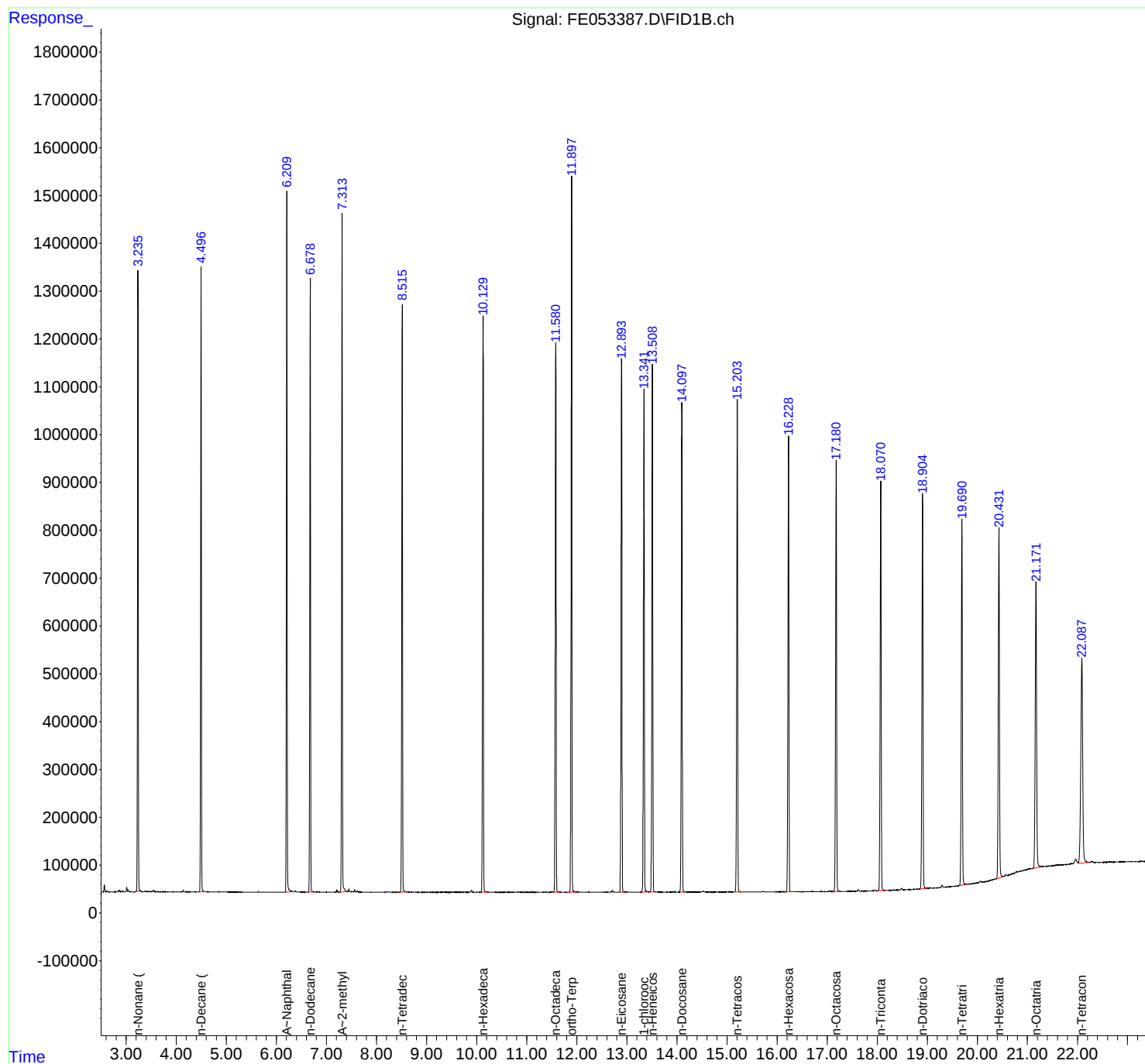
(m)=manual int.

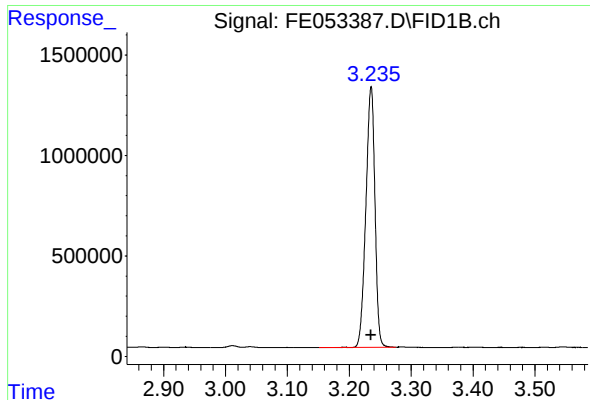
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
Data File : FE053387.D  
Signal(s) : FID1B.ch  
Acq On : 16 Apr 2025 15:35  
Operator : YP\AJ  
Sample : 100 PPM ALIPHATIC HC STD1  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e  
Quant Time: Apr 16 17:31:16 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 16 17:29:00 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

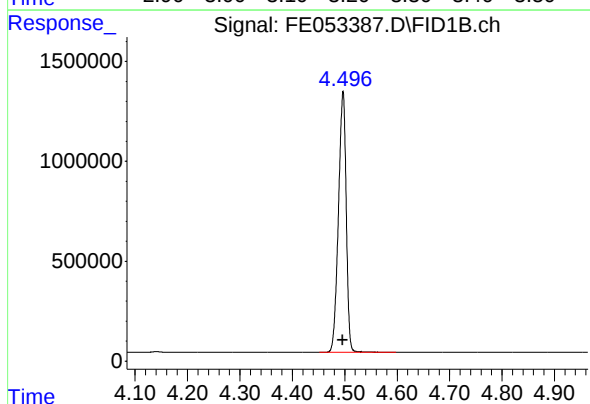
R.T.: 3.235 min  
Delta R.T.: 0.000 min  
Response: 13201429  
Conc: 97.81 ug/ml

Instrument :

FID\_E

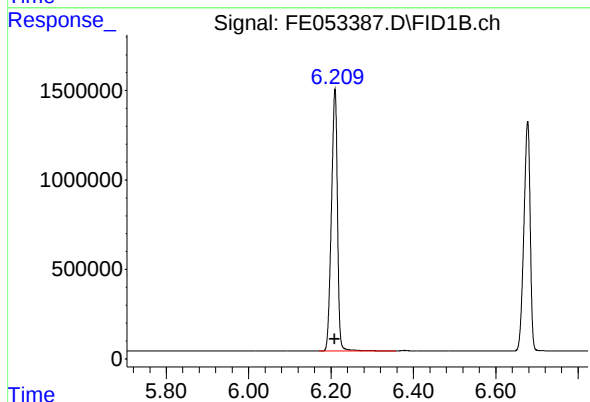
ClientSampleId :

100 PPM ALIPHATIC HC STD1



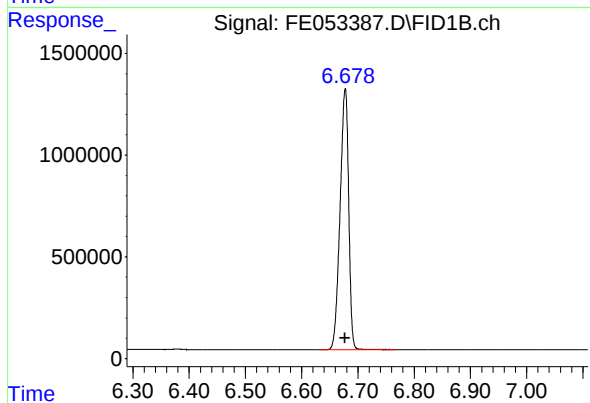
#2 n-Decane (C10)

R.T.: 4.496 min  
Delta R.T.: 0.000 min  
Response: 13423214  
Conc: 98.27 ug/ml



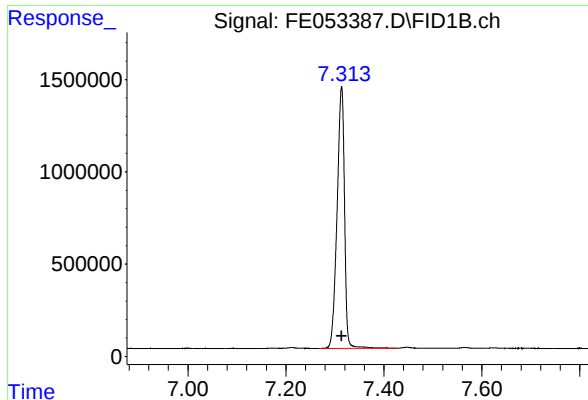
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min  
Delta R.T.: 0.000 min  
Response: 14943300  
Conc: 98.98 ug/ml



#4 n-Dodecane (C12)

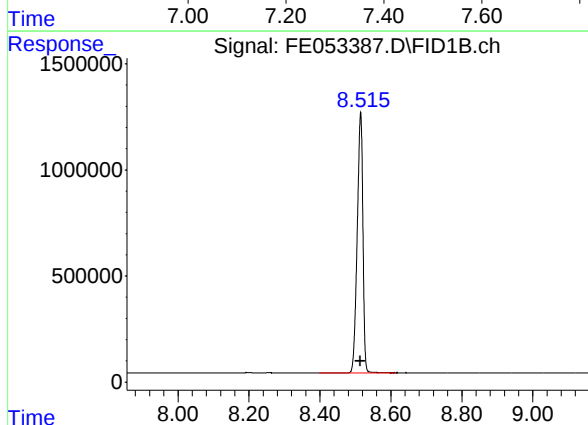
R.T.: 6.677 min  
Delta R.T.: 0.000 min  
Response: 13648447  
Conc: 98.32 ug/ml



#5 A~2-methylnaphthalene (C12.89)

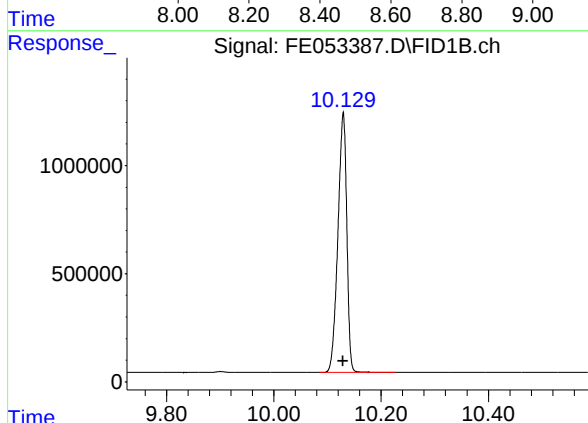
R.T.: 7.313 min  
Delta R.T.: 0.000 min  
Response: 14933440  
Conc: 99.12 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



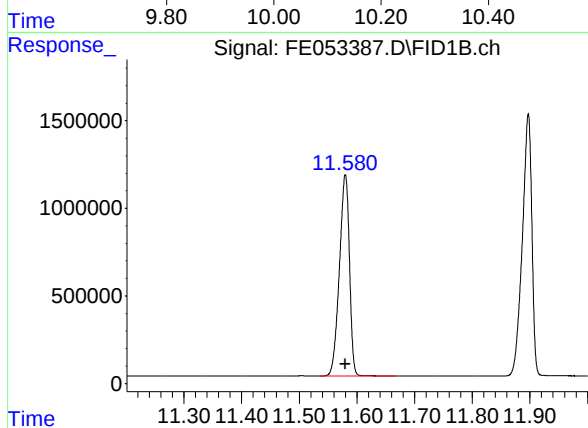
#6 n-Tetradecane (C14)

R.T.: 8.514 min  
Delta R.T.: 0.000 min  
Response: 13623353  
Conc: 98.22 ug/ml



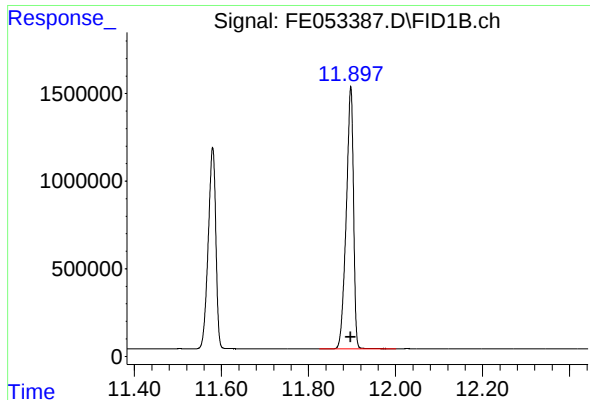
#7 n-Hexadecane (C16)

R.T.: 10.129 min  
Delta R.T.: 0.000 min  
Response: 13818363  
Conc: 97.72 ug/ml



#8 n-Octadecane (C18)

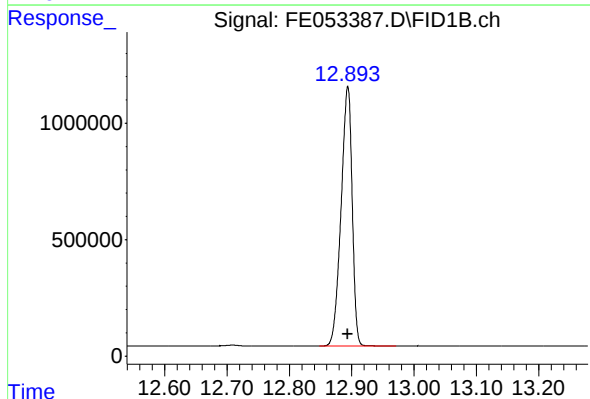
R.T.: 11.580 min  
Delta R.T.: 0.000 min  
Response: 13916696  
Conc: 97.19 ug/ml



#9 ortho-Terphenyl (SURR)

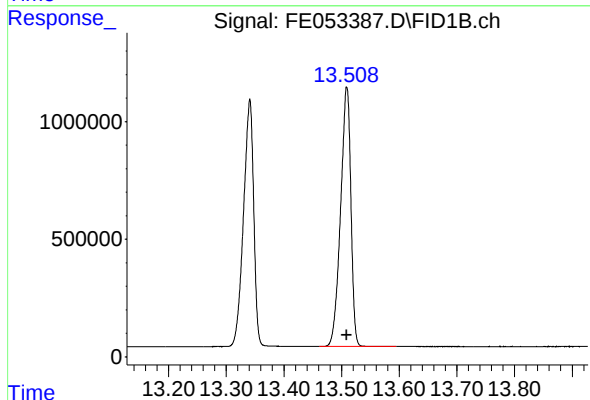
R.T.: 11.897 min  
Delta R.T.: 0.000 min  
Response: 17254133  
Conc: 97.38 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



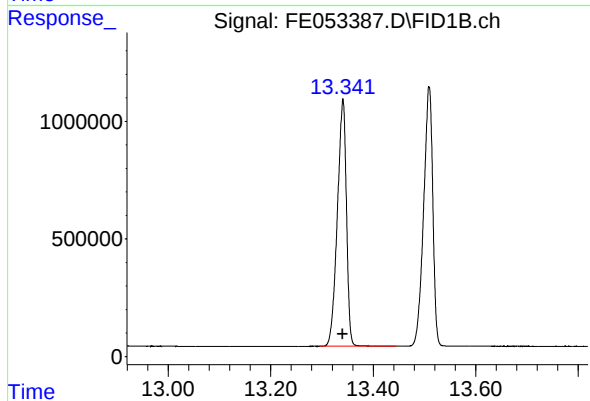
#10 n-Eicosane (C20)

R.T.: 12.893 min  
Delta R.T.: 0.000 min  
Response: 13773973  
Conc: 96.78 ug/ml



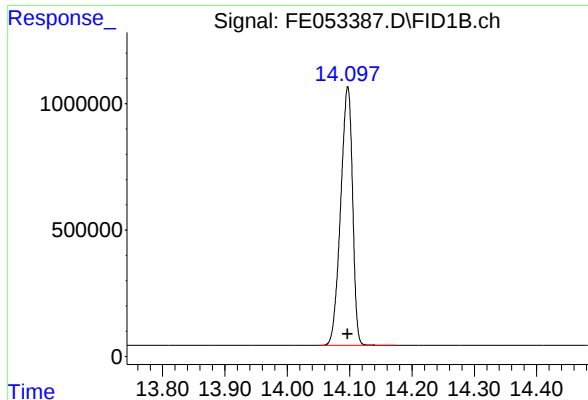
#11 n-Heneicosane (C21)

R.T.: 13.509 min  
Delta R.T.: 0.000 min  
Response: 13691253  
Conc: 96.71 ug/ml



#12 1-chlorooctadecane (SURR)

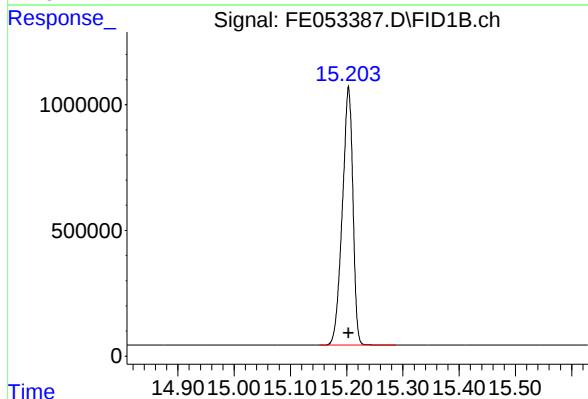
R.T.: 13.340 min  
Delta R.T.: 0.000 min  
Response: 12911819  
Conc: 97.10 ug/ml



#13 n-Docosane (C22)

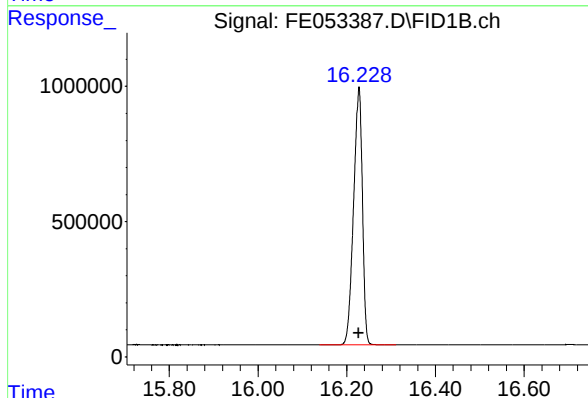
R.T.: 14.097 min  
Delta R.T.: 0.000 min  
Response: 13585495  
Conc: 96.58 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



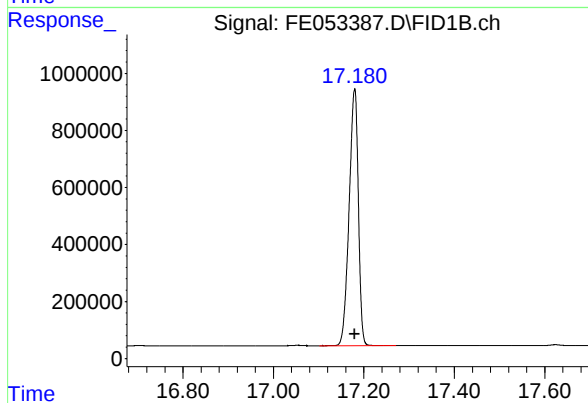
#14 n-Tetracosane (C24)

R.T.: 15.203 min  
Delta R.T.: 0.000 min  
Response: 13396031  
Conc: 96.28 ug/ml



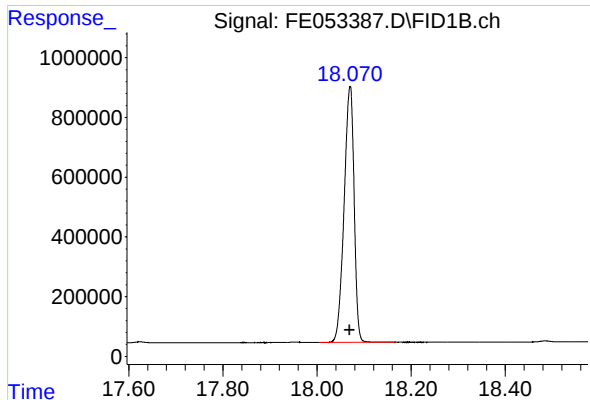
#15 n-Hexacosane (C26)

R.T.: 16.227 min  
Delta R.T.: 0.000 min  
Response: 13122804  
Conc: 96.08 ug/ml



#16 n-Octacosane (C28)

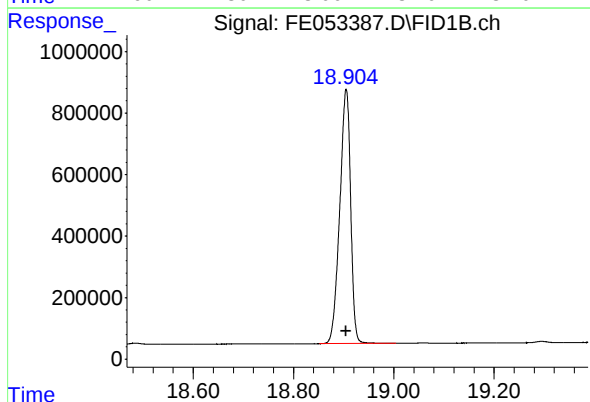
R.T.: 17.179 min  
Delta R.T.: 0.000 min  
Response: 12761876  
Conc: 95.56 ug/ml



#17 n-Tricontane (C30)

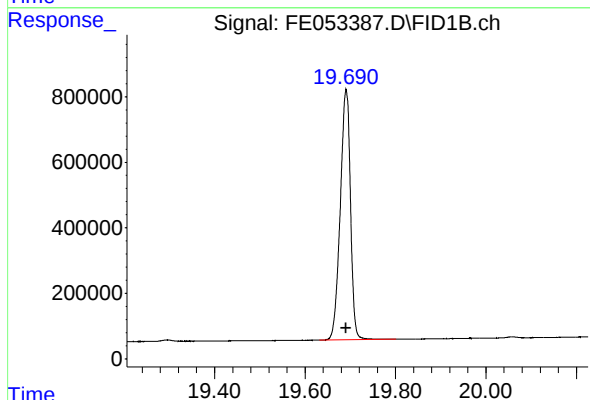
R.T.: 18.070 min  
Delta R.T.: 0.000 min  
Response: 12660425  
Conc: 95.28 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



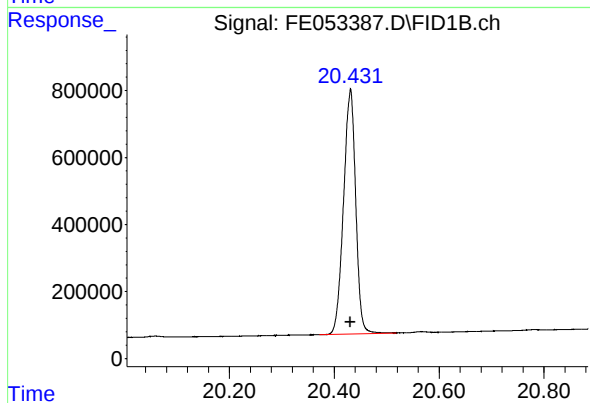
#18 n-Dotriacontane (C32)

R.T.: 18.905 min  
Delta R.T.: 0.000 min  
Response: 12453995  
Conc: 95.08 ug/ml



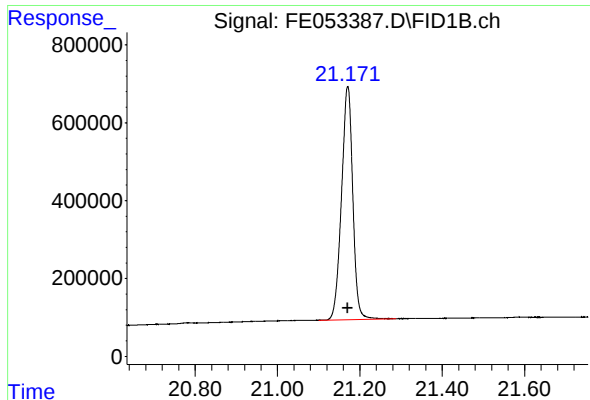
#19 n-Tetatriacontane (C34)

R.T.: 19.691 min  
Delta R.T.: 0.000 min  
Response: 11958465  
Conc: 95.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.431 min  
Delta R.T.: 0.000 min  
Response: 11785134  
Conc: 96.52 ug/ml



#21 n-Octatriacontane (C38)

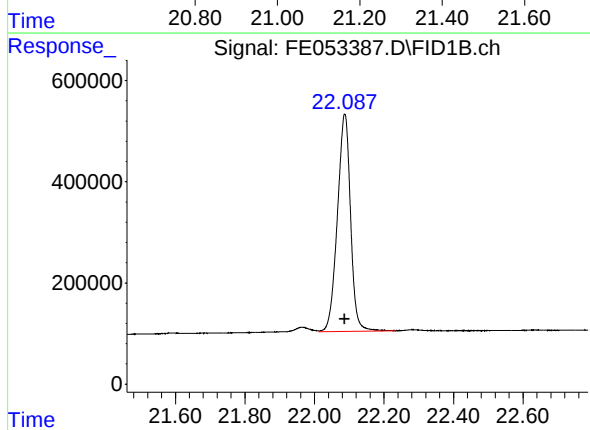
R.T.: 21.171 min  
Delta R.T.: 0.000 min  
Response: 11353126  
Conc: 96.36 ug/ml

Instrument :

FID\_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.087 min  
Delta R.T.: 0.000 min  
Response: 11263225  
Conc: 97.10 ug/ml

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
Data File : FE053387.D  
Signal(s) : FID1B.ch  
Acq On : 16 Apr 2025 15:35  
Sample : 100 PPM ALIPHATIC HC STD1  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
Title : GC Extractables

Signal : FID1B.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 3.235       | 3.151        | 3.275      | BV       | 1293097        | 13201429     | 76.51%         | 4.498%        |
| 2                       | 4.496       | 4.451        | 4.598      | BB       | 1319483        | 13423214     | 77.80%         | 4.574%        |
| 3                       | 6.209       | 6.171        | 6.358      | BV       | 1487035        | 14943300     | 86.61%         | 5.092%        |
| 4                       | 6.677       | 6.631        | 6.768      | BB       | 1292806        | 13648447     | 79.10%         | 4.651%        |
| 5                       | 7.313       | 7.268        | 7.425      | BV       | 1434572        | 14933440     | 86.55%         | 5.088%        |
| 6                       | 8.514       | 8.398        | 8.614      | BB       | 1226836        | 13623353     | 78.96%         | 4.642%        |
| 7                       | 10.129      | 10.084       | 10.228     | BB       | 1183838        | 13818363     | 80.09%         | 4.708%        |
| 8                       | 11.580      | 11.534       | 11.668     | BB       | 1155505        | 13916696     | 80.66%         | 4.742%        |
| 9                       | 11.897      | 11.824       | 12.001     | BB       | 1510414        | 17254133     | 100.00%        | 5.879%        |
| 10                      | 12.893      | 12.848       | 12.971     | BB       | 1122609        | 13773973     | 79.83%         | 4.693%        |
| 11                      | 13.340      | 13.294       | 13.444     | BB       | 1054518        | 12911819     | 74.83%         | 4.400%        |
| 12                      | 13.509      | 13.461       | 13.594     | BB       | 1104290        | 13691253     | 79.35%         | 4.665%        |
| 13                      | 14.097      | 14.051       | 14.174     | BB       | 1027855        | 13585495     | 78.74%         | 4.629%        |
| 14                      | 15.203      | 15.151       | 15.288     | BB       | 1022741        | 13396031     | 77.64%         | 4.565%        |
| 15                      | 16.227      | 16.138       | 16.311     | BB       | 954045         | 13122804     | 76.06%         | 4.471%        |
| 16                      | 17.179      | 17.101       | 17.271     | BB       | 910602         | 12761876     | 73.96%         | 4.348%        |
| 17                      | 18.070      | 18.004       | 18.168     | BB       | 866175         | 12660425     | 73.38%         | 4.314%        |
| 18                      | 18.905      | 18.851       | 19.004     | BB       | 829094         | 12453995     | 72.18%         | 4.244%        |
| 19                      | 19.691      | 19.631       | 19.801     | BB       | 764724         | 11958465     | 69.31%         | 4.075%        |
| 20                      | 20.431      | 20.371       | 20.518     | BV       | 730817         | 11785134     | 68.30%         | 4.016%        |
| 21                      | 21.171      | 21.101       | 21.288     | BB       | 599663         | 11353126     | 65.80%         | 3.868%        |
| 22                      | 22.087      | 22.013       | 22.234     | VV       | 429735         | 11263225     | 65.28%         | 3.838%        |
| Sum of corrected areas: |             |              |            |          |                | 293479995    |                |               |

Aliphatic EPH 041725.M Thu Apr 17 04:25:52 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
 Data File : FE053388.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Apr 2025 16:35  
 Operator : YP\AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Apr 16 17:33:06 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 16 17:29:00 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.890 | 8499004    | 48.625 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 97.25%       |
| 12) S 1-chlorooctadecane (S... | 13.334 | 6421755    | 48.850 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 97.70%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.231  | 6562926    | 49.074 ug/ml |
| 2) T n-Decane (C10)            | 4.492  | 6620620    | 48.970 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.205  | 7332105    | 49.034 ug/ml |
| 4) T n-Dodecane (C12)          | 6.673  | 6713832    | 48.896 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.308  | 7291791    | 48.921 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.510  | 6689138    | 48.805 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.125 | 6803677    | 48.726 ug/ml |
| 8) T n-Octadecane (C18)        | 11.574 | 6892409    | 48.741 ug/ml |
| 10) T n-Eicosane (C20)         | 12.888 | 6864559    | 48.809 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.502 | 6847577    | 48.901 ug/ml |
| 13) T n-Docosane (C22)         | 14.090 | 6821686    | 48.987 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.197 | 6773377    | 49.113 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.221 | 6677317    | 49.253 ug/ml |
| 16) T n-Octacosane (C28)       | 17.173 | 6535838    | 49.288 ug/ml |
| 17) T n-Tricontane (C30)       | 18.063 | 6526749    | 49.410 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.898 | 6438595    | 49.433 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.683 | 6170453    | 49.468 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.425 | 6039761    | 49.643 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.162 | 5881041    | 49.943 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.075 | 5741471    | 49.663 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

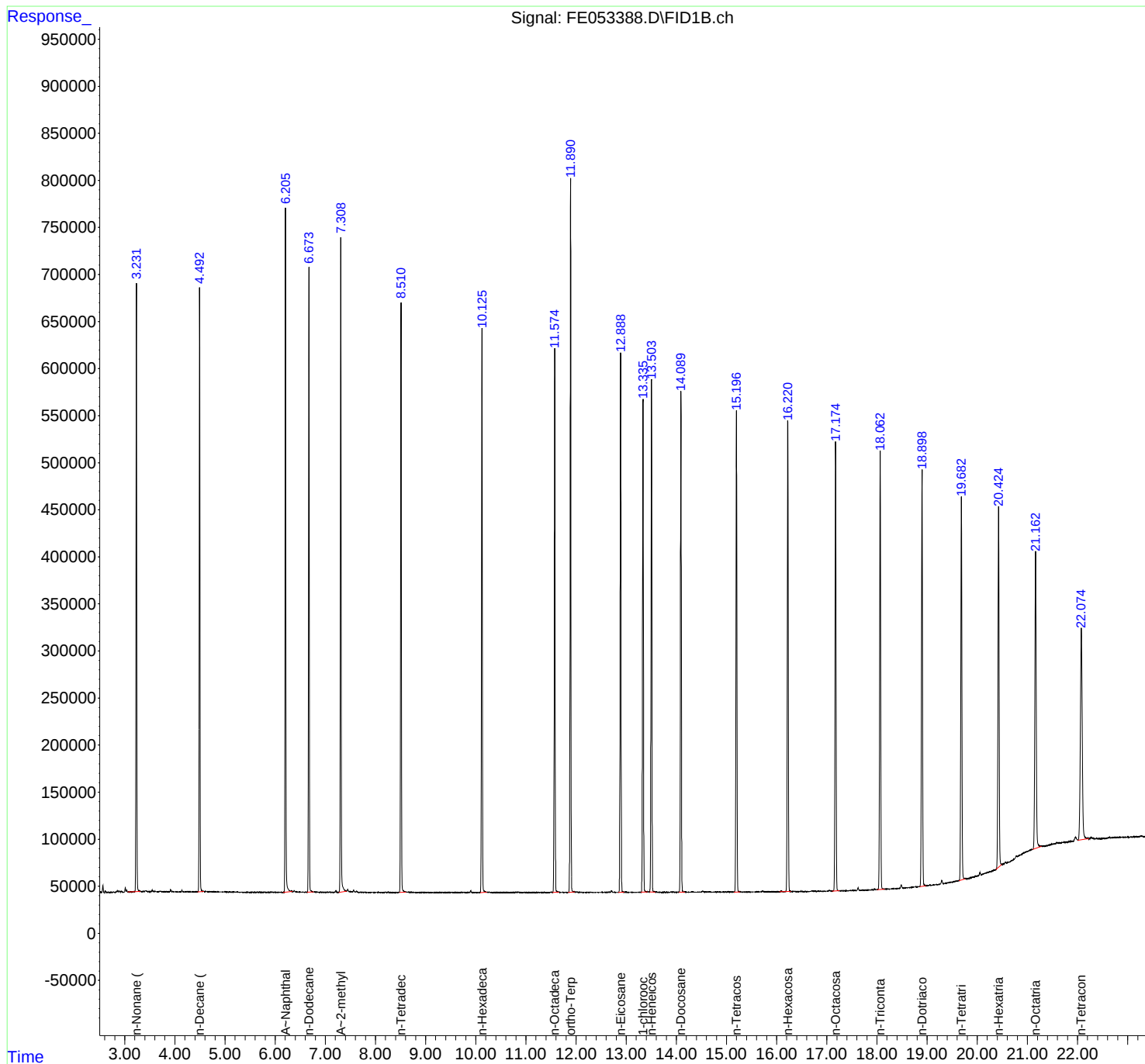
(m)=manual int.

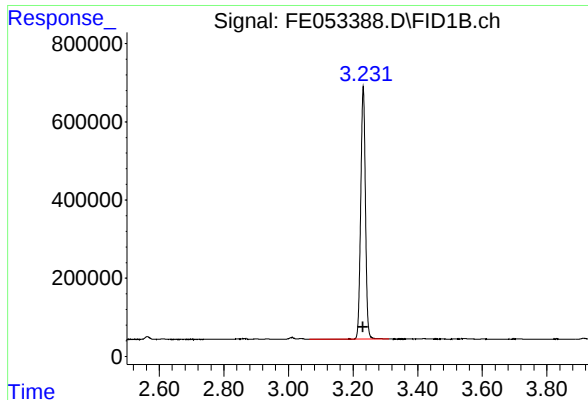
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
Data File : FE053388.D  
Signal(s) : FID1B.ch  
Acq On : 16 Apr 2025 16:35  
Operator : YP\AJ  
Sample : 50 PPM ALIPHATIC HC STD2  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
Quant Time: Apr 16 17:33:06 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 16 17:29:00 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

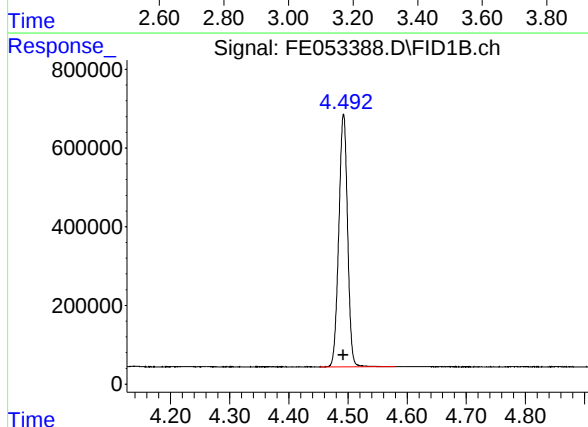




#1 n-Nonane (C9)

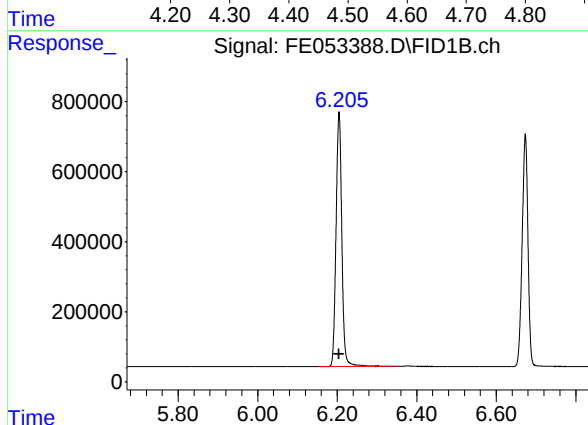
R.T.: 3.231 min  
Delta R.T.: 0.000 min  
Response: 6562926  
Conc: 49.07 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



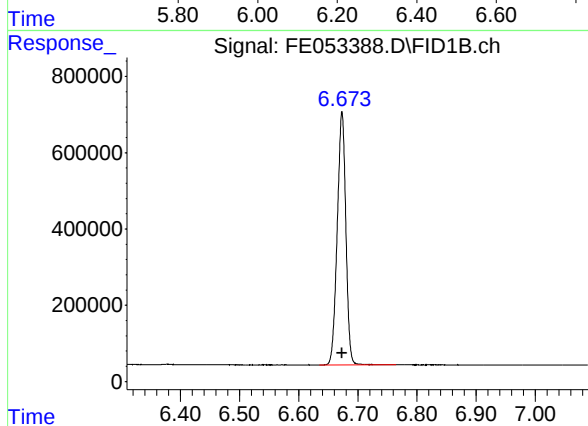
#2 n-Decane (C10)

R.T.: 4.492 min  
Delta R.T.: 0.000 min  
Response: 6620620  
Conc: 48.97 ug/ml



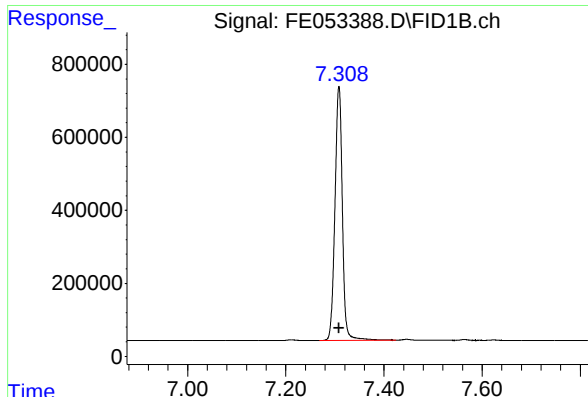
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 7332105  
Conc: 49.03 ug/ml



#4 n-Dodecane (C12)

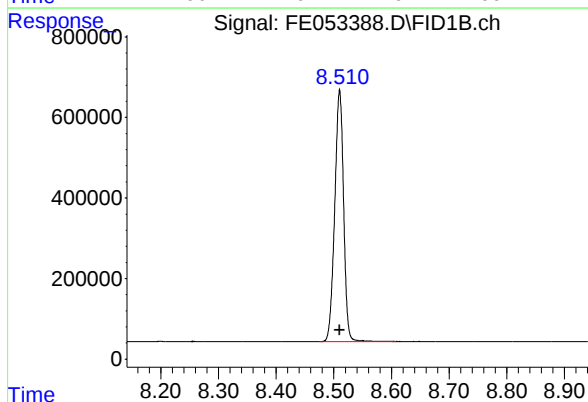
R.T.: 6.673 min  
Delta R.T.: 0.000 min  
Response: 6713832  
Conc: 48.90 ug/ml



#5 A~2-methylnaphthalene (C12.89)

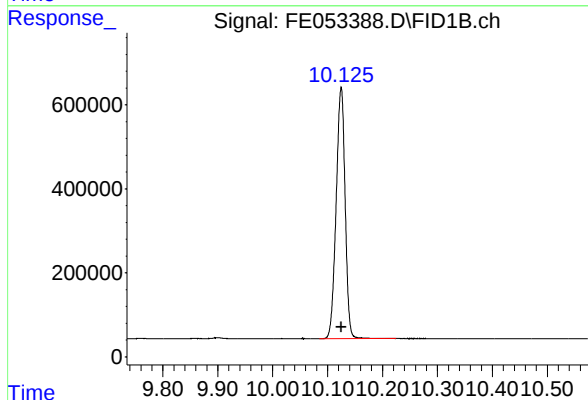
R.T.: 7.308 min  
Delta R.T.: 0.000 min  
Response: 7291791  
Conc: 48.92 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



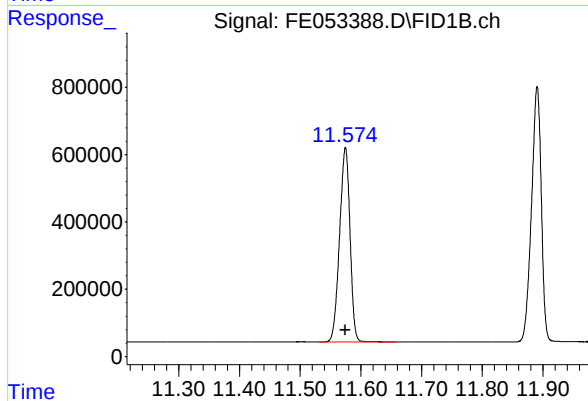
#6 n-Tetradecane (C14)

R.T.: 8.510 min  
Delta R.T.: 0.000 min  
Response: 6689138  
Conc: 48.81 ug/ml



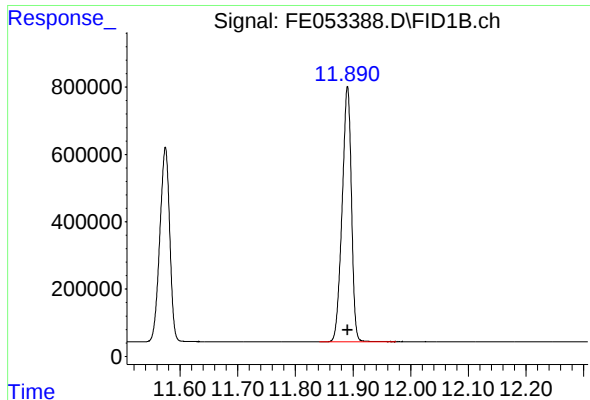
#7 n-Hexadecane (C16)

R.T.: 10.125 min  
Delta R.T.: 0.000 min  
Response: 6803677  
Conc: 48.73 ug/ml



#8 n-Octadecane (C18)

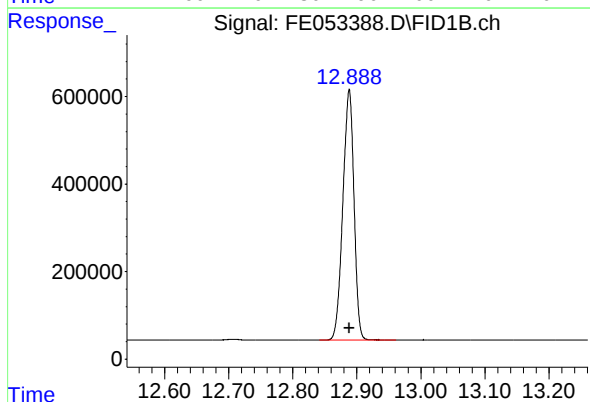
R.T.: 11.574 min  
Delta R.T.: 0.000 min  
Response: 6892409  
Conc: 48.74 ug/ml



#9 ortho-Terphenyl (SURR)

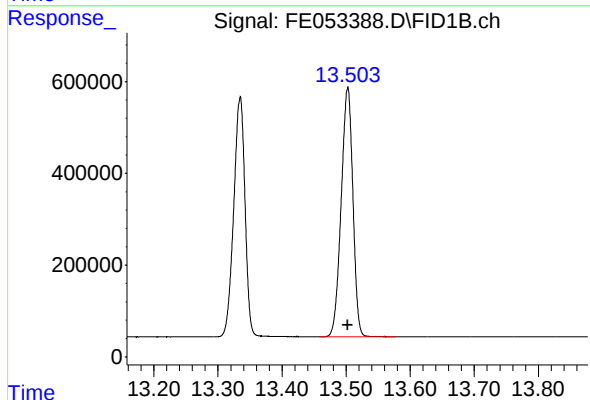
R.T.: 11.890 min  
Delta R.T.: 0.000 min  
Response: 8499004  
Conc: 48.63 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



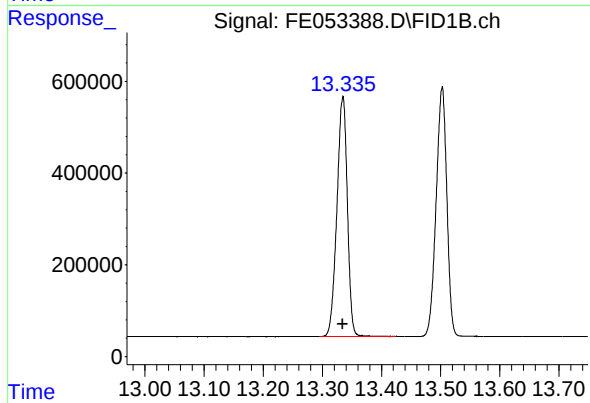
#10 n-Eicosane (C20)

R.T.: 12.888 min  
Delta R.T.: 0.000 min  
Response: 6864559  
Conc: 48.81 ug/ml



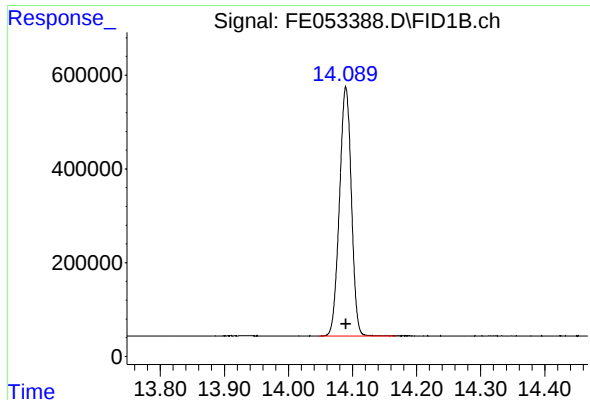
#11 n-Heneicosane (C21)

R.T.: 13.502 min  
Delta R.T.: 0.000 min  
Response: 6847577  
Conc: 48.90 ug/ml



#12 1-chlorooctadecane (SURR)

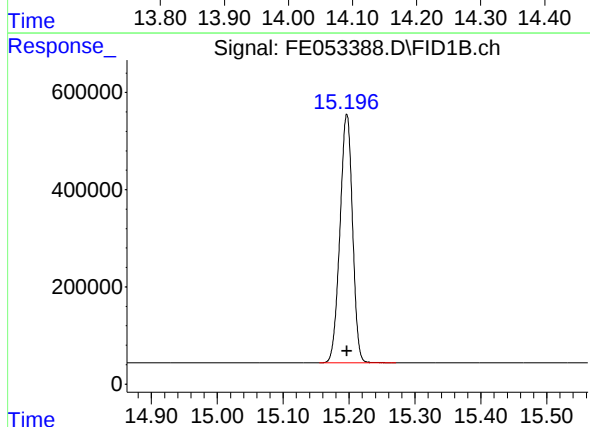
R.T.: 13.334 min  
Delta R.T.: 0.000 min  
Response: 6421755  
Conc: 48.85 ug/ml



#13 n-Docosane (C22)

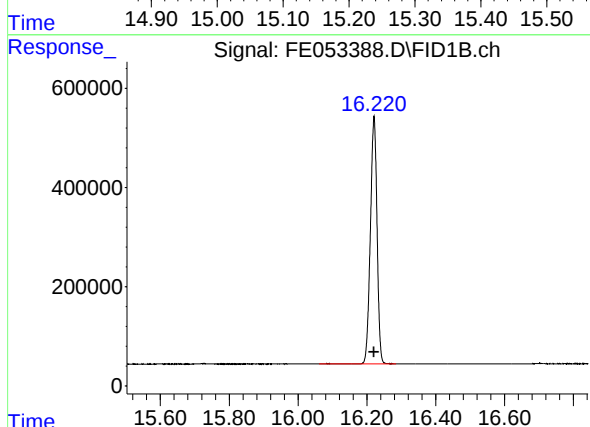
R.T.: 14.090 min  
Delta R.T.: 0.000 min  
Response: 6821686  
Conc: 48.99 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



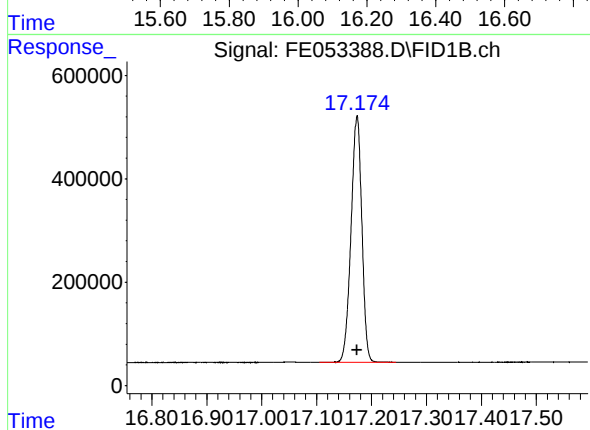
#14 n-Tetracosane (C24)

R.T.: 15.197 min  
Delta R.T.: 0.000 min  
Response: 6773377  
Conc: 49.11 ug/ml



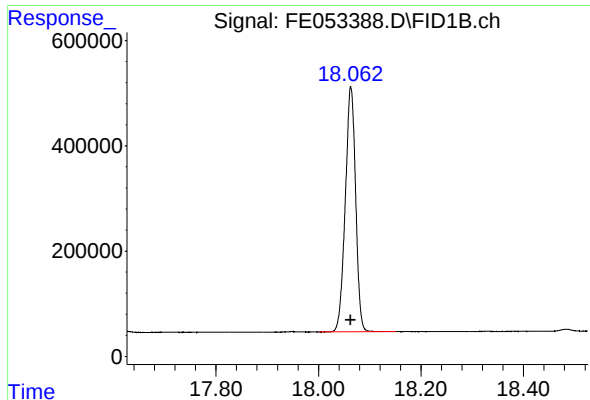
#15 n-Hexacosane (C26)

R.T.: 16.221 min  
Delta R.T.: 0.000 min  
Response: 6677317  
Conc: 49.25 ug/ml



#16 n-Octacosane (C28)

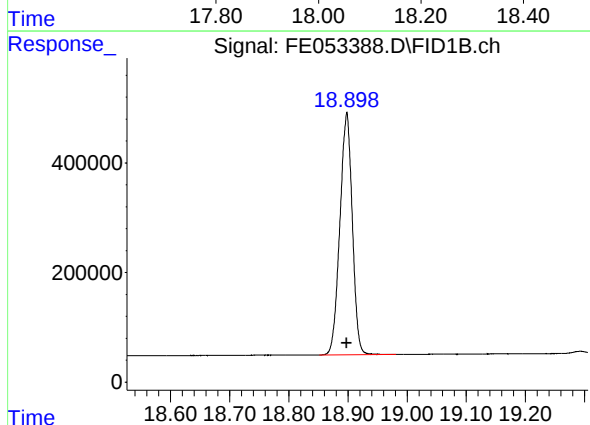
R.T.: 17.173 min  
Delta R.T.: 0.000 min  
Response: 6535838  
Conc: 49.29 ug/ml



#17 n-Tricontane (C30)

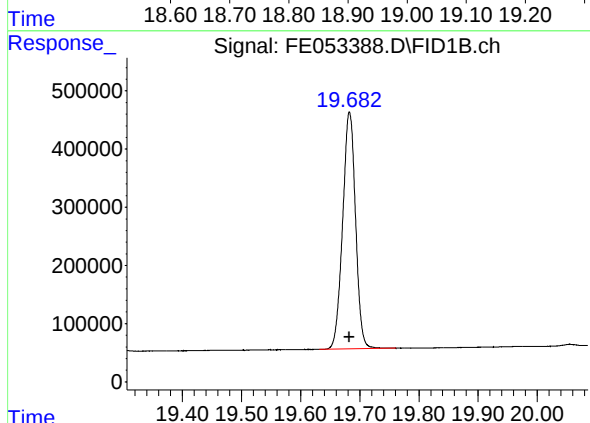
R.T.: 18.063 min  
Delta R.T.: 0.000 min  
Response: 6526749  
Conc: 49.41 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



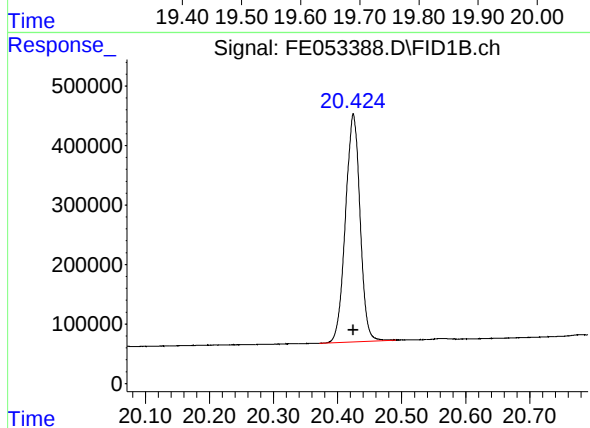
#18 n-Dotriacontane (C32)

R.T.: 18.898 min  
Delta R.T.: 0.000 min  
Response: 6438595  
Conc: 49.43 ug/ml



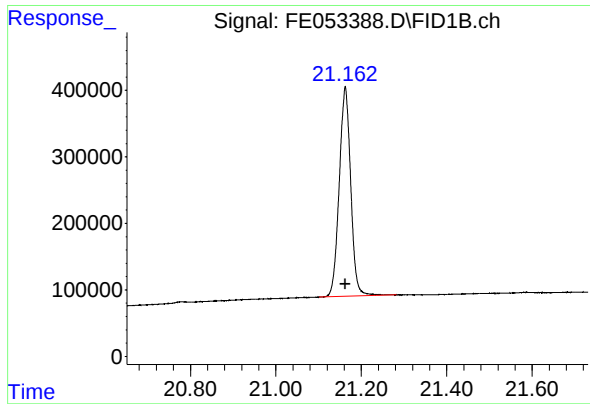
#19 n-Tetatriacontane (C34)

R.T.: 19.683 min  
Delta R.T.: 0.000 min  
Response: 6170453  
Conc: 49.47 ug/ml



#20 n-Hexatriacontane (C36)

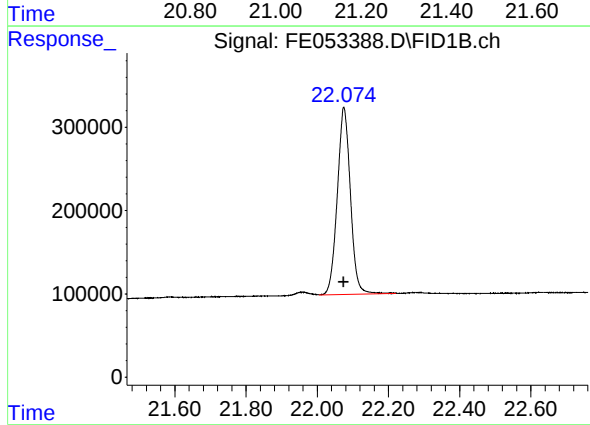
R.T.: 20.425 min  
Delta R.T.: 0.000 min  
Response: 6039761  
Conc: 49.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.162 min  
Delta R.T.: 0.000 min  
Response: 5881041  
Conc: 49.94 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.075 min  
Delta R.T.: 0.000 min  
Response: 5741471  
Conc: 49.66 ug/ml

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
Data File : FE053388.D  
Signal(s) : FID1B.ch  
Acq On : 16 Apr 2025 16:35  
Sample : 50 PPM ALIPHATIC HC STD2  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
Title : GC Extractables

Signal : FID1B.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 3.231       | 3.065        | 3.311      | BB       | 644246         | 6562926      | 77.22%         | 4.460%        |
| 2                       | 4.492       | 4.451        | 4.581      | BB       | 639740         | 6620620      | 77.90%         | 4.499%        |
| 3                       | 6.205       | 6.155        | 6.348      | BB       | 724713         | 7332105      | 86.27%         | 4.983%        |
| 4                       | 6.673       | 6.635        | 6.765      | BB       | 663649         | 6713832      | 79.00%         | 4.563%        |
| 5                       | 7.308       | 7.268        | 7.425      | BV       | 695510         | 7291791      | 85.80%         | 4.955%        |
| 6                       | 8.510       | 8.475        | 8.608      | BB       | 623330         | 6689138      | 78.70%         | 4.546%        |
| 7                       | 10.125      | 10.085       | 10.225     | BB       | 598353         | 6803677      | 80.05%         | 4.624%        |
| 8                       | 11.574      | 11.531       | 11.658     | BB       | 578076         | 6892409      | 81.10%         | 4.684%        |
| 9                       | 11.890      | 11.841       | 11.975     | BB       | 761929         | 8499004      | 100.00%        | 5.776%        |
| 10                      | 12.888      | 12.841       | 12.961     | BB       | 572047         | 6864559      | 80.77%         | 4.665%        |
| 11                      | 13.334      | 13.295       | 13.425     | BB       | 522152         | 6421755      | 75.56%         | 4.364%        |
| 12                      | 13.502      | 13.458       | 13.578     | BB       | 540370         | 6847577      | 80.57%         | 4.654%        |
| 13                      | 14.090      | 14.048       | 14.168     | BB       | 529648         | 6821686      | 80.26%         | 4.636%        |
| 14                      | 15.197      | 15.155       | 15.271     | BB       | 513772         | 6773377      | 79.70%         | 4.603%        |
| 15                      | 16.221      | 16.061       | 16.285     | BB       | 498805         | 6677317      | 78.57%         | 4.538%        |
| 16                      | 17.173      | 17.105       | 17.245     | BB       | 479074         | 6535838      | 76.90%         | 4.442%        |
| 17                      | 18.063      | 18.001       | 18.151     | BB       | 463690         | 6526749      | 76.79%         | 4.436%        |
| 18                      | 18.898      | 18.851       | 18.981     | BB       | 440326         | 6438595      | 75.76%         | 4.376%        |
| 19                      | 19.683      | 19.631       | 19.761     | BB       | 407622         | 6170453      | 72.60%         | 4.193%        |
| 20                      | 20.425      | 20.371       | 20.491     | BB       | 382777         | 6039761      | 71.06%         | 4.105%        |
| 21                      | 21.162      | 21.101       | 21.281     | BB       | 313577         | 5881041      | 69.20%         | 3.997%        |
| 22                      | 22.075      | 22.005       | 22.221     | VB       | 225074         | 5741471      | 67.55%         | 3.902%        |
| Sum of corrected areas: |             |              |            |          |                | 147145678    |                |               |

Aliphatic EPH 041725.M Thu Apr 17 04:26:26 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
 Data File : FE053389.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Apr 2025 17:05  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD3  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e  
 Quant Time: Apr 16 17:29:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 16 17:29:00 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.886 | 3636748    | 20.000 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| 12) S 1-chlorooctadecane (S... | 13.330 | 2736436    | 20.000 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.230  | 2758721    | 20.000 ug/ml |
| 2) T n-Decane (C10)            | 4.491  | 2778902    | 20.000 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.203  | 3050394    | 20.000 ug/ml |
| 4) T n-Dodecane (C12)          | 6.671  | 2823242    | 20.000 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.306  | 3039727    | 20.000 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.508  | 2823165    | 20.000 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.121 | 2892742    | 20.000 ug/ml |
| 8) T n-Octadecane (C18)        | 11.571 | 2944162    | 20.000 ug/ml |
| 10) T n-Eicosane (C20)         | 12.885 | 2937897    | 20.000 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.499 | 2924442    | 20.000 ug/ml |
| 13) T n-Docosane (C22)         | 14.087 | 2909579    | 20.000 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.194 | 2886306    | 20.000 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.218 | 2838759    | 20.000 ug/ml |
| 16) T n-Octacosane (C28)       | 17.170 | 2789638    | 20.000 ug/ml |
| 17) T n-Tricontane (C30)       | 18.060 | 2782832    | 20.000 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.893 | 2748709    | 20.000 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.680 | 2624272    | 20.000 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.422 | 2526868    | 20.000 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.158 | 2442302    | 20.000 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.073 | 2387252    | 20.000 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

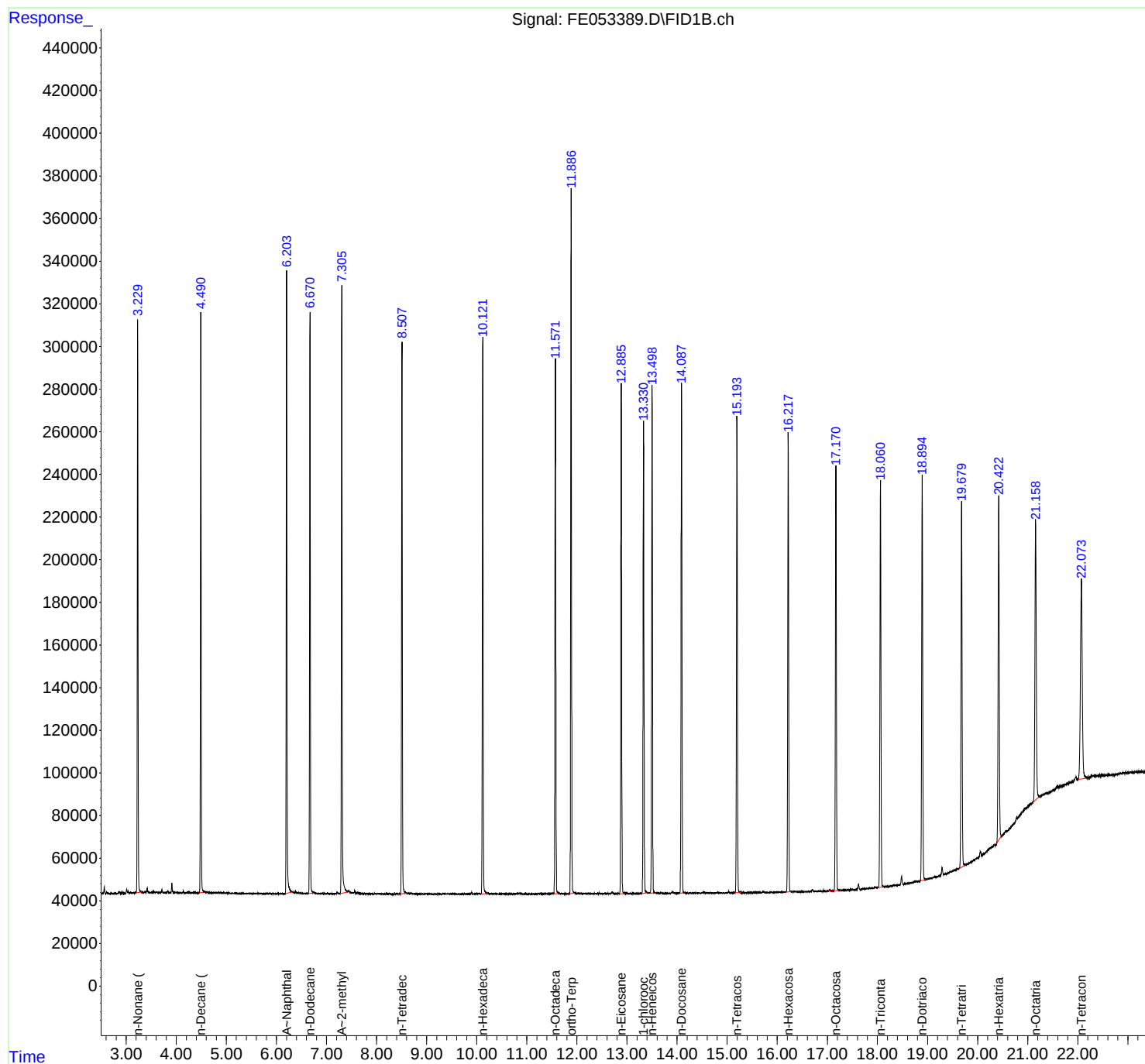
(m)=manual int.

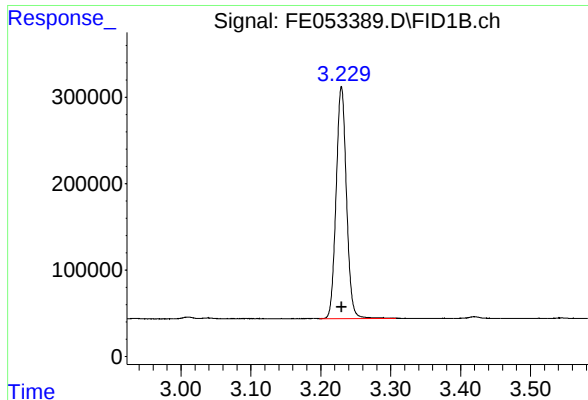
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
Data File : FE053389.D  
Signal(s) : FID1B.ch  
Acq On : 16 Apr 2025 17:05  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD3  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e  
Quant Time: Apr 16 17:29:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 16 17:29:00 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

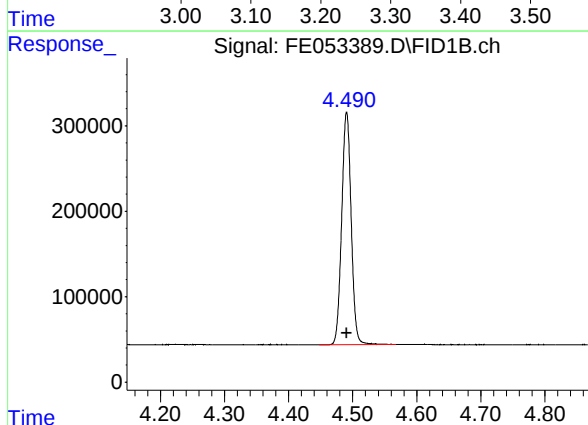




#1 n-Nonane (C9)

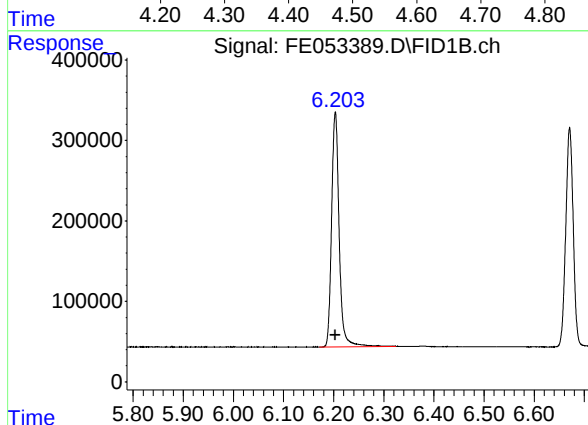
R.T.: 3.230 min  
Delta R.T.: 0.000 min  
Response: 2758721  
Conc: 20.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3



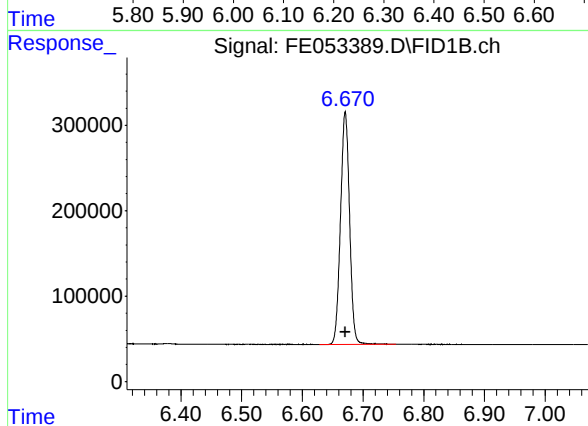
#2 n-Decane (C10)

R.T.: 4.491 min  
Delta R.T.: 0.000 min  
Response: 2778902  
Conc: 20.00 ug/ml



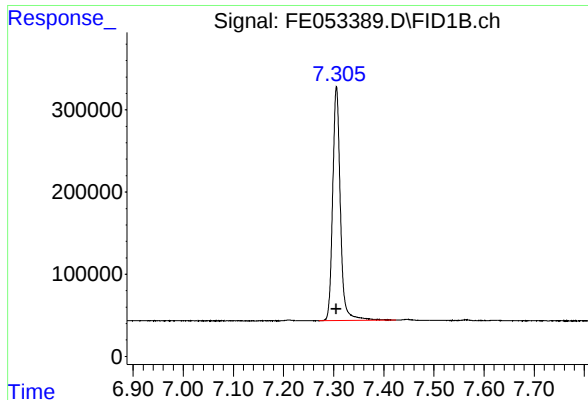
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min  
Delta R.T.: 0.000 min  
Response: 3050394  
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

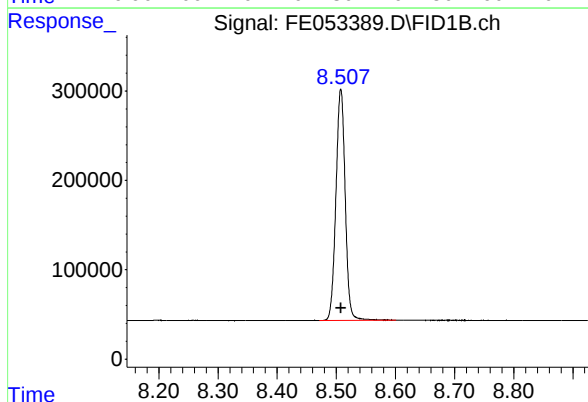
R.T.: 6.671 min  
Delta R.T.: 0.000 min  
Response: 2823242  
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

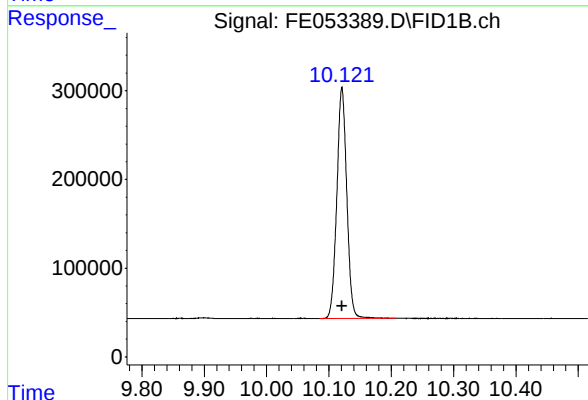
R.T.: 7.306 min  
Delta R.T.: 0.000 min  
Response: 3039727  
Conc: 20.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3



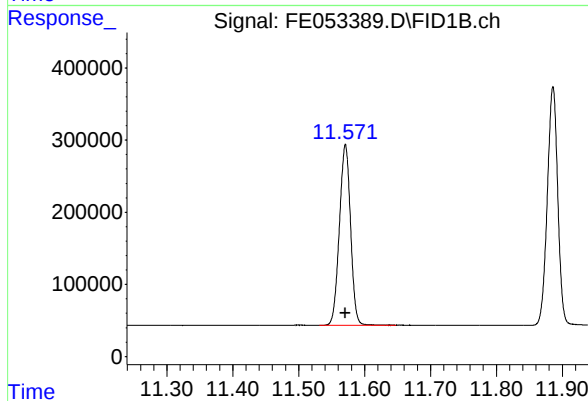
#6 n-Tetradecane (C14)

R.T.: 8.508 min  
Delta R.T.: 0.000 min  
Response: 2823165  
Conc: 20.00 ug/ml



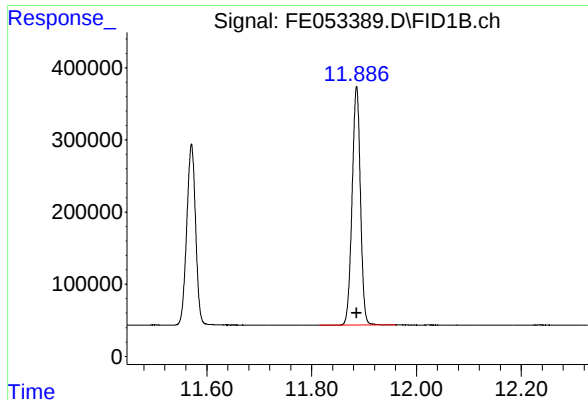
#7 n-Hexadecane (C16)

R.T.: 10.121 min  
Delta R.T.: 0.000 min  
Response: 2892742  
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

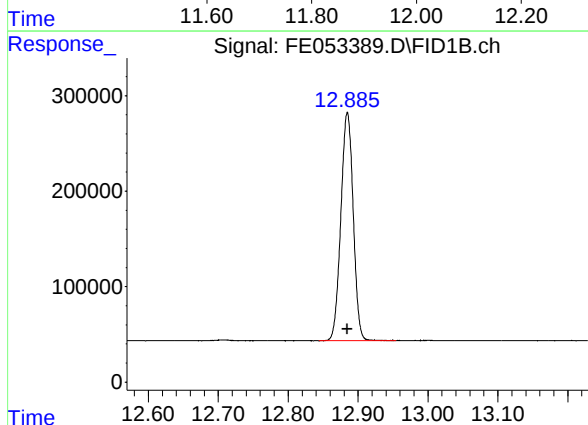
R.T.: 11.571 min  
Delta R.T.: 0.000 min  
Response: 2944162  
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

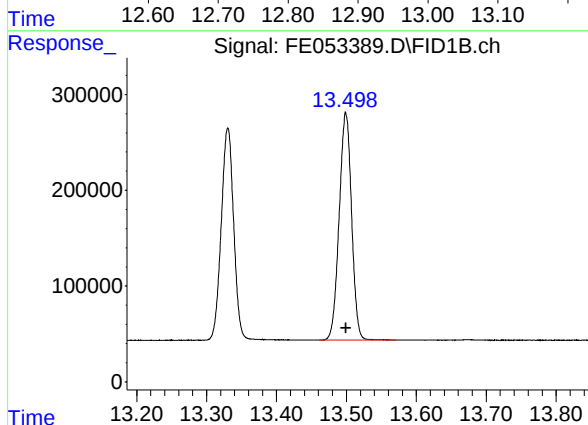
R.T.: 11.886 min  
Delta R.T.: 0.000 min  
Response: 3636748  
Conc: 20.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3



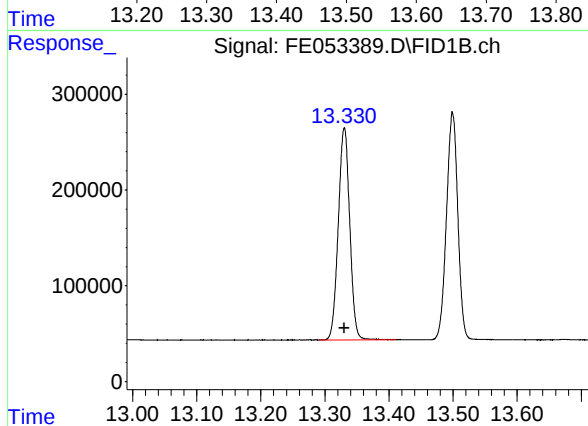
#10 n-Eicosane (C20)

R.T.: 12.885 min  
Delta R.T.: 0.000 min  
Response: 2937897  
Conc: 20.00 ug/ml



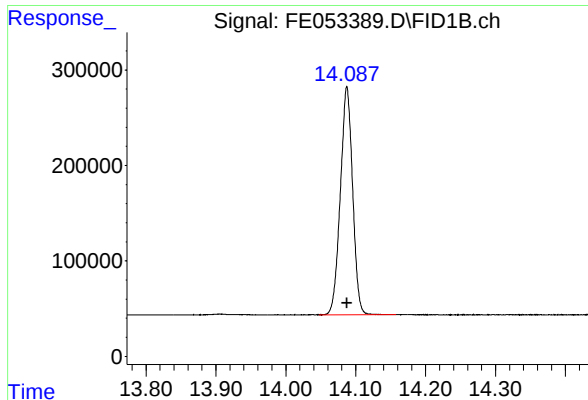
#11 n-Heneicosane (C21)

R.T.: 13.499 min  
Delta R.T.: 0.000 min  
Response: 2924442  
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

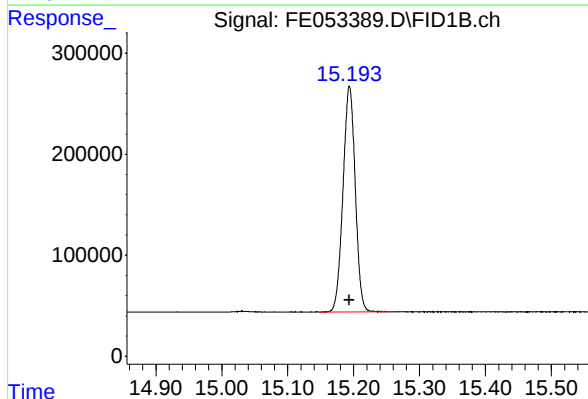
R.T.: 13.330 min  
Delta R.T.: 0.000 min  
Response: 2736436  
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

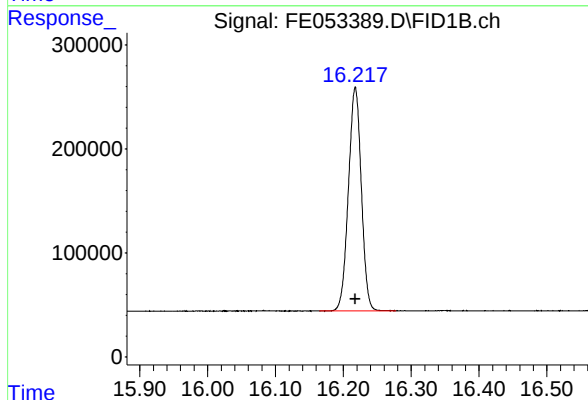
R.T.: 14.087 min  
Delta R.T.: 0.000 min  
Response: 2909579  
Conc: 20.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3



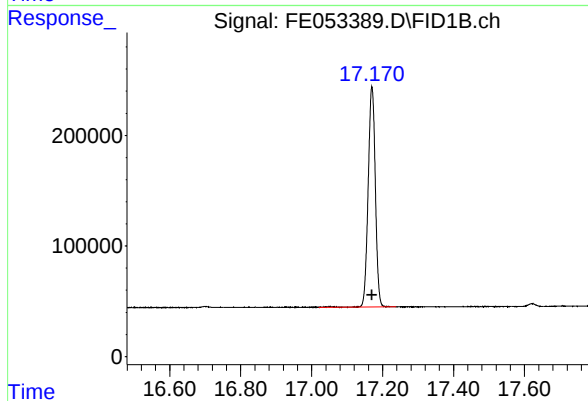
#14 n-Tetracosane (C24)

R.T.: 15.194 min  
Delta R.T.: 0.000 min  
Response: 2886306  
Conc: 20.00 ug/ml



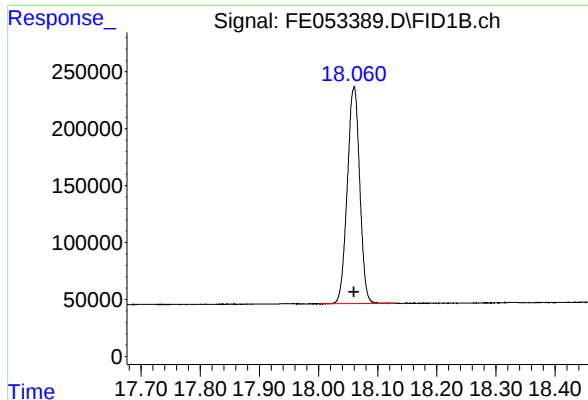
#15 n-Hexacosane (C26)

R.T.: 16.218 min  
Delta R.T.: 0.000 min  
Response: 2838759  
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

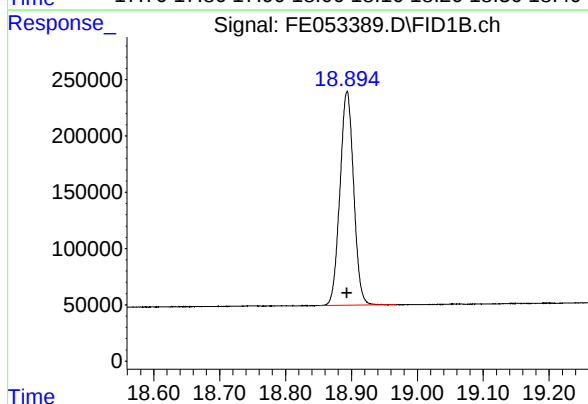
R.T.: 17.170 min  
Delta R.T.: 0.000 min  
Response: 2789638  
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

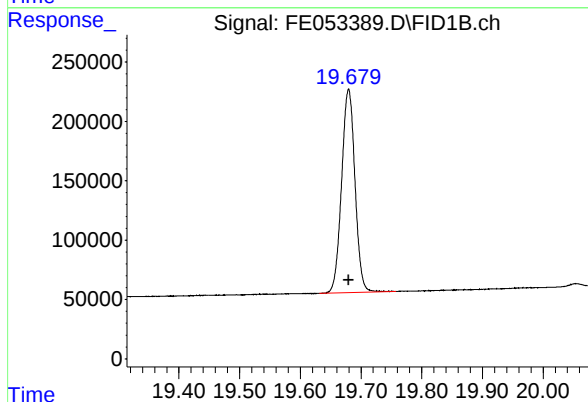
R.T.: 18.060 min  
Delta R.T.: 0.000 min  
Response: 2782832  
Conc: 20.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3



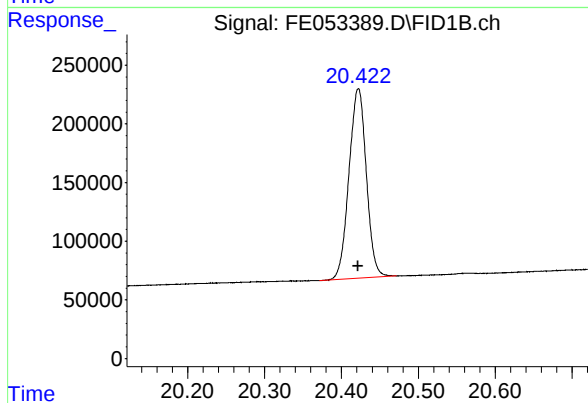
#18 n-Dotriacontane (C32)

R.T.: 18.893 min  
Delta R.T.: 0.000 min  
Response: 2748709  
Conc: 20.00 ug/ml



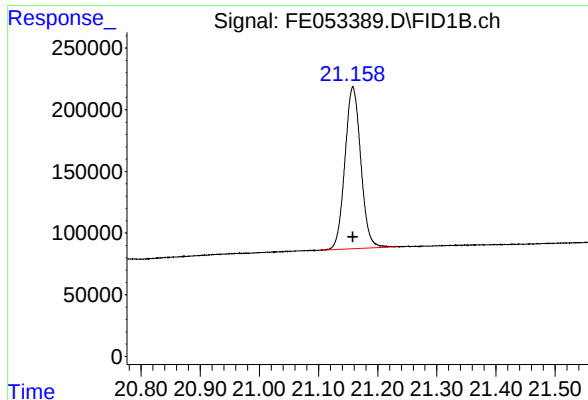
#19 n-Tetatriacontane (C34)

R.T.: 19.680 min  
Delta R.T.: 0.000 min  
Response: 2624272  
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

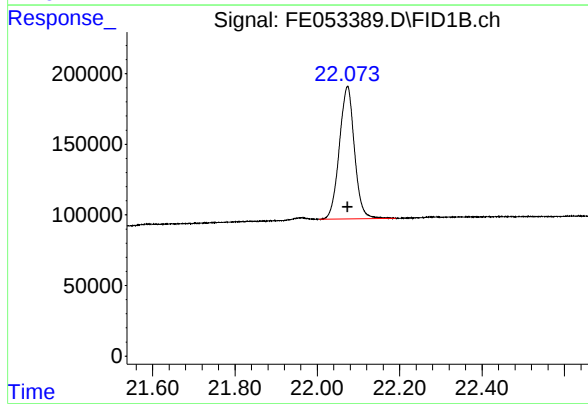
R.T.: 20.422 min  
Delta R.T.: 0.000 min  
Response: 2526868  
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.158 min  
Delta R.T.: 0.000 min  
Response: 2442302  
Conc: 20.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.073 min  
Delta R.T.: 0.000 min  
Response: 2387252  
Conc: 20.00 ug/ml

rteres

# Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
 Data File : FE053389.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Apr 2025 17:05  
 Sample : 20 PPM ALIPHATIC HC STD3  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Title : GC Extractables

Signal : FID1B.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 3.230       | 3.198        | 3.308      | BB       | 267962         | 2758721      | 75.86%         | 4.429%        |
| 2                       | 4.491       | 4.448        | 4.568      | BB       | 272704         | 2778902      | 76.41%         | 4.462%        |
| 3                       | 6.203       | 6.171        | 6.324      | BB       | 292802         | 3050394      | 83.88%         | 4.898%        |
| 4                       | 6.671       | 6.628        | 6.754      | BB       | 271603         | 2823242      | 77.63%         | 4.533%        |
| 5                       | 7.306       | 7.271        | 7.424      | BV       | 282773         | 3039727      | 83.58%         | 4.881%        |
| 6                       | 8.508       | 8.471        | 8.601      | BB       | 259133         | 2823165      | 77.63%         | 4.533%        |
| 7                       | 10.121      | 10.084       | 10.208     | BB       | 260136         | 2892742      | 79.54%         | 4.645%        |
| 8                       | 11.571      | 11.531       | 11.648     | BB       | 250837         | 2944162      | 80.96%         | 4.727%        |
| 9                       | 11.886      | 11.814       | 11.961     | BB       | 328980         | 3636748      | 100.00%        | 5.839%        |
| 10                      | 12.885      | 12.844       | 12.954     | BB       | 239134         | 2937897      | 80.78%         | 4.717%        |
| 11                      | 13.330      | 13.291       | 13.411     | BB       | 221954         | 2736436      | 75.24%         | 4.394%        |
| 12                      | 13.499      | 13.461       | 13.571     | BB       | 236315         | 2924442      | 80.41%         | 4.695%        |
| 13                      | 14.087      | 14.048       | 14.158     | BB       | 238674         | 2909579      | 80.00%         | 4.672%        |
| 14                      | 15.194      | 15.148       | 15.264     | BB       | 223550         | 2886306      | 79.37%         | 4.634%        |
| 15                      | 16.218      | 16.164       | 16.278     | BB       | 214955         | 2838759      | 78.06%         | 4.558%        |
| 16                      | 17.170      | 17.021       | 17.238     | BB       | 198686         | 2789638      | 76.71%         | 4.479%        |
| 17                      | 18.060      | 18.001       | 18.131     | BB       | 191290         | 2782832      | 76.52%         | 4.468%        |
| 18                      | 18.893      | 18.851       | 18.968     | BB       | 190388         | 2748709      | 75.58%         | 4.413%        |
| 19                      | 19.680      | 19.631       | 19.758     | BB       | 171279         | 2624272      | 72.16%         | 4.213%        |
| 20                      | 20.422      | 20.371       | 20.471     | BV       | 161787         | 2526868      | 69.48%         | 4.057%        |
| 21                      | 21.158      | 21.101       | 21.231     | BB       | 131193         | 2442302      | 67.16%         | 3.921%        |
| 22                      | 22.073      | 22.004       | 22.191     | BB       | 94184          | 2387252      | 65.64%         | 3.833%        |
| Sum of corrected areas: |             |              |            |          |                |              | 62283095       |               |

Aliphatic EPH 041725.M Thu Apr 17 04:26:43 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
 Data File : FE053390.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Apr 2025 17:36  
 Operator : YP\AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e  
 Quant Time: Apr 16 17:59:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 16 17:59:32 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.884 | 1893058    | 10.610 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.22%       |
| 12) S 1-chlorooctadecane (S... | 13.330 | 1412249    | 10.547 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.09%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.229  | 1427931    | 10.499 ug/ml |
| 2) T n-Decane (C10)            | 4.490  | 1440599    | 10.484 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.204  | 1558579    | 10.314 ug/ml |
| 4) T n-Dodecane (C12)          | 6.670  | 1457518    | 10.454 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.306  | 1522133    | 10.158 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.507  | 1461405    | 10.489 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.121 | 1500903    | 10.551 ug/ml |
| 8) T n-Octadecane (C18)        | 11.570 | 1528768    | 10.596 ug/ml |
| 10) T n-Eicosane (C20)         | 12.884 | 1532713    | 10.659 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.498 | 1523248    | 10.644 ug/ml |
| 13) T n-Docosane (C22)         | 14.086 | 1528369    | 10.714 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.193 | 1552378    | 10.913 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.217 | 1541972    | 10.996 ug/ml |
| 16) T n-Octacosane (C28)       | 17.169 | 1526585    | 11.093 ug/ml |
| 17) T n-Tricontane (C30)       | 18.058 | 1529997    | 11.142 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.893 | 1499644    | 11.094 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.678 | 1400795    | 10.895 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.420 | 1333734    | 10.705 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.157 | 1286878    | 10.680 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.070 | 1278773    | 10.775 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

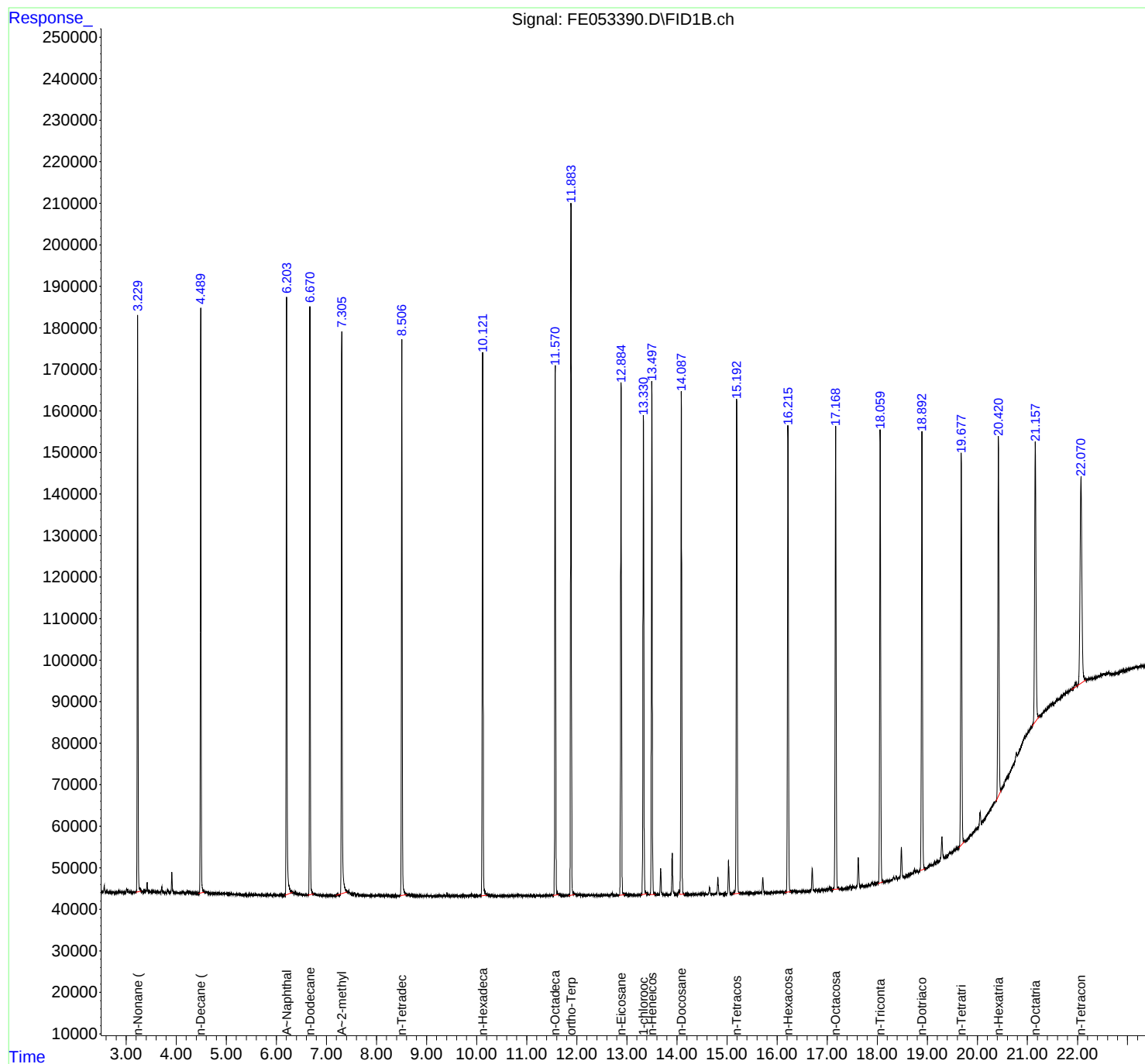
(m)=manual int.

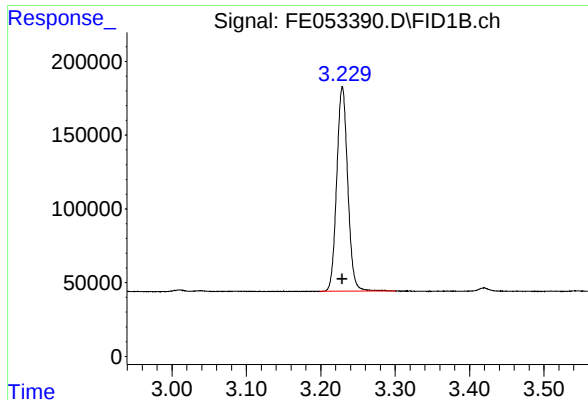
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
Data File : FE053390.D  
Signal(s) : FID1B.ch  
Acq On : 16 Apr 2025 17:36  
Operator : YP\AJ  
Sample : 10 PPM ALIPHATIC HC STD4  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e  
Quant Time: Apr 16 17:59:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 16 17:59:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

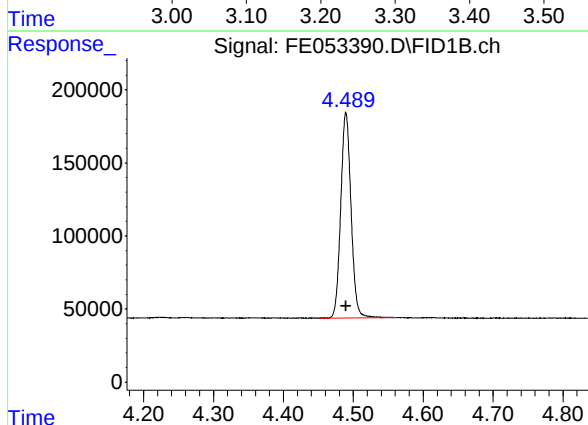




#1 n-Nonane (C9)

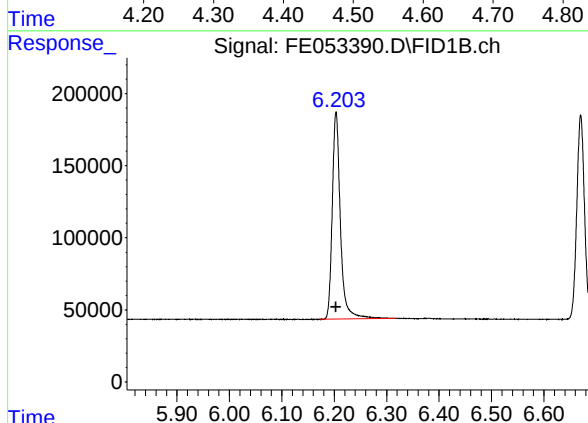
R.T.: 3.229 min  
Delta R.T.: 0.000 min  
Response: 1427931  
Conc: 10.50 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



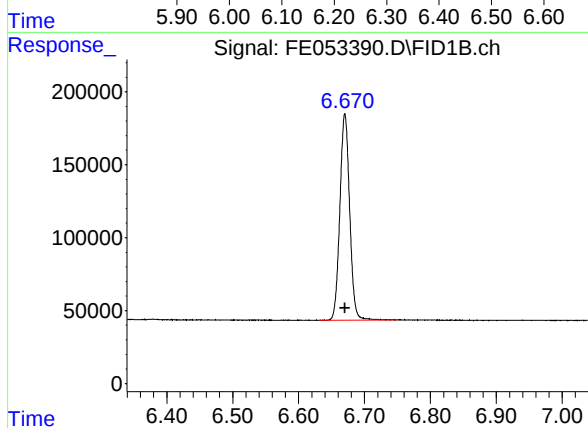
#2 n-Decane (C10)

R.T.: 4.490 min  
Delta R.T.: 0.000 min  
Response: 1440599  
Conc: 10.48 ug/ml



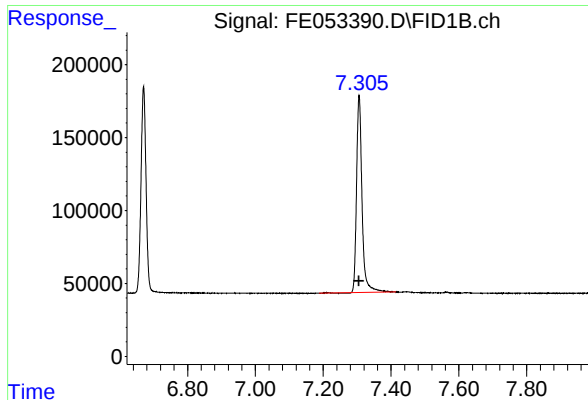
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 1558579  
Conc: 10.31 ug/ml



#4 n-Dodecane (C12)

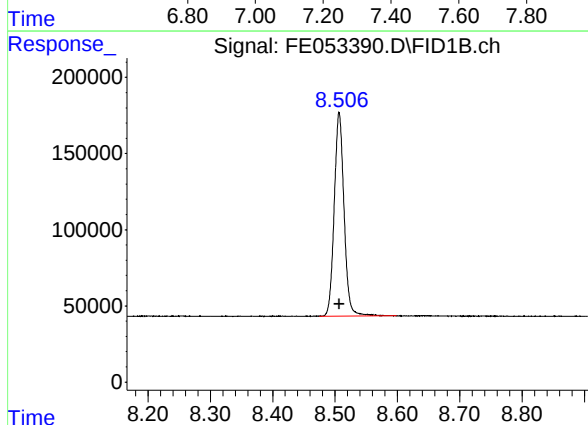
R.T.: 6.670 min  
Delta R.T.: 0.000 min  
Response: 1457518  
Conc: 10.45 ug/ml



#5 A~2-methylnaphthalene (C12.89)

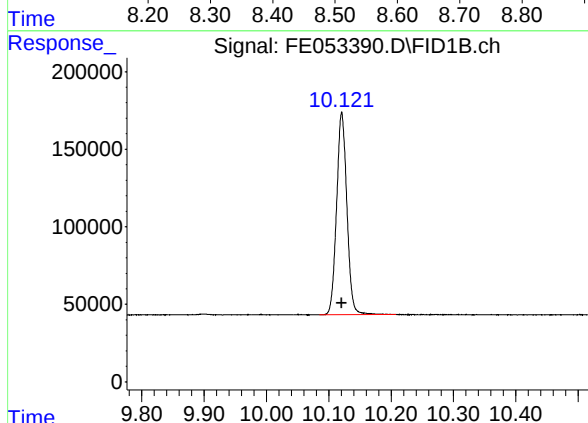
R.T.: 7.306 min  
Delta R.T.: 0.000 min  
Response: 1522133  
Conc: 10.16 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



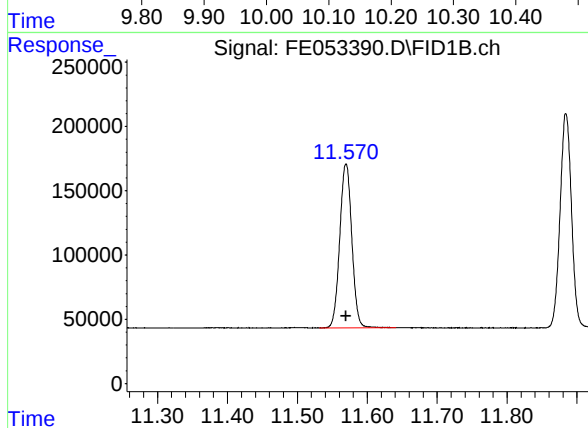
#6 n-Tetradecane (C14)

R.T.: 8.507 min  
Delta R.T.: 0.000 min  
Response: 1461405  
Conc: 10.49 ug/ml



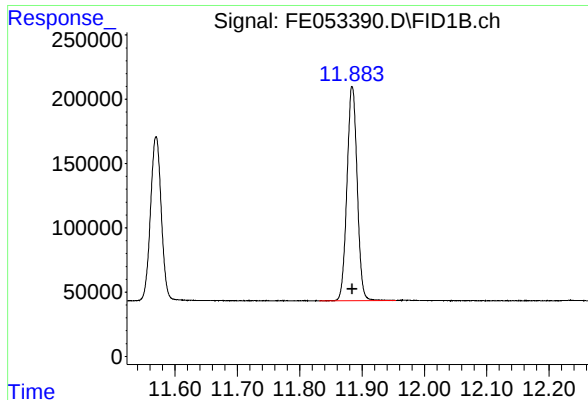
#7 n-Hexadecane (C16)

R.T.: 10.121 min  
Delta R.T.: 0.000 min  
Response: 1500903  
Conc: 10.55 ug/ml



#8 n-Octadecane (C18)

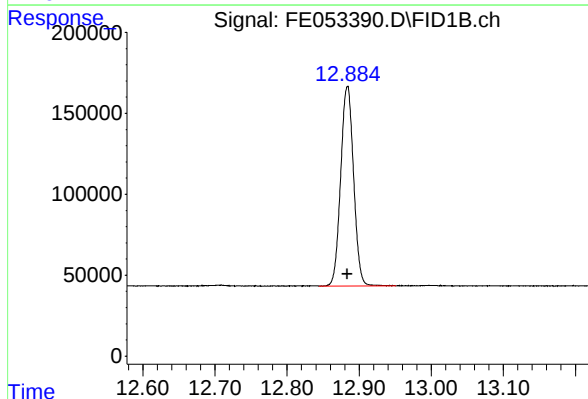
R.T.: 11.570 min  
Delta R.T.: 0.000 min  
Response: 1528768  
Conc: 10.60 ug/ml



#9 ortho-Terphenyl (SURR)

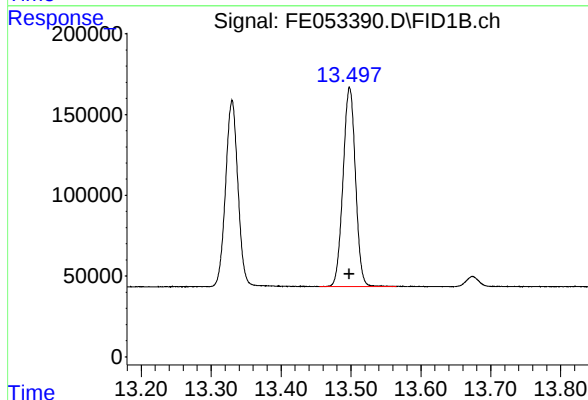
R.T.: 11.884 min  
Delta R.T.: 0.000 min  
Response: 1893058  
Conc: 10.61 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



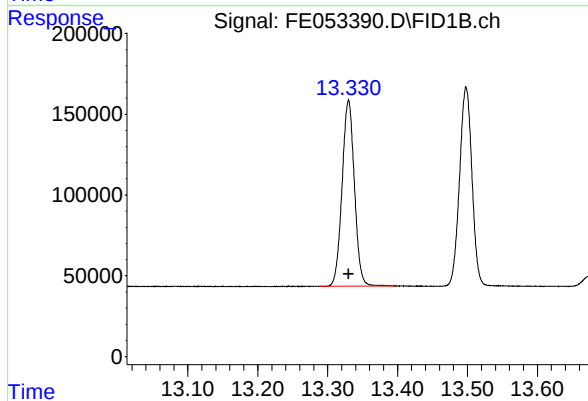
#10 n-Eicosane (C20)

R.T.: 12.884 min  
Delta R.T.: 0.000 min  
Response: 1532713  
Conc: 10.66 ug/ml



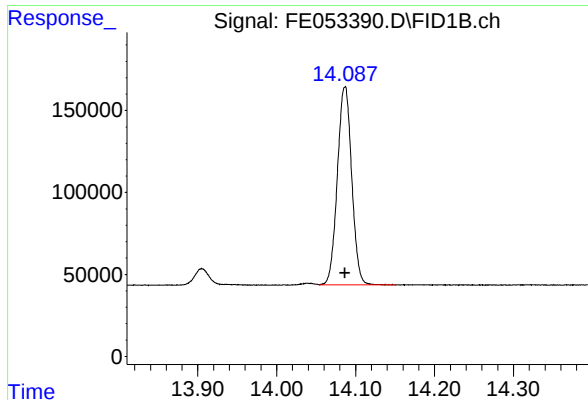
#11 n-Heneicosane (C21)

R.T.: 13.498 min  
Delta R.T.: 0.000 min  
Response: 1523248  
Conc: 10.64 ug/ml



#12 1-chlorooctadecane (SURR)

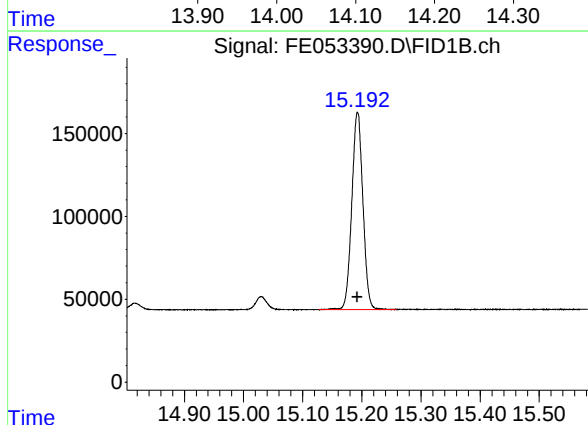
R.T.: 13.330 min  
Delta R.T.: 0.000 min  
Response: 1412249  
Conc: 10.55 ug/ml



#13 n-Docosane (C22)

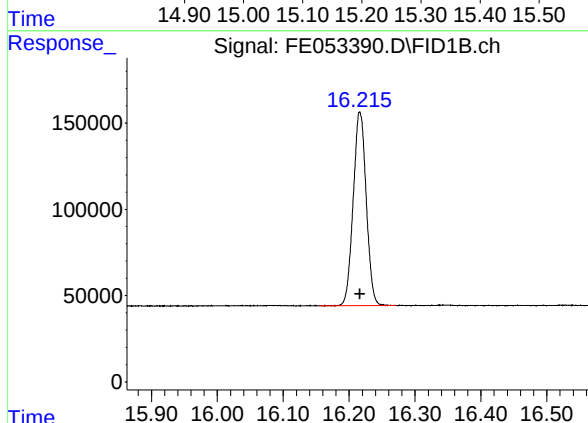
R.T.: 14.086 min  
Delta R.T.: 0.000 min  
Response: 1528369  
Conc: 10.71 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



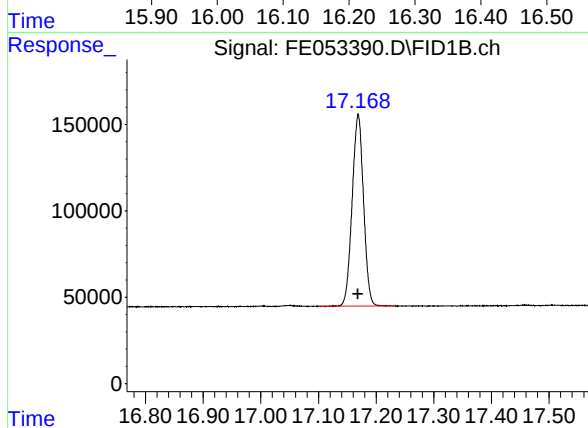
#14 n-Tetracosane (C24)

R.T.: 15.193 min  
Delta R.T.: 0.000 min  
Response: 1552378  
Conc: 10.91 ug/ml



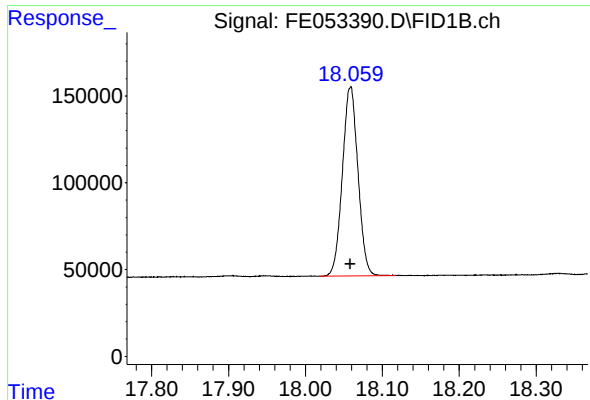
#15 n-Hexacosane (C26)

R.T.: 16.217 min  
Delta R.T.: 0.000 min  
Response: 1541972  
Conc: 11.00 ug/ml



#16 n-Octacosane (C28)

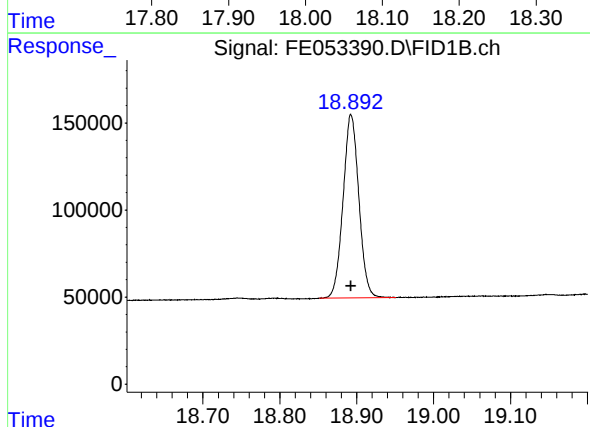
R.T.: 17.169 min  
Delta R.T.: 0.000 min  
Response: 1526585  
Conc: 11.09 ug/ml



#17 n-Tricontane (C30)

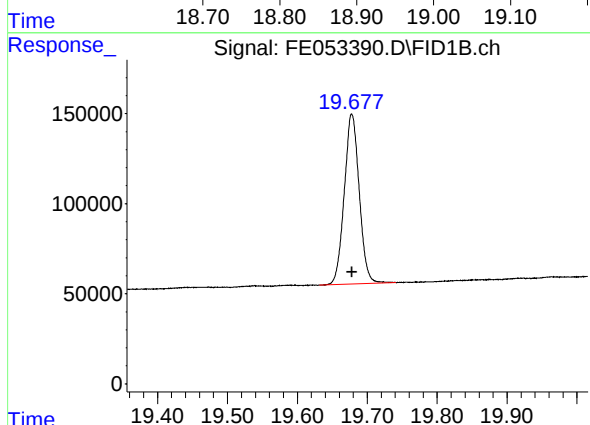
R.T.: 18.058 min  
Delta R.T.: 0.000 min  
Response: 1529997  
Conc: 11.14 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



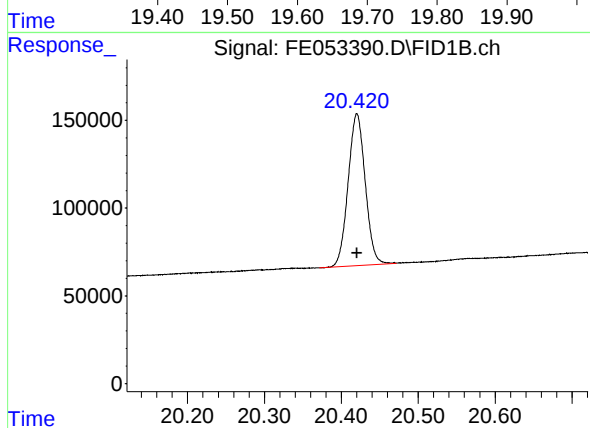
#18 n-Dotriacontane (C32)

R.T.: 18.893 min  
Delta R.T.: 0.000 min  
Response: 1499644  
Conc: 11.09 ug/ml



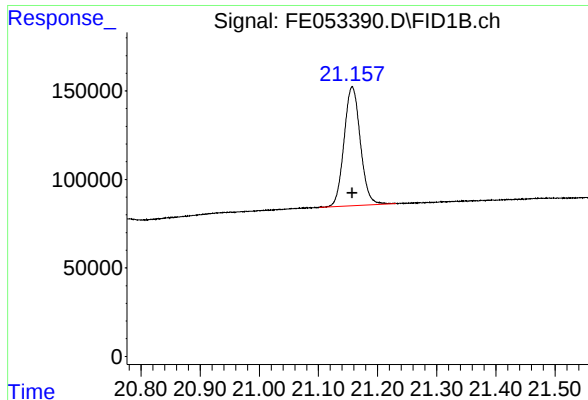
#19 n-Tetatriacontane (C34)

R.T.: 19.678 min  
Delta R.T.: 0.000 min  
Response: 1400795  
Conc: 10.90 ug/ml



#20 n-Hexatriacontane (C36)

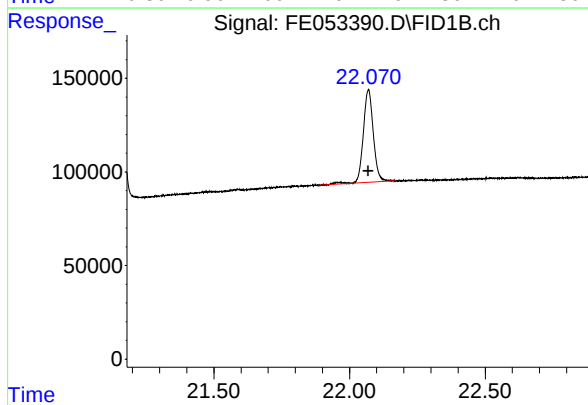
R.T.: 20.420 min  
Delta R.T.: 0.000 min  
Response: 1333734  
Conc: 10.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.157 min  
Delta R.T.: 0.000 min  
Response: 1286878  
Conc: 10.68 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.070 min  
Delta R.T.: 0.000 min  
Response: 1278773  
Conc: 10.78 ug/ml

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
Data File : FE053390.D  
Signal(s) : FID1B.ch  
Acq On : 16 Apr 2025 17:36  
Sample : 10 PPM ALIPHATIC HC STD4  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
Title : GC Extractables

Signal : FID1B.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 3.229       | 3.198        | 3.301      | BB       | 137884         | 1427931      | 75.43%         | 4.362%        |
| 2                       | 4.490       | 4.451        | 4.561      | BB       | 139495         | 1440599      | 76.10%         | 4.400%        |
| 3                       | 6.204       | 6.171        | 6.318      | BB       | 143453         | 1558579      | 82.33%         | 4.761%        |
| 4                       | 6.670       | 6.631        | 6.748      | BB       | 141302         | 1457518      | 76.99%         | 4.452%        |
| 5                       | 7.306       | 7.188        | 7.414      | BB       | 134615         | 1522133      | 80.41%         | 4.649%        |
| 6                       | 8.507       | 8.474        | 8.598      | BB       | 132750         | 1461405      | 77.20%         | 4.464%        |
| 7                       | 10.121      | 10.084       | 10.208     | BB       | 130075         | 1500903      | 79.28%         | 4.585%        |
| 8                       | 11.570      | 11.531       | 11.641     | BB       | 128104         | 1528768      | 80.76%         | 4.670%        |
| 9                       | 11.884      | 11.831       | 11.954     | BB       | 166955         | 1893058      | 100.00%        | 5.782%        |
| 10                      | 12.884      | 12.844       | 12.951     | BB       | 124033         | 1532713      | 80.96%         | 4.682%        |
| 11                      | 13.330      | 13.288       | 13.398     | BB       | 115435         | 1412249      | 74.60%         | 4.314%        |
| 12                      | 13.498      | 13.454       | 13.564     | BB       | 123197         | 1523248      | 80.46%         | 4.653%        |
| 13                      | 14.086      | 14.054       | 14.151     | VB       | 121695         | 1528369      | 80.74%         | 4.668%        |
| 14                      | 15.193      | 15.128       | 15.258     | BB       | 119946         | 1552378      | 82.00%         | 4.742%        |
| 15                      | 16.217      | 16.154       | 16.271     | BB       | 111897         | 1541972      | 81.45%         | 4.710%        |
| 16                      | 17.169      | 17.101       | 17.234     | BB       | 110581         | 1526585      | 80.64%         | 4.663%        |
| 17                      | 18.058      | 18.018       | 18.118     | BB       | 108996         | 1529997      | 80.82%         | 4.673%        |
| 18                      | 18.893      | 18.851       | 18.951     | BB       | 104570         | 1499644      | 79.22%         | 4.581%        |
| 19                      | 19.678      | 19.631       | 19.741     | BB       | 94427          | 1400795      | 74.00%         | 4.279%        |
| 20                      | 20.420      | 20.371       | 20.471     | BV       | 86600          | 1333734      | 70.45%         | 4.074%        |
| 21                      | 21.157      | 21.101       | 21.231     | BB       | 67282          | 1286878      | 67.98%         | 3.931%        |
| 22                      | 22.070      | 21.888       | 22.171     | BB       | 49964          | 1278773      | 67.55%         | 3.906%        |
| Sum of corrected areas: |             |              |            |          |                |              | 32738229       |               |

Aliphatic EPH 041725.M Thu Apr 17 04:27:17 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
 Data File : FE053391.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Apr 2025 18:06  
 Operator : YP\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e  
 Quant Time: Apr 16 18:28:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 16 18:28:37 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units  |
|--------------------------------|--------|------------|-------------|
| -----                          |        |            |             |
| System Monitoring Compounds    |        |            |             |
| 9) S ortho-Terphenyl (SURR)    | 11.883 | 940709     | 5.216 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.43%      |
| 12) S 1-chlorooctadecane (S... | 13.329 | 701389     | 5.189 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.38%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.230  | 707563     | 5.161 ug/ml |
| 2) T n-Decane (C10)            | 4.490  | 710133     | 5.133 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.204  | 751368     | 4.978 ug/ml |
| 4) T n-Dodecane (C12)          | 6.670  | 717848     | 5.118 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.306  | 735745     | 4.928 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.506  | 720666     | 5.137 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.120 | 738140     | 5.150 ug/ml |
| 8) T n-Octadecane (C18)        | 11.568 | 757847     | 5.200 ug/ml |
| 10) T n-Eicosane (C20)         | 12.883 | 761828     | 5.235 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.497 | 759067     | 5.241 ug/ml |
| 13) T n-Docosane (C22)         | 14.085 | 754554     | 5.229 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.191 | 746100     | 5.194 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.216 | 736181     | 5.198 ug/ml |
| 16) T n-Octacosane (C28)       | 17.168 | 725773     | 5.217 ug/ml |
| 17) T n-Tricontane (C30)       | 18.057 | 733475     | 5.269 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.892 | 729142     | 5.310 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.677 | 685913     | 5.264 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.418 | 664340     | 5.262 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.155 | 635999     | 5.220 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.069 | 612014     | 5.125 ug/ml |
| -----                          |        |            |             |

(f)=RT Delta > 1/2 Window

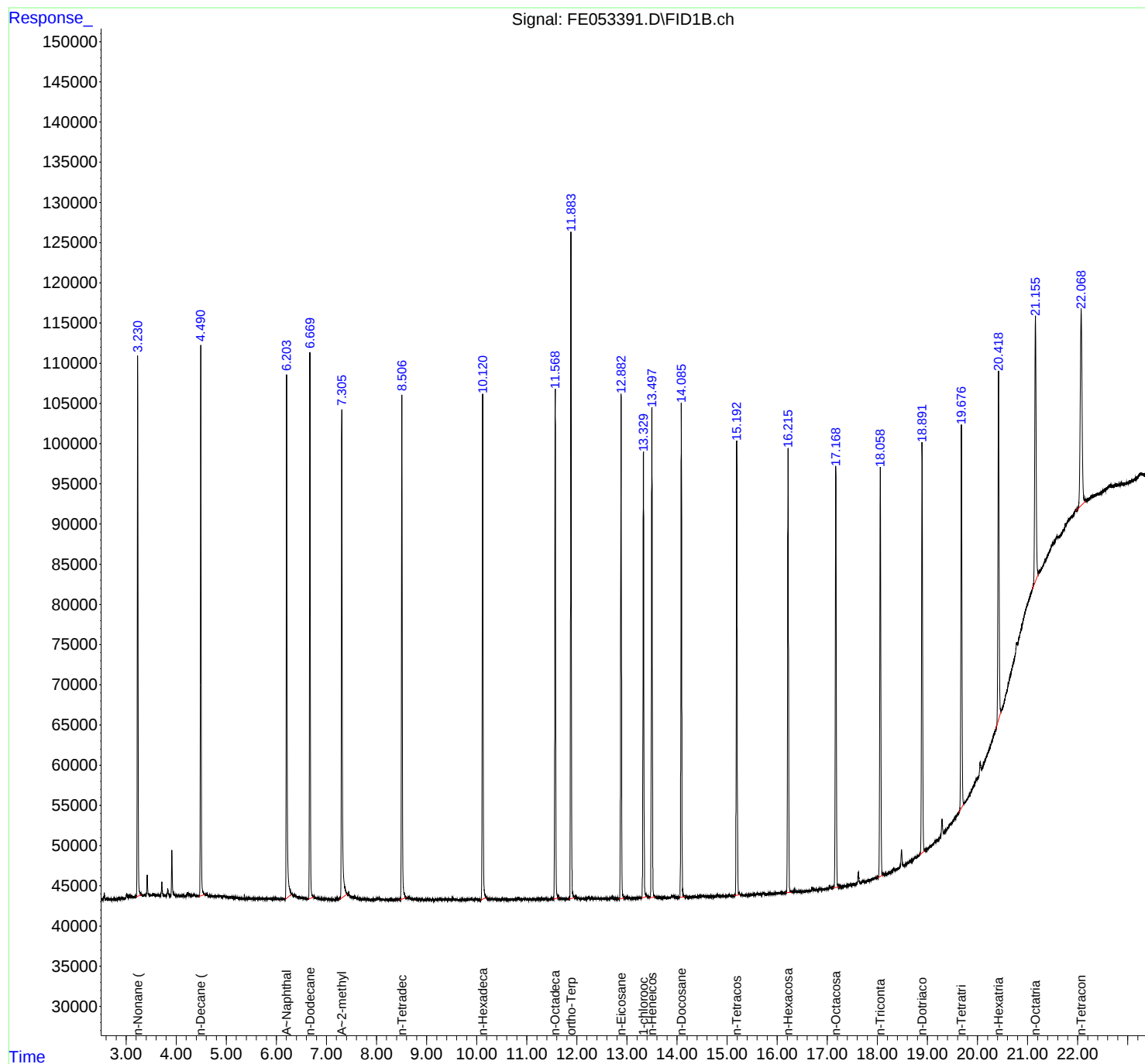
(m)=manual int.

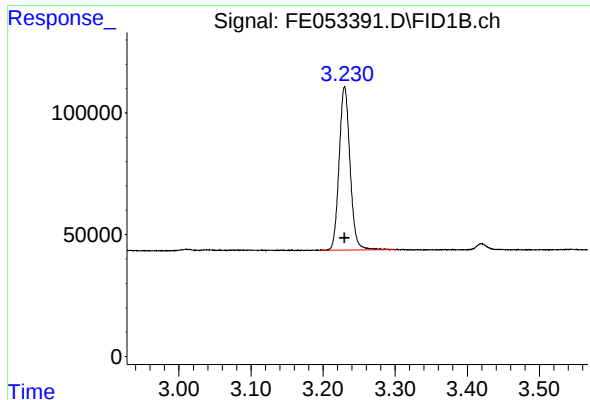
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
Data File : FE053391.D  
Signal(s) : FID1B.ch  
Acq On : 16 Apr 2025 18:06  
Operator : YP\AJ  
Sample : 5 PPM ALIPHATIC HC STD5  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e  
Quant Time: Apr 16 18:28:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 16 18:28:37 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

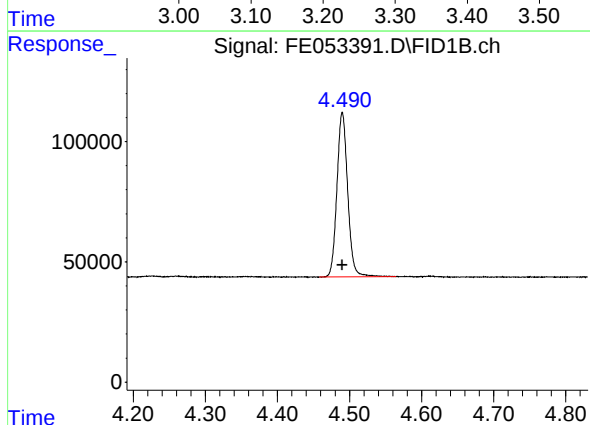




#1 n-Nonane (C9)

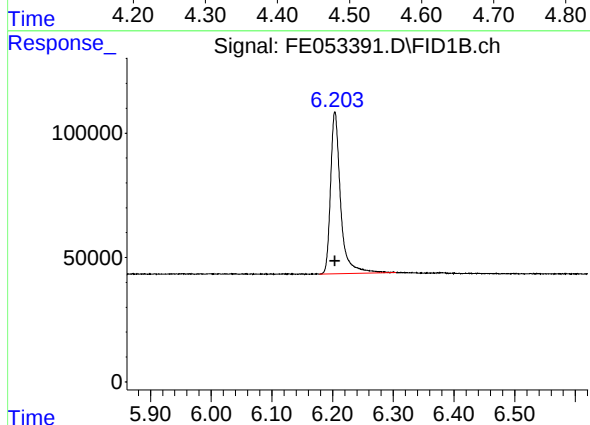
R.T.: 3.230 min  
Delta R.T.: 0.000 min  
Response: 707563  
Conc: 5.16 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



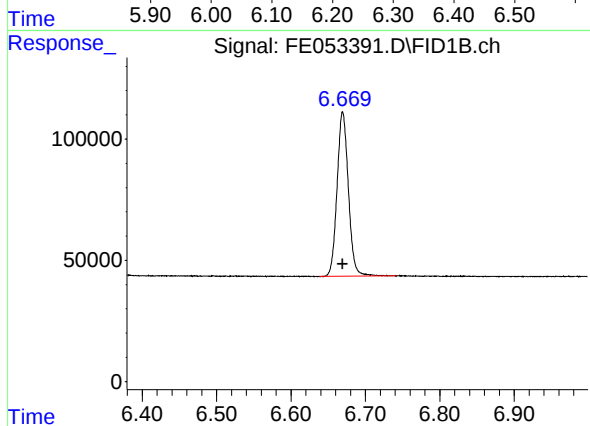
#2 n-Decane (C10)

R.T.: 4.490 min  
Delta R.T.: 0.000 min  
Response: 710133  
Conc: 5.13 ug/ml



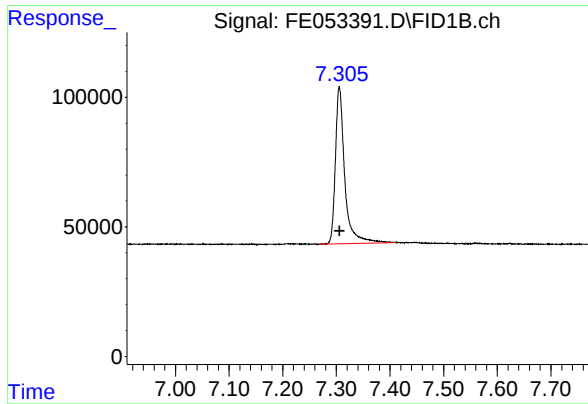
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 751368  
Conc: 4.98 ug/ml



#4 n-Dodecane (C12)

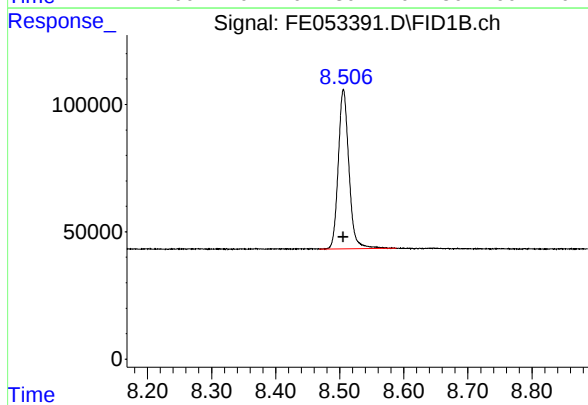
R.T.: 6.670 min  
Delta R.T.: 0.000 min  
Response: 717848  
Conc: 5.12 ug/ml



#5 A~2-methylnaphthalene (C12.89)

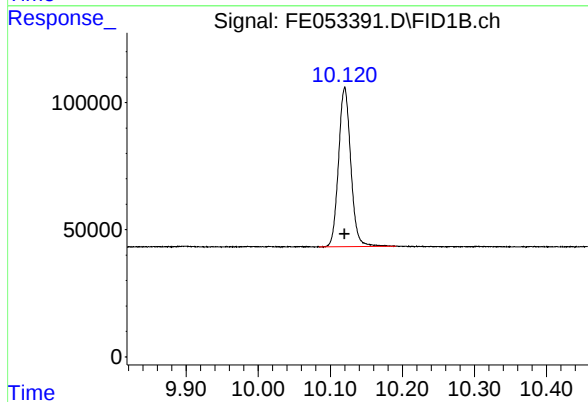
R.T.: 7.306 min  
Delta R.T.: 0.000 min  
Response: 735745  
Conc: 4.93 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



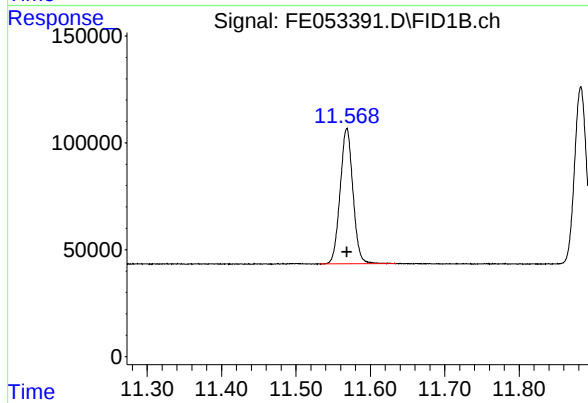
#6 n-Tetradecane (C14)

R.T.: 8.506 min  
Delta R.T.: 0.000 min  
Response: 720666  
Conc: 5.14 ug/ml



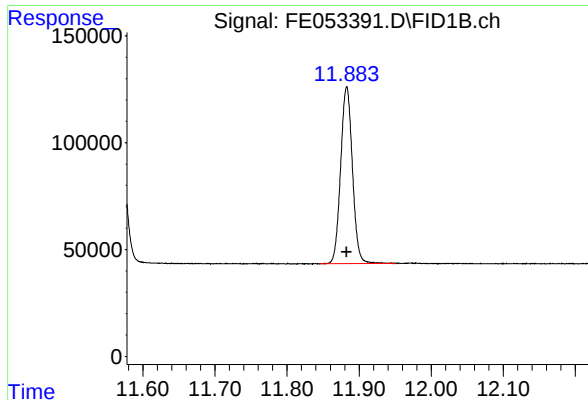
#7 n-Hexadecane (C16)

R.T.: 10.120 min  
Delta R.T.: 0.000 min  
Response: 738140  
Conc: 5.15 ug/ml



#8 n-Octadecane (C18)

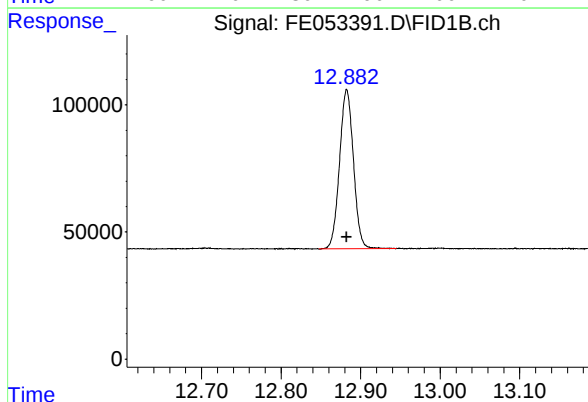
R.T.: 11.568 min  
Delta R.T.: 0.000 min  
Response: 757847  
Conc: 5.20 ug/ml



#9 ortho-Terphenyl (SURR)

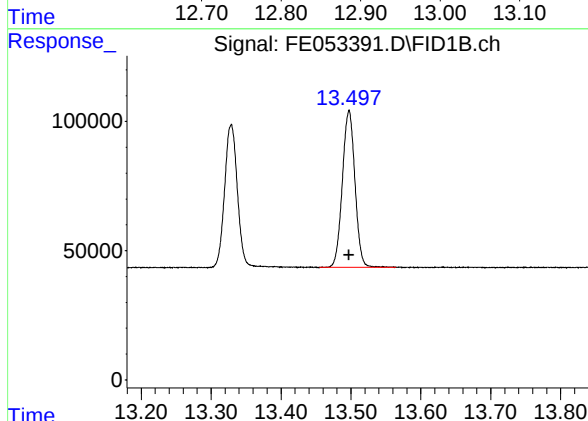
R.T.: 11.883 min  
Delta R.T.: 0.000 min  
Response: 940709  
Conc: 5.22 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



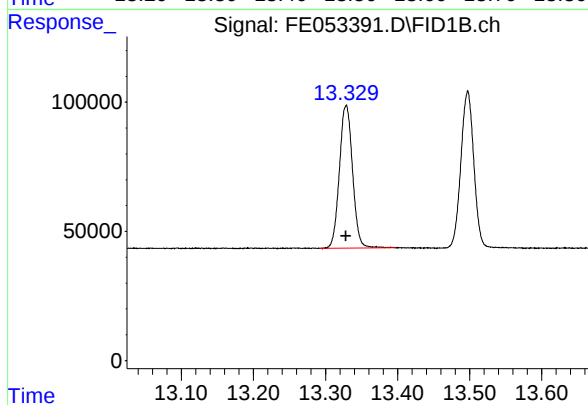
#10 n-Eicosane (C20)

R.T.: 12.883 min  
Delta R.T.: 0.000 min  
Response: 761828  
Conc: 5.24 ug/ml



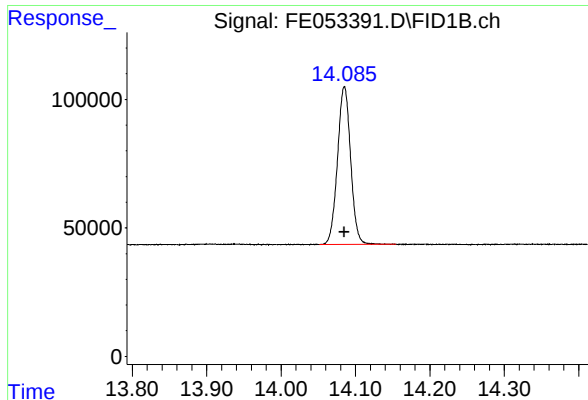
#11 n-Heneicosane (C21)

R.T.: 13.497 min  
Delta R.T.: 0.000 min  
Response: 759067  
Conc: 5.24 ug/ml



#12 1-chlorooctadecane (SURR)

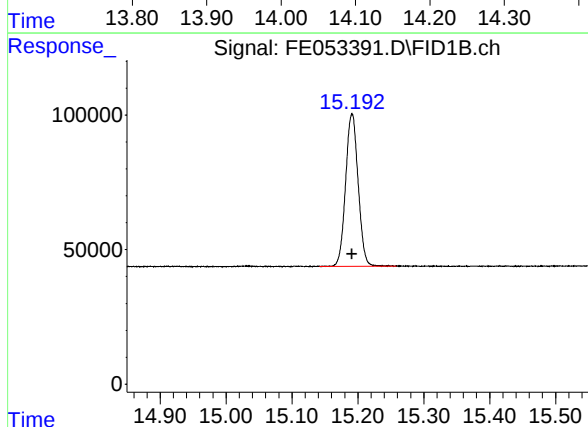
R.T.: 13.329 min  
Delta R.T.: 0.000 min  
Response: 701389  
Conc: 5.19 ug/ml



#13 n-Docosane (C22)

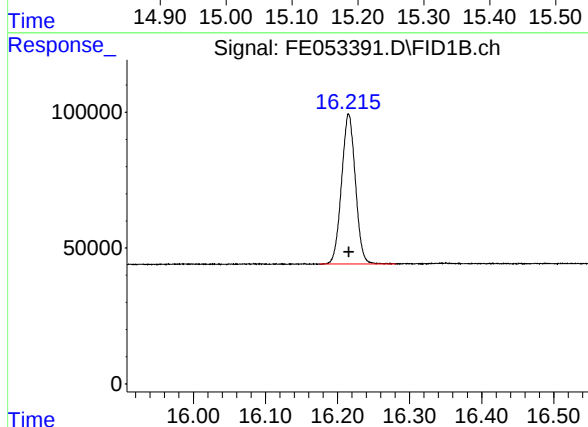
R.T.: 14.085 min  
Delta R.T.: 0.000 min  
Response: 754554  
Conc: 5.23 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



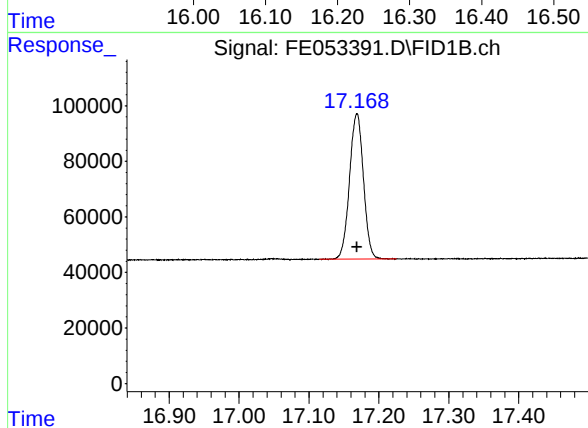
#14 n-Tetracosane (C24)

R.T.: 15.191 min  
Delta R.T.: 0.000 min  
Response: 746100  
Conc: 5.19 ug/ml



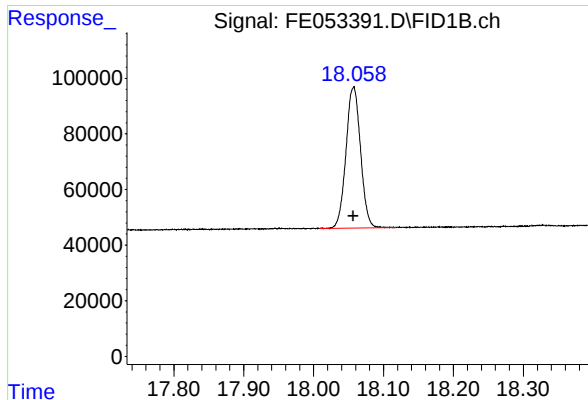
#15 n-Hexacosane (C26)

R.T.: 16.216 min  
Delta R.T.: 0.000 min  
Response: 736181  
Conc: 5.20 ug/ml



#16 n-Octacosane (C28)

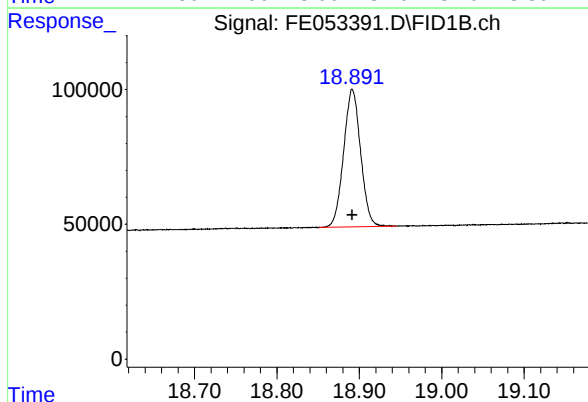
R.T.: 17.168 min  
Delta R.T.: 0.000 min  
Response: 725773  
Conc: 5.22 ug/ml



#17 n-Tricontane (C30)

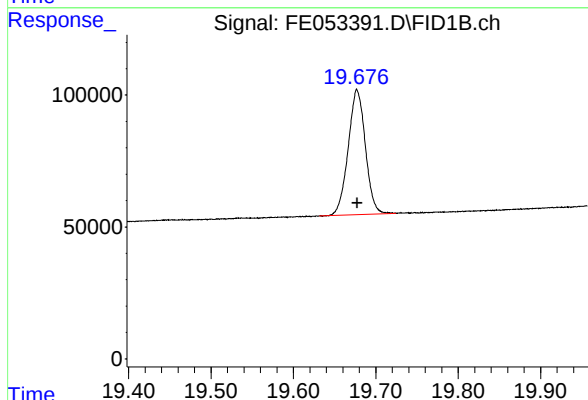
R.T.: 18.057 min  
Delta R.T.: 0.000 min  
Response: 733475  
Conc: 5.27 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



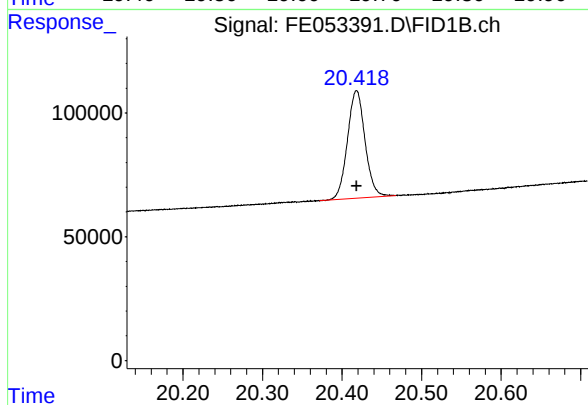
#18 n-Dotriacontane (C32)

R.T.: 18.892 min  
Delta R.T.: 0.000 min  
Response: 729142  
Conc: 5.31 ug/ml



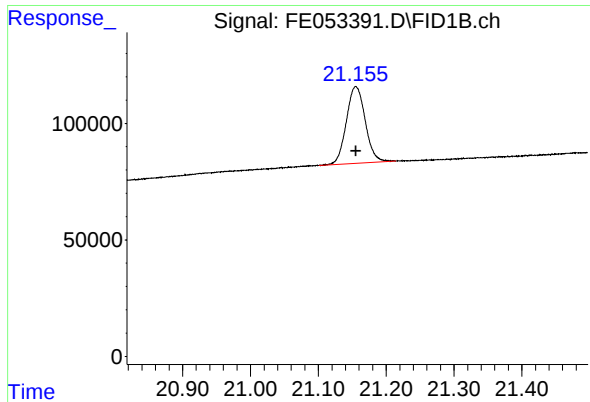
#19 n-Tetratriacontane (C34)

R.T.: 19.677 min  
Delta R.T.: 0.000 min  
Response: 685913  
Conc: 5.26 ug/ml



#20 n-Hexatriacontane (C36)

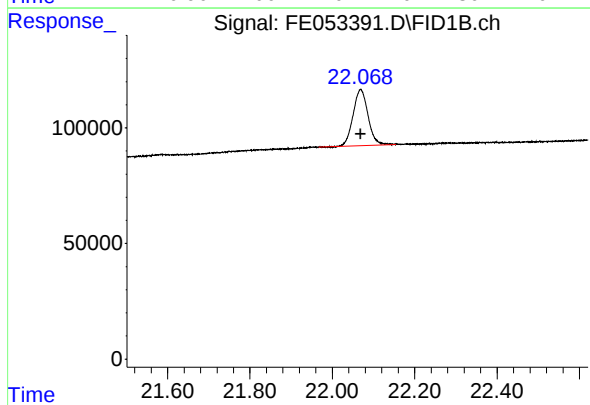
R.T.: 20.418 min  
Delta R.T.: 0.000 min  
Response: 664340  
Conc: 5.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.155 min  
Delta R.T.: 0.000 min  
Response: 635999  
Conc: 5.22 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.069 min  
Delta R.T.: 0.000 min  
Response: 612014  
Conc: 5.12 ug/ml

rteres

# Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
 Data File : FE053391.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Apr 2025 18:06  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Title : GC Extractables

Signal : FID1B.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 3.230       | 3.194        | 3.301      | BB       | 66905          | 707563       | 75.22%         | 4.415%        |
| 2                       | 4.490       | 4.458        | 4.564      | BB       | 68084          | 710133       | 75.49%         | 4.431%        |
| 3                       | 6.204       | 6.178        | 6.304      | BB       | 64926          | 751368       | 79.87%         | 4.688%        |
| 4                       | 6.670       | 6.638        | 6.741      | BB       | 66816          | 717848       | 76.31%         | 4.479%        |
| 5                       | 7.306       | 7.268        | 7.411      | BB       | 60660          | 735745       | 78.21%         | 4.591%        |
| 6                       | 8.506       | 8.468        | 8.588      | BB       | 62390          | 720666       | 76.61%         | 4.497%        |
| 7                       | 10.120      | 10.084       | 10.191     | BB       | 62482          | 738140       | 78.47%         | 4.606%        |
| 8                       | 11.568      | 11.531       | 11.634     | BB       | 63215          | 757847       | 80.56%         | 4.729%        |
| 9                       | 11.883      | 11.844       | 11.951     | BB       | 82336          | 940709       | 100.00%        | 5.870%        |
| 10                      | 12.883      | 12.848       | 12.944     | BB       | 62339          | 761828       | 80.98%         | 4.754%        |
| 11                      | 13.329      | 13.291       | 13.398     | BB       | 55184          | 701389       | 74.56%         | 4.377%        |
| 12                      | 13.497      | 13.454       | 13.564     | BB       | 60842          | 759067       | 80.69%         | 4.737%        |
| 13                      | 14.085      | 14.051       | 14.154     | BB       | 61412          | 754554       | 80.21%         | 4.708%        |
| 14                      | 15.191      | 15.141       | 15.258     | BB       | 56621          | 746100       | 79.31%         | 4.656%        |
| 15                      | 16.216      | 16.174       | 16.281     | BB       | 55228          | 736181       | 78.26%         | 4.594%        |
| 16                      | 17.168      | 17.114       | 17.224     | BB       | 52307          | 725773       | 77.15%         | 4.529%        |
| 17                      | 18.057      | 18.008       | 18.118     | BB       | 50834          | 733475       | 77.97%         | 4.577%        |
| 18                      | 18.892      | 18.851       | 18.944     | BB       | 51161          | 729142       | 77.51%         | 4.550%        |
| 19                      | 19.677      | 19.631       | 19.724     | BB       | 47166          | 685913       | 72.91%         | 4.280%        |
| 20                      | 20.418      | 20.371       | 20.468     | BB       | 43445          | 664340       | 70.62%         | 4.145%        |
| 21                      | 21.155      | 21.101       | 21.214     | BB       | 32956          | 635999       | 67.61%         | 3.969%        |
| 22                      | 22.069      | 21.968       | 22.154     | BB       | 24342          | 612014       | 65.06%         | 3.819%        |
| Sum of corrected areas: |             |              |            |          |                |              | 16025793       |               |

Aliphatic EPH 041725.M Thu Apr 17 04:27:35 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
 Data File : FE053392.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Apr 2025 18:36  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e  
 Quant Time: Apr 16 19:24:24 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 16 18:29:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.884 | 3592156    | 19.916 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.83%       |
| 12) S 1-chlorooctadecane (S... | 13.329 | 2698440    | 19.962 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.92%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.229  | 2729694    | 19.910 ug/ml |
| 2) T n-Decane (C10)            | 4.490  | 2748010    | 19.865 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.202  | 3014099    | 19.968 ug/ml |
| 4) T n-Dodecane (C12)          | 6.669  | 2785938    | 19.864 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.304  | 2998640    | 20.084 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.506  | 2790709    | 19.892 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.120 | 2856402    | 19.930 ug/ml |
| 8) T n-Octadecane (C18)        | 11.570 | 2904509    | 19.930 ug/ml |
| 10) T n-Eicosane (C20)         | 12.884 | 2899926    | 19.929 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.497 | 2887388    | 19.934 ug/ml |
| 13) T n-Docosane (C22)         | 14.085 | 2871168    | 19.897 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.192 | 2844489    | 19.803 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.216 | 2796796    | 19.747 ug/ml |
| 16) T n-Octacosane (C28)       | 17.168 | 2737911    | 19.679 ug/ml |
| 17) T n-Tricontane (C30)       | 18.058 | 2734044    | 19.642 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.892 | 2693828    | 19.619 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.677 | 2567446    | 19.705 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.418 | 2523463    | 19.988 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.155 | 2409665    | 19.779 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.067 | 2357865    | 19.744 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

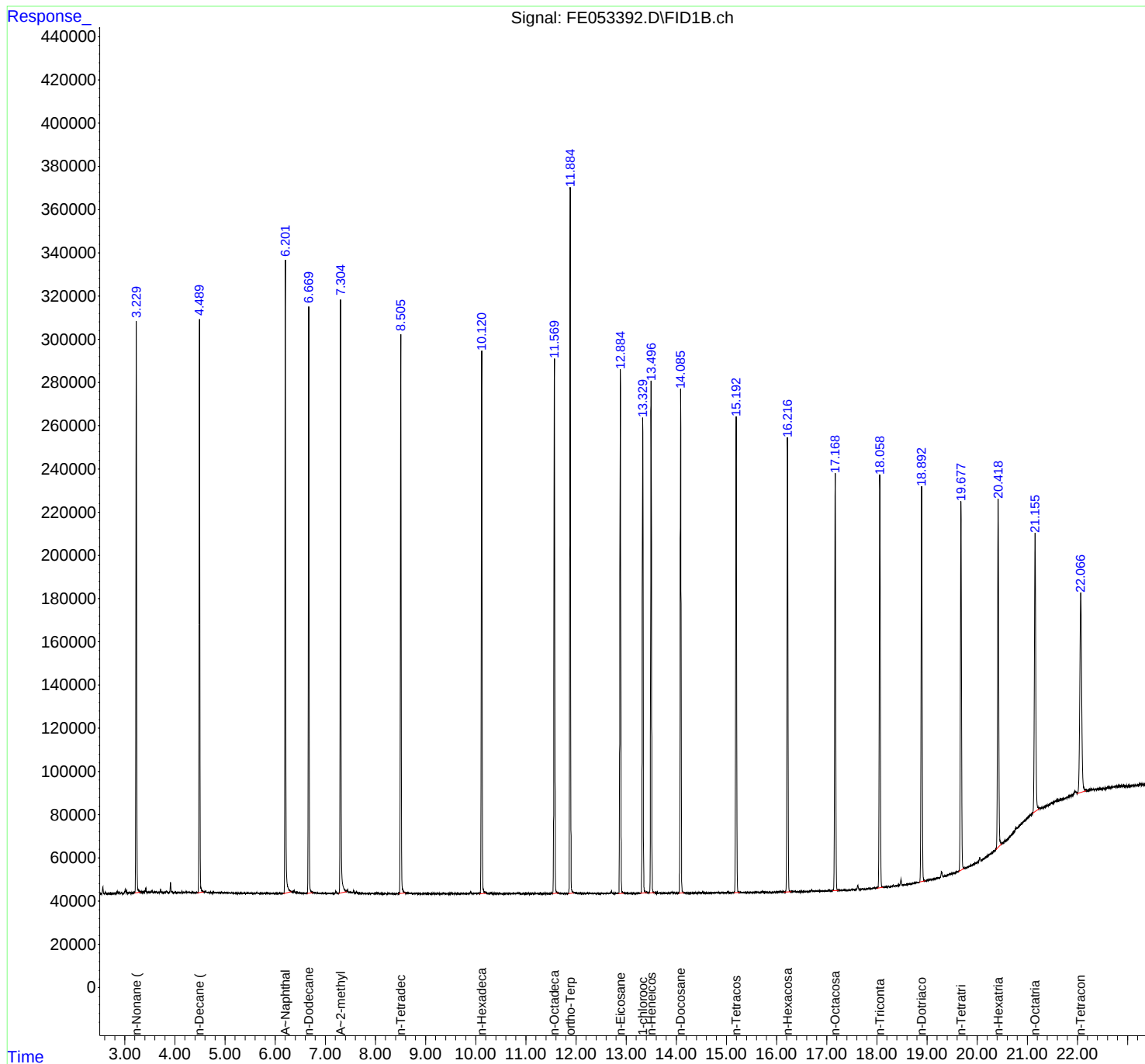
(m)=manual int.

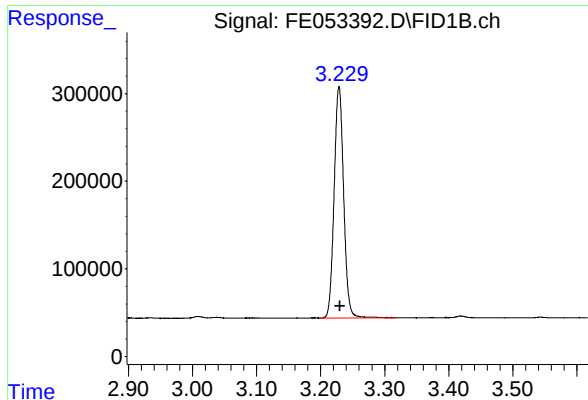
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
Data File : FE053392.D  
Signal(s) : FID1B.ch  
Acq On : 16 Apr 2025 18:36  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD ICV  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e  
Quant Time: Apr 16 19:24:24 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 16 18:29:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

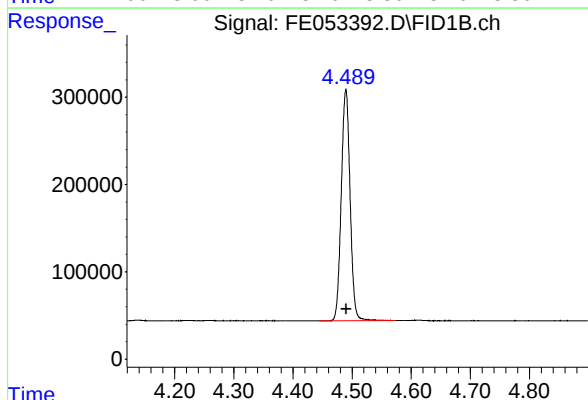
R.T.: 3.229 min  
Delta R.T.: -0.001 min  
Response: 2729694  
Conc: 19.91 ug/ml

Instrument :

FID\_E

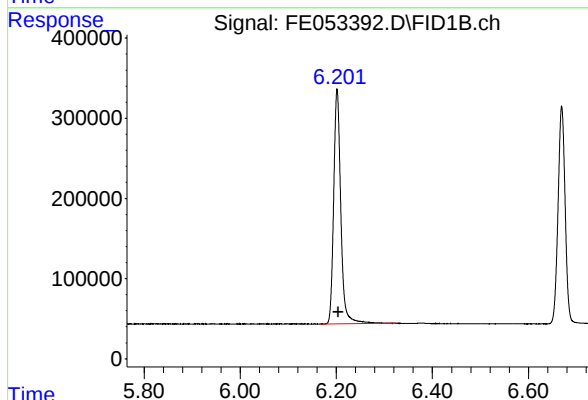
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



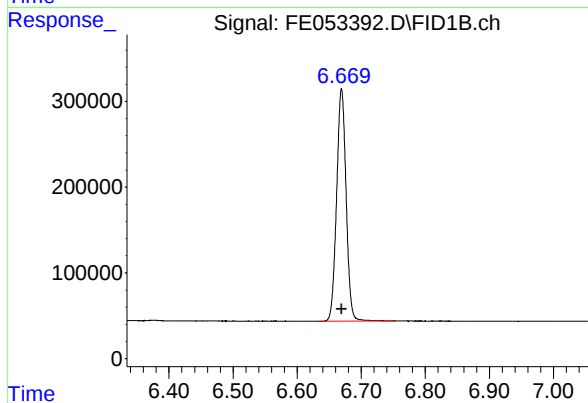
#2 n-Decane (C10)

R.T.: 4.490 min  
Delta R.T.: 0.000 min  
Response: 2748010  
Conc: 19.86 ug/ml



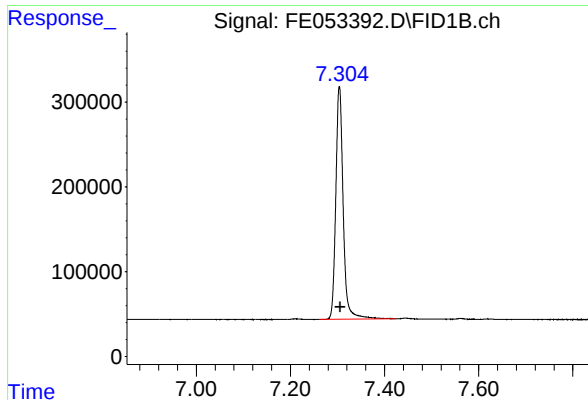
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min  
Delta R.T.: -0.002 min  
Response: 3014099  
Conc: 19.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.669 min  
Delta R.T.: 0.000 min  
Response: 2785938  
Conc: 19.86 ug/ml



#5 A~2-methylnaphthalene (C12.89)

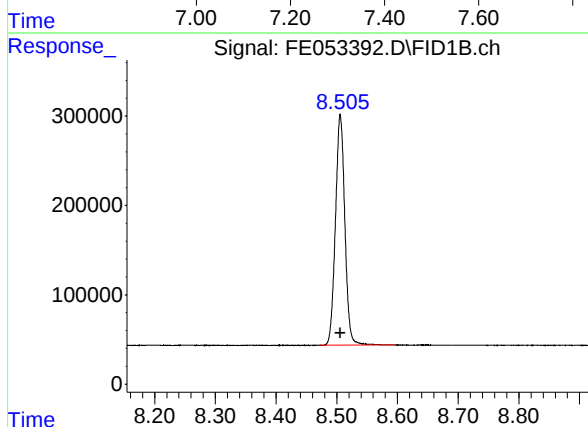
R.T.: 7.304 min  
Delta R.T.: -0.002 min  
Response: 2998640  
Conc: 20.08 ug/ml

Instrument :

FID\_E

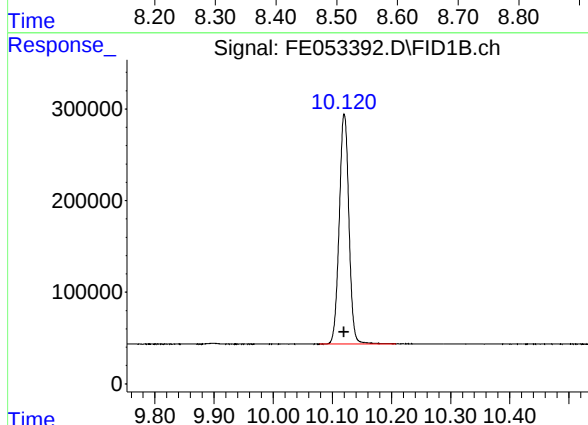
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



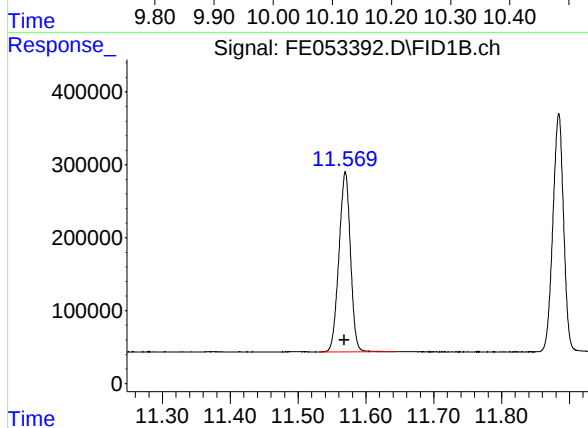
#6 n-Tetradecane (C14)

R.T.: 8.506 min  
Delta R.T.: 0.000 min  
Response: 2790709  
Conc: 19.89 ug/ml



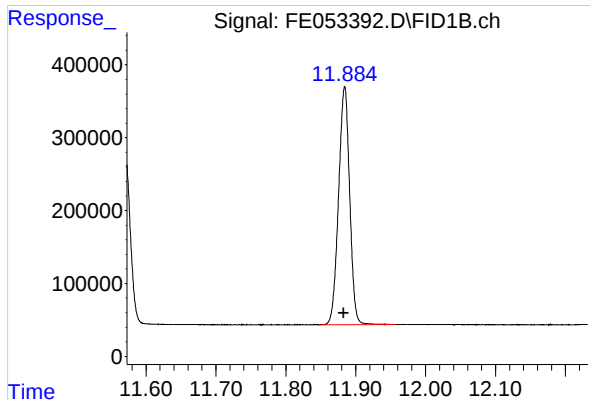
#7 n-Hexadecane (C16)

R.T.: 10.120 min  
Delta R.T.: 0.000 min  
Response: 2856402  
Conc: 19.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.570 min  
Delta R.T.: 0.001 min  
Response: 2904509  
Conc: 19.93 ug/ml



#9 ortho-Terphenyl (SURR)

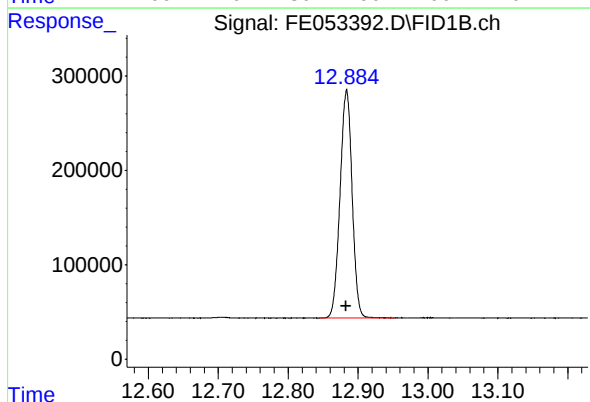
R.T.: 11.884 min  
Delta R.T.: 0.001 min  
Response: 3592156  
Conc: 19.92 ug/ml

Instrument :

FID\_E

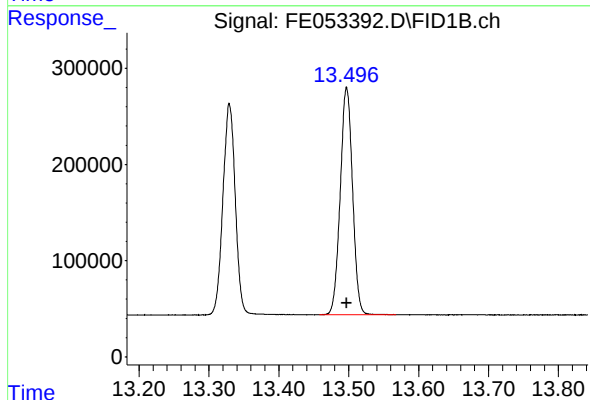
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



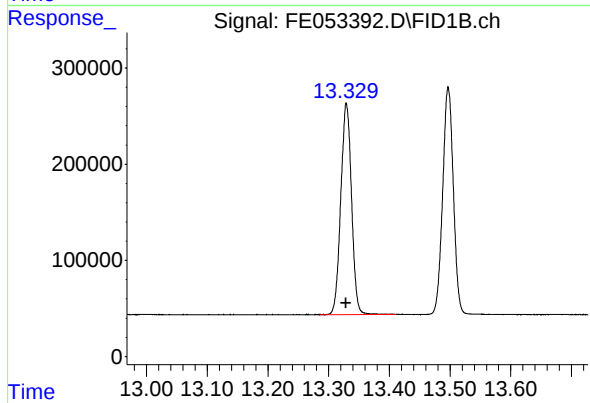
#10 n-Eicosane (C20)

R.T.: 12.884 min  
Delta R.T.: 0.001 min  
Response: 2899926  
Conc: 19.93 ug/ml



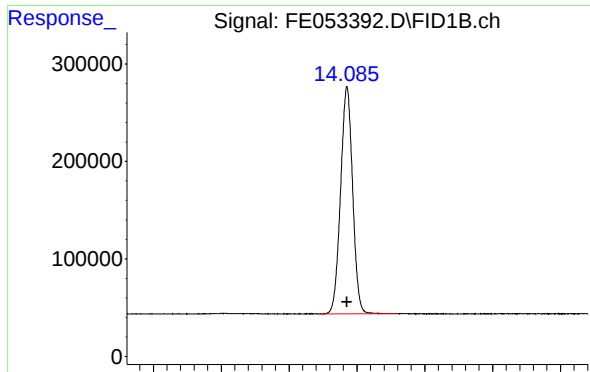
#11 n-Heneicosane (C21)

R.T.: 13.497 min  
Delta R.T.: 0.000 min  
Response: 2887388  
Conc: 19.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min  
Delta R.T.: 0.000 min  
Response: 2698440  
Conc: 19.96 ug/ml



#13 n-Docosane (C22)

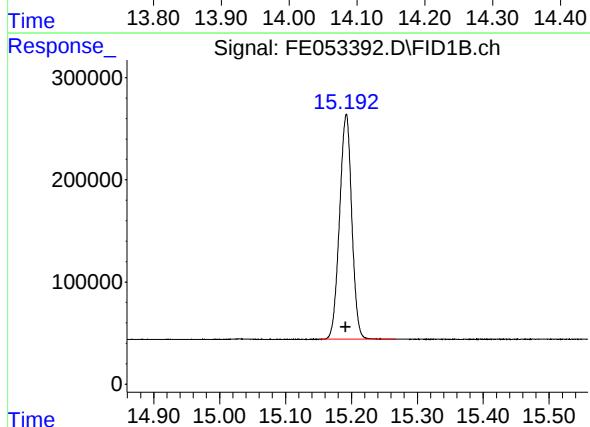
R.T.: 14.085 min  
Delta R.T.: 0.000 min  
Response: 2871168  
Conc: 19.90 ug/ml

Instrument :

FID\_E

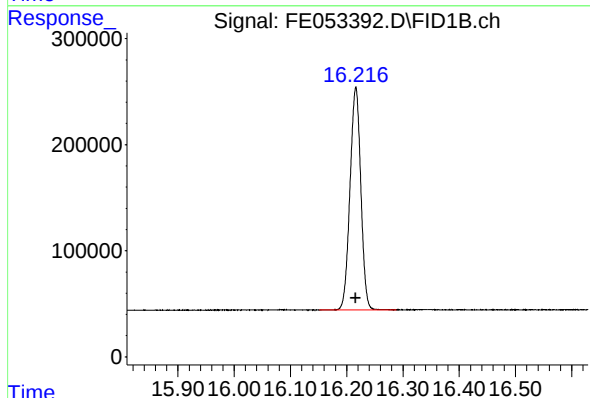
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



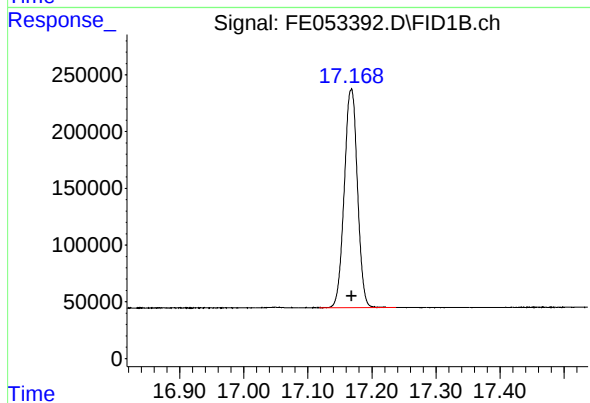
#14 n-Tetracosane (C24)

R.T.: 15.192 min  
Delta R.T.: 0.000 min  
Response: 2844489  
Conc: 19.80 ug/ml



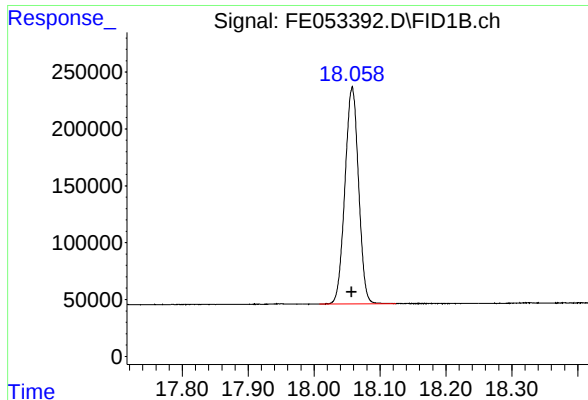
#15 n-Hexacosane (C26)

R.T.: 16.216 min  
Delta R.T.: 0.000 min  
Response: 2796796  
Conc: 19.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.168 min  
Delta R.T.: 0.000 min  
Response: 2737911  
Conc: 19.68 ug/ml



#17 n-Tricontane (C30)

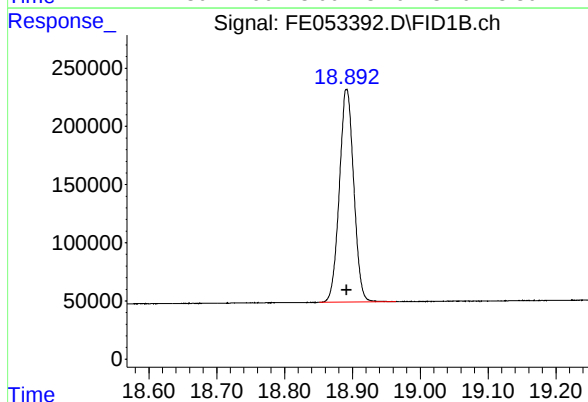
R.T.: 18.058 min  
Delta R.T.: 0.000 min  
Response: 2734044  
Conc: 19.64 ug/ml

Instrument :

FID\_E

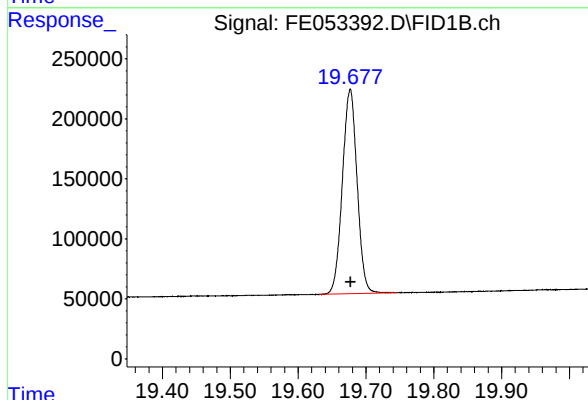
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



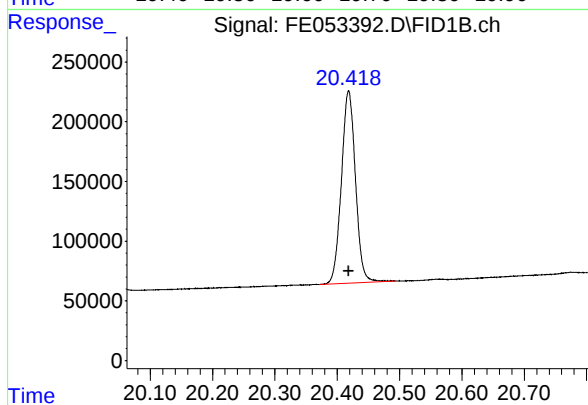
#18 n-Dotriacontane (C32)

R.T.: 18.892 min  
Delta R.T.: 0.000 min  
Response: 2693828  
Conc: 19.62 ug/ml



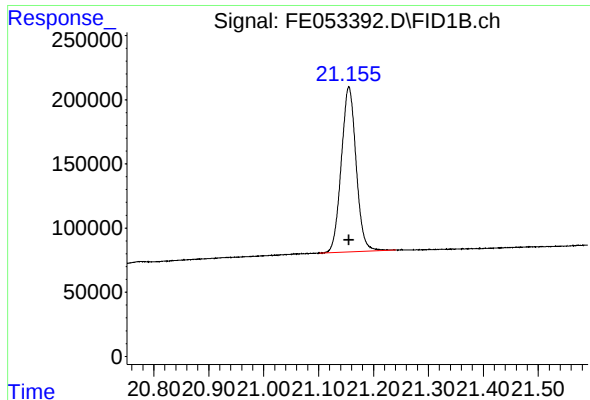
#19 n-Tetatriacontane (C34)

R.T.: 19.677 min  
Delta R.T.: 0.000 min  
Response: 2567446  
Conc: 19.71 ug/ml



#20 n-Hexatriacontane (C36)

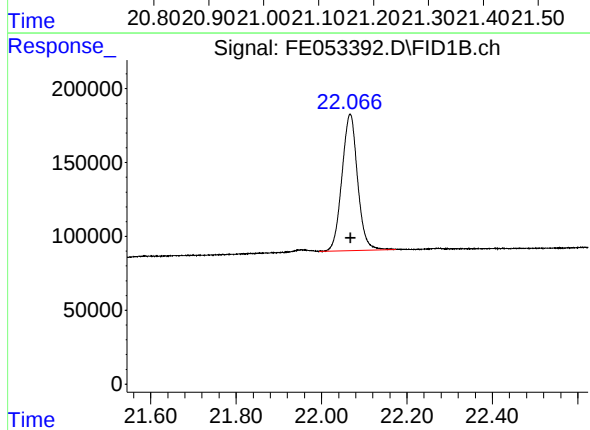
R.T.: 20.418 min  
Delta R.T.: 0.000 min  
Response: 2523463  
Conc: 19.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.155 min  
Delta R.T.: 0.000 min  
Response: 2409665  
Conc: 19.78 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.067 min  
Delta R.T.: -0.002 min  
Response: 2357865  
Conc: 19.74 ug/ml

rteres

# Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
 Data File : FE053392.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Apr 2025 18:36  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Title : GC Extractables

Signal : FID1B.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 3.229       | 3.198        | 3.318      | BB       | 263521         | 2729694      | 75.99%         | 4.443%        |
| 2                       | 4.490       | 4.444        | 4.574      | BB       | 265180         | 2748010      | 76.50%         | 4.472%        |
| 3                       | 6.202       | 6.164        | 6.324      | BB       | 291196         | 3014099      | 83.91%         | 4.906%        |
| 4                       | 6.669       | 6.634        | 6.754      | BB       | 269490         | 2785938      | 77.56%         | 4.534%        |
| 5                       | 7.304       | 7.261        | 7.424      | BV       | 275117         | 2998640      | 83.48%         | 4.880%        |
| 6                       | 8.506       | 8.471        | 8.598      | BB       | 254552         | 2790709      | 77.69%         | 4.542%        |
| 7                       | 10.120      | 10.078       | 10.208     | BB       | 250998         | 2856402      | 79.52%         | 4.649%        |
| 8                       | 11.570      | 11.531       | 11.644     | BB       | 247517         | 2904509      | 80.86%         | 4.727%        |
| 9                       | 11.884      | 11.848       | 11.958     | BB       | 327117         | 3592156      | 100.00%        | 5.846%        |
| 10                      | 12.884      | 12.844       | 12.954     | BB       | 241267         | 2899926      | 80.73%         | 4.720%        |
| 11                      | 13.329      | 13.284       | 13.411     | BB       | 217408         | 2698440      | 75.12%         | 4.392%        |
| 12                      | 13.497      | 13.458       | 13.568     | BB       | 235681         | 2887388      | 80.38%         | 4.699%        |
| 13                      | 14.085      | 14.044       | 14.158     | BB       | 231989         | 2871168      | 79.93%         | 4.673%        |
| 14                      | 15.192      | 15.151       | 15.268     | BB       | 218527         | 2844489      | 79.19%         | 4.630%        |
| 15                      | 16.216      | 16.151       | 16.288     | BB       | 210624         | 2796796      | 77.86%         | 4.552%        |
| 16                      | 17.168      | 17.118       | 17.238     | BB       | 192634         | 2737911      | 76.22%         | 4.456%        |
| 17                      | 18.058      | 18.008       | 18.124     | BB       | 190258         | 2734044      | 76.11%         | 4.450%        |
| 18                      | 18.892      | 18.851       | 18.964     | BB       | 183755         | 2693828      | 74.99%         | 4.384%        |
| 19                      | 19.677      | 19.631       | 19.744     | BB       | 170916         | 2567446      | 71.47%         | 4.179%        |
| 20                      | 20.418      | 20.371       | 20.494     | BB       | 160885         | 2523463      | 70.25%         | 4.107%        |
| 21                      | 21.155      | 21.101       | 21.241     | BB       | 128552         | 2409665      | 67.08%         | 3.922%        |
| 22                      | 22.067      | 21.994       | 22.174     | VB       | 92395          | 2357865      | 65.64%         | 3.838%        |
| Sum of corrected areas: |             |              |            |          |                |              | 61442583       |               |

Aliphatic EPH 041725.M Thu Apr 17 04:27:52 2025

Continuing Calibration Report for SequenceID : FC050125AL

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|-----------|-----------|-------|--------|--------|-----------------|-------|------|
|-----------|-----------|-------|--------|--------|-----------------|-------|------|

File ID : FC068729.D

|                   |              |         |        |        |           |            |        |
|-------------------|--------------|---------|--------|--------|-----------|------------|--------|
| Aliphatic C9-C12  | 5823575.000  | 60.000  | 3.343  | 6.644  | 97059.583 | 105282.003 | 7.810  |
| Aliphatic C12-C16 | 3683316.000  | 40.000  | 6.645  | 10.046 | 92082.900 | 102322.575 | 10.007 |
| Aliphatic C16-C21 | 5315964.000  | 60.000  | 10.047 | 13.414 | 88599.400 | 98816.539  | 10.340 |
| Aliphatic C21-C28 | 6927625.000  | 80.000  | 13.415 | 17.079 | 86595.313 | 94185.337  | 8.059  |
| Aliphatic C28-C40 | 11139642.000 | 120.000 | 17.080 | 22.084 | 92830.350 | 89882.835  | -3.279 |
| Aliphatic EPH     | 32890122.000 | 360.000 | 3.343  | 22.084 | 91361.450 | 96276.618  | 5.105  |

|                   |                       |                    |                   |
|-------------------|-----------------------|--------------------|-------------------|
| Lab Sample ID:    | 20 PPM ALIPHATIC HC 9 | Acq On:            | 01 May 2025 11:42 |
| Client Sample ID: |                       | Operator:          | YP/AJ             |
| Data file:        | FC068729.D            | Misc:              |                   |
| Instrument:       | FID_C                 | ALS Vial:          | 2                 |
| Dilution Factor:  | 1                     | Sample Multiplier: | 1.00              |

| Compound          | R.T.   |        | Response     | Conc    | Units |
|-------------------|--------|--------|--------------|---------|-------|
| Aliphatic C9-C12  | 3.343  | 6.644  | 5823575.000  | 60.000  | ug/ml |
| Aliphatic C12-C16 | 6.645  | 10.046 | 3683316.000  | 40.000  | ug/ml |
| Aliphatic C16-C21 | 10.047 | 13.414 | 5315964.000  | 60.000  | ug/ml |
| Aliphatic C21-C28 | 13.415 | 17.079 | 6927625.000  | 80.000  | ug/ml |
| Aliphatic C28-C40 | 17.080 | 22.084 | 11139642.000 | 120.000 | ug/ml |
| Aliphatic EPH     | 3.343  | 22.084 | 32890122.000 | 360.000 | ug/ml |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
 Data File : FC068729.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 May 2025 11:42  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: May 02 03:32:26 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 17:31:27 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.714 | 2318251    | 18.205 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.41%       |
| 12) S 1-chlorooctadecane (S... | 13.147 | 1652496    | 17.789 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.58%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.443  | 1947683    | 18.492 ug/ml |
| 2) T n-Decane (C10)            | 4.519  | 1951049    | 18.518 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.117  | 2150551    | 18.466 ug/ml |
| 4) T n-Dodecane (C12)          | 6.544  | 1924843    | 18.303 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.175  | 2113317    | 18.297 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.342  | 1856124    | 18.055 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.946  | 1827192    | 17.942 ug/ml |
| 8) T n-Octadecane (C18)        | 11.389 | 1806078    | 17.947 ug/ml |
| 10) T n-Eicosane (C20)         | 12.701 | 1763466    | 17.929 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.314 | 1746420    | 17.920 ug/ml |
| 13) T n-Docosane (C22)         | 13.901 | 1739073    | 18.004 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.005 | 1726850    | 18.142 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.028 | 1715540    | 18.367 ug/ml |
| 16) T n-Octacosane (C28)       | 16.979 | 1746162    | 19.072 ug/ml |
| 17) T n-Tricontane (C30)       | 17.868 | 1847598    | 20.097 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.703 | 1911108    | 20.834 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.488 | 1856392    | 20.779 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.229 | 1867721    | 20.850 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.004 | 1842122    | 20.836 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.984 | 1814701    | 20.550 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

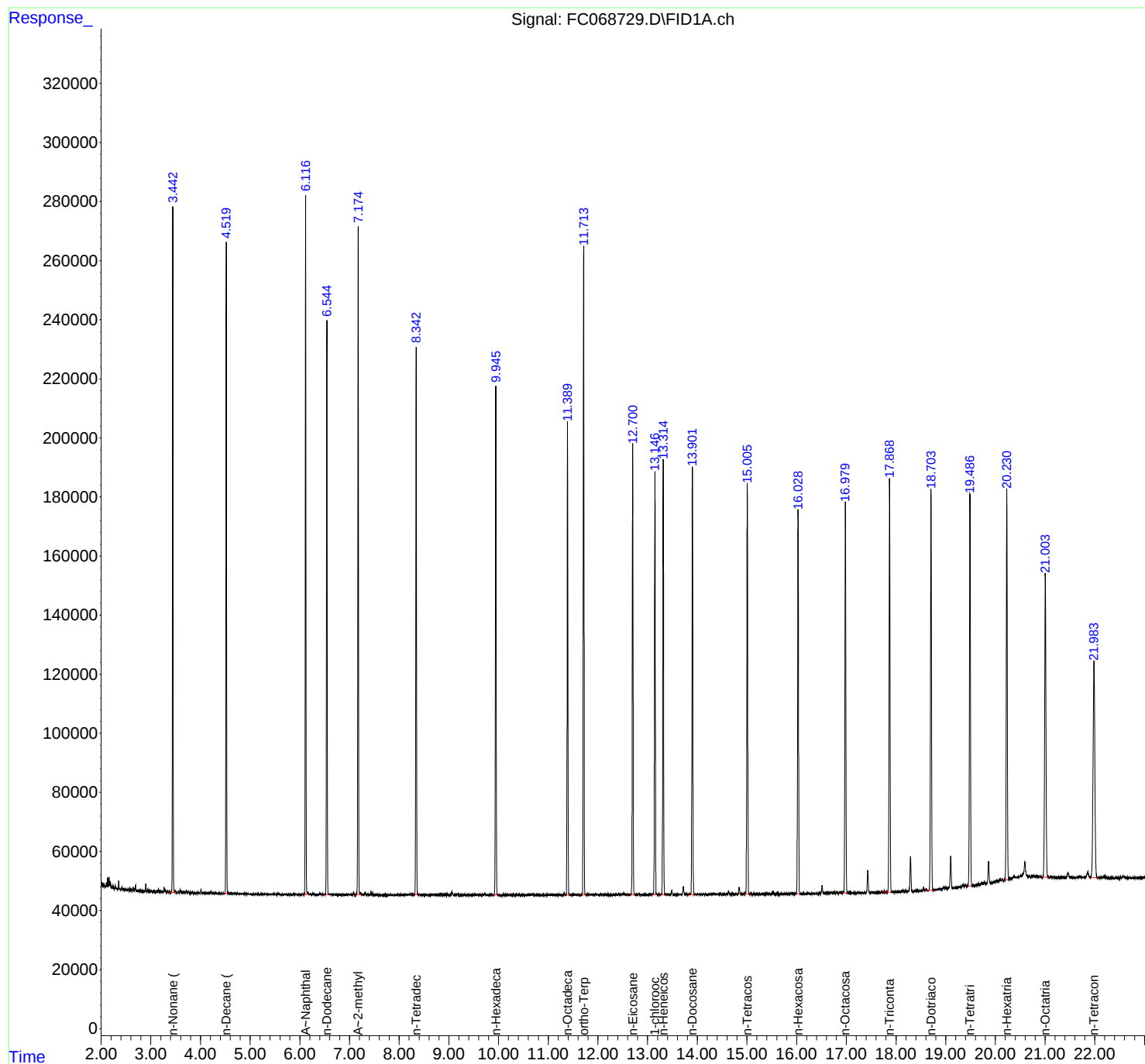
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
Data File : FC068729.D  
Signal(s) : FID1A.ch  
Acq On : 01 May 2025 11:42  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: May 02 03:32:26 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 08 17:31:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um



rteres

# Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
 Data File : FC068729.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 May 2025 11:42  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Title : GC Extractables

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 3.443       | 3.380        | 3.507      | BB       | 231080         | 1947683      | 84.02%         | 4.736%        |
| 2                       | 4.519       | 4.460        | 4.564      | BB       | 220080         | 1951049      | 84.16%         | 4.744%        |
| 3                       | 6.117       | 6.059        | 6.180      | BB       | 236511         | 2150551      | 92.77%         | 5.229%        |
| 4                       | 6.544       | 6.494        | 6.580      | BB       | 194254         | 1924843      | 83.03%         | 4.681%        |
| 5                       | 7.175       | 7.117        | 7.240      | BB       | 225509         | 2113317      | 91.16%         | 5.139%        |
| 6                       | 8.342       | 8.279        | 8.382      | BB       | 184767         | 1856124      | 80.07%         | 4.513%        |
| 7                       | 9.946       | 9.882        | 9.992      | BB       | 171915         | 1827192      | 78.82%         | 4.443%        |
| 8                       | 11.389      | 11.344       | 11.440     | BB       | 160193         | 1806078      | 77.91%         | 4.392%        |
| 9                       | 11.714      | 11.654       | 11.760     | BB       | 219491         | 2318251      | 100.00%        | 5.637%        |
| 10                      | 12.701      | 12.640       | 12.750     | BB       | 152128         | 1763466      | 76.07%         | 4.288%        |
| 11                      | 13.147      | 13.087       | 13.187     | BB       | 143309         | 1652496      | 71.28%         | 4.018%        |
| 12                      | 13.314      | 13.250       | 13.354     | BB       | 147072         | 1746420      | 75.33%         | 4.247%        |
| 13                      | 13.901      | 13.807       | 13.944     | BB       | 144715         | 1739073      | 75.02%         | 4.229%        |
| 14                      | 15.005      | 14.945       | 15.062     | BB       | 138918         | 1726850      | 74.49%         | 4.199%        |
| 15                      | 16.028      | 15.990       | 16.084     | BB       | 129436         | 1715540      | 74.00%         | 4.172%        |
| 16                      | 16.979      | 16.912       | 17.020     | BB       | 132273         | 1746162      | 75.32%         | 4.246%        |
| 17                      | 17.868      | 17.717       | 17.915     | BB       | 140339         | 1847598      | 79.70%         | 4.493%        |
| 18                      | 18.703      | 18.582       | 18.759     | BB       | 135555         | 1911108      | 82.44%         | 4.647%        |
| 19                      | 19.488      | 19.440       | 19.529     | BB       | 132547         | 1856392      | 80.08%         | 4.514%        |
| 20                      | 20.229      | 20.180       | 20.269     | BB       | 132111         | 1867721      | 80.57%         | 4.542%        |
| 21                      | 21.004      | 20.930       | 21.079     | BB       | 102942         | 1842122      | 79.46%         | 4.479%        |
| 22                      | 21.984      | 21.914       | 22.077     | BB       | 72873          | 1814701      | 78.28%         | 4.413%        |
| Sum of corrected areas: |             |              |            |          |                |              | 41124737       |               |

Aliphatic EPH 040925.M Fri May 02 04:26:13 2025

Continuing Calibration Report for SequenceID : FC050125AL

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|-----------|-----------|-------|--------|--------|-----------------|-------|------|
|-----------|-----------|-------|--------|--------|-----------------|-------|------|

File ID : FC068739.D

|                   |              |         |        |        |           |            |        |
|-------------------|--------------|---------|--------|--------|-----------|------------|--------|
| Aliphatic C9-C12  | 5980952.000  | 60.000  | 3.343  | 6.644  | 99682.533 | 105282.003 | 5.319  |
| Aliphatic C12-C16 | 3725983.000  | 40.000  | 6.645  | 10.046 | 93149.575 | 102322.575 | 8.965  |
| Aliphatic C16-C21 | 5307738.000  | 60.000  | 10.047 | 13.414 | 88462.300 | 98816.539  | 10.478 |
| Aliphatic C21-C28 | 6952505.000  | 80.000  | 13.415 | 17.079 | 86906.313 | 94185.337  | 7.728  |
| Aliphatic C28-C40 | 11408908.000 | 120.000 | 17.080 | 22.084 | 95074.233 | 89882.835  | -5.776 |
| Aliphatic EPH     | 33376086.000 | 360.000 | 3.343  | 22.084 | 92711.350 | 96276.618  | 3.703  |

|                   |                       |                    |                   |
|-------------------|-----------------------|--------------------|-------------------|
| Lab Sample ID:    | 20 PPM ALIPHATIC HC 9 | Acq On:            | 01 May 2025 19:36 |
| Client Sample ID: |                       | Operator:          | YP/AJ             |
| Data file:        | FC068739.D            | Misc:              |                   |
| Instrument:       | FID_C                 | ALS Vial:          | 2                 |
| Dilution Factor:  | 1                     | Sample Multiplier: | 1.00              |

| Compound          | R.T.   |        | Response     | Conc    | Units |
|-------------------|--------|--------|--------------|---------|-------|
| Aliphatic C9-C12  | 3.343  | 6.644  | 5980952.000  | 60.000  | ug/ml |
| Aliphatic C12-C16 | 6.645  | 10.046 | 3725983.000  | 40.000  | ug/ml |
| Aliphatic C16-C21 | 10.047 | 13.414 | 5307738.000  | 60.000  | ug/ml |
| Aliphatic C21-C28 | 13.415 | 17.079 | 6952505.000  | 80.000  | ug/ml |
| Aliphatic C28-C40 | 17.080 | 22.084 | 11408908.000 | 120.000 | ug/ml |
| Aliphatic EPH     | 3.343  | 22.084 | 33376086.000 | 360.000 | ug/ml |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
 Data File : FC068739.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 May 2025 19:36  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: May 02 03:34:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 17:31:27 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.714 | 2336644    | 18.350 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.70%       |
| 12) S 1-chlorooctadecane (S... | 13.147 | 1661837    | 17.890 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.78%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.443  | 2004924    | 19.036 ug/ml |
| 2) T n-Decane (C10)            | 4.519  | 2008063    | 19.059 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.117  | 2211675    | 18.991 ug/ml |
| 4) T n-Dodecane (C12)          | 6.544  | 1967965    | 18.713 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.175  | 2179964    | 18.875 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.342  | 1885318    | 18.339 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.946  | 1840665    | 18.074 ug/ml |
| 8) T n-Octadecane (C18)        | 11.390 | 1811102    | 17.997 ug/ml |
| 10) T n-Eicosane (C20)         | 12.701 | 1756256    | 17.855 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.314 | 1740380    | 17.858 ug/ml |
| 13) T n-Docosane (C22)         | 13.901 | 1734445    | 17.956 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.005 | 1726210    | 18.135 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.028 | 1726782    | 18.487 ug/ml |
| 16) T n-Octacosane (C28)       | 16.980 | 1765068    | 19.278 ug/ml |
| 17) T n-Tricontane (C30)       | 17.869 | 1883155    | 20.484 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.702 | 1953120    | 21.292 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.487 | 1904087    | 21.313 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.229 | 1911386    | 21.337 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.005 | 1884044    | 21.310 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.985 | 1873116    | 21.212 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

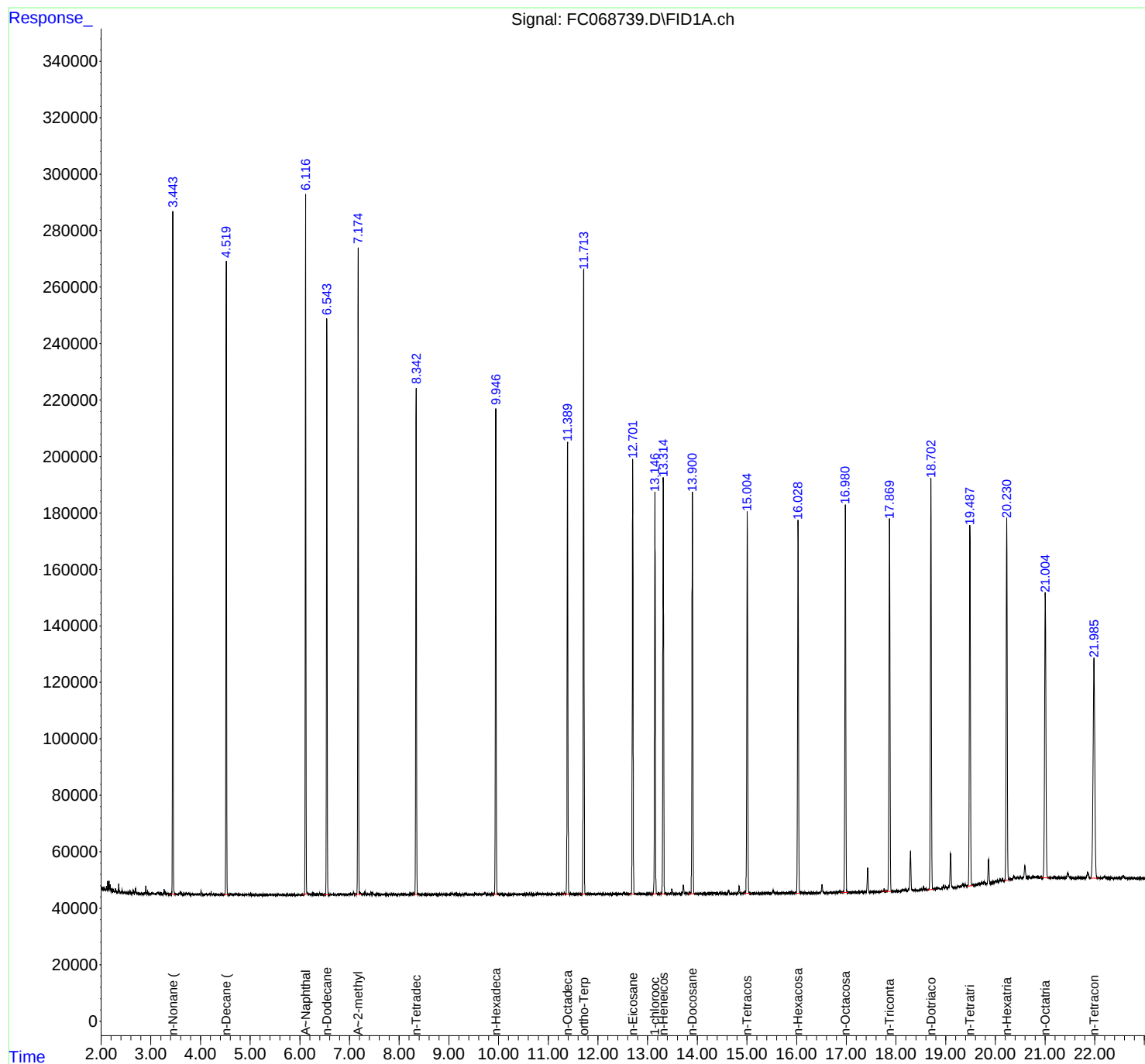
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
Data File : FC068739.D  
Signal(s) : FID1A.ch  
Acq On : 01 May 2025 19:36  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: May 02 03:34:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 08 17:31:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um



rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
 Data File : FC068739.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 May 2025 19:36  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Title : GC Extractables

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 3.443       | 3.390        | 3.487      | BB       | 241490         | 2004924      | 85.80%         | 4.800%        |
| 2                       | 4.519       | 4.462        | 4.557      | BB       | 224501         | 2008063      | 85.94%         | 4.808%        |
| 3                       | 6.117       | 6.059        | 6.152      | BB       | 247566         | 2211675      | 94.65%         | 5.295%        |
| 4                       | 6.544       | 6.487        | 6.584      | BB       | 204198         | 1967965      | 84.22%         | 4.712%        |
| 5                       | 7.175       | 7.107        | 7.242      | BB       | 229062         | 2179964      | 93.29%         | 5.219%        |
| 6                       | 8.342       | 8.279        | 8.382      | BB       | 179009         | 1885318      | 80.68%         | 4.514%        |
| 7                       | 9.946       | 9.882        | 9.992      | BB       | 171588         | 1840665      | 78.77%         | 4.407%        |
| 8                       | 11.390      | 11.275       | 11.425     | BB       | 159441         | 1811102      | 77.51%         | 4.336%        |
| 9                       | 11.714      | 11.650       | 11.759     | BB       | 221386         | 2336644      | 100.00%        | 5.595%        |
| 10                      | 12.701      | 12.639       | 12.742     | BB       | 154055         | 1756256      | 75.16%         | 4.205%        |
| 11                      | 13.147      | 13.087       | 13.192     | BB       | 141218         | 1661837      | 71.12%         | 3.979%        |
| 12                      | 13.314      | 13.250       | 13.360     | BB       | 146884         | 1740380      | 74.48%         | 4.167%        |
| 13                      | 13.901      | 13.809       | 13.954     | BB       | 142430         | 1734445      | 74.23%         | 4.153%        |
| 14                      | 15.005      | 14.947       | 15.059     | BB       | 135030         | 1726210      | 73.88%         | 4.133%        |
| 15                      | 16.028      | 15.990       | 16.065     | BB       | 131831         | 1726782      | 73.90%         | 4.134%        |
| 16                      | 16.980      | 16.912       | 17.034     | BB       | 137645         | 1765068      | 75.54%         | 4.226%        |
| 17                      | 17.869      | 17.719       | 17.905     | BB       | 131611         | 1883155      | 80.59%         | 4.509%        |
| 18                      | 18.702      | 18.639       | 18.764     | BB       | 145488         | 1953120      | 83.59%         | 4.676%        |
| 19                      | 19.487      | 19.440       | 19.547     | BB       | 127543         | 1904087      | 81.49%         | 4.559%        |
| 20                      | 20.229      | 20.180       | 20.272     | BB       | 128462         | 1911386      | 81.80%         | 4.576%        |
| 21                      | 21.005      | 20.927       | 21.082     | BB       | 99443          | 1884044      | 80.63%         | 4.511%        |
| 22                      | 21.985      | 21.914       | 22.080     | BB       | 77907          | 1873116      | 80.16%         | 4.485%        |
| Sum of corrected areas: |             |              |            |          |                | 41766205     |                |               |

Aliphatic EPH 040925.M Fri May 02 04:30:58 2025

Continuing Calibration Report for SequenceID : FE050125AL

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|-----------|-----------|-------|--------|--------|-----------------|-------|------|
|-----------|-----------|-------|--------|--------|-----------------|-------|------|

File ID : FE053602.D

|                   |              |         |        |        |            |            |        |
|-------------------|--------------|---------|--------|--------|------------|------------|--------|
| Aliphatic C21-C28 | 10587831.000 | 80.000  | 13.578 | 17.245 | 132347.888 | 142174.626 | 6.912  |
| Aliphatic C28-C40 | 15782705.000 | 120.000 | 17.246 | 22.133 | 131522.542 | 129049.185 | -1.917 |
| Aliphatic EPH     | 48513381.000 | 360.000 | 3.114  | 22.133 | 134759.392 | 137688.007 | 2.127  |
| Aliphatic C9-C12  | 8249949.000  | 60.000  | 3.114  | 6.754  | 137499.150 | 138562.354 | 0.767  |
| Aliphatic C12-C16 | 5616534.000  | 40.000  | 6.755  | 10.203 | 140413.350 | 141806.081 | 0.982  |
| Aliphatic C16-C21 | 8276362.000  | 60.000  | 10.204 | 13.577 | 137939.367 | 145363.765 | 5.107  |

|                   |                       |                    |                   |
|-------------------|-----------------------|--------------------|-------------------|
| Lab Sample ID:    | 20 PPM ALIPHATIC HC 9 | Acq On:            | 01 May 2025 11:45 |
| Client Sample ID: |                       | Operator:          | YP\AJ             |
| Data file:        | FE053602.D            | Misc:              |                   |
| Instrument:       | FID_E                 | ALS Vial:          | 3                 |
| Dilution Factor:  | 1                     | Sample Multiplier: | 1.00              |

| Compound          | R.T.   |        | Response     | Conc    | Units |
|-------------------|--------|--------|--------------|---------|-------|
| Aliphatic C9-C12  | 3.114  | 6.754  | 8249949.000  | 60.000  | ug/ml |
| Aliphatic C12-C16 | 6.755  | 10.203 | 5616534.000  | 40.000  | ug/ml |
| Aliphatic C16-C21 | 10.204 | 13.577 | 8276362.000  | 60.000  | ug/ml |
| Aliphatic C21-C28 | 13.578 | 17.245 | 10587831.000 | 80.000  | ug/ml |
| Aliphatic C28-C40 | 17.246 | 22.133 | 15782705.000 | 120.000 | ug/ml |
| Aliphatic EPH     | 3.114  | 22.133 | 48513381.000 | 360.000 | ug/ml |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050125AL\  
 Data File : FE053602.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 May 2025 11:45  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: May 01 13:58:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 29 06:49:03 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.865 | 3406552    | 18.887 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.77%       |
| 12) S 1-chlorooctadecane (S... | 13.309 | 2509890    | 18.568 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.14%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.214  | 2676440    | 19.521 ug/ml |
| 2) T n-Decane (C10)            | 4.474  | 2768205    | 20.011 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.186  | 3009672    | 19.939 ug/ml |
| 4) T n-Dodecane (C12)          | 6.654  | 2805304    | 20.002 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.288  | 2982857    | 19.978 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.490  | 2797434    | 19.940 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.103 | 2819100    | 19.670 ug/ml |
| 8) T n-Octadecane (C18)        | 11.550 | 2810688    | 19.286 ug/ml |
| 10) T n-Eicosane (C20)         | 12.864 | 2749268    | 18.894 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.477 | 2716406    | 18.754 ug/ml |
| 13) T n-Docosane (C22)         | 14.066 | 2688653    | 18.632 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.171 | 2659067    | 18.512 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.194 | 2605435    | 18.396 ug/ml |
| 16) T n-Octacosane (C28)       | 17.145 | 2634676    | 18.937 ug/ml |
| 17) T n-Tricontane (C30)       | 18.034 | 2780956    | 19.979 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.870 | 2844622    | 20.717 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.654 | 2696931    | 20.699 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.397 | 2621511    | 20.765 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.130 | 2477347    | 20.334 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.033 | 2361338    | 19.773 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

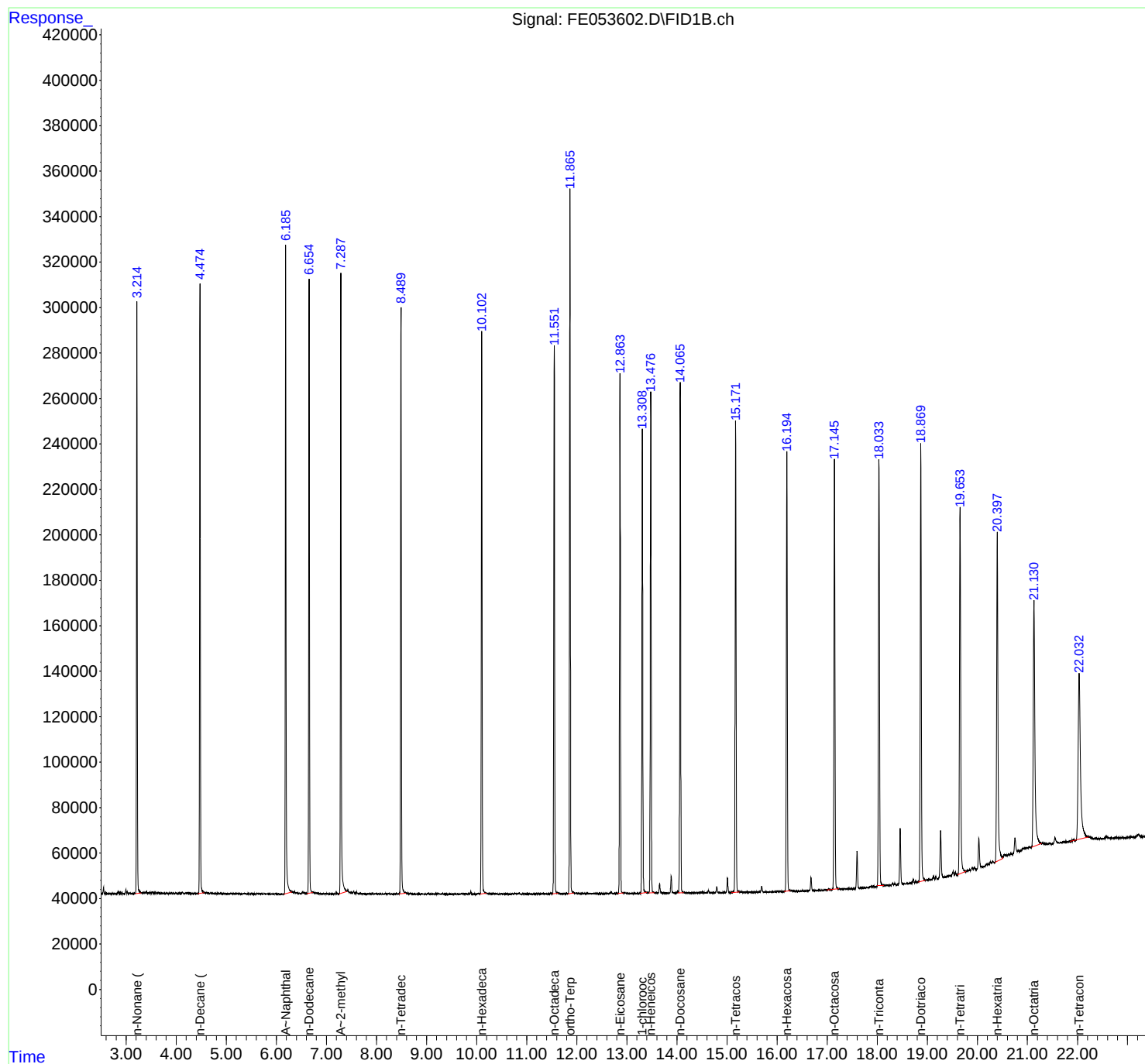
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050125AL\  
Data File : FE053602.D  
Signal(s) : FID1B.ch  
Acq On : 01 May 2025 11:45  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: May 01 13:58:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 29 06:49:03 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um



rteres

# Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050125AL\  
 Data File : FE053602.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 May 2025 11:45  
 Sample : 20 PPM ALIPAHTIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Title : GC Extractables

Signal : FID1B.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 3.214       | 3.184        | 3.304      | BB       | 259891         | 2676440      | 78.57%         | 4.430%        |
| 2                       | 4.474       | 4.431        | 4.561      | BB       | 268253         | 2768205      | 81.26%         | 4.581%        |
| 3                       | 6.186       | 6.151        | 6.314      | BB       | 284415         | 3009672      | 88.35%         | 4.981%        |
| 4                       | 6.654       | 6.614        | 6.731      | BB       | 269610         | 2805304      | 82.35%         | 4.643%        |
| 5                       | 7.288       | 7.251        | 7.411      | BV       | 271804         | 2982857      | 87.56%         | 4.937%        |
| 6                       | 8.490       | 8.454        | 8.588      | BB       | 255562         | 2797434      | 82.12%         | 4.630%        |
| 7                       | 10.103      | 10.064       | 10.191     | BB       | 246659         | 2819100      | 82.76%         | 4.666%        |
| 8                       | 11.550      | 11.511       | 11.628     | BB       | 242535         | 2810688      | 82.51%         | 4.652%        |
| 9                       | 11.865      | 11.821       | 11.941     | BB       | 308867         | 3406552      | 100.00%        | 5.638%        |
| 10                      | 12.864      | 12.824       | 12.931     | BB       | 228085         | 2749268      | 80.71%         | 4.550%        |
| 11                      | 13.309      | 13.268       | 13.391     | BB       | 202704         | 2509890      | 73.68%         | 4.154%        |
| 12                      | 13.477      | 13.438       | 13.551     | BB       | 219006         | 2716406      | 79.74%         | 4.496%        |
| 13                      | 14.066      | 14.030       | 14.134     | VB       | 222544         | 2688653      | 78.93%         | 4.450%        |
| 14                      | 15.171      | 15.088       | 15.248     | BB       | 206989         | 2659067      | 78.06%         | 4.401%        |
| 15                      | 16.194      | 16.148       | 16.264     | BB       | 194425         | 2605435      | 76.48%         | 4.312%        |
| 16                      | 17.145      | 16.994       | 17.228     | BB       | 189260         | 2634676      | 77.34%         | 4.360%        |
| 17                      | 18.034      | 18.001       | 18.124     | BB       | 186434         | 2780956      | 81.64%         | 4.603%        |
| 18                      | 18.870      | 18.821       | 18.961     | BB       | 192167         | 2844622      | 83.50%         | 4.708%        |
| 19                      | 19.654      | 19.601       | 19.768     | BB       | 160167         | 2696931      | 79.17%         | 4.463%        |
| 20                      | 20.397      | 20.351       | 20.508     | BV       | 144844         | 2621511      | 76.95%         | 4.339%        |
| 21                      | 21.130      | 21.081       | 21.284     | BB       | 108088         | 2477347      | 72.72%         | 4.100%        |
| 22                      | 22.033      | 21.851       | 22.228     | BB       | 73034          | 2361338      | 69.32%         | 3.908%        |
| Sum of corrected areas: |             |              |            |          |                |              | 60422352       |               |

Aliphatic EPH 041725.M Thu May 01 14:00:58 2025

Continuing Calibration Report for SequenceID :

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|-----------|-----------|-------|--------|--------|-----------------|-------|------|
|-----------|-----------|-------|--------|--------|-----------------|-------|------|

File ID :

|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|

Lab Sample ID:

Acq On:

Client Sample ID:

Operator:

Data file:

Misc:

Instrument:

ALS Vial:

Dilution Factor:

Sample Multiplier:

| Compound | R.T. | Response | Conc | Units |
|----------|------|----------|------|-------|
|          |      |          |      | ug/ml |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050125AL\  
 Data File : FE053615.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 May 2025 19:49  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: May 02 02:20:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 29 06:49:03 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.865 | 3422634    | 18.977 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.95%       |
| 12) S 1-chlorooctadecane (S... | 13.310 | 2536546    | 18.765 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.53%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.213  | 2720216    | 19.841 ug/ml |
| 2) T n-Decane (C10)            | 4.474  | 2826018    | 20.429 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.186  | 3069077    | 20.332 ug/ml |
| 4) T n-Dodecane (C12)          | 6.654  | 2853306    | 20.345 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.288  | 3019404    | 20.223 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.491  | 2837640    | 20.227 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.103 | 2848806    | 19.877 ug/ml |
| 8) T n-Octadecane (C18)        | 11.551 | 2833592    | 19.444 ug/ml |
| 10) T n-Eicosane (C20)         | 12.865 | 2771424    | 19.046 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.478 | 2731693    | 18.859 ug/ml |
| 13) T n-Docosane (C22)         | 14.066 | 2701388    | 18.720 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.171 | 2667784    | 18.573 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.195 | 2613302    | 18.452 ug/ml |
| 16) T n-Octacosane (C28)       | 17.147 | 2653208    | 19.071 ug/ml |
| 17) T n-Tricontane (C30)       | 18.036 | 2829154    | 20.325 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.871 | 2903766    | 21.148 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.655 | 2748520    | 21.095 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.396 | 2676219    | 21.198 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.130 | 2695184    | 22.122 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.034 | 2471099    | 20.692 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

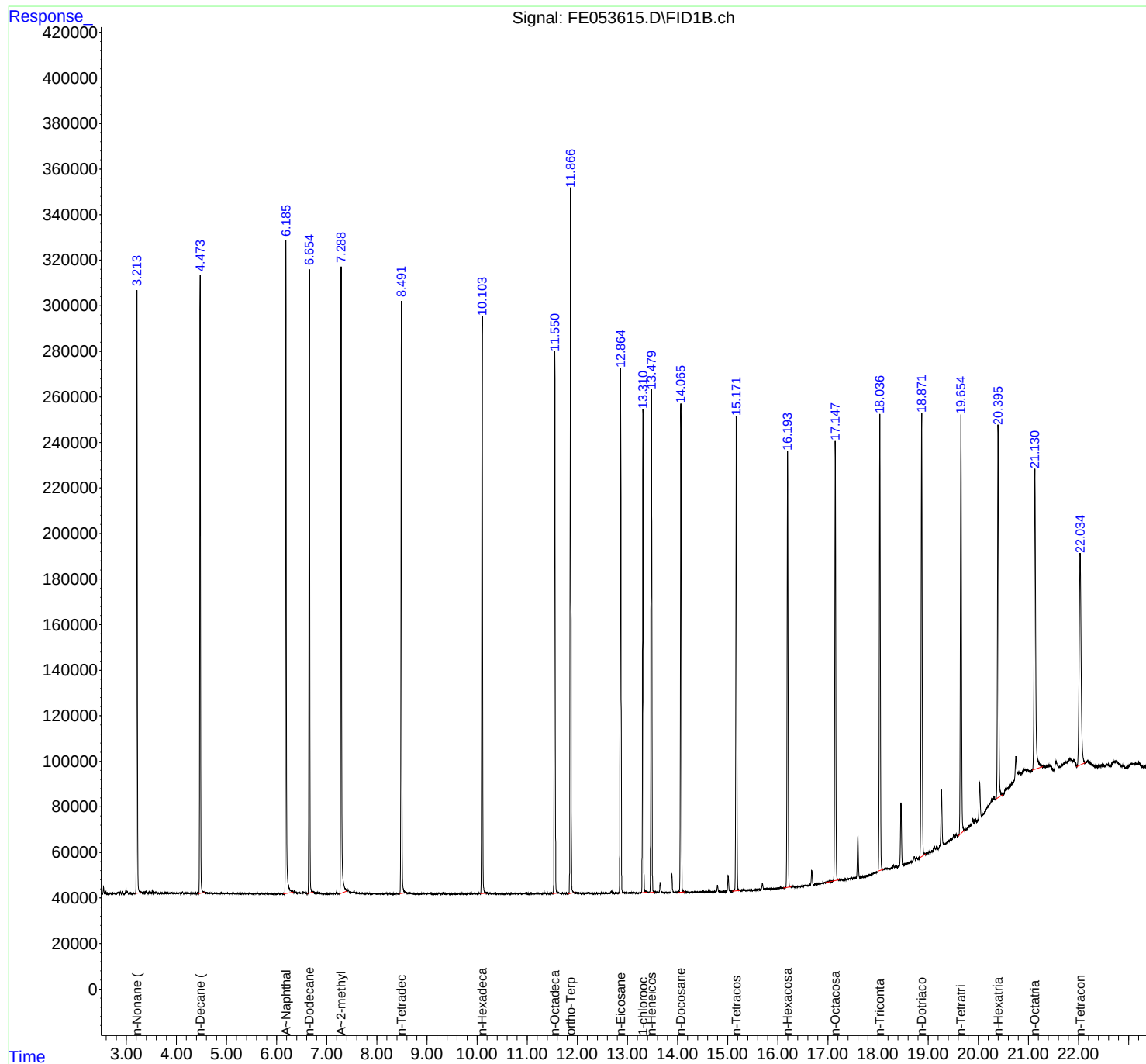
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050125AL\  
Data File : FE053615.D  
Signal(s) : FID1B.ch  
Acq On : 01 May 2025 19:49  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: May 02 02:20:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 29 06:49:03 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um



rteres

# Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050125AL\  
 Data File : FE053615.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 May 2025 19:49  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Title : GC Extractables

Signal : FID1B.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 3.213       | 3.181        | 3.298      | BB       | 263297         | 2720216      | 79.48%         | 4.428%        |
| 2                       | 4.474       | 4.441        | 4.564      | BB       | 271227         | 2826018      | 82.57%         | 4.600%        |
| 3                       | 6.186       | 6.134        | 6.331      | BB       | 286288         | 3069077      | 89.67%         | 4.996%        |
| 4                       | 6.654       | 6.618        | 6.728      | BB       | 274742         | 2853306      | 83.37%         | 4.645%        |
| 5                       | 7.288       | 7.254        | 7.411      | BV       | 273838         | 3019404      | 88.22%         | 4.915%        |
| 6                       | 8.491       | 8.458        | 8.588      | BB       | 259614         | 2837640      | 82.91%         | 4.619%        |
| 7                       | 10.103      | 10.068       | 10.194     | BB       | 254847         | 2848806      | 83.23%         | 4.637%        |
| 8                       | 11.551      | 11.508       | 11.631     | BB       | 238056         | 2833592      | 82.79%         | 4.613%        |
| 9                       | 11.865      | 11.824       | 11.948     | BB       | 308268         | 3422634      | 100.00%        | 5.572%        |
| 10                      | 12.865      | 12.824       | 12.938     | BB       | 231027         | 2771424      | 80.97%         | 4.512%        |
| 11                      | 13.310      | 13.274       | 13.384     | BB       | 211736         | 2536546      | 74.11%         | 4.129%        |
| 12                      | 13.478      | 13.441       | 13.541     | BB       | 220867         | 2731693      | 79.81%         | 4.447%        |
| 13                      | 14.066      | 14.032       | 14.134     | VB       | 215499         | 2701388      | 78.93%         | 4.398%        |
| 14                      | 15.171      | 15.094       | 15.248     | BB       | 207265         | 2667784      | 77.95%         | 4.343%        |
| 15                      | 16.195      | 16.114       | 16.268     | BB       | 191267         | 2613302      | 76.35%         | 4.254%        |
| 16                      | 17.147      | 16.921       | 17.214     | BB       | 192390         | 2653208      | 77.52%         | 4.319%        |
| 17                      | 18.036      | 18.001       | 18.108     | BB       | 199597         | 2829154      | 82.66%         | 4.605%        |
| 18                      | 18.871      | 18.821       | 18.941     | BB       | 195068         | 2903766      | 84.84%         | 4.727%        |
| 19                      | 19.655      | 19.601       | 19.724     | BB       | 183535         | 2748520      | 80.30%         | 4.474%        |
| 20                      | 20.396      | 20.351       | 20.491     | BV       | 163490         | 2676219      | 78.19%         | 4.357%        |
| 21                      | 21.130      | 21.081       | 21.291     | BB       | 131886         | 2695184      | 78.75%         | 4.387%        |
| 22                      | 22.034      | 21.969       | 22.134     | PV       | 93009          | 2471099      | 72.20%         | 4.023%        |
| Sum of corrected areas: |             |              |            |          |                |              | 61429981       |               |

Aliphatic EPH 041725.M Fri May 02 02:40:41 2025



# QC SAMPLE DATA

## Report of Analysis

|                    |                                    |                 |         |
|--------------------|------------------------------------|-----------------|---------|
| Client:            | Walsh Construction Company II, LLC | Date Collected: |         |
| Project:           | Walsh CO-032 Sampling              | Date Received:  |         |
| Client Sample ID:  | PB167819BL                         | SDG No.:        | Q1907   |
| Lab Sample ID:     | PB167819BL                         | Matrix:         | Solid   |
| Analytical Method: | NJEPH                              | % Solid:        | 100     |
| Sample Wt/Vol:     | 30.01 Units: g                     | Final Vol:      | 2000 uL |
| Soil Aliquot Vol:  | uL                                 | Test:           | EPH_NF  |
| Prep Method :      |                                    |                 |         |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 05/01/25 08:45 | 05/01/25 13:31  | PB167819      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 1.18  | U         | 1        | 1.18 | 2.00       | mg/kg             | FC068730.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 0.91  | U         | 1        | 0.91 | 4.00       | mg/kg             | FC068730.D |
| Total AliphaticEPH | Total AliphaticEPH | 2.09  | U         |          | 2.09 | 6.00       | mg/kg             |            |
| Total EPH          | Total EPH          | 2.09  | U         |          | 2.09 | 6.00       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

|                    |                                    |          |                 |         |
|--------------------|------------------------------------|----------|-----------------|---------|
| Client:            | Walsh Construction Company II, LLC |          | Date Collected: |         |
| Project:           | Walsh CO-032 Sampling              |          | Date Received:  |         |
| Client Sample ID:  | PB167819BL                         |          | SDG No.:        | Q1907   |
| Lab Sample ID:     | PB167819BL                         |          | Matrix:         | Solid   |
| Analytical Method: | NJEPH                              |          | % Solid:        | 100     |
| Sample Wt/Vol:     | 30.01                              | Units: g | Final Vol:      | 2000 uL |
| Soil Aliquot Vol:  |                                    | uL       | Test:           | EPH_NF  |
| Prep Method :      |                                    |          |                 |         |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FC068730.D | 1         | 05/01/25    | 05/01/25        | PB167819      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 0.91  | U         | 0.91     | 4.00       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 1.18  | U         | 1.18     | 2.00       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 36.5  |           | 40 - 140 | 73%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 35.8  |           | 40 - 140 | 72%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB167819BL | Acq On:            | 01 May 2025 13:31 |
| Client Sample ID: | PB167819BL | Operator:          | YP/AJ             |
| Data file:        | FC068730.D | Misc:              |                   |
| Instrument:       | FID_C      | ALS Vial:          | 11                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc | highest_standard | Units |
|---------------------------|--------|--------|----------|------|------------------|-------|
| Aliphatic C9-C12          | 3.343  | 6.644  | 0        | 0    | 300              | ug/ml |
| Aliphatic C12-C16         | 6.645  | 10.046 | 0        | 0    | 200              | ug/ml |
| Aliphatic C16-C21         | 10.047 | 13.414 | 0        | 0    | 300              | ug/ml |
| Aliphatic C21-C28         | 13.415 | 17.079 | 0        | 0    | 400              | ug/ml |
| Aliphatic C28-C40         | 17.080 | 22.084 | 0        | 0    | 600              | ug/ml |
| Aliphatic EPH             | 3.343  | 22.084 | 0        | 0    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.716 | 11.716 | 4558693  | 35.8 |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.150 | 13.150 | 3390261  | 36.5 |                  | ug/ml |
| Aliphatic C9-C28          | 3.343  | 17.079 | 0        | 0    | 1200             | ug/ml |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
 Data File : FC068730.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 May 2025 13:31  
 Operator : YP/AJ  
 Sample : PB167819BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB167819BL

Integration File: autoint1.e  
 Quant Time: May 02 03:32:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 17:31:27 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response | Conc Units   |
|--------------------------------|--------|----------|--------------|
| -----                          |        |          |              |
| System Monitoring Compounds    |        |          |              |
| 9) S ortho-Terphenyl (SURR)    | 11.716 | 4558693  | 35.800 ug/ml |
| Spiked Amount                  | 50.000 | Recovery | = 71.60%     |
| 12) S 1-chlorooctadecane (S... | 13.150 | 3390261  | 36.496 ug/ml |
| Spiked Amount                  | 50.000 | Recovery | = 72.99%     |

Target Compounds

(f)=RT Delta > 1/2 Window

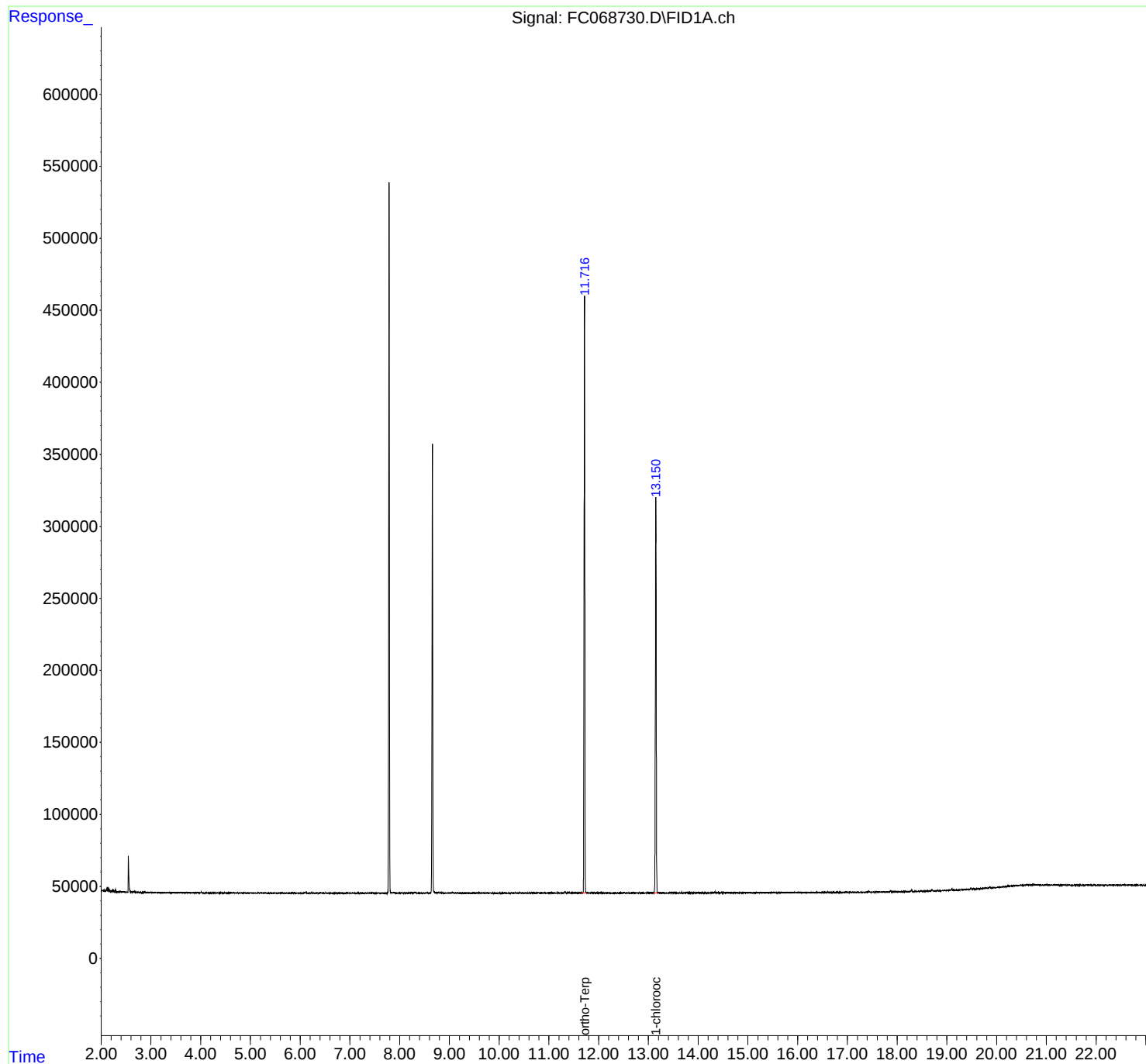
(m)=manual int.

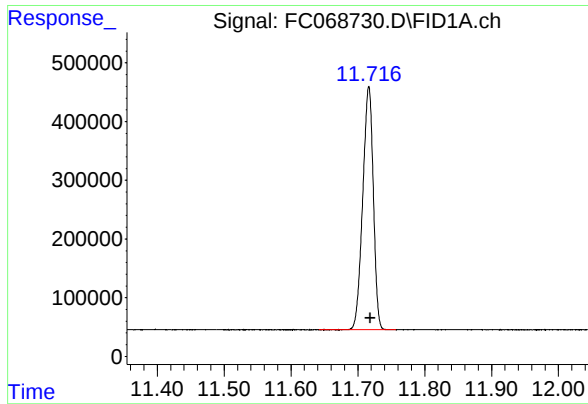
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
Data File : FC068730.D  
Signal(s) : FID1A.ch  
Acq On : 01 May 2025 13:31  
Operator : YP/AJ  
Sample : PB167819BL  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :  
PB167819BL

Integration File: autoint1.e  
Quant Time: May 02 03:32:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 08 17:31:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

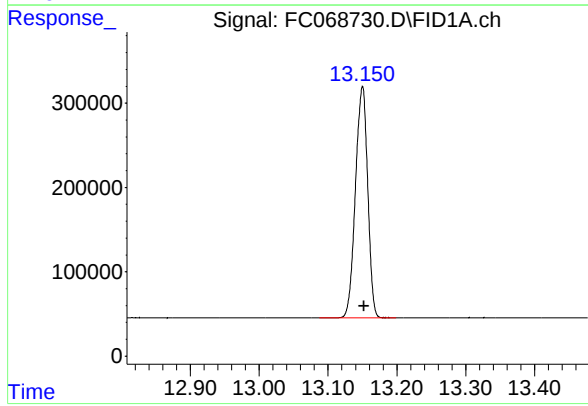




#9 ortho-Terphenyl (SURR)

R.T.: 11.716 min  
Delta R.T.: -0.002 min  
Response: 4558693  
Conc: 35.80 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB167819BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min  
Delta R.T.: -0.002 min  
Response: 3390261  
Conc: 36.50 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
Data File : FC068730.D  
Signal(s) : FID1A.ch  
Acq On : 01 May 2025 13:31  
Sample : PB167819BL  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Title : GC Extractables

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 11.716      | 11.642       | 11.757     | BB       | 416998         | 4558693      | 100.00%        | 57.350%       |
| 2                       | 13.150      | 13.087       | 13.199     | BB       | 275737         | 3390261      | 74.37%         | 42.650%       |
| Sum of corrected areas: |             |              |            |          |                |              | 7948954        |               |

Aliphatic EPH 040925.M Fri May 02 04:26:35 2025

## Report of Analysis

|                    |                                    |          |                 |        |    |
|--------------------|------------------------------------|----------|-----------------|--------|----|
| Client:            | Walsh Construction Company II, LLC |          | Date Collected: |        |    |
| Project:           | Walsh CO-032 Sampling              |          | Date Received:  |        |    |
| Client Sample ID:  | PB167819BS                         |          | SDG No.:        | Q1907  |    |
| Lab Sample ID:     | PB167819BS                         |          | Matrix:         | Solid  |    |
| Analytical Method: | NJEPH                              |          | % Solid:        | 100    |    |
| Sample Wt/Vol:     | 30.02                              | Units: g | Final Vol:      | 2000   | uL |
| Soil Aliquot Vol:  |                                    | uL       | Test:           | EPH_NF |    |
| Prep Method :      |                                    |          |                 |        |    |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 05/01/25 08:45 | 05/01/25 14:07  | PB167819      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 30.3  |           | 1        | 1.18 | 2.00       | mg/kg             | FC068731.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 85.9  | E         | 1        | 0.91 | 3.99       | mg/kg             | FC068731.D |
| Total AliphaticEPH | Total AliphaticEPH | 116   |           |          | 2.09 | 5.99       | mg/kg             |            |
| Total EPH          | Total EPH          | 116   |           |          | 2.09 | 5.99       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

|                    |                                    |          |                 |        |    |
|--------------------|------------------------------------|----------|-----------------|--------|----|
| Client:            | Walsh Construction Company II, LLC |          | Date Collected: |        |    |
| Project:           | Walsh CO-032 Sampling              |          | Date Received:  |        |    |
| Client Sample ID:  | PB167819BS                         |          | SDG No.:        | Q1907  |    |
| Lab Sample ID:     | PB167819BS                         |          | Matrix:         | Solid  |    |
| Analytical Method: | NJEPH                              |          | % Solid:        | 100    |    |
| Sample Wt/Vol:     | 30.02                              | Units: g | Final Vol:      | 2000   | uL |
| Soil Aliquot Vol:  |                                    | uL       | Test:           | EPH_NF |    |
| Prep Method :      |                                    |          |                 |        |    |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FC068731.D | 1         | 05/01/25    | 05/01/25        | PB167819      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 85.9  | E         | 0.91     | 3.99       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 30.3  |           | 1.18     | 2.00       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 36.8  |           | 40 - 140 | 74%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 35.8  |           | 40 - 140 | 72%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB167819BS | Acq On:            | 01 May 2025 14:07 |
| Client Sample ID: | PB167819BS | Operator:          | YP/AJ             |
| Data file:        | FC068731.D | Misc:              |                   |
| Instrument:       | FID_C      | ALS Vial:          | 12                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.343  | 6.644  | 23979437  | 227.764 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.645  | 10.046 | 29663552  | 289.902 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.047 | 13.414 | 32814414  | 332.074 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.415 | 17.079 | 41466383  | 440.264 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.080 | 22.084 | 40919729  | 455.256 | 600              | ug/ml |
| Aliphatic EPH             | 3.343  | 22.084 | 168843515 | 1750    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.716 | 11.716 | 4554959   | 35.77   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.148 | 13.148 | 3416200   | 36.78   |                  | ug/ml |
| Aliphatic C9-C28          | 3.343  | 17.079 | 127923786 | 1290    | 1200             | ug/ml |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
 Data File : FC068731.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 May 2025 14:07  
 Operator : YP/AJ  
 Sample : PB167819BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB167819BS

Integration File: autoint1.e  
 Quant Time: May 02 03:32:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 17:31:27 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.716 | 4554959    | 35.771 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 71.54%       |
| 12) S 1-chlorooctadecane (S... | 13.148 | 3416200    | 36.775 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 73.55%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.452  | 4325454    | 41.068 ug/ml |
| 2) T n-Decane (C10)            | 4.525  | 4586531    | 43.532 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.119  | 5395724    | 46.331 ug/ml |
| 4) T n-Dodecane (C12)          | 6.547  | 4610761    | 43.844 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.177  | 4873422    | 42.195 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.346  | 4515772    | 43.926 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.948  | 4368163    | 42.892 ug/ml |
| 8) T n-Octadecane (C18)        | 11.392 | 4284650    | 42.577 ug/ml |
| 10) T n-Eicosane (C20)         | 12.703 | 4360396    | 44.331 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.316 | 4174704    | 42.836 ug/ml |
| 13) T n-Docosane (C22)         | 13.903 | 4154832    | 43.013 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.001 | 8968563    | 94.223 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.033 | 4140554    | 44.329 ug/ml |
| 16) T n-Octacosane (C28)       | 16.983 | 4236496    | 46.271 ug/ml |
| 17) T n-Tricontane (C30)       | 17.871 | 4261415    | 46.354 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.706 | 4272919    | 46.582 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.489 | 4348900    | 48.679 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.232 | 4246663    | 47.407 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.009 | 4346292    | 49.159 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.989 | 4506484    | 51.033 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

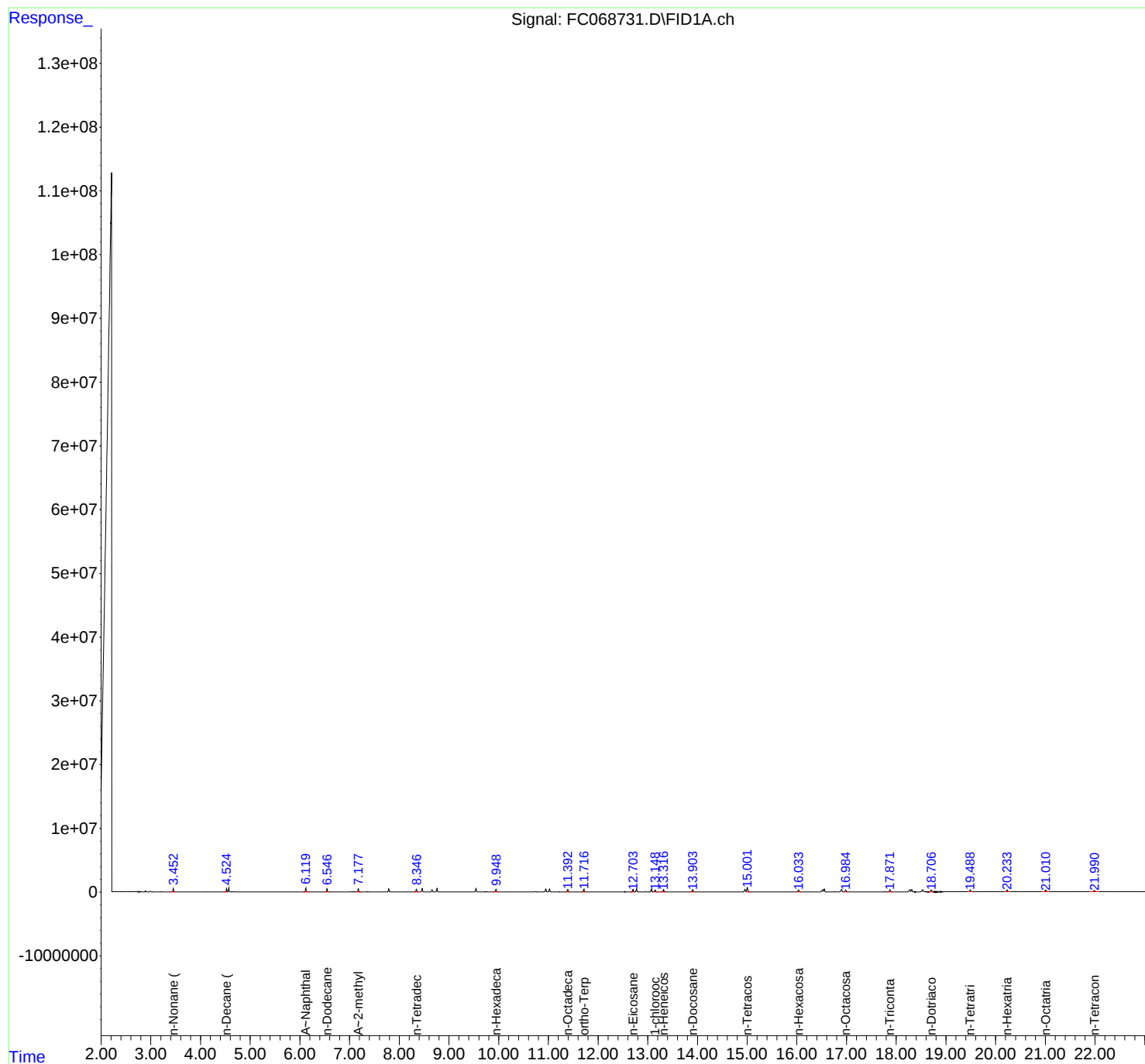
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
Data File : FC068731.D  
Signal(s) : FID1A.ch  
Acq On : 01 May 2025 14:07  
Operator : YP/AJ  
Sample : PB167819BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :  
PB167819BS

Integration File: autoint1.e  
Quant Time: May 02 03:32:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 08 17:31:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um



Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
 Data File : FC068731.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 May 2025 14:07  
 Sample : PB167819BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Title : GC Extractables

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.452       | 3.393        | 3.500      | BB       | 536624         | 4325454      | 48.23%         | 2.446%        |
| 2         | 4.525       | 4.462        | 4.547      | BV       | 530337         | 4586531      | 51.14%         | 2.594%        |
| 3         | 4.570       | 4.547        | 4.613      | VV       | 583272         | 5060967      | 56.43%         | 2.862%        |
| 4         | 6.119       | 6.055        | 6.183      | BB       | 588209         | 5395724      | 60.16%         | 3.052%        |
| 5         | 6.547       | 6.490        | 6.580      | BB       | 483319         | 4610761      | 51.41%         | 2.608%        |
| 6         | 7.177       | 7.128        | 7.237      | BB       | 509486         | 4873422      | 54.34%         | 2.756%        |
| 7         | 8.346       | 8.287        | 8.387      | BB       | 424915         | 4515772      | 50.35%         | 2.554%        |
| 8         | 8.463       | 8.395        | 8.503      | BB       | 542983         | 5310269      | 59.21%         | 3.003%        |
| 9         | 8.761       | 8.720        | 8.805      | BB       | 533963         | 5307845      | 59.18%         | 3.002%        |
| 10        | 9.545       | 9.478        | 9.612      | BB       | 520501         | 5288081      | 58.96%         | 2.991%        |
| 11        | 9.948       | 9.880        | 9.997      | BB       | 401223         | 4368163      | 48.71%         | 2.470%        |
| 12        | 10.951      | 10.867       | 10.988     | BV       | 470160         | 5074427      | 56.58%         | 2.870%        |
| 13        | 11.026      | 10.988       | 11.050     | PBA      | 470638         | 4931634      | 54.99%         | 2.789%        |
| 14        | 11.392      | 11.340       | 11.428     | BB       | 394181         | 4284650      | 47.77%         | 2.423%        |
| 15        | 11.716      | 11.658       | 11.757     | BB       | 430971         | 4554959      | 50.79%         | 2.576%        |
| 16        | 12.703      | 12.633       | 12.737     | BV       | 366458         | 4360396      | 48.62%         | 2.466%        |
| 17        | 12.773      | 12.737       | 12.820     | VB       | 451960         | 5038297      | 56.18%         | 2.849%        |
| 18        | 13.073      | 13.013       | 13.102     | BV       | 433173         | 4950306      | 55.20%         | 2.800%        |
| 19        | 13.148      | 13.102       | 13.205     | VB       | 285731         | 3416200      | 38.09%         | 1.932%        |
| 20        | 13.316      | 13.245       | 13.368     | BB       | 363482         | 4174704      | 46.55%         | 2.361%        |
| 21        | 13.903      | 13.842       | 13.943     | BB       | 342991         | 4154832      | 46.33%         | 2.350%        |
| 22        | 14.955      | 14.885       | 14.975     | BV       | 351738         | 4882477      | 54.44%         | 2.761%        |
| 23        | 15.001      | 14.975       | 15.065     | VB       | 676937         | 8968563      | 100.00%        | 5.072%        |
| 24        | 16.033      | 15.990       | 16.085     | BB       | 300653         | 4140554      | 46.17%         | 2.342%        |
| 25        | 16.516      | 16.443       | 16.532     | BV       | 342899         | 5092237      | 56.78%         | 2.880%        |
| 26        | 16.551      | 16.532       | 16.595     | VBA      | 444931         | 5066594      | 56.49%         | 2.865%        |
| 27        | 16.899      | 16.822       | 16.943     | BV       | 382447         | 4924630      | 54.91%         | 2.785%        |
| 28        | 16.983      | 16.943       | 17.032     | VB       | 310656         | 4236496      | 47.24%         | 2.396%        |
| 29        | 17.871      | 17.807       | 17.922     | BB       | 319836         | 4261415      | 47.52%         | 2.410%        |
| 30        | 18.274      | 18.189       | 18.285     | M        | 344827         | 5089448      | 56.75%         | 2.878%        |
| 31        | 18.311      | 18.286       | 18.385     | M        | 364653         | 4863259      | 54.23%         | 2.750%        |
| 32        | 18.533      | 18.455       | 18.600     | BB       | 352270         | 4984349      | 55.58%         | 2.819%        |
| 33        | 18.706      | 18.640       | 18.768     | BB       | 305279         | 4272919      | 47.64%         | 2.417%        |
| 34        | 19.489      | 19.440       | 19.530     | BB       | 315412         | 4348900      | 48.49%         | 2.460%        |
| 35        | 20.232      | 20.180       | 20.290     | BB       | 277927         | 4246663      | 47.35%         | 2.402%        |
| 36        | 21.009      | 20.923       | 21.078     | BB       | 233015         | 4346292      | 48.46%         | 2.458%        |

rters  
37 21.989 21.890 22.077 BB 179921 4506484 50.25% 2.549%  
Sum of corrected areas: 176814671

Aliphatic EPH 040925.M Fri May 02 04:28:00 2025

## Report of Analysis

|                    |                                    |                 |                      |
|--------------------|------------------------------------|-----------------|----------------------|
| Client:            | Walsh Construction Company II, LLC | Date Collected: |                      |
| Project:           | Walsh CO-032 Sampling              | Date Received:  |                      |
| Client Sample ID:  | PB167819BSD                        | SDG No.:        | Q1907                |
| Lab Sample ID:     | PB167819BSD                        | Matrix:         | Solid                |
| Analytical Method: | NJEPH                              | % Solid:        | 100                  |
| Sample Wt/Vol:     | 30.02      Units:    g             | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                 | Test:           | EPH_NF               |
| Prep Method :      |                                    |                 |                      |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 05/01/25 08:45 | 05/01/25 14:44  | PB167819      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 31.1  |           | 1        | 1.18 | 2.00       | mg/kg             | FC068732.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 88.6  | E         | 1        | 0.91 | 3.99       | mg/kg             | FC068732.D |
| Total AliphaticEPH | Total AliphaticEPH | 120   |           |          | 2.09 | 5.99       | mg/kg             |            |
| Total EPH          | Total EPH          | 120   |           |          | 2.09 | 5.99       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

|                    |                                    |                 |                      |
|--------------------|------------------------------------|-----------------|----------------------|
| Client:            | Walsh Construction Company II, LLC | Date Collected: |                      |
| Project:           | Walsh CO-032 Sampling              | Date Received:  |                      |
| Client Sample ID:  | PB167819BSD                        | SDG No.:        | Q1907                |
| Lab Sample ID:     | PB167819BSD                        | Matrix:         | Solid                |
| Analytical Method: | NJEPH                              | % Solid:        | 100                  |
| Sample Wt/Vol:     | 30.02      Units:    g             | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                 | Test:           | EPH_NF               |
| Prep Method :      |                                    |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FC068732.D | 1         | 05/01/25    | 05/01/25        | PB167819      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 88.6  | E         | 0.91     | 3.99       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 31.1  |           | 1.18     | 2.00       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 38.4  |           | 40 - 140 | 77%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 36.9  |           | 40 - 140 | 74%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |             |                    |                   |
|-------------------|-------------|--------------------|-------------------|
| Lab Sample ID:    | PB167819BSD | Acq On:            | 01 May 2025 14:44 |
| Client Sample ID: | PB167819BSD | Operator:          | YP/AJ             |
| Data file:        | FC068732.D  | Misc:              |                   |
| Instrument:       | FID_C       | ALS Vial:          | 13                |
| Dilution Factor:  | 1           | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.343  | 6.644  | 24744164  | 235.027 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.645  | 10.046 | 30727248  | 300.298 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.047 | 13.414 | 33975459  | 343.824 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.415 | 17.079 | 42473609  | 450.958 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.080 | 22.084 | 41931542  | 466.513 | 600              | ug/ml |
| Aliphatic EPH             | 3.343  | 22.084 | 173852022 | 1800    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.717 | 11.717 | 4699254   | 36.9    |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.149 | 13.149 | 3570961   | 38.44   |                  | ug/ml |
| Aliphatic C9-C28          | 3.343  | 17.079 | 131920480 | 1330    | 1200             | ug/ml |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
 Data File : FC068732.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 May 2025 14:44  
 Operator : YP/AJ  
 Sample : PB167819BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB167819BSD

Integration File: autoint1.e  
 Quant Time: May 02 03:33:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 17:31:27 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.717 | 4699254    | 36.904 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 73.81%       |
| 12) S 1-chlorooctadecane (S... | 13.149 | 3570961    | 38.441 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 76.88%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.453  | 4454595    | 42.295 ug/ml |
| 2) T n-Decane (C10)            | 4.525  | 4741698    | 45.005 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.119  | 5545341    | 47.615 ug/ml |
| 4) T n-Dodecane (C12)          | 6.547  | 4805727    | 45.698 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.177  | 5022984    | 43.490 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.346  | 4731757    | 46.027 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.948  | 4604180    | 45.209 ug/ml |
| 8) T n-Octadecane (C18)        | 11.392 | 4523772    | 44.953 ug/ml |
| 10) T n-Eicosane (C20)         | 12.704 | 4587114    | 46.636 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.316 | 4379181    | 44.935 ug/ml |
| 13) T n-Docosane (C22)         | 13.904 | 4349629    | 45.030 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.002 | 9218335    | 96.847 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.033 | 4272318    | 45.740 ug/ml |
| 16) T n-Octacosane (C28)       | 16.981 | 4352362    | 47.537 ug/ml |
| 17) T n-Tricontane (C30)       | 17.873 | 4366947    | 47.502 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.706 | 4374904    | 47.694 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.491 | 4456102    | 49.878 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.233 | 4352914    | 48.593 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.010 | 4469945    | 50.558 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.990 | 4656084    | 52.727 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

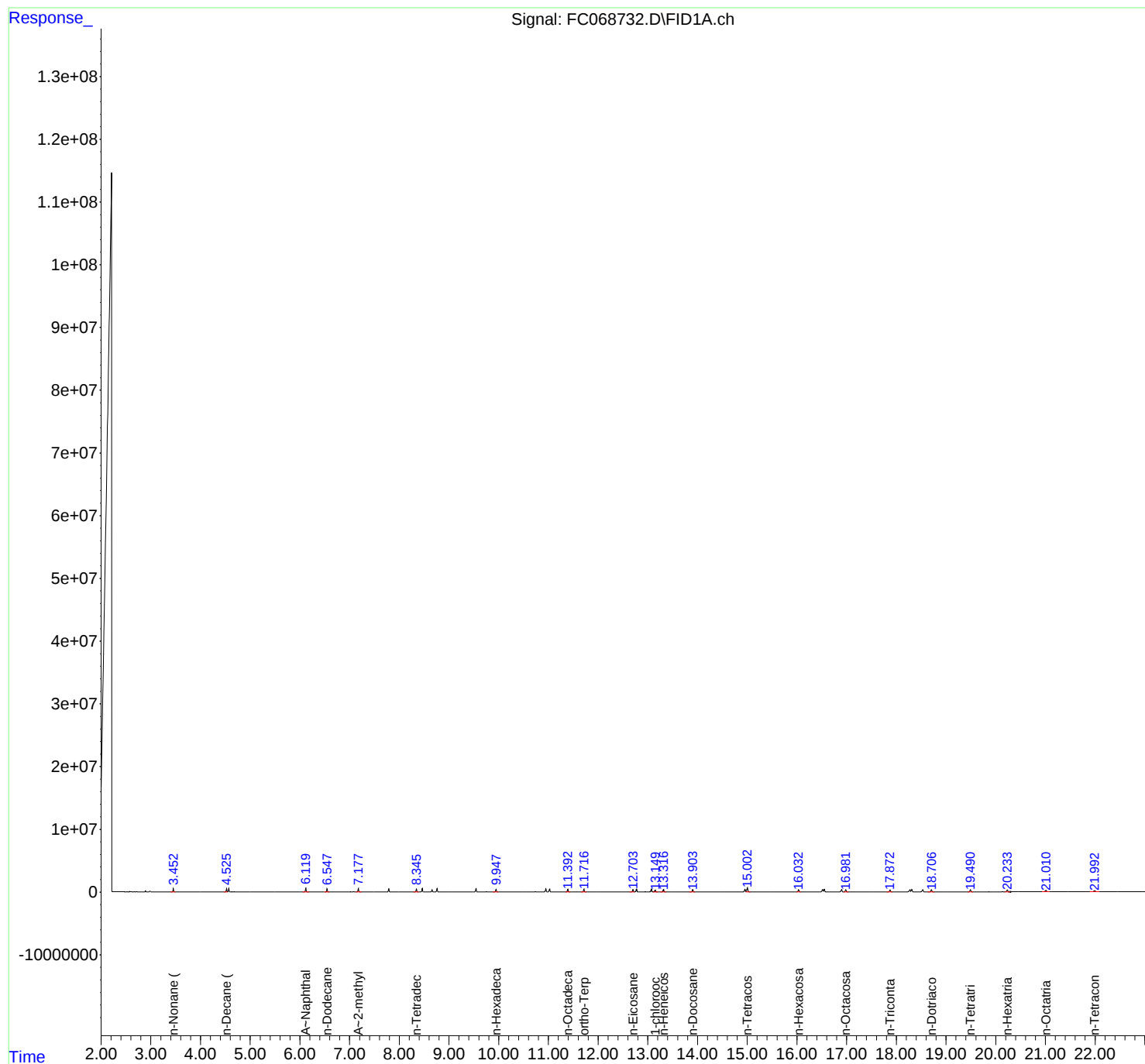
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
Data File : FC068732.D  
Signal(s) : FID1A.ch  
Acq On : 01 May 2025 14:44  
Operator : YP/AJ  
Sample : PB167819BSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :  
PB167819BSD

Integration File: autoint1.e  
Quant Time: May 02 03:33:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 08 17:31:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um



rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
 Data File : FC068732.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 May 2025 14:44  
 Sample : PB167819BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Title : GC Extractables

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.453       | 3.399        | 3.495      | BB       | 540408         | 4454595      | 48.32%         | 2.446%        |
| 2         | 4.525       | 4.469        | 4.547      | BV       | 544643         | 4741698      | 51.44%         | 2.604%        |
| 3         | 4.569       | 4.547        | 4.614      | VV       | 592728         | 5196803      | 56.37%         | 2.853%        |
| 4         | 6.119       | 6.055        | 6.184      | BB       | 603580         | 5545341      | 60.16%         | 3.045%        |
| 5         | 6.547       | 6.492        | 6.594      | BB       | 497075         | 4805727      | 52.13%         | 2.639%        |
| 6         | 7.177       | 7.129        | 7.244      | BB       | 515802         | 5022984      | 54.49%         | 2.758%        |
| 7         | 8.346       | 8.284        | 8.389      | BB       | 461357         | 4731757      | 51.33%         | 2.598%        |
| 8         | 8.463       | 8.395        | 8.514      | BB       | 564669         | 5459385      | 59.22%         | 2.998%        |
| 9         | 8.761       | 8.720        | 8.800      | BB       | 542154         | 5456151      | 59.19%         | 2.996%        |
| 10        | 9.545       | 9.482        | 9.612      | BB       | 536349         | 5452791      | 59.15%         | 2.994%        |
| 11        | 9.948       | 9.880        | 9.994      | BB       | 424887         | 4604180      | 49.95%         | 2.528%        |
| 12        | 10.950      | 10.865       | 10.984     | BV       | 480768         | 5213621      | 56.56%         | 2.863%        |
| 13        | 11.026      | 10.984       | 11.050     | PBA      | 479672         | 5090256      | 55.22%         | 2.795%        |
| 14        | 11.392      | 11.344       | 11.442     | BB       | 401154         | 4523772      | 49.07%         | 2.484%        |
| 15        | 11.717      | 11.659       | 11.767     | BB       | 441321         | 4699254      | 50.98%         | 2.580%        |
| 16        | 12.704      | 12.634       | 12.735     | BV       | 394396         | 4587114      | 49.76%         | 2.519%        |
| 17        | 12.774      | 12.735       | 12.805     | VB       | 448902         | 5138770      | 55.75%         | 2.822%        |
| 18        | 13.074      | 13.000       | 13.102     | BV       | 451037         | 5042745      | 54.70%         | 2.769%        |
| 19        | 13.149      | 13.102       | 13.207     | VB       | 297289         | 3570961      | 38.74%         | 1.961%        |
| 20        | 13.316      | 13.249       | 13.367     | BB       | 359363         | 4379181      | 47.51%         | 2.405%        |
| 21        | 13.904      | 13.832       | 13.954     | BB       | 359646         | 4349629      | 47.18%         | 2.388%        |
| 22        | 14.955      | 14.887       | 14.975     | BV       | 360967         | 4988008      | 54.11%         | 2.739%        |
| 23        | 15.002      | 14.975       | 15.064     | VB       | 670391         | 9218335      | 100.00%        | 5.062%        |
| 24        | 16.033      | 15.990       | 16.079     | BB       | 332697         | 4272318      | 46.35%         | 2.346%        |
| 25        | 16.516      | 16.439       | 16.531     | BV       | 359008         | 5168575      | 56.07%         | 2.838%        |
| 26        | 16.550      | 16.531       | 16.595     | VBA      | 413015         | 5124368      | 55.59%         | 2.814%        |
| 27        | 16.898      | 16.820       | 16.940     | BV       | 376613         | 5000014      | 54.24%         | 2.745%        |
| 28        | 16.981      | 16.940       | 17.039     | VB       | 328203         | 4352362      | 47.21%         | 2.390%        |
| 29        | 17.873      | 17.807       | 17.922     | BB       | 301125         | 4366947      | 47.37%         | 2.398%        |
| 30        | 18.275      | 18.190       | 18.286     | M        | 347716         | 5187813      | 56.28%         | 2.849%        |
| 31        | 18.313      | 18.287       | 18.371     | M        | 356662         | 5008041      | 54.33%         | 2.750%        |
| 32        | 18.533      | 18.455       | 18.602     | BB       | 345935         | 5058792      | 54.88%         | 2.778%        |
| 33        | 18.706      | 18.629       | 18.767     | BB       | 317624         | 4374904      | 47.46%         | 2.402%        |
| 34        | 19.491      | 19.440       | 19.544     | BB       | 333601         | 4456102      | 48.34%         | 2.447%        |
| 35        | 20.233      | 20.180       | 20.284     | BB       | 286079         | 4352914      | 47.22%         | 2.390%        |
| 36        | 21.010      | 20.930       | 21.085     | BB       | 243515         | 4469945      | 48.49%         | 2.454%        |

37 21.990 21.895 22.087 BB 188046 4656084 50.51% 2.557%  
rteres  
Sum of corrected areas: 182122237

Aliphatic EPH 040925.M Fri May 02 04:29:53 2025

## Report of Analysis

|                    |                                    |                 |                      |
|--------------------|------------------------------------|-----------------|----------------------|
| Client:            | Walsh Construction Company II, LLC | Date Collected: |                      |
| Project:           | Walsh CO-032 Sampling              | Date Received:  |                      |
| Client Sample ID:  | MH-JJMS                            | SDG No.:        | Q1907                |
| Lab Sample ID:     | Q1917-01MS                         | Matrix:         | Solid                |
| Analytical Method: | NJEPH                              | % Solid:        | 88                   |
| Sample Wt/Vol:     | 30.06      Units:    g             | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                 | Test:           | EPH_NF               |
| Prep Method :      |                                    |                 |                      |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 05/01/25 08:45 | 05/01/25 16:33  | PB167819      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 38.4  |           | 1        | 1.34 | 2.27       | mg/kg             | FC068735.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 102   | E         | 1        | 1.03 | 4.53       | mg/kg             | FC068735.D |
| Total AliphaticEPH | Total AliphaticEPH | 141   |           |          | 2.37 | 6.80       | mg/kg             |            |
| Total EPH          | Total EPH          | 141   |           |          | 2.37 | 6.80       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

|                    |                                    |          |                 |         |
|--------------------|------------------------------------|----------|-----------------|---------|
| Client:            | Walsh Construction Company II, LLC |          | Date Collected: |         |
| Project:           | Walsh CO-032 Sampling              |          | Date Received:  |         |
| Client Sample ID:  | MH-JJMS                            |          | SDG No.:        | Q1907   |
| Lab Sample ID:     | Q1917-01MS                         |          | Matrix:         | Solid   |
| Analytical Method: | NJEPH                              |          | % Solid:        | 88      |
| Sample Wt/Vol:     | 30.06                              | Units: g | Final Vol:      | 2000 uL |
| Soil Aliquot Vol:  |                                    | uL       | Test:           | EPH_NF  |
| Prep Method :      |                                    |          |                 |         |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FC068735.D | 1         | 05/01/25    | 05/01/25        | PB167819      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 102   | E         | 1.03     | 4.53       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 38.4  |           | 1.34     | 2.27       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 28.9  |           | 40 - 140 | 58%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 27.2  |           | 40 - 140 | 54%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q1917-01MS | Acq On:            | 01 May 2025 16:33 |
| Client Sample ID: | MH-JJMS    | Operator:          | YP/AJ             |
| Data file:        | FC068735.D | Misc:              |                   |
| Instrument:       | FID_C      | ALS Vial:          | 16                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.343  | 6.644  | 21759021  | 206.674 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.645  | 10.046 | 30514729  | 298.221 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.047 | 13.414 | 36577899  | 370.16  | 300              | ug/ml |
| Aliphatic C21-C28         | 13.415 | 17.079 | 45245521  | 480.388 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.080 | 22.084 | 45595840  | 507.281 | 600              | ug/ml |
| Aliphatic EPH             | 3.343  | 22.084 | 179693010 | 1860    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.715 | 11.715 | 3466705   | 27.22   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.149 | 13.149 | 2687832   | 28.93   |                  | ug/ml |
| Aliphatic C9-C28          | 3.343  | 17.079 | 134097170 | 1360    | 1200             | ug/ml |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
 Data File : FC068735.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 May 2025 16:33  
 Operator : YP/AJ  
 Sample : Q1917-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 MH-JJMS

Integration File: autoint1.e  
 Quant Time: May 02 03:33:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 17:31:27 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units    |
|--------------------------------|--------|------------|---------------|
| -----                          |        |            |               |
| System Monitoring Compounds    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.715 | 3466705    | 27.224 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 54.45%        |
| 12) S 1-chlorooctadecane (S... | 13.149 | 2687832    | 28.934 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 57.87%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.447  | 3706565    | 35.192 ug/ml  |
| 2) T n-Decane (C10)            | 4.522  | 4100811    | 38.922 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.118  | 4834661    | 41.513 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.546  | 4274341    | 40.645 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.177  | 4512284    | 39.068 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.346  | 4506932    | 43.840 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.948  | 4678405    | 45.938 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.392 | 4716831    | 46.872 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.705 | 4805475    | 48.856 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.316 | 4588960    | 47.087 ug/ml  |
| 13) T n-Docosane (C22)         | 13.903 | 4560969    | 47.217 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.002 | 9640865    | 101.286 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.033 | 4478135    | 47.943 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.982 | 4533647    | 49.517 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.874 | 4552781    | 49.523 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.706 | 4534410    | 49.433 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.491 | 4583747    | 51.307 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.233 | 4390702    | 49.015 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.009 | 4305507    | 48.698 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.989 | 4199161    | 47.552 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

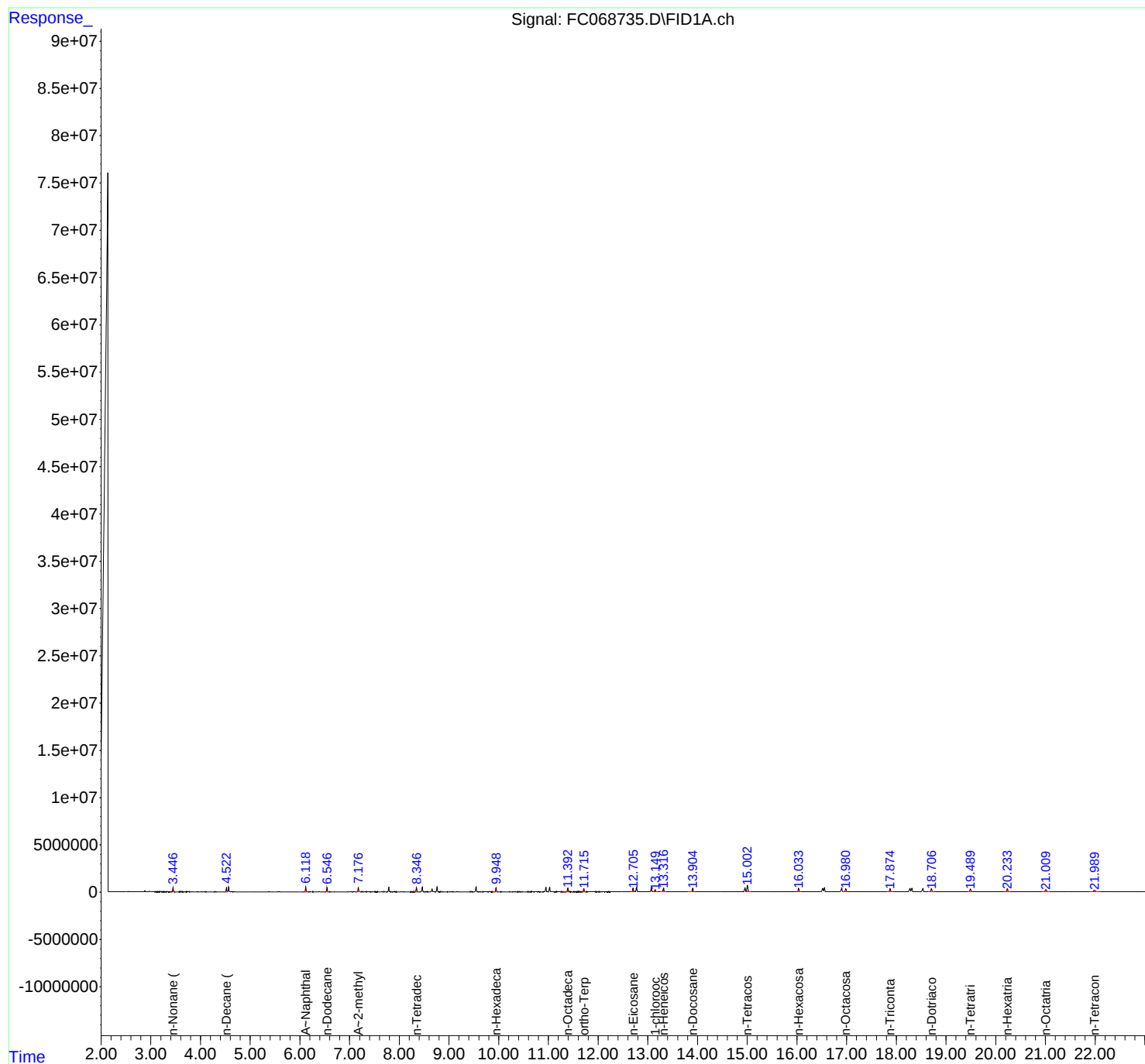
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
Data File : FC068735.D  
Signal(s) : FID1A.ch  
Acq On : 01 May 2025 16:33  
Operator : YP/AJ  
Sample : Q1917-01MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :  
MH-JJMS

Integration File: autoint1.e  
Quant Time: May 02 03:33:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 08 17:31:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um



rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
Data File : FC068735.D  
Signal(s) : FID1A.ch  
Acq On : 01 May 2025 16:33  
Sample : Q1917-01MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Title : GC Extractables

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.341       | 3.304        | 3.389      | PV       | 370            | 8023         | 0.08%          | 0.004%        |
| 2         | 3.447       | 3.413        | 3.491      | VV       | 448530         | 3708311      | 38.41%         | 1.995%        |
| 3         | 3.501       | 3.491        | 3.521      | VV       | 110            | 1119         | 0.01%          | 0.001%        |
| 4         | 3.528       | 3.521        | 3.538      | VV       | 89             | 553          | 0.01%          | 0.000%        |
| 5         | 3.596       | 3.538        | 3.616      | VV       | 580            | 9160         | 0.09%          | 0.005%        |
| 6         | 3.633       | 3.616        | 3.669      | VV       | 300            | 4992         | 0.05%          | 0.003%        |
| 7         | 3.694       | 3.669        | 3.706      | PV       | 332            | 3404         | 0.04%          | 0.002%        |
| 8         | 3.742       | 3.706        | 3.795      | VV       | 1281           | 22915        | 0.24%          | 0.012%        |
| 9         | 3.832       | 3.795        | 3.894      | VV       | 630            | 10003        | 0.10%          | 0.005%        |
| 10        | 3.904       | 3.894        | 3.913      | VV       | 134            | 960          | 0.01%          | 0.001%        |
| 11        | 3.931       | 3.913        | 3.992      | VV       | 474            | 10048        | 0.10%          | 0.005%        |
| 12        | 4.014       | 3.992        | 4.076      | VV       | 937            | 12358        | 0.13%          | 0.007%        |
| 13        | 4.093       | 4.076        | 4.114      | VV       | 820            | 8394         | 0.09%          | 0.005%        |
| 14        | 4.121       | 4.114        | 4.198      | VV       | 220            | 5786         | 0.06%          | 0.003%        |
| 15        | 4.220       | 4.198        | 4.248      | VV       | 164            | 2197         | 0.02%          | 0.001%        |
| 16        | 4.287       | 4.248        | 4.303      | VV       | 536            | 7588         | 0.08%          | 0.004%        |
| 17        | 4.315       | 4.303        | 4.394      | VV       | 216            | 9458         | 0.10%          | 0.005%        |
| 18        | 4.401       | 4.394        | 4.414      | VV       | 170            | 1480         | 0.02%          | 0.001%        |
| 19        | 4.432       | 4.414        | 4.437      | VV       | 126            | 1254         | 0.01%          | 0.001%        |
| 20        | 4.446       | 4.437        | 4.488      | VV       | 198            | 3613         | 0.04%          | 0.002%        |
| 21        | 4.522       | 4.488        | 4.544      | VV       | 462943         | 4104946      | 42.52%         | 2.208%        |
| 22        | 4.567       | 4.544        | 4.610      | VV       | 508332         | 4413823      | 45.72%         | 2.375%        |
| 23        | 4.628       | 4.610        | 4.651      | VV       | 4575           | 42971        | 0.45%          | 0.023%        |
| 24        | 4.675       | 4.651        | 4.711      | VV       | 7957           | 73933        | 0.77%          | 0.040%        |
| 25        | 4.729       | 4.711        | 4.760      | VV       | 164            | 4044         | 0.04%          | 0.002%        |
| 26        | 4.776       | 4.760        | 4.794      | VV       | 275            | 3222         | 0.03%          | 0.002%        |
| 27        | 4.808       | 4.794        | 4.840      | VV       | 266            | 3767         | 0.04%          | 0.002%        |
| 28        | 4.863       | 4.840        | 4.878      | VV       | 198            | 3006         | 0.03%          | 0.002%        |
| 29        | 4.902       | 4.878        | 4.924      | VV       | 148            | 2487         | 0.03%          | 0.001%        |
| 30        | 4.947       | 4.924        | 4.986      | VV       | 204            | 3057         | 0.03%          | 0.002%        |
| 31        | 5.014       | 4.986        | 5.088      | VV       | 194            | 6202         | 0.06%          | 0.003%        |
| 32        | 5.098       | 5.088        | 5.154      | PV       | 164            | 4192         | 0.04%          | 0.002%        |
| 33        | 5.172       | 5.154        | 5.214      | VV       | 158            | 3464         | 0.04%          | 0.002%        |
| 34        | 5.225       | 5.214        | 5.258      | VV       | 171            | 2928         | 0.03%          | 0.002%        |
| 35        | 5.265       | 5.258        | 5.301      | VV       | 170            | 2593         | 0.03%          | 0.001%        |
| 36        | 5.321       | 5.301        | 5.359      | VV       | 159            | 3193         | 0.03%          | 0.002%        |

|    |       |       |       |    | rteres |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 37 | 5.379 | 5.359 | 5.447 | VV | 1091   | 13727   | 0.14%  | 0.007% |
| 38 | 5.457 | 5.447 | 5.508 | VV | 154    | 2091    | 0.02%  | 0.001% |
| 39 | 5.517 | 5.508 | 5.528 | VV | 65     | 718     | 0.01%  | 0.000% |
| 40 | 5.561 | 5.528 | 5.575 | VV | 1273   | 12951   | 0.13%  | 0.007% |
| 41 | 5.589 | 5.575 | 5.653 | VV | 1405   | 16221   | 0.17%  | 0.009% |
| 42 | 5.668 | 5.653 | 5.781 | VV | 189    | 6276    | 0.07%  | 0.003% |
| 43 | 5.798 | 5.781 | 5.831 | VV | 123    | 1979    | 0.02%  | 0.001% |
| 44 | 5.937 | 5.831 | 5.980 | VV | 176    | 6535    | 0.07%  | 0.004% |
| 45 | 5.991 | 5.980 | 6.031 | VV | 88     | 1919    | 0.02%  | 0.001% |
| 46 | 6.049 | 6.031 | 6.058 | PV | 131    | 1465    | 0.02%  | 0.001% |
| 47 | 6.073 | 6.058 | 6.086 | VV | 189    | 2153    | 0.02%  | 0.001% |
| 48 | 6.118 | 6.086 | 6.154 | VV | 526812 | 4836572 | 50.10% | 2.602% |
| 49 | 6.162 | 6.154 | 6.191 | VV | 710    | 10636   | 0.11%  | 0.006% |
| 50 | 6.204 | 6.191 | 6.230 | VV | 391    | 6726    | 0.07%  | 0.004% |
| 51 | 6.261 | 6.230 | 6.326 | VV | 445    | 12365   | 0.13%  | 0.007% |
| 52 | 6.337 | 6.326 | 6.368 | VV | 198    | 3743    | 0.04%  | 0.002% |
| 53 | 6.390 | 6.368 | 6.411 | VV | 1242   | 14524   | 0.15%  | 0.008% |
| 54 | 6.421 | 6.411 | 6.462 | VV | 307    | 6832    | 0.07%  | 0.004% |
| 55 | 6.492 | 6.462 | 6.502 | VV | 219    | 4233    | 0.04%  | 0.002% |
| 56 | 6.546 | 6.502 | 6.591 | VV | 442764 | 4282625 | 44.36% | 2.304% |
| 57 | 6.615 | 6.591 | 6.642 | VV | 1080   | 13309   | 0.14%  | 0.007% |
| 58 | 6.651 | 6.642 | 6.676 | VV | 196    | 2939    | 0.03%  | 0.002% |
| 59 | 6.695 | 6.676 | 6.738 | VV | 435    | 6866    | 0.07%  | 0.004% |
| 60 | 6.746 | 6.738 | 6.784 | VV | 190    | 2740    | 0.03%  | 0.001% |
| 61 | 6.794 | 6.784 | 6.809 | VV | 134    | 1645    | 0.02%  | 0.001% |
| 62 | 6.829 | 6.809 | 6.864 | VV | 283    | 5156    | 0.05%  | 0.003% |
| 63 | 6.872 | 6.864 | 6.898 | VV | 157    | 2061    | 0.02%  | 0.001% |
| 64 | 6.942 | 6.898 | 6.952 | VV | 294    | 5232    | 0.05%  | 0.003% |
| 65 | 6.963 | 6.952 | 6.986 | VV | 311    | 4340    | 0.04%  | 0.002% |
| 66 | 7.016 | 6.986 | 7.054 | VV | 5189   | 49842   | 0.52%  | 0.027% |
| 67 | 7.082 | 7.054 | 7.122 | VV | 12479  | 120857  | 1.25%  | 0.065% |
| 68 | 7.177 | 7.122 | 7.263 | VV | 466464 | 4533661 | 46.96% | 2.439% |
| 69 | 7.277 | 7.263 | 7.294 | VV | 265    | 4077    | 0.04%  | 0.002% |
| 70 | 7.313 | 7.294 | 7.344 | VV | 1575   | 22036   | 0.23%  | 0.012% |
| 71 | 7.365 | 7.344 | 7.382 | VV | 2502   | 30160   | 0.31%  | 0.016% |
| 72 | 7.392 | 7.382 | 7.414 | VV | 1180   | 13826   | 0.14%  | 0.007% |
| 73 | 7.442 | 7.414 | 7.454 | VV | 1068   | 13697   | 0.14%  | 0.007% |
| 74 | 7.469 | 7.454 | 7.492 | VV | 1247   | 15009   | 0.16%  | 0.008% |
| 75 | 7.516 | 7.492 | 7.526 | VV | 458    | 5898    | 0.06%  | 0.003% |
| 76 | 7.539 | 7.526 | 7.554 | VV | 419    | 6201    | 0.06%  | 0.003% |
| 77 | 7.565 | 7.554 | 7.608 | VV | 378    | 6599    | 0.07%  | 0.004% |
| 78 | 7.650 | 7.608 | 7.673 | VV | 686    | 11055   | 0.11%  | 0.006% |
| 79 | 7.691 | 7.673 | 7.719 | VV | 308    | 6624    | 0.07%  | 0.004% |
| 80 | 7.885 | 7.856 | 7.913 | VV | 538    | 12852   | 0.13%  | 0.007% |
| 81 | 7.928 | 7.913 | 7.978 | VV | 436    | 10209   | 0.11%  | 0.005% |
| 82 | 7.984 | 7.978 | 8.016 | VV | 197    | 3748    | 0.04%  | 0.002% |
| 83 | 8.038 | 8.016 | 8.074 | VV | 628    | 10497   | 0.11%  | 0.006% |
| 84 | 8.094 | 8.074 | 8.141 | VV | 444    | 8785    | 0.09%  | 0.005% |
| 85 | 8.151 | 8.141 | 8.188 | VV | 171    | 3831    | 0.04%  | 0.002% |
| 86 | 8.230 | 8.188 | 8.271 | VV | 407    | 13559   | 0.14%  | 0.007% |
| 87 | 8.346 | 8.271 | 8.394 | VV | 454227 | 4522698 | 46.85% | 2.433% |
| 88 | 8.463 | 8.394 | 8.515 | VV | 518160 | 5157748 | 53.43% | 2.775% |
| 89 | 8.525 | 8.515 | 8.553 | VV | 256    | 4596    | 0.05%  | 0.002% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 8.574  | 8.553  | 8.605  | VV | 353    | 5912    | 0.06%  | 0.003% |
| 91  | 8.761  | 8.728  | 8.798  | VV | 517925 | 5233396 | 54.21% | 2.815% |
| 92  | 8.812  | 8.798  | 8.864  | VV | 424    | 8962    | 0.09%  | 0.005% |
| 93  | 8.878  | 8.864  | 8.917  | VV | 257    | 4100    | 0.04%  | 0.002% |
| 94  | 8.968  | 8.917  | 8.980  | VV | 278    | 5335    | 0.06%  | 0.003% |
| 95  | 8.997  | 8.980  | 9.011  | VV | 182    | 2572    | 0.03%  | 0.001% |
| 96  | 9.028  | 9.011  | 9.048  | VV | 809    | 8978    | 0.09%  | 0.005% |
| 97  | 9.064  | 9.048  | 9.137  | VV | 552    | 11272   | 0.12%  | 0.006% |
| 98  | 9.167  | 9.137  | 9.195  | VV | 784    | 11283   | 0.12%  | 0.006% |
| 99  | 9.203  | 9.195  | 9.241  | VV | 202    | 2781    | 0.03%  | 0.001% |
| 100 | 9.255  | 9.241  | 9.289  | VV | 91     | 1467    | 0.02%  | 0.001% |
| 101 | 9.318  | 9.289  | 9.334  | VV | 138    | 2237    | 0.02%  | 0.001% |
| 102 | 9.352  | 9.334  | 9.384  | VV | 139    | 2887    | 0.03%  | 0.002% |
| 103 | 9.424  | 9.384  | 9.444  | VV | 219    | 4575    | 0.05%  | 0.002% |
| 104 | 9.464  | 9.444  | 9.511  | VV | 258    | 5418    | 0.06%  | 0.003% |
| 105 | 9.545  | 9.511  | 9.575  | VV | 530845 | 5406043 | 56.00% | 2.908% |
| 106 | 9.584  | 9.575  | 9.618  | VV | 620    | 8451    | 0.09%  | 0.005% |
| 107 | 9.624  | 9.618  | 9.660  | VV | 178    | 3333    | 0.03%  | 0.002% |
| 108 | 9.686  | 9.660  | 9.701  | VV | 464    | 7202    | 0.07%  | 0.004% |
| 109 | 9.722  | 9.701  | 9.737  | VV | 1988   | 26565   | 0.28%  | 0.014% |
| 110 | 9.755  | 9.737  | 9.788  | VV | 8196   | 87730   | 0.91%  | 0.047% |
| 111 | 9.817  | 9.788  | 9.864  | VV | 33539  | 342578  | 3.55%  | 0.184% |
| 112 | 9.880  | 9.864  | 9.911  | VV | 576    | 7571    | 0.08%  | 0.004% |
| 113 | 9.947  | 9.911  | 10.017 | VV | 428021 | 4687645 | 48.56% | 2.522% |
| 114 | 10.036 | 10.017 | 10.128 | VV | 321    | 7392    | 0.08%  | 0.004% |
| 115 | 10.132 | 10.128 | 10.145 | VV | 102    | 411     | 0.00%  | 0.000% |
| 116 | 10.168 | 10.145 | 10.188 | PV | 86     | 1480    | 0.02%  | 0.001% |
| 117 | 10.227 | 10.188 | 10.242 | VV | 161    | 2664    | 0.03%  | 0.001% |
| 118 | 10.291 | 10.242 | 10.316 | VV | 1239   | 14945   | 0.15%  | 0.008% |
| 119 | 10.335 | 10.316 | 10.368 | VV | 211    | 4168    | 0.04%  | 0.002% |
| 120 | 10.388 | 10.368 | 10.421 | VV | 243    | 4670    | 0.05%  | 0.003% |
| 121 | 10.464 | 10.421 | 10.524 | VV | 233    | 6863    | 0.07%  | 0.004% |
| 122 | 10.589 | 10.524 | 10.598 | VV | 210    | 5521    | 0.06%  | 0.003% |
| 123 | 10.622 | 10.598 | 10.627 | VV | 189    | 2767    | 0.03%  | 0.001% |
| 124 | 10.645 | 10.627 | 10.660 | VV | 275    | 4175    | 0.04%  | 0.002% |
| 125 | 10.682 | 10.660 | 10.706 | VV | 1010   | 13113   | 0.14%  | 0.007% |
| 126 | 10.738 | 10.706 | 10.807 | VV | 11135  | 161023  | 1.67%  | 0.087% |
| 127 | 10.824 | 10.807 | 10.858 | VV | 226    | 3193    | 0.03%  | 0.002% |
| 128 | 10.951 | 10.858 | 10.987 | PV | 491189 | 5392747 | 55.86% | 2.901% |
| 129 | 11.027 | 10.987 | 11.077 | VV | 494219 | 5306807 | 54.97% | 2.855% |
| 130 | 11.098 | 11.077 | 11.140 | VV | 985    | 16415   | 0.17%  | 0.009% |
| 131 | 11.193 | 11.140 | 11.211 | VV | 1087   | 17269   | 0.18%  | 0.009% |
| 132 | 11.229 | 11.211 | 11.292 | VV | 3585   | 42787   | 0.44%  | 0.023% |
| 133 | 11.319 | 11.292 | 11.339 | VV | 462    | 7235    | 0.07%  | 0.004% |
| 134 | 11.392 | 11.339 | 11.431 | VV | 407248 | 4715711 | 48.85% | 2.537% |
| 135 | 11.465 | 11.431 | 11.512 | VV | 629    | 10977   | 0.11%  | 0.006% |
| 136 | 11.551 | 11.512 | 11.571 | VV | 214    | 3822    | 0.04%  | 0.002% |
| 137 | 11.581 | 11.571 | 11.639 | VV | 139    | 2835    | 0.03%  | 0.002% |
| 138 | 11.655 | 11.639 | 11.665 | PV | 139    | 1186    | 0.01%  | 0.001% |
| 139 | 11.715 | 11.665 | 11.764 | VV | 334972 | 3471608 | 35.96% | 1.868% |
| 140 | 11.806 | 11.764 | 11.831 | VV | 2189   | 31797   | 0.33%  | 0.017% |
| 141 | 11.844 | 11.831 | 11.860 | VV | 949    | 11953   | 0.12%  | 0.006% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 11.875 | 11.860 | 11.909 | VV | 1029   | 18327   | 0.19%   | 0.010% |
| 143 | 11.924 | 11.909 | 11.954 | VV | 517    | 7622    | 0.08%   | 0.004% |
| 144 | 11.968 | 11.954 | 11.973 | VV | 130    | 1072    | 0.01%   | 0.001% |
| 145 | 11.992 | 11.973 | 12.038 | VV | 411    | 7145    | 0.07%   | 0.004% |
| 146 | 12.064 | 12.038 | 12.088 | VV | 365    | 6944    | 0.07%   | 0.004% |
| 147 | 12.107 | 12.088 | 12.129 | VV | 365    | 5365    | 0.06%   | 0.003% |
| 148 | 12.151 | 12.129 | 12.203 | VV | 281    | 6531    | 0.07%   | 0.004% |
| 149 | 12.308 | 12.203 | 12.381 | VV | 19898  | 291138  | 3.02%   | 0.157% |
| 150 | 12.394 | 12.381 | 12.411 | VV | 1424   | 22491   | 0.23%   | 0.012% |
| 151 | 12.422 | 12.411 | 12.478 | VV | 1130   | 32851   | 0.34%   | 0.018% |
| 152 | 12.492 | 12.478 | 12.503 | VV | 769    | 10558   | 0.11%   | 0.006% |
| 153 | 12.542 | 12.503 | 12.583 | VV | 2438   | 54788   | 0.57%   | 0.029% |
| 154 | 12.593 | 12.583 | 12.605 | VV | 381    | 4445    | 0.05%   | 0.002% |
| 155 | 12.645 | 12.605 | 12.668 | VV | 786    | 18372   | 0.19%   | 0.010% |
| 156 | 12.705 | 12.668 | 12.736 | VV | 400772 | 4817562 | 49.90%  | 2.592% |
| 157 | 12.774 | 12.736 | 12.852 | VV | 477448 | 5460581 | 56.57%  | 2.938% |
| 158 | 12.868 | 12.852 | 12.891 | VV | 311    | 5648    | 0.06%   | 0.003% |
| 159 | 12.908 | 12.891 | 12.930 | VV | 335    | 6193    | 0.06%   | 0.003% |
| 160 | 12.955 | 12.930 | 13.018 | VV | 5750   | 75877   | 0.79%   | 0.041% |
| 161 | 13.074 | 13.018 | 13.101 | VV | 479384 | 5318628 | 55.10%  | 2.861% |
| 162 | 13.149 | 13.101 | 13.227 | VV | 224059 | 2705429 | 28.03%  | 1.455% |
| 163 | 13.261 | 13.227 | 13.276 | VV | 429    | 9147    | 0.09%   | 0.005% |
| 164 | 13.316 | 13.276 | 13.384 | VV | 388480 | 4603933 | 47.69%  | 2.477% |
| 165 | 13.407 | 13.384 | 13.423 | VV | 293    | 6147    | 0.06%   | 0.003% |
| 166 | 13.434 | 13.423 | 13.454 | VV | 260    | 4288    | 0.04%   | 0.002% |
| 167 | 13.462 | 13.454 | 13.471 | VV | 279    | 2464    | 0.03%   | 0.001% |
| 168 | 13.594 | 13.471 | 13.648 | VV | 749    | 59784   | 0.62%   | 0.032% |
| 169 | 13.657 | 13.648 | 13.674 | VV | 648    | 9531    | 0.10%   | 0.005% |
| 170 | 13.691 | 13.674 | 13.721 | VV | 861    | 18433   | 0.19%   | 0.010% |
| 171 | 13.743 | 13.721 | 13.801 | VV | 1018   | 26981   | 0.28%   | 0.015% |
| 172 | 13.808 | 13.801 | 13.827 | VV | 422    | 5865    | 0.06%   | 0.003% |
| 173 | 13.852 | 13.827 | 13.868 | VV | 768    | 13332   | 0.14%   | 0.007% |
| 174 | 13.903 | 13.868 | 13.945 | VV | 372176 | 4569662 | 47.34%  | 2.458% |
| 175 | 13.954 | 13.945 | 14.055 | VV | 351    | 15342   | 0.16%   | 0.008% |
| 176 | 14.078 | 14.055 | 14.114 | VV | 613    | 10528   | 0.11%   | 0.006% |
| 177 | 14.121 | 14.114 | 14.131 | VV | 155    | 1525    | 0.02%   | 0.001% |
| 178 | 14.137 | 14.131 | 14.210 | VV | 217    | 5279    | 0.05%   | 0.003% |
| 179 | 14.223 | 14.210 | 14.248 | VV | 137    | 2235    | 0.02%   | 0.001% |
| 180 | 14.254 | 14.248 | 14.262 | VV | 119    | 1159    | 0.01%   | 0.001% |
| 181 | 14.293 | 14.262 | 14.318 | VV | 515    | 10108   | 0.10%   | 0.005% |
| 182 | 14.340 | 14.318 | 14.441 | VV | 668    | 16162   | 0.17%   | 0.009% |
| 183 | 14.465 | 14.441 | 14.491 | VV | 426    | 6363    | 0.07%   | 0.003% |
| 184 | 14.498 | 14.491 | 14.521 | VV | 146    | 1984    | 0.02%   | 0.001% |
| 185 | 14.541 | 14.521 | 14.556 | VV | 189    | 2700    | 0.03%   | 0.001% |
| 186 | 14.594 | 14.556 | 14.612 | VV | 192    | 4497    | 0.05%   | 0.002% |
| 187 | 14.628 | 14.612 | 14.650 | VV | 128    | 1779    | 0.02%   | 0.001% |
| 188 | 14.685 | 14.650 | 14.774 | PV | 280    | 6250    | 0.06%   | 0.003% |
| 189 | 14.788 | 14.774 | 14.821 | VV | 136    | 2814    | 0.03%   | 0.002% |
| 190 | 14.849 | 14.821 | 14.911 | VV | 288    | 7558    | 0.08%   | 0.004% |
| 191 | 14.955 | 14.911 | 14.975 | VV | 399908 | 5229943 | 54.18%  | 2.814% |
| 192 | 15.002 | 14.975 | 15.086 | VV | 718687 | 9653511 | 100.00% | 5.193% |
| 193 | 15.107 | 15.086 | 15.164 | VV | 336    | 9265    | 0.10%   | 0.005% |
| 194 | 15.185 | 15.164 | 15.288 | VV | 1411   | 27016   | 0.28%   | 0.015% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 15.300 | 15.288 | 15.312 | VV | 105    | 1238    | 0.01%  | 0.001% |
| 196 | 15.322 | 15.312 | 15.343 | VV | 95     | 1685    | 0.02%  | 0.001% |
| 197 | 15.381 | 15.343 | 15.461 | VV | 12595  | 193806  | 2.01%  | 0.104% |
| 198 | 15.475 | 15.461 | 15.500 | VV | 369    | 6396    | 0.07%  | 0.003% |
| 199 | 15.525 | 15.500 | 15.563 | VV | 1076   | 18878   | 0.20%  | 0.010% |
| 200 | 15.608 | 15.563 | 15.681 | PV | 1441   | 24984   | 0.26%  | 0.013% |
| 201 | 15.695 | 15.681 | 15.734 | VV | 100    | 1770    | 0.02%  | 0.001% |
| 202 | 15.756 | 15.734 | 15.769 | VV | 188    | 2125    | 0.02%  | 0.001% |
| 203 | 15.794 | 15.769 | 15.825 | VV | 204    | 3859    | 0.04%  | 0.002% |
| 204 | 15.861 | 15.825 | 15.883 | VV | 1035   | 14310   | 0.15%  | 0.008% |
| 205 | 15.905 | 15.883 | 15.969 | VV | 400    | 10308   | 0.11%  | 0.006% |
| 206 | 16.033 | 15.969 | 16.086 | VV | 354621 | 4492895 | 46.54% | 2.417% |
| 207 | 16.099 | 16.086 | 16.115 | VV | 151    | 1997    | 0.02%  | 0.001% |
| 208 | 16.123 | 16.115 | 16.134 | VV | 161    | 830     | 0.01%  | 0.000% |
| 209 | 16.160 | 16.134 | 16.181 | PV | 118    | 2021    | 0.02%  | 0.001% |
| 210 | 16.202 | 16.181 | 16.215 | VV | 426    | 5534    | 0.06%  | 0.003% |
| 211 | 16.236 | 16.215 | 16.278 | VV | 1022   | 15099   | 0.16%  | 0.008% |
| 212 | 16.333 | 16.278 | 16.354 | PV | 232    | 6202    | 0.06%  | 0.003% |
| 213 | 16.400 | 16.354 | 16.443 | VV | 1166   | 25773   | 0.27%  | 0.014% |
| 214 | 16.516 | 16.443 | 16.532 | VV | 366950 | 5432827 | 56.28% | 2.923% |
| 215 | 16.553 | 16.532 | 16.581 | VV | 441426 | 5355638 | 55.48% | 2.881% |
| 216 | 16.593 | 16.581 | 16.621 | VV | 1400   | 21878   | 0.23%  | 0.012% |
| 217 | 16.644 | 16.621 | 16.687 | VV | 384    | 11410   | 0.12%  | 0.006% |
| 218 | 16.705 | 16.687 | 16.730 | VV | 227    | 4647    | 0.05%  | 0.003% |
| 219 | 16.759 | 16.730 | 16.801 | VV | 2895   | 40625   | 0.42%  | 0.022% |
| 220 | 16.828 | 16.801 | 16.845 | VV | 374    | 7107    | 0.07%  | 0.004% |
| 221 | 16.900 | 16.845 | 16.936 | VV | 397918 | 5219667 | 54.07% | 2.808% |
| 222 | 16.982 | 16.936 | 17.017 | VV | 331330 | 4563803 | 47.28% | 2.455% |
| 223 | 17.031 | 17.017 | 17.108 | VV | 1793   | 31851   | 0.33%  | 0.017% |
| 224 | 17.120 | 17.108 | 17.152 | VV | 177    | 2386    | 0.02%  | 0.001% |
| 225 | 17.178 | 17.152 | 17.200 | PV | 172    | 2568    | 0.03%  | 0.001% |
| 226 | 17.227 | 17.200 | 17.244 | VV | 255    | 4097    | 0.04%  | 0.002% |
| 227 | 17.248 | 17.244 | 17.284 | VV | 186    | 2276    | 0.02%  | 0.001% |
| 228 | 17.344 | 17.284 | 17.392 | VV | 612    | 18215   | 0.19%  | 0.010% |
| 229 | 17.429 | 17.392 | 17.462 | VV | 1769   | 29366   | 0.30%  | 0.016% |
| 230 | 17.488 | 17.462 | 17.501 | VV | 235    | 3660    | 0.04%  | 0.002% |
| 231 | 17.517 | 17.501 | 17.538 | VV | 347    | 5754    | 0.06%  | 0.003% |
| 232 | 17.556 | 17.538 | 17.571 | VV | 235    | 3559    | 0.04%  | 0.002% |
| 233 | 17.581 | 17.571 | 17.589 | VV | 234    | 2230    | 0.02%  | 0.001% |
| 234 | 17.596 | 17.589 | 17.626 | VV | 204    | 2928    | 0.03%  | 0.002% |
| 235 | 17.660 | 17.626 | 17.691 | VV | 209    | 4339    | 0.04%  | 0.002% |
| 236 | 17.762 | 17.691 | 17.793 | PV | 3686   | 57672   | 0.60%  | 0.031% |
| 237 | 17.874 | 17.793 | 17.928 | VV | 323950 | 4561550 | 47.25% | 2.454% |
| 238 | 17.961 | 17.928 | 17.990 | VV | 777    | 11175   | 0.12%  | 0.006% |
| 239 | 18.032 | 17.990 | 18.078 | VV | 314    | 8095    | 0.08%  | 0.004% |
| 240 | 18.112 | 18.078 | 18.178 | VV | 262    | 4898    | 0.05%  | 0.003% |
| 241 | 18.274 | 18.178 | 18.290 | PV | 357640 | 5723026 | 59.28% | 3.079% |
| 242 | 18.312 | 18.290 | 18.372 | VV | 388209 | 5109939 | 52.93% | 2.749% |
| 243 | 18.391 | 18.372 | 18.473 | VV | 936    | 34278   | 0.36%  | 0.018% |
| 244 | 18.534 | 18.473 | 18.624 | VV | 352022 | 5282972 | 54.73% | 2.842% |
| 245 | 18.647 | 18.624 | 18.657 | VV | 543    | 8148    | 0.08%  | 0.004% |
| 246 | 18.706 | 18.657 | 18.752 | VV | 315434 | 4547980 | 47.11% | 2.447% |

|     |        |        |        |    |                         |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
|     |        |        |        |    |                         | rteres  |           |        |
| 247 | 18.803 | 18.752 | 18.844 | VV | 740                     | 22904   | 0.24%     | 0.012% |
| 248 | 18.867 | 18.844 | 18.900 | VV | 612                     | 13590   | 0.14%     | 0.007% |
| 249 | 18.911 | 18.900 | 18.926 | VV | 287                     | 4063    | 0.04%     | 0.002% |
| 250 | 18.982 | 18.926 | 19.014 | VV | 415                     | 15161   | 0.16%     | 0.008% |
| 251 | 19.054 | 19.014 | 19.083 | VV | 4060                    | 89034   | 0.92%     | 0.048% |
| 252 | 19.100 | 19.083 | 19.162 | VV | 2358                    | 58519   | 0.61%     | 0.031% |
| 253 | 19.196 | 19.162 | 19.257 | VV | 692                     | 30840   | 0.32%     | 0.017% |
| 254 | 19.299 | 19.257 | 19.325 | VV | 852                     | 24370   | 0.25%     | 0.013% |
| 255 | 19.357 | 19.325 | 19.389 | VV | 653                     | 20473   | 0.21%     | 0.011% |
| 256 | 19.402 | 19.389 | 19.428 | VV | 583                     | 12517   | 0.13%     | 0.007% |
| 257 | 19.490 | 19.428 | 19.533 | VV | 297525                  | 4621011 | 47.87%    | 2.486% |
| 258 | 19.594 | 19.533 | 19.621 | VV | 1301                    | 53058   | 0.55%     | 0.029% |
| 259 | 19.668 | 19.621 | 19.694 | VV | 1333                    | 46618   | 0.48%     | 0.025% |
| 260 | 19.769 | 19.694 | 19.811 | VV | 1677                    | 79772   | 0.83%     | 0.043% |
| 261 | 19.862 | 19.811 | 19.888 | VV | 2563                    | 84930   | 0.88%     | 0.046% |
| 262 | 19.912 | 19.888 | 19.941 | VV | 1460                    | 44442   | 0.46%     | 0.024% |
| 263 | 19.961 | 19.941 | 19.991 | VV | 1699                    | 45608   | 0.47%     | 0.025% |
| 264 | 20.027 | 19.991 | 20.062 | VV | 2109                    | 78431   | 0.81%     | 0.042% |
| 265 | 20.093 | 20.062 | 20.105 | VV | 2289                    | 52427   | 0.54%     | 0.028% |
| 266 | 20.133 | 20.105 | 20.167 | VV | 3145                    | 91883   | 0.95%     | 0.049% |
| 267 | 20.233 | 20.167 | 20.291 | VV | 314269                  | 4549335 | 47.13%    | 2.447% |
| 268 | 20.369 | 20.291 | 20.434 | VV | 4775                    | 246151  | 2.55%     | 0.132% |
| 269 | 20.472 | 20.434 | 20.521 | VV | 2661                    | 126202  | 1.31%     | 0.068% |
| 270 | 20.594 | 20.521 | 20.669 | VV | 3309                    | 232504  | 2.41%     | 0.125% |
| 271 | 20.707 | 20.669 | 20.738 | VV | 2517                    | 99842   | 1.03%     | 0.054% |
| 272 | 20.746 | 20.738 | 20.763 | VV | 2289                    | 33442   | 0.35%     | 0.018% |
| 273 | 20.790 | 20.763 | 20.851 | VV | 2285                    | 112783  | 1.17%     | 0.061% |
| 274 | 20.859 | 20.851 | 20.869 | VV | 2012                    | 21386   | 0.22%     | 0.012% |
| 275 | 20.887 | 20.869 | 20.947 | VV | 2054                    | 91517   | 0.95%     | 0.049% |
| 276 | 21.009 | 20.947 | 21.152 | VV | 227994                  | 4514902 | 46.77%    | 2.429% |
| 277 | 21.169 | 21.152 | 21.252 | VV | 1556                    | 87130   | 0.90%     | 0.047% |
| 278 | 21.261 | 21.252 | 21.298 | VV | 1335                    | 34924   | 0.36%     | 0.019% |
| 279 | 21.309 | 21.298 | 21.314 | VV | 1210                    | 11304   | 0.12%     | 0.006% |
| 280 | 21.327 | 21.314 | 21.398 | VV | 1327                    | 58788   | 0.61%     | 0.032% |
| 281 | 21.462 | 21.398 | 21.584 | VV | 1596                    | 123404  | 1.28%     | 0.066% |
| 282 | 21.598 | 21.584 | 21.713 | VV | 876                     | 58222   | 0.60%     | 0.031% |
| 283 | 21.727 | 21.713 | 21.761 | VV | 625                     | 15900   | 0.16%     | 0.009% |
| 284 | 21.806 | 21.761 | 21.816 | VV | 594                     | 17861   | 0.19%     | 0.010% |
| 285 | 21.834 | 21.816 | 21.868 | VV | 599                     | 15231   | 0.16%     | 0.008% |
| 286 | 21.880 | 21.868 | 21.901 | VV | 402                     | 5665    | 0.06%     | 0.003% |
| 287 | 21.989 | 21.901 | 22.141 | VV | 168230                  | 4218585 | 43.70%    | 2.270% |
|     |        |        |        |    | Sum of corrected areas: |         | 185878068 |        |

Aliphatic EPH 040925.M Fri May 02 04:35:59 2025

## Report of Analysis

|                    |                                    |                 |                      |
|--------------------|------------------------------------|-----------------|----------------------|
| Client:            | Walsh Construction Company II, LLC | Date Collected: |                      |
| Project:           | Walsh CO-032 Sampling              | Date Received:  |                      |
| Client Sample ID:  | MH-JJMSD                           | SDG No.:        | Q1907                |
| Lab Sample ID:     | Q1917-01MSD                        | Matrix:         | Solid                |
| Analytical Method: | NJEPH                              | % Solid:        | 88                   |
| Sample Wt/Vol:     | 30.05      Units:    g             | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                 | Test:           | EPH_NF               |
| Prep Method :      |                                    |                 |                      |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 05/01/25 08:45 | 05/01/25 17:10  | PB167819      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 37.9  |           | 1        | 1.34 | 2.27       | mg/kg             | FC068736.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 99.3  | E         | 1        | 1.03 | 4.53       | mg/kg             | FC068736.D |
| Total AliphaticEPH | Total AliphaticEPH | 137   |           |          | 2.37 | 6.80       | mg/kg             |            |
| Total EPH          | Total EPH          | 137   |           |          | 2.37 | 6.80       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

|                    |                                    |                 |                      |
|--------------------|------------------------------------|-----------------|----------------------|
| Client:            | Walsh Construction Company II, LLC | Date Collected: |                      |
| Project:           | Walsh CO-032 Sampling              | Date Received:  |                      |
| Client Sample ID:  | MH-JJMSD                           | SDG No.:        | Q1907                |
| Lab Sample ID:     | Q1917-01MSD                        | Matrix:         | Solid                |
| Analytical Method: | NJEPH                              | % Solid:        | 88                   |
| Sample Wt/Vol:     | 30.05      Units:    g             | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                 | Test:           | EPH_NF               |
| Prep Method :      |                                    |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FC068736.D | 1         | 05/01/25    | 05/01/25        | PB167819      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 99.3  | E         | 1.03     | 4.53       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 37.9  |           | 1.34     | 2.27       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 27.9  |           | 40 - 140 | 56%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 26.4  |           | 40 - 140 | 53%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |             |                    |                   |
|-------------------|-------------|--------------------|-------------------|
| Lab Sample ID:    | Q1917-01MSD | Acq On:            | 01 May 2025 17:10 |
| Client Sample ID: | MH-JJMSD    | Operator:          | YP/AJ             |
| Data file:        | FC068736.D  | Misc:              |                   |
| Instrument:       | FID_C       | ALS Vial:          | 17                |
| Dilution Factor:  | 1           | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.343  | 6.644  | 20739380  | 196.989 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.645  | 10.046 | 29226704  | 285.633 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.047 | 13.414 | 35434163  | 358.585 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.415 | 17.079 | 44416944  | 471.591 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.080 | 22.084 | 45022213  | 500.899 | 600              | ug/ml |
| Aliphatic EPH             | 3.343  | 22.084 | 174839404 | 1810    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.715 | 11.715 | 3357446   | 26.37   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.148 | 13.148 | 2593838   | 27.92   |                  | ug/ml |
| Aliphatic C9-C28          | 3.343  | 17.079 | 129817191 | 1310    | 1200             | ug/ml |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
 Data File : FC068736.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 May 2025 17:10  
 Operator : YP/AJ  
 Sample : Q1917-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 MH-JJMSD

Integration File: autoint1.e  
 Quant Time: May 02 03:34:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 17:31:27 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.715 | 3357446    | 26.366 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 52.73%       |
| 12) S 1-chlorooctadecane (S... | 13.148 | 2593838    | 27.923 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 55.85%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.446  | 3535685    | 33.570 ug/ml |
| 2) T n-Decane (C10)            | 4.522  | 3900240    | 37.018 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.118  | 4647732    | 39.908 ug/ml |
| 4) T n-Dodecane (C12)          | 6.547  | 4049761    | 38.509 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.177  | 4341241    | 37.587 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.346  | 4263632    | 41.473 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.948  | 4426243    | 43.462 ug/ml |
| 8) T n-Octadecane (C18)        | 11.392 | 4477987    | 44.498 ug/ml |
| 10) T n-Eicosane (C20)         | 12.704 | 4601227    | 46.779 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.316 | 4404753    | 45.197 ug/ml |
| 13) T n-Docosane (C22)         | 13.904 | 4394646    | 45.496 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.003 | 9441441    | 99.191 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.033 | 4363451    | 46.716 ug/ml |
| 16) T n-Octacosane (C28)       | 16.983 | 4426505    | 48.347 ug/ml |
| 17) T n-Tricontane (C30)       | 17.874 | 4452739    | 48.435 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.706 | 4441420    | 48.419 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.492 | 4488806    | 50.245 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.232 | 4301382    | 48.018 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.010 | 4216745    | 47.694 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.990 | 4105555    | 46.492 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

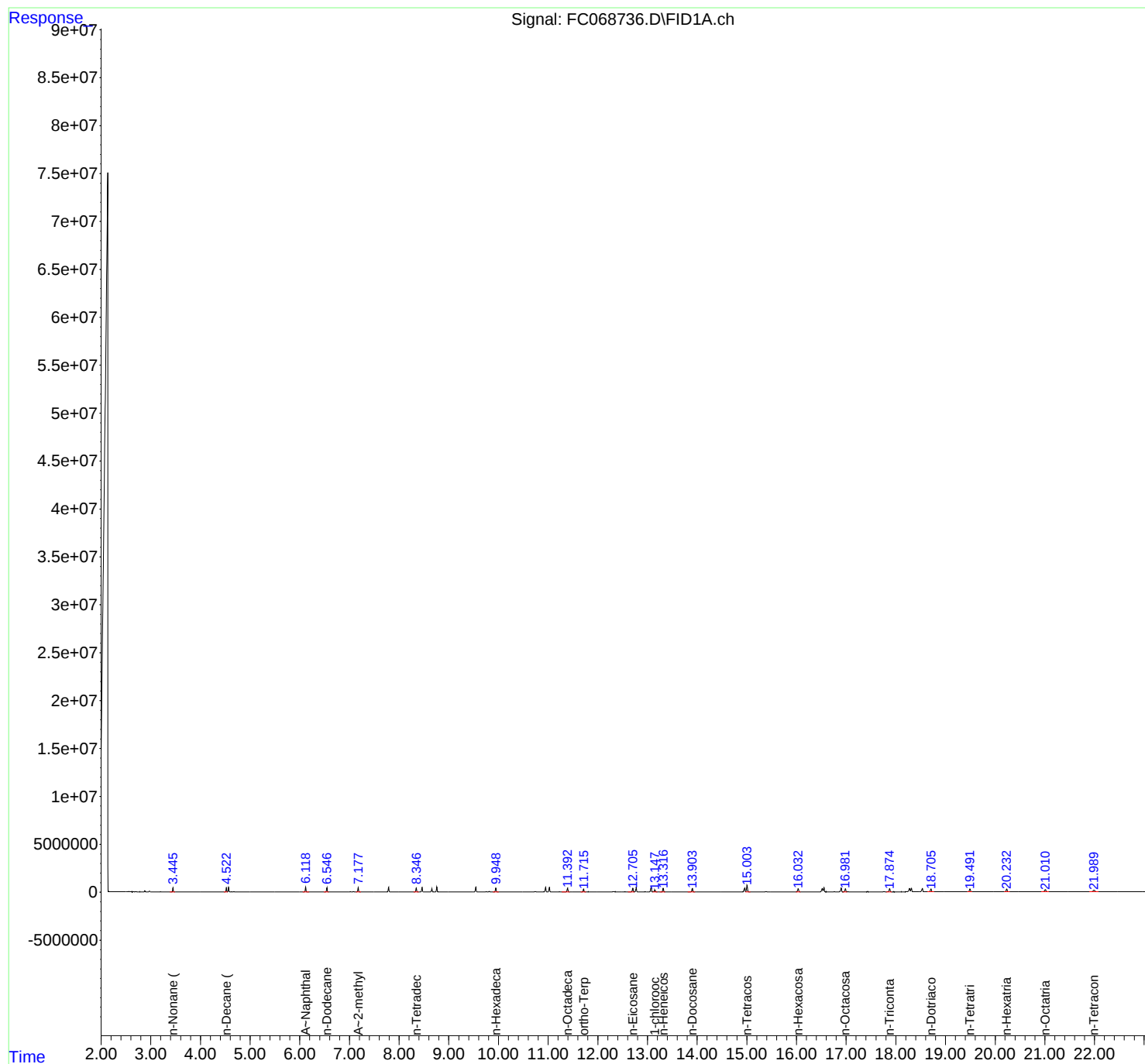
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
Data File : FC068736.D  
Signal(s) : FID1A.ch  
Acq On : 01 May 2025 17:10  
Operator : YP/AJ  
Sample : Q1917-01MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :  
MH-JJMSD

Integration File: autoint1.e  
Quant Time: May 02 03:34:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 08 17:31:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um



rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
 Data File : FC068736.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 May 2025 17:10  
 Sample : Q1917-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Title : GC Extractables

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.343       | 3.304        | 3.418      | PV       | 292            | 6651         | 0.07%          | 0.004%        |
| 2         | 3.446       | 3.418        | 3.487      | PV       | 425675         | 3536333      | 37.41%         | 1.956%        |
| 3         | 3.501       | 3.487        | 3.543      | VV       | 132            | 2047         | 0.02%          | 0.001%        |
| 4         | 3.576       | 3.543        | 3.583      | PV       | 267            | 3130         | 0.03%          | 0.002%        |
| 5         | 3.596       | 3.583        | 3.614      | VV       | 575            | 5186         | 0.05%          | 0.003%        |
| 6         | 3.650       | 3.614        | 3.681      | VV       | 235            | 5010         | 0.05%          | 0.003%        |
| 7         | 3.693       | 3.681        | 3.705      | PV       | 326            | 2871         | 0.03%          | 0.002%        |
| 8         | 3.742       | 3.705        | 3.814      | VV       | 1085           | 23800        | 0.25%          | 0.013%        |
| 9         | 3.832       | 3.814        | 3.849      | VV       | 521            | 5562         | 0.06%          | 0.003%        |
| 10        | 3.863       | 3.849        | 3.901      | VV       | 86             | 1862         | 0.02%          | 0.001%        |
| 11        | 3.930       | 3.901        | 3.991      | VV       | 429            | 8347         | 0.09%          | 0.005%        |
| 12        | 4.013       | 3.991        | 4.066      | PV       | 802            | 9971         | 0.11%          | 0.006%        |
| 13        | 4.092       | 4.066        | 4.111      | VV       | 839            | 7600         | 0.08%          | 0.004%        |
| 14        | 4.125       | 4.111        | 4.198      | VV       | 244            | 3832         | 0.04%          | 0.002%        |
| 15        | 4.220       | 4.198        | 4.249      | VV       | 126            | 1832         | 0.02%          | 0.001%        |
| 16        | 4.287       | 4.249        | 4.305      | PV       | 448            | 6027         | 0.06%          | 0.003%        |
| 17        | 4.319       | 4.305        | 4.398      | VV       | 243            | 5994         | 0.06%          | 0.003%        |
| 18        | 4.411       | 4.398        | 4.455      | VV       | 93             | 2623         | 0.03%          | 0.001%        |
| 19        | 4.475       | 4.455        | 4.494      | VV       | 126            | 1745         | 0.02%          | 0.001%        |
| 20        | 4.522       | 4.494        | 4.544      | VV       | 437436         | 3903257      | 41.29%         | 2.159%        |
| 21        | 4.567       | 4.544        | 4.610      | VV       | 492748         | 4222483      | 44.66%         | 2.335%        |
| 22        | 4.628       | 4.610        | 4.650      | VV       | 4394           | 40836        | 0.43%          | 0.023%        |
| 23        | 4.675       | 4.650        | 4.747      | VV       | 7611           | 71791        | 0.76%          | 0.040%        |
| 24        | 4.777       | 4.747        | 4.794      | VV       | 207            | 2772         | 0.03%          | 0.002%        |
| 25        | 4.809       | 4.794        | 4.840      | VV       | 189            | 1910         | 0.02%          | 0.001%        |
| 26        | 4.856       | 4.840        | 4.886      | VV       | 216            | 2270         | 0.02%          | 0.001%        |
| 27        | 4.902       | 4.886        | 4.919      | VV       | 142            | 1696         | 0.02%          | 0.001%        |
| 28        | 4.931       | 4.919        | 4.971      | VV       | 118            | 1917         | 0.02%          | 0.001%        |
| 29        | 4.979       | 4.971        | 4.994      | VV       | 123            | 1066         | 0.01%          | 0.001%        |
| 30        | 5.008       | 4.994        | 5.021      | VV       | 139            | 1087         | 0.01%          | 0.001%        |
| 31        | 5.027       | 5.021        | 5.068      | VV       | 131            | 1227         | 0.01%          | 0.001%        |
| 32        | 5.072       | 5.068        | 5.086      | VV       | 100            | 384          | 0.00%          | 0.000%        |
| 33        | 5.115       | 5.086        | 5.158      | VV       | 104            | 2030         | 0.02%          | 0.001%        |
| 34        | 5.168       | 5.158        | 5.207      | VV       | 114            | 1756         | 0.02%          | 0.001%        |
| 35        | 5.268       | 5.207        | 5.279      | VV       | 142            | 3705         | 0.04%          | 0.002%        |
| 36        | 5.284       | 5.279        | 5.311      | VV       | 100            | 1055         | 0.01%          | 0.001%        |

|    |       |       |       |    |        |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
|    |       |       |       |    | rteres |         |        |        |
| 37 | 5.323 | 5.311 | 5.348 | PV | 132    | 1260    | 0.01%  | 0.001% |
| 38 | 5.380 | 5.348 | 5.401 | VV | 990    | 10316   | 0.11%  | 0.006% |
| 39 | 5.421 | 5.401 | 5.438 | VV | 153    | 1713    | 0.02%  | 0.001% |
| 40 | 5.455 | 5.438 | 5.481 | VV | 95     | 1370    | 0.01%  | 0.001% |
| 41 | 5.487 | 5.481 | 5.501 | VV | 72     | 407     | 0.00%  | 0.000% |
| 42 | 5.514 | 5.501 | 5.525 | VV | 96     | 810     | 0.01%  | 0.000% |
| 43 | 5.561 | 5.525 | 5.575 | VV | 1177   | 12411   | 0.13%  | 0.007% |
| 44 | 5.588 | 5.575 | 5.644 | VV | 1260   | 14246   | 0.15%  | 0.008% |
| 45 | 5.651 | 5.644 | 5.658 | VV | 115    | 751     | 0.01%  | 0.000% |
| 46 | 5.668 | 5.658 | 5.700 | VV | 168    | 2507    | 0.03%  | 0.001% |
| 47 | 5.717 | 5.700 | 5.729 | VV | 133    | 1394    | 0.01%  | 0.001% |
| 48 | 5.757 | 5.729 | 5.789 | PV | 171    | 2565    | 0.03%  | 0.001% |
| 49 | 5.798 | 5.789 | 5.840 | VV | 98     | 2185    | 0.02%  | 0.001% |
| 50 | 5.851 | 5.840 | 5.874 | VV | 96     | 1631    | 0.02%  | 0.001% |
| 51 | 5.877 | 5.874 | 5.889 | VV | 96     | 444     | 0.00%  | 0.000% |
| 52 | 5.912 | 5.889 | 5.937 | VV | 142    | 2228    | 0.02%  | 0.001% |
| 53 | 6.000 | 5.937 | 6.029 | VV | 107    | 3639    | 0.04%  | 0.002% |
| 54 | 6.078 | 6.029 | 6.086 | VV | 250    | 4046    | 0.04%  | 0.002% |
| 55 | 6.118 | 6.086 | 6.153 | VV | 500870 | 4644708 | 49.13% | 2.569% |
| 56 | 6.164 | 6.153 | 6.186 | VV | 700    | 9873    | 0.10%  | 0.005% |
| 57 | 6.202 | 6.186 | 6.244 | VV | 388    | 8730    | 0.09%  | 0.005% |
| 58 | 6.261 | 6.244 | 6.331 | VV | 429    | 10931   | 0.12%  | 0.006% |
| 59 | 6.390 | 6.331 | 6.434 | VV | 1152   | 21270   | 0.22%  | 0.012% |
| 60 | 6.453 | 6.434 | 6.508 | VV | 270    | 8517    | 0.09%  | 0.005% |
| 61 | 6.547 | 6.508 | 6.597 | VV | 417165 | 4057071 | 42.92% | 2.244% |
| 62 | 6.615 | 6.597 | 6.664 | VV | 945    | 12692   | 0.13%  | 0.007% |
| 63 | 6.694 | 6.664 | 6.750 | VV | 387    | 7752    | 0.08%  | 0.004% |
| 64 | 6.774 | 6.750 | 6.794 | VV | 154    | 2395    | 0.03%  | 0.001% |
| 65 | 6.834 | 6.794 | 6.868 | VV | 212    | 5747    | 0.06%  | 0.003% |
| 66 | 6.872 | 6.868 | 6.895 | VV | 207    | 1405    | 0.01%  | 0.001% |
| 67 | 6.907 | 6.895 | 6.917 | VV | 111    | 752     | 0.01%  | 0.000% |
| 68 | 6.942 | 6.917 | 6.954 | VV | 345    | 4084    | 0.04%  | 0.002% |
| 69 | 6.964 | 6.954 | 6.998 | VV | 346    | 5494    | 0.06%  | 0.003% |
| 70 | 7.016 | 6.998 | 7.054 | VV | 4947   | 47969   | 0.51%  | 0.027% |
| 71 | 7.082 | 7.054 | 7.114 | VV | 11823  | 114052  | 1.21%  | 0.063% |
| 72 | 7.125 | 7.114 | 7.133 | VV | 132    | 1189    | 0.01%  | 0.001% |
| 73 | 7.177 | 7.133 | 7.264 | VV | 454317 | 4353887 | 46.05% | 2.408% |
| 74 | 7.279 | 7.264 | 7.290 | VV | 193    | 2347    | 0.02%  | 0.001% |
| 75 | 7.314 | 7.290 | 7.333 | VV | 1477   | 18263   | 0.19%  | 0.010% |
| 76 | 7.366 | 7.333 | 7.382 | VV | 2249   | 29236   | 0.31%  | 0.016% |
| 77 | 7.392 | 7.382 | 7.428 | VV | 1143   | 14744   | 0.16%  | 0.008% |
| 78 | 7.442 | 7.428 | 7.455 | VV | 1005   | 10282   | 0.11%  | 0.006% |
| 79 | 7.469 | 7.455 | 7.491 | VV | 1185   | 12839   | 0.14%  | 0.007% |
| 80 | 7.515 | 7.491 | 7.526 | VV | 384    | 4383    | 0.05%  | 0.002% |
| 81 | 7.539 | 7.526 | 7.552 | VV | 365    | 3733    | 0.04%  | 0.002% |
| 82 | 7.567 | 7.552 | 7.586 | VV | 323    | 3754    | 0.04%  | 0.002% |
| 83 | 7.600 | 7.586 | 7.634 | VV | 157    | 2042    | 0.02%  | 0.001% |
| 84 | 7.651 | 7.634 | 7.677 | VV | 622    | 7512    | 0.08%  | 0.004% |
| 85 | 7.693 | 7.677 | 7.735 | VV | 335    | 6288    | 0.07%  | 0.003% |
| 86 | 7.837 | 7.828 | 7.850 | VV | 281    | 2475    | 0.03%  | 0.001% |
| 87 | 7.881 | 7.850 | 7.914 | VV | 484    | 11509   | 0.12%  | 0.006% |
| 88 | 7.927 | 7.914 | 7.974 | VV | 417    | 6696    | 0.07%  | 0.004% |
| 89 | 7.982 | 7.974 | 8.014 | VV | 134    | 2142    | 0.02%  | 0.001% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 8.039  | 8.014  | 8.074  | VV | 526    | 8317    | 0.09%  | 0.005% |
| 91  | 8.095  | 8.074  | 8.148  | VV | 387    | 7435    | 0.08%  | 0.004% |
| 92  | 8.172  | 8.148  | 8.183  | VV | 188    | 2796    | 0.03%  | 0.002% |
| 93  | 8.239  | 8.183  | 8.287  | VV | 394    | 16091   | 0.17%  | 0.009% |
| 94  | 8.346  | 8.287  | 8.393  | VV | 402475 | 4273787 | 45.21% | 2.364% |
| 95  | 8.402  | 8.393  | 8.418  | VV | 181    | 1917    | 0.02%  | 0.001% |
| 96  | 8.463  | 8.418  | 8.525  | VV | 498363 | 4971965 | 52.59% | 2.750% |
| 97  | 8.531  | 8.525  | 8.547  | VV | 208    | 2358    | 0.02%  | 0.001% |
| 98  | 8.573  | 8.547  | 8.599  | VV | 283    | 5564    | 0.06%  | 0.003% |
| 99  | 8.761  | 8.724  | 8.797  | VV | 495772 | 5046076 | 53.38% | 2.791% |
| 100 | 8.813  | 8.797  | 8.835  | VV | 369    | 6158    | 0.07%  | 0.003% |
| 101 | 8.845  | 8.835  | 8.859  | VV | 216    | 2409    | 0.03%  | 0.001% |
| 102 | 8.878  | 8.859  | 8.911  | VV | 208    | 4049    | 0.04%  | 0.002% |
| 103 | 8.936  | 8.911  | 8.950  | VV | 159    | 2212    | 0.02%  | 0.001% |
| 104 | 8.967  | 8.950  | 8.984  | VV | 248    | 3197    | 0.03%  | 0.002% |
| 105 | 8.995  | 8.984  | 9.008  | VV | 155    | 1987    | 0.02%  | 0.001% |
| 106 | 9.028  | 9.008  | 9.045  | VV | 742    | 8349    | 0.09%  | 0.005% |
| 107 | 9.065  | 9.045  | 9.106  | VV | 494    | 10586   | 0.11%  | 0.006% |
| 108 | 9.115  | 9.106  | 9.146  | VV | 105    | 1651    | 0.02%  | 0.001% |
| 109 | 9.167  | 9.146  | 9.212  | VV | 698    | 10729   | 0.11%  | 0.006% |
| 110 | 9.224  | 9.212  | 9.269  | VV | 206    | 2583    | 0.03%  | 0.001% |
| 111 | 9.294  | 9.269  | 9.304  | PV | 102    | 1012    | 0.01%  | 0.001% |
| 112 | 9.311  | 9.304  | 9.330  | VV | 85     | 886     | 0.01%  | 0.000% |
| 113 | 9.342  | 9.330  | 9.349  | VV | 93     | 748     | 0.01%  | 0.000% |
| 114 | 9.367  | 9.349  | 9.381  | VV | 122    | 1514    | 0.02%  | 0.001% |
| 115 | 9.407  | 9.381  | 9.424  | VV | 225    | 3124    | 0.03%  | 0.002% |
| 116 | 9.428  | 9.424  | 9.447  | VV | 208    | 1189    | 0.01%  | 0.001% |
| 117 | 9.464  | 9.447  | 9.494  | VV | 229    | 3143    | 0.03%  | 0.002% |
| 118 | 9.545  | 9.494  | 9.575  | VV | 496929 | 5228183 | 55.30% | 2.891% |
| 119 | 9.584  | 9.575  | 9.617  | VV | 628    | 9209    | 0.10%  | 0.005% |
| 120 | 9.629  | 9.617  | 9.651  | VV | 244    | 3402    | 0.04%  | 0.002% |
| 121 | 9.685  | 9.651  | 9.698  | VV | 547    | 8289    | 0.09%  | 0.005% |
| 122 | 9.723  | 9.698  | 9.737  | VV | 1898   | 26720   | 0.28%  | 0.015% |
| 123 | 9.755  | 9.737  | 9.780  | VV | 7877   | 83995   | 0.89%  | 0.046% |
| 124 | 9.817  | 9.780  | 9.864  | VV | 32419  | 334870  | 3.54%  | 0.185% |
| 125 | 9.880  | 9.864  | 9.908  | VV | 452    | 7350    | 0.08%  | 0.004% |
| 126 | 9.948  | 9.908  | 10.018 | VV | 406659 | 4433009 | 46.89% | 2.452% |
| 127 | 10.036 | 10.018 | 10.115 | VV | 325    | 6874    | 0.07%  | 0.004% |
| 128 | 10.125 | 10.115 | 10.214 | VV | 63     | 1968    | 0.02%  | 0.001% |
| 129 | 10.228 | 10.214 | 10.264 | VV | 154    | 1997    | 0.02%  | 0.001% |
| 130 | 10.292 | 10.264 | 10.315 | VV | 1084   | 12588   | 0.13%  | 0.007% |
| 131 | 10.331 | 10.315 | 10.348 | PV | 107    | 1668    | 0.02%  | 0.001% |
| 132 | 10.384 | 10.348 | 10.428 | VV | 186    | 5164    | 0.05%  | 0.003% |
| 133 | 10.464 | 10.428 | 10.524 | VV | 231    | 6086    | 0.06%  | 0.003% |
| 134 | 10.535 | 10.524 | 10.578 | PV | 128    | 3424    | 0.04%  | 0.002% |
| 135 | 10.590 | 10.578 | 10.626 | VV | 236    | 4326    | 0.05%  | 0.002% |
| 136 | 10.682 | 10.626 | 10.707 | VV | 910    | 16206   | 0.17%  | 0.009% |
| 137 | 10.737 | 10.707 | 10.815 | VV | 10562  | 156008  | 1.65%  | 0.086% |
| 138 | 10.825 | 10.815 | 10.861 | VV | 144    | 1788    | 0.02%  | 0.001% |
| 139 | 10.951 | 10.861 | 10.986 | PV | 488687 | 5253173 | 55.57% | 2.905% |
| 140 | 11.026 | 10.986 | 11.080 | VV | 476038 | 5183815 | 54.83% | 2.867% |
| 141 | 11.099 | 11.080 | 11.123 | VV | 926    | 12481   | 0.13%  | 0.007% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 11.136 | 11.123 | 11.154 | VV | 216    | 3329    | 0.04%  | 0.002% |
| 143 | 11.193 | 11.154 | 11.209 | VV | 941    | 13403   | 0.14%  | 0.007% |
| 144 | 11.228 | 11.209 | 11.275 | VV | 3564   | 38992   | 0.41%  | 0.022% |
| 145 | 11.282 | 11.275 | 11.291 | VV | 91     | 668     | 0.01%  | 0.000% |
| 146 | 11.318 | 11.291 | 11.343 | VV | 370    | 5929    | 0.06%  | 0.003% |
| 147 | 11.392 | 11.343 | 11.437 | VV | 397916 | 4474269 | 47.33% | 2.475% |
| 148 | 11.466 | 11.437 | 11.531 | VV | 510    | 8182    | 0.09%  | 0.005% |
| 149 | 11.548 | 11.531 | 11.570 | VV | 129    | 1904    | 0.02%  | 0.001% |
| 150 | 11.581 | 11.570 | 11.624 | PV | 146    | 2517    | 0.03%  | 0.001% |
| 151 | 11.630 | 11.624 | 11.681 | VV | 71     | 1710    | 0.02%  | 0.001% |
| 152 | 11.715 | 11.681 | 11.762 | VV | 310216 | 3359319 | 35.53% | 1.858% |
| 153 | 11.806 | 11.762 | 11.828 | VV | 2267   | 29688   | 0.31%  | 0.016% |
| 154 | 11.845 | 11.828 | 11.858 | VV | 928    | 11401   | 0.12%  | 0.006% |
| 155 | 11.876 | 11.858 | 11.911 | VV | 1148   | 19603   | 0.21%  | 0.011% |
| 156 | 11.926 | 11.911 | 11.949 | VV | 472    | 7482    | 0.08%  | 0.004% |
| 157 | 11.966 | 11.949 | 11.974 | VV | 138    | 1716    | 0.02%  | 0.001% |
| 158 | 11.992 | 11.974 | 12.018 | VV | 381    | 5747    | 0.06%  | 0.003% |
| 159 | 12.064 | 12.018 | 12.085 | VV | 284    | 7497    | 0.08%  | 0.004% |
| 160 | 12.103 | 12.085 | 12.129 | VV | 299    | 5513    | 0.06%  | 0.003% |
| 161 | 12.150 | 12.129 | 12.208 | VV | 239    | 7818    | 0.08%  | 0.004% |
| 162 | 12.218 | 12.208 | 12.232 | VV | 194    | 1900    | 0.02%  | 0.001% |
| 163 | 12.308 | 12.232 | 12.382 | VV | 19513  | 285023  | 3.01%  | 0.158% |
| 164 | 12.394 | 12.382 | 12.477 | VV | 1343   | 53369   | 0.56%  | 0.030% |
| 165 | 12.492 | 12.477 | 12.503 | VV | 772    | 10637   | 0.11%  | 0.006% |
| 166 | 12.543 | 12.503 | 12.583 | VV | 2439   | 54465   | 0.58%  | 0.030% |
| 167 | 12.590 | 12.583 | 12.599 | VV | 362    | 3444    | 0.04%  | 0.002% |
| 168 | 12.604 | 12.599 | 12.612 | VV | 338    | 2587    | 0.03%  | 0.001% |
| 169 | 12.644 | 12.612 | 12.668 | VV | 729    | 17126   | 0.18%  | 0.009% |
| 170 | 12.704 | 12.668 | 12.736 | VV | 389885 | 4606762 | 48.73% | 2.548% |
| 171 | 12.775 | 12.736 | 12.855 | VV | 477120 | 5349908 | 56.59% | 2.959% |
| 172 | 12.868 | 12.855 | 12.888 | VV | 306    | 4996    | 0.05%  | 0.003% |
| 173 | 12.899 | 12.888 | 12.908 | VV | 286    | 3070    | 0.03%  | 0.002% |
| 174 | 12.910 | 12.908 | 12.926 | VV | 296    | 2670    | 0.03%  | 0.001% |
| 175 | 12.955 | 12.926 | 13.014 | VV | 5865   | 74097   | 0.78%  | 0.041% |
| 176 | 13.074 | 13.014 | 13.101 | VV | 457608 | 5216432 | 55.18% | 2.885% |
| 177 | 13.148 | 13.101 | 13.219 | VV | 212718 | 2611916 | 27.63% | 1.445% |
| 178 | 13.262 | 13.219 | 13.277 | VV | 421    | 10480   | 0.11%  | 0.006% |
| 179 | 13.316 | 13.277 | 13.391 | VV | 370073 | 4418830 | 46.74% | 2.444% |
| 180 | 13.406 | 13.391 | 13.460 | VV | 293    | 10307   | 0.11%  | 0.006% |
| 181 | 13.577 | 13.460 | 13.611 | VV | 725    | 45651   | 0.48%  | 0.025% |
| 182 | 13.618 | 13.611 | 13.641 | VV | 662    | 11539   | 0.12%  | 0.006% |
| 183 | 13.658 | 13.641 | 13.674 | VV | 696    | 12445   | 0.13%  | 0.007% |
| 184 | 13.692 | 13.674 | 13.718 | VV | 857    | 17284   | 0.18%  | 0.010% |
| 185 | 13.743 | 13.718 | 13.784 | VV | 993    | 23999   | 0.25%  | 0.013% |
| 186 | 13.806 | 13.784 | 13.827 | VV | 412    | 9944    | 0.11%  | 0.005% |
| 187 | 13.851 | 13.827 | 13.868 | VV | 787    | 13622   | 0.14%  | 0.008% |
| 188 | 13.904 | 13.868 | 14.021 | VV | 358945 | 4415714 | 46.71% | 2.442% |
| 189 | 14.034 | 14.021 | 14.054 | VV | 272    | 4607    | 0.05%  | 0.003% |
| 190 | 14.077 | 14.054 | 14.141 | VV | 657    | 16182   | 0.17%  | 0.009% |
| 191 | 14.157 | 14.141 | 14.196 | VV | 240    | 5668    | 0.06%  | 0.003% |
| 192 | 14.292 | 14.196 | 14.318 | VV | 569    | 17091   | 0.18%  | 0.009% |
| 193 | 14.338 | 14.318 | 14.367 | VV | 721    | 11910   | 0.13%  | 0.007% |
| 194 | 14.395 | 14.367 | 14.436 | VV | 210    | 7214    | 0.08%  | 0.004% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 195 | 14.464 | 14.436 | 14.489 | VV | 471    | 9025    | 0.10%   | 0.005% |
| 196 | 14.497 | 14.489 | 14.521 | VV | 228    | 3084    | 0.03%   | 0.002% |
| 197 | 14.532 | 14.521 | 14.554 | VV | 251    | 3649    | 0.04%   | 0.002% |
| 198 | 14.591 | 14.554 | 14.619 | VV | 285    | 7199    | 0.08%   | 0.004% |
| 199 | 14.634 | 14.619 | 14.658 | VV | 227    | 2757    | 0.03%   | 0.002% |
| 200 | 14.685 | 14.658 | 14.728 | VV | 271    | 6327    | 0.07%   | 0.003% |
| 201 | 14.740 | 14.728 | 14.756 | VV | 137    | 1643    | 0.02%   | 0.001% |
| 202 | 14.781 | 14.756 | 14.804 | PV | 167    | 3318    | 0.04%   | 0.002% |
| 203 | 14.859 | 14.804 | 14.891 | VV | 327    | 8687    | 0.09%   | 0.005% |
| 204 | 14.956 | 14.891 | 14.976 | VV | 382177 | 5170828 | 54.70%  | 2.860% |
| 205 | 15.003 | 14.976 | 15.076 | VV | 698960 | 9453672 | 100.00% | 5.228% |
| 206 | 15.106 | 15.076 | 15.116 | VV | 329    | 6933    | 0.07%   | 0.004% |
| 207 | 15.120 | 15.116 | 15.167 | VV | 303    | 5787    | 0.06%   | 0.003% |
| 208 | 15.185 | 15.167 | 15.278 | VV | 1453   | 28259   | 0.30%   | 0.016% |
| 209 | 15.382 | 15.278 | 15.446 | VV | 13258  | 192202  | 2.03%   | 0.106% |
| 210 | 15.465 | 15.446 | 15.508 | VV | 362    | 9480    | 0.10%   | 0.005% |
| 211 | 15.527 | 15.508 | 15.568 | VV | 1081   | 19346   | 0.20%   | 0.011% |
| 212 | 15.608 | 15.568 | 15.638 | VV | 1288   | 21456   | 0.23%   | 0.012% |
| 213 | 15.651 | 15.638 | 15.692 | VV | 175    | 3102    | 0.03%   | 0.002% |
| 214 | 15.706 | 15.692 | 15.718 | VV | 67     | 724     | 0.01%   | 0.000% |
| 215 | 15.722 | 15.718 | 15.729 | VV | 61     | 237     | 0.00%   | 0.000% |
| 216 | 15.794 | 15.729 | 15.821 | PV | 164    | 5011    | 0.05%   | 0.003% |
| 217 | 15.861 | 15.821 | 15.882 | VV | 1041   | 13954   | 0.15%   | 0.008% |
| 218 | 15.913 | 15.882 | 15.965 | VV | 350    | 9375    | 0.10%   | 0.005% |
| 219 | 16.033 | 15.965 | 16.080 | VV | 325351 | 4373721 | 46.26%  | 2.419% |
| 220 | 16.091 | 16.080 | 16.150 | VV | 173    | 3137    | 0.03%   | 0.002% |
| 221 | 16.203 | 16.150 | 16.215 | VV | 387    | 6031    | 0.06%   | 0.003% |
| 222 | 16.237 | 16.215 | 16.268 | VV | 964    | 13965   | 0.15%   | 0.008% |
| 223 | 16.279 | 16.268 | 16.290 | VV | 64     | 605     | 0.01%   | 0.000% |
| 224 | 16.336 | 16.290 | 16.350 | PV | 182    | 4492    | 0.05%   | 0.002% |
| 225 | 16.401 | 16.350 | 16.448 | VV | 1156   | 26742   | 0.28%   | 0.015% |
| 226 | 16.517 | 16.448 | 16.533 | VV | 360185 | 5373799 | 56.84%  | 2.972% |
| 227 | 16.553 | 16.533 | 16.581 | VV | 448134 | 5265658 | 55.70%  | 2.912% |
| 228 | 16.594 | 16.581 | 16.625 | VV | 1434   | 24324   | 0.26%   | 0.013% |
| 229 | 16.640 | 16.625 | 16.678 | VV | 494    | 12731   | 0.13%   | 0.007% |
| 230 | 16.708 | 16.678 | 16.724 | VV | 388    | 8924    | 0.09%   | 0.005% |
| 231 | 16.760 | 16.724 | 16.792 | VV | 2943   | 43589   | 0.46%   | 0.024% |
| 232 | 16.826 | 16.792 | 16.844 | VV | 554    | 12287   | 0.13%   | 0.007% |
| 233 | 16.900 | 16.844 | 16.941 | VV | 400564 | 5153823 | 54.52%  | 2.850% |
| 234 | 16.983 | 16.941 | 17.018 | VV | 329216 | 4456731 | 47.14%  | 2.465% |
| 235 | 17.033 | 17.018 | 17.159 | VV | 1729   | 37460   | 0.40%   | 0.021% |
| 236 | 17.178 | 17.159 | 17.204 | PV | 172    | 2218    | 0.02%   | 0.001% |
| 237 | 17.234 | 17.204 | 17.274 | VV | 155    | 4941    | 0.05%   | 0.003% |
| 238 | 17.344 | 17.274 | 17.400 | VV | 684    | 21534   | 0.23%   | 0.012% |
| 239 | 17.430 | 17.400 | 17.461 | VV | 1710   | 27818   | 0.29%   | 0.015% |
| 240 | 17.520 | 17.461 | 17.539 | VV | 437    | 10197   | 0.11%   | 0.006% |
| 241 | 17.561 | 17.539 | 17.570 | VV | 301    | 3959    | 0.04%   | 0.002% |
| 242 | 17.589 | 17.570 | 17.634 | VV | 344    | 7381    | 0.08%   | 0.004% |
| 243 | 17.658 | 17.634 | 17.691 | VV | 231    | 4441    | 0.05%   | 0.002% |
| 244 | 17.762 | 17.691 | 17.791 | PV | 3725   | 57840   | 0.61%   | 0.032% |
| 245 | 17.874 | 17.791 | 17.934 | VV | 321421 | 4464128 | 47.22%  | 2.469% |
| 246 | 17.961 | 17.934 | 17.996 | VV | 797    | 11343   | 0.12%   | 0.006% |

|                         |        |        |        |    |           |         |        |        |
|-------------------------|--------|--------|--------|----|-----------|---------|--------|--------|
|                         |        |        |        |    | rteres    |         |        |        |
| 247                     | 18.029 | 17.996 | 18.091 | PV | 293       | 9089    | 0.10%  | 0.005% |
| 248                     | 18.112 | 18.091 | 18.171 | VV | 269       | 7185    | 0.08%  | 0.004% |
| 249                     | 18.275 | 18.171 | 18.291 | VV | 350443    | 5689982 | 60.19% | 3.147% |
| 250                     | 18.313 | 18.291 | 18.369 | VV | 383725    | 5037679 | 53.29% | 2.786% |
| 251                     | 18.395 | 18.369 | 18.473 | VV | 965       | 37512   | 0.40%  | 0.021% |
| 252                     | 18.534 | 18.473 | 18.631 | VV | 351419    | 5210485 | 55.12% | 2.882% |
| 253                     | 18.706 | 18.631 | 18.774 | VV | 306720    | 4466193 | 47.24% | 2.470% |
| 254                     | 18.803 | 18.774 | 18.840 | VV | 807       | 21706   | 0.23%  | 0.012% |
| 255                     | 18.865 | 18.840 | 18.891 | VV | 624       | 13952   | 0.15%  | 0.008% |
| 256                     | 18.922 | 18.891 | 18.932 | VV | 318       | 6417    | 0.07%  | 0.004% |
| 257                     | 18.984 | 18.932 | 19.014 | VV | 509       | 16705   | 0.18%  | 0.009% |
| 258                     | 19.055 | 19.014 | 19.085 | VV | 4278      | 91942   | 0.97%  | 0.051% |
| 259                     | 19.100 | 19.085 | 19.156 | VV | 2246      | 55172   | 0.58%  | 0.031% |
| 260                     | 19.192 | 19.156 | 19.253 | VV | 781       | 33542   | 0.35%  | 0.019% |
| 261                     | 19.299 | 19.253 | 19.320 | VV | 803       | 23857   | 0.25%  | 0.013% |
| 262                     | 19.355 | 19.320 | 19.391 | VV | 654       | 22732   | 0.24%  | 0.013% |
| 263                     | 19.492 | 19.391 | 19.536 | VV | 308109    | 4542311 | 48.05% | 2.512% |
| 264                     | 19.595 | 19.536 | 19.624 | VV | 1256      | 53451   | 0.57%  | 0.030% |
| 265                     | 19.667 | 19.624 | 19.705 | VV | 1332      | 51441   | 0.54%  | 0.028% |
| 266                     | 19.770 | 19.705 | 19.802 | VV | 1602      | 70306   | 0.74%  | 0.039% |
| 267                     | 19.862 | 19.802 | 19.891 | VV | 2620      | 94109   | 1.00%  | 0.052% |
| 268                     | 19.915 | 19.891 | 19.931 | VV | 1512      | 33957   | 0.36%  | 0.019% |
| 269                     | 19.964 | 19.931 | 19.991 | VV | 1690      | 54103   | 0.57%  | 0.030% |
| 270                     | 20.028 | 19.991 | 20.063 | VV | 2127      | 79766   | 0.84%  | 0.044% |
| 271                     | 20.095 | 20.063 | 20.108 | VV | 2352      | 55880   | 0.59%  | 0.031% |
| 272                     | 20.135 | 20.108 | 20.166 | VV | 3229      | 88671   | 0.94%  | 0.049% |
| 273                     | 20.232 | 20.166 | 20.294 | VV | 299170    | 4467521 | 47.26% | 2.471% |
| 274                     | 20.326 | 20.294 | 20.338 | VV | 2467      | 61265   | 0.65%  | 0.034% |
| 275                     | 20.370 | 20.338 | 20.434 | VV | 4782      | 182008  | 1.93%  | 0.101% |
| 276                     | 20.474 | 20.434 | 20.488 | VV | 2599      | 77010   | 0.81%  | 0.043% |
| 277                     | 20.595 | 20.488 | 20.691 | VV | 6337      | 483354  | 5.11%  | 0.267% |
| 278                     | 20.703 | 20.691 | 20.768 | VV | 2546      | 107279  | 1.13%  | 0.059% |
| 279                     | 20.785 | 20.768 | 20.840 | VV | 2215      | 89475   | 0.95%  | 0.049% |
| 280                     | 20.857 | 20.840 | 20.867 | VV | 1985      | 32310   | 0.34%  | 0.018% |
| 281                     | 20.878 | 20.867 | 20.887 | VV | 1986      | 23307   | 0.25%  | 0.013% |
| 282                     | 20.899 | 20.887 | 20.940 | VV | 2041      | 61070   | 0.65%  | 0.034% |
| 283                     | 21.010 | 20.940 | 21.101 | VV | 221829    | 4382470 | 46.36% | 2.424% |
| 284                     | 21.127 | 21.101 | 21.156 | VV | 1639      | 52629   | 0.56%  | 0.029% |
| 285                     | 21.169 | 21.156 | 21.194 | VV | 1599      | 34634   | 0.37%  | 0.019% |
| 286                     | 21.256 | 21.238 | 21.314 | VV | 1312      | 57212   | 0.61%  | 0.032% |
| 287                     | 21.331 | 21.314 | 21.383 | VV | 1290      | 47598   | 0.50%  | 0.026% |
| 288                     | 21.395 | 21.383 | 21.417 | VV | 1107      | 21537   | 0.23%  | 0.012% |
| 289                     | 21.462 | 21.417 | 21.644 | VV | 1627      | 143276  | 1.52%  | 0.079% |
| 290                     | 21.665 | 21.644 | 21.708 | VV | 850       | 28413   | 0.30%  | 0.016% |
| 291                     | 21.738 | 21.708 | 21.784 | VV | 678       | 27567   | 0.29%  | 0.015% |
| 292                     | 21.798 | 21.784 | 21.888 | VV | 652       | 28635   | 0.30%  | 0.016% |
| 293                     | 21.908 | 21.888 | 21.918 | VV | 348       | 5244    | 0.06%  | 0.003% |
| 294                     | 21.990 | 21.918 | 22.095 | VV | 164022    | 4124454 | 43.63% | 2.281% |
| 295                     | 22.104 | 22.095 | 22.125 | VV | 105       | 1534    | 0.02%  | 0.001% |
| 296                     | 22.135 | 22.125 | 22.148 | VV | 65        | 573     | 0.01%  | 0.000% |
| 297                     | 22.153 | 22.148 | 22.159 | VV | 55        | 263     | 0.00%  | 0.000% |
| Sum of corrected areas: |        |        |        |    | 180813013 |         |        |        |

rteres

Aliphatic EPH 040925.M Fri May 02 04:36:54 2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

## Manual Integration Report

Sequence:

FC040925AL

Instrument

FID\_c

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

## Manual Integration Report

Sequence:

FC050125AL

Instrument

FID\_c

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

## Manual Integration Report

Sequence:

FE041725AL

Instrument

FID\_e

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason

## Manual Integration Report

Sequence:

FE050125AL

Instrument

FID\_e

| Sample ID | File ID    | Parameter              | Review By | Review On           | Supervised By | Supervised On | Reason                      |
|-----------|------------|------------------------|-----------|---------------------|---------------|---------------|-----------------------------|
| Q1907-01  | FE053605.D | ortho-Terphenyl (SURR) | yogesh    | 5/2/2025 7:16:19 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1922-06  | FE053611.D | ortho-Terphenyl (SURR) | yogesh    | 5/2/2025 7:16:20 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1923-01  | FE053612.D | ortho-Terphenyl (SURR) | yogesh    | 5/2/2025 7:16:22 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

Instrument ID: FID\_C

**Daily Analysis Runlog For Sequence/QC Batch ID # FC040925AL**

|                                                                    |                                         |                   |                                 |
|--------------------------------------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                                                          | yogesh                                  | Review On         | 4/8/2025 3:04:36 PM             |
| Supervise By                                                       | mohammad                                | Supervise On      | 4/10/2025 5:31:03 AM            |
| SubDirectory                                                       | FC040925AL                              | HP Acquire Method | HP Processing Method FC040925AL |
| <b>STD. NAME</b>                                                   | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds                            | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC<br>Internal Standard/PEM                                       | PP24176                                 |                   |                                 |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24174,PP24179                         |                   |                                 |

| Sr# | SampleId                    | Data File Name | Date-Time         | Operator | Status |
|-----|-----------------------------|----------------|-------------------|----------|--------|
| 1   | MECL2                       | FC068513.D     | 08 Apr 2025 13:05 | YP/AJ    | Ok     |
| 2   | I.BLK                       | FC068514.D     | 08 Apr 2025 13:42 | YP/AJ    | Ok     |
| 3   | 100 PPM ALIPHATIC HC STD1   | FC068515.D     | 08 Apr 2025 14:19 | YP/AJ    | Ok     |
| 4   | 50 PPM ALIPHATIC HC STD2    | FC068516.D     | 08 Apr 2025 14:56 | YP/AJ    | Ok     |
| 5   | 20 PPM ALIPHATIC HC STD3    | FC068517.D     | 08 Apr 2025 15:34 | YP/AJ    | Ok     |
| 6   | 10 PPM ALIPHATIC HC STD4    | FC068518.D     | 08 Apr 2025 16:12 | YP/AJ    | Ok     |
| 7   | 5 PPM ALIPHATIC HC STD5     | FC068519.D     | 08 Apr 2025 16:48 | YP/AJ    | Ok     |
| 8   | 20 PPM ALIPHATIC HC STD ICV | FC068520.D     | 08 Apr 2025 17:26 | YP/AJ    | Ok     |
| 9   | I.BLK                       | FC068521.D     | 08 Apr 2025 18:41 | YP/AJ    | Ok     |
| 10  | 20 PPM ALIPHATIC HC STD     | FC068522.D     | 08 Apr 2025 19:18 | YP/AJ    | Ok     |

M : Manual Integration

Instrument ID: FID\_C

**Daily Analysis Runlog For Sequence/QC Batch ID # FC050125AL**

|                                                                                                    |                                         |                   |                                 |
|----------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                                                                                          | yogesh                                  | Review On         | 5/1/2025 2:44:42 PM             |
| Supervise By                                                                                       |                                         | Supervise On      |                                 |
| SubDirectory                                                                                       | FC050125AL                              | HP Acquire Method | HP Processing Method FC040925AL |
| <b>STD. NAME</b>                                                                                   | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds                                                            | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24176<br><br>PP24174,PP24179          |                   |                                 |

| Sr# | SampleId                | Data File Name | Date-Time         | Operator | Status |
|-----|-------------------------|----------------|-------------------|----------|--------|
| 1   | MECL2                   | FC068727.D     | 01 May 2025 09:18 | YP/AJ    | Ok     |
| 2   | I.BLK                   | FC068728.D     | 01 May 2025 09:54 | YP/AJ    | Ok     |
| 3   | 20 PPM ALIPHATIC HC STD | FC068729.D     | 01 May 2025 11:42 | YP/AJ    | Ok     |
| 4   | PB167819BL              | FC068730.D     | 01 May 2025 13:31 | YP/AJ    | Ok     |
| 5   | PB167819BS              | FC068731.D     | 01 May 2025 14:07 | YP/AJ    | Ok     |
| 6   | PB167819BSD             | FC068732.D     | 01 May 2025 14:44 | YP/AJ    | Ok     |
| 7   | Q1917-01                | FC068733.D     | 01 May 2025 15:20 | YP/AJ    | Ok     |
| 8   | Q1917-01D               | FC068734.D     | 01 May 2025 15:57 | YP/AJ    | Ok     |
| 9   | Q1917-01MS              | FC068735.D     | 01 May 2025 16:33 | YP/AJ    | Ok     |
| 10  | Q1917-01MSD             | FC068736.D     | 01 May 2025 17:10 | YP/AJ    | Ok     |
| 11  | Q1917-02                | FC068737.D     | 01 May 2025 17:46 | YP/AJ    | Ok     |
| 12  | I.BLK                   | FC068738.D     | 01 May 2025 18:59 | YP/AJ    | Ok     |
| 13  | 20 PPM ALIPHATIC HC STD | FC068739.D     | 01 May 2025 19:36 | YP/AJ    | Ok     |

M : Manual Integration

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE041725AL**

|                                                                    |                                         |                   |                                 |
|--------------------------------------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                                                          | yogesh                                  | Review On         | 4/16/2025 2:56:14 PM            |
| Supervise By                                                       | mohammad                                | Supervise On      | 4/18/2025 1:20:00 AM            |
| SubDirectory                                                       | FE041725AL                              | HP Acquire Method | HP Processing Method FE041725AL |
| <b>STD. NAME</b>                                                   | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds                            | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC<br>Internal Standard/PEM                                       | PP24176                                 |                   |                                 |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24174,PP24179                         |                   |                                 |

| Sr# | SampleId                    | Data File Name | Date-Time         | Operator | Status |
|-----|-----------------------------|----------------|-------------------|----------|--------|
| 1   | MECL2                       | FE053385.D     | 16 Apr 2025 14:34 | YP\AJ    | Ok     |
| 2   | I.BLK                       | FE053386.D     | 16 Apr 2025 15:04 | YP\AJ    | Ok     |
| 3   | 100 PPM ALIPHATIC HC STD1   | FE053387.D     | 16 Apr 2025 15:35 | YP\AJ    | Ok     |
| 4   | 50 PPM ALIPHATIC HC STD2    | FE053388.D     | 16 Apr 2025 16:35 | YP\AJ    | Ok     |
| 5   | 20 PPM ALIPHATIC HC STD3    | FE053389.D     | 16 Apr 2025 17:05 | YP\AJ    | Ok     |
| 6   | 10 PPM ALIPHATIC HC STD4    | FE053390.D     | 16 Apr 2025 17:36 | YP\AJ    | Ok     |
| 7   | 5 PPM ALIPHATIC HC STD5     | FE053391.D     | 16 Apr 2025 18:06 | YP\AJ    | Ok     |
| 8   | 20 PPM ALIPHATIC HC STD ICV | FE053392.D     | 16 Apr 2025 18:36 | YP\AJ    | Ok     |
| 9   | I.BLK                       | FE053393.D     | 16 Apr 2025 19:36 | YP\AJ    | Ok     |
| 10  | 20 PPM ALIPHATIC HC STD     | FE053394.D     | 16 Apr 2025 20:06 | YP\AJ    | Ok     |

M : Manual Integration

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE050125AL**

|                                                                    |                                         |                   |                                 |
|--------------------------------------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                                                          | yogesh                                  | Review On         | 5/1/2025 12:49:34 PM            |
| Supervise By                                                       |                                         | Supervise On      |                                 |
| SubDirectory                                                       | FE050125AL                              | HP Acquire Method | HP Processing Method FE041725AL |
| <b>STD. NAME</b>                                                   | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds                            | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC<br>Internal Standard/PEM                                       | PP24176                                 |                   |                                 |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24174,PP24179                         |                   |                                 |

| Sr# | SampleId                | Data File Name | Date-Time         | Operator | Status |
|-----|-------------------------|----------------|-------------------|----------|--------|
| 1   | MECL2                   | FE053600.D     | 01 May 2025 10:44 | YP\AJ    | Ok     |
| 2   | I.BLK                   | FE053601.D     | 01 May 2025 11:14 | YP\AJ    | Ok     |
| 3   | 20 PPM ALIPHATIC HC STD | FE053602.D     | 01 May 2025 11:45 | YP\AJ    | Ok     |
| 4   | Q1920-01                | FE053603.D     | 01 May 2025 13:18 | YP\AJ    | Ok     |
| 5   | Q1920-02                | FE053604.D     | 01 May 2025 13:48 | YP\AJ    | Ok     |
| 6   | Q1907-01                | FE053605.D     | 01 May 2025 14:18 | YP\AJ    | Ok,NS  |
| 7   | Q1916-01                | FE053606.D     | 01 May 2025 14:48 | YP\AJ    | Ok     |
| 8   | Q1916-02                | FE053607.D     | 01 May 2025 15:18 | YP\AJ    | Ok     |
| 9   | Q1922-01                | FE053608.D     | 01 May 2025 15:48 | YP\AJ    | Ok     |
| 10  | Q1922-02                | FE053609.D     | 01 May 2025 16:18 | YP\AJ    | Ok     |
| 11  | Q1922-05                | FE053610.D     | 01 May 2025 16:48 | YP\AJ    | Ok     |
| 12  | Q1922-06                | FE053611.D     | 01 May 2025 17:18 | YP\AJ    | Ok,NS  |
| 13  | Q1923-01                | FE053612.D     | 01 May 2025 17:48 | YP\AJ    | Ok,NS  |
| 14  | Q1923-02                | FE053613.D     | 01 May 2025 18:18 | YP\AJ    | Ok     |
| 15  | I.BLK                   | FE053614.D     | 01 May 2025 19:18 | YP\AJ    | Ok     |
| 16  | 20 PPM ALIPHATIC HC STD | FE053615.D     | 01 May 2025 19:49 | YP\AJ    | Ok     |

M : Manual Integration

Instrument ID: FID\_C

**Daily Analysis Runlog For Sequence/QC Batch ID # FC040925AL**

|                                         |                                         |                   |                                 |
|-----------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                               | yogesh                                  | Review On         | 4/8/2025 3:04:36 PM             |
| Supervise By                            | mohammad                                | Supervise On      | 4/10/2025 5:31:03 AM            |
| SubDirectory                            | FC040925AL                              | HP Acquire Method | HP Processing Method FC040925AL |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC                                     | PP24176                                 |                   |                                 |
| Internal Standard/PEM                   | PP24174,PP24179                         |                   |                                 |
| ICV/I.BLK                               |                                         |                   |                                 |
| Surrogate Standard                      |                                         |                   |                                 |
| MS/MSD Standard                         |                                         |                   |                                 |
| LCS Standard                            |                                         |                   |                                 |

| Sr# | SampleID             | ClientID             | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|----------------------|----------------------|----------------|-------------------|---------|----------|--------|
| 1   | MECL2                | MECL2                | FC068513.D     | 08 Apr 2025 13:05 |         | YP/AJ    | Ok     |
| 2   | I.BLK                | I.BLK                | FC068514.D     | 08 Apr 2025 13:42 |         | YP/AJ    | Ok     |
| 3   | 100 PPM ALIPHATIC HC | 100 PPM ALIPHATIC HC | FC068515.D     | 08 Apr 2025 14:19 |         | YP/AJ    | Ok     |
| 4   | 50 PPM ALIPHATIC HC  | 50 PPM ALIPHATIC HC  | FC068516.D     | 08 Apr 2025 14:56 |         | YP/AJ    | Ok     |
| 5   | 20 PPM ALIPHATIC HC  | 20 PPM ALIPHATIC HC  | FC068517.D     | 08 Apr 2025 15:34 |         | YP/AJ    | Ok     |
| 6   | 10 PPM ALIPHATIC HC  | 10 PPM ALIPHATIC HC  | FC068518.D     | 08 Apr 2025 16:12 |         | YP/AJ    | Ok     |
| 7   | 5 PPM ALIPHATIC HC   | 5 PPM ALIPHATIC HC   | FC068519.D     | 08 Apr 2025 16:48 |         | YP/AJ    | Ok     |
| 8   | 20 PPM ALIPHATIC HC  | 20 PPM ALIPHATIC HC  | FC068520.D     | 08 Apr 2025 17:26 |         | YP/AJ    | Ok     |
| 9   | I.BLK                | I.BLK                | FC068521.D     | 08 Apr 2025 18:41 |         | YP/AJ    | Ok     |
| 10  | 20 PPM ALIPHATIC HC  | 20 PPM ALIPHATIC HC  | FC068522.D     | 08 Apr 2025 19:18 |         | YP/AJ    | Ok     |

M : Manual Integration

Instrument ID: FID\_C

**Daily Analysis Runlog For Sequence/QC Batch ID # FC050125AL**

|                                         |                                         |                   |                                 |
|-----------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                               | yogesh                                  | Review On         | 5/1/2025 2:44:42 PM             |
| Supervise By                            |                                         | Supervise On      |                                 |
| SubDirectory                            | FC050125AL                              | HP Acquire Method | HP Processing Method FC040925AL |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC                                     | PP24176                                 |                   |                                 |
| Internal Standard/PEM                   |                                         |                   |                                 |
| ICV/I.BLK                               | PP24174,PP24179                         |                   |                                 |
| Surrogate Standard                      |                                         |                   |                                 |
| MS/MSD Standard                         |                                         |                   |                                 |
| LCS Standard                            |                                         |                   |                                 |

| Sr# | SampleID            | ClientID            | Data File Name | Date-Time         | Comment               | Operator | Status |
|-----|---------------------|---------------------|----------------|-------------------|-----------------------|----------|--------|
| 1   | MECL2               | MECL2               | FC068727.D     | 01 May 2025 09:18 |                       | YP/AJ    | Ok     |
| 2   | I.BLK               | I.BLK               | FC068728.D     | 01 May 2025 09:54 |                       | YP/AJ    | Ok     |
| 3   | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FC068729.D     | 01 May 2025 11:42 |                       | YP/AJ    | Ok     |
| 4   | PB167819BL          | PB167819BL          | FC068730.D     | 01 May 2025 13:31 |                       | YP/AJ    | Ok     |
| 5   | PB167819BS          | PB167819BS          | FC068731.D     | 01 May 2025 14:07 |                       | YP/AJ    | Ok     |
| 6   | PB167819BSD         | PB167819BSD         | FC068732.D     | 01 May 2025 14:44 |                       | YP/AJ    | Ok     |
| 7   | Q1917-01            | MH-JJ               | FC068733.D     | 01 May 2025 15:20 |                       | YP/AJ    | Ok     |
| 8   | Q1917-01D           | Q1917-01D           | FC068734.D     | 01 May 2025 15:57 |                       | YP/AJ    | Ok     |
| 9   | Q1917-01MS          | MH-JJMS             | FC068735.D     | 01 May 2025 16:33 | FC068733.D            | YP/AJ    | Ok     |
| 10  | Q1917-01MSD         | MH-JJMSD            | FC068736.D     | 01 May 2025 17:10 | FC068733.D!FC068735.D | YP/AJ    | Ok     |
| 11  | Q1917-02            | MH-JJ-EPH           | FC068737.D     | 01 May 2025 17:46 |                       | YP/AJ    | Ok     |
| 12  | I.BLK               | I.BLK               | FC068738.D     | 01 May 2025 18:59 |                       | YP/AJ    | Ok     |
| 13  | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FC068739.D     | 01 May 2025 19:36 |                       | YP/AJ    | Ok     |

M : Manual Integration

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE041725AL**

|              |            |                   |                      |
|--------------|------------|-------------------|----------------------|
| Review By    | yogesh     | Review On         | 4/16/2025 2:56:14 PM |
| Supervise By | mohammad   | Supervise On      | 4/18/2025 1:20:00 AM |
| SubDirectory | FE041725AL | HP Acquire Method | HP Processing Method |
|              |            |                   | FE041725AL           |

| STD. NAME                                                          | STD REF.#                               |
|--------------------------------------------------------------------|-----------------------------------------|
| Tune/Reschk<br>Initial Calibration Stds                            | PP24170,PP24175,PP24176,PP24177,PP24178 |
| CCC<br>Internal Standard/PEM                                       | PP24176                                 |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24174,PP24179                         |

| Sr# | SampleID             | ClientID             | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|----------------------|----------------------|----------------|-------------------|---------|----------|--------|
| 1   | MECL2                | MECL2                | FE053385.D     | 16 Apr 2025 14:34 |         | YP\AJ    | Ok     |
| 2   | I.BLK                | I.BLK                | FE053386.D     | 16 Apr 2025 15:04 |         | YP\AJ    | Ok     |
| 3   | 100 PPM ALIPHATIC HC | 100 PPM ALIPHATIC HC | FE053387.D     | 16 Apr 2025 15:35 |         | YP\AJ    | Ok     |
| 4   | 50 PPM ALIPHATIC HC  | 50 PPM ALIPHATIC HC  | FE053388.D     | 16 Apr 2025 16:35 |         | YP\AJ    | Ok     |
| 5   | 20 PPM ALIPHATIC HC  | 20 PPM ALIPHATIC HC  | FE053389.D     | 16 Apr 2025 17:05 |         | YP\AJ    | Ok     |
| 6   | 10 PPM ALIPHATIC HC  | 10 PPM ALIPHATIC HC  | FE053390.D     | 16 Apr 2025 17:36 |         | YP\AJ    | Ok     |
| 7   | 5 PPM ALIPHATIC HC   | 5 PPM ALIPHATIC HC   | FE053391.D     | 16 Apr 2025 18:06 |         | YP\AJ    | Ok     |
| 8   | 20 PPM ALIPHATIC HC  | 20 PPM ALIPHATIC HC  | FE053392.D     | 16 Apr 2025 18:36 |         | YP\AJ    | Ok     |
| 9   | I.BLK                | I.BLK                | FE053393.D     | 16 Apr 2025 19:36 |         | YP\AJ    | Ok     |
| 10  | 20 PPM ALIPHATIC HC  | 20 PPM ALIPHATIC HC  | FE053394.D     | 16 Apr 2025 20:06 |         | YP\AJ    | Ok     |

M : Manual Integration

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE050125AL**

|                                         |                                         |                   |                                 |
|-----------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                               | yogesh                                  | Review On         | 5/1/2025 12:49:34 PM            |
| Supervise By                            |                                         | Supervise On      |                                 |
| SubDirectory                            | FE050125AL                              | HP Acquire Method | HP Processing Method FE041725AL |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC                                     | PP24176                                 |                   |                                 |
| Internal Standard/PEM                   |                                         |                   |                                 |
| ICV/I.BLK                               | PP24174,PP24179                         |                   |                                 |
| Surrogate Standard                      |                                         |                   |                                 |
| MS/MSD Standard                         |                                         |                   |                                 |
| LCS Standard                            |                                         |                   |                                 |

| Sr# | SampleID            | ClientID            | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|---------------------|---------------------|----------------|-------------------|---------|----------|--------|
| 1   | MECL2               | MECL2               | FE053600.D     | 01 May 2025 10:44 |         | YP\AJ    | Ok     |
| 2   | I.BLK               | I.BLK               | FE053601.D     | 01 May 2025 11:14 |         | YP\AJ    | Ok     |
| 3   | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FE053602.D     | 01 May 2025 11:45 |         | YP\AJ    | Ok     |
| 4   | Q1920-01            | 291                 | FE053603.D     | 01 May 2025 13:18 |         | YP\AJ    | Ok     |
| 5   | Q1920-02            | 291-E2              | FE053604.D     | 01 May 2025 13:48 |         | YP\AJ    | Ok     |
| 6   | Q1907-01            | CO-8R-WC            | FE053605.D     | 01 May 2025 14:18 |         | YP\AJ    | Ok,NS  |
| 7   | Q1916-01            | WC-12               | FE053606.D     | 01 May 2025 14:48 |         | YP\AJ    | Ok     |
| 8   | Q1916-02            | WC-12-EPH           | FE053607.D     | 01 May 2025 15:18 |         | YP\AJ    | Ok     |
| 9   | Q1922-01            | MH-R                | FE053608.D     | 01 May 2025 15:48 |         | YP\AJ    | Ok     |
| 10  | Q1922-02            | MH-R-EPH            | FE053609.D     | 01 May 2025 16:18 |         | YP\AJ    | Ok     |
| 11  | Q1922-05            | MH-S                | FE053610.D     | 01 May 2025 16:48 |         | YP\AJ    | Ok     |
| 12  | Q1922-06            | MH-S-EPH            | FE053611.D     | 01 May 2025 17:18 |         | YP\AJ    | Ok,NS  |
| 13  | Q1923-01            | TR-05-04302025      | FE053612.D     | 01 May 2025 17:48 |         | YP\AJ    | Ok,NS  |
| 14  | Q1923-02            | TR-05-04302025-E2   | FE053613.D     | 01 May 2025 18:18 |         | YP\AJ    | Ok     |
| 15  | I.BLK               | I.BLK               | FE053614.D     | 01 May 2025 19:18 |         | YP\AJ    | Ok     |
| 16  | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FE053615.D     | 01 May 2025 19:49 |         | YP\AJ    | Ok     |

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 4/29/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:25  
In Date: 04/28/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103  
Time OUT: 08:37  
Out Date: 04/29/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB135575

| Lab ID   | Client SampleID    | Dish # | Dish Wt(g) (A) | Sample Wt(g) | Dish + Sample Wt(g) (B) | Dish+Dry Sample Wt(g) (C) | % Solid | Comments |
|----------|--------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|----------|
| Q1872-24 | HW0425-PT-SOL-SOIL | 8      | 0.92           | 10.30        | 11.22                   | 8.82                      | 76.7    |          |
| Q1901-01 | B-170-SB00         | 1      | 1.14           | 5.55         | 6.69                    | 6.28                      | 92.6    |          |
| Q1901-02 | B-167-SB01         | 2      | 1.14           | 10.22        | 11.36                   | 9.58                      | 82.6    |          |
| Q1901-03 | B-170-SB01         | 3      | 1.19           | 10.31        | 11.5                    | 9.75                      | 83.0    |          |
| Q1901-04 | B-167-SB02         | 4      | 1.15           | 9.78         | 10.93                   | 6.35                      | 53.2    |          |
| Q1901-05 | B-170-SB02         | 5      | 1.14           | 10.16        | 11.3                    | 8.77                      | 75.1    |          |
| Q1902-01 | 343                | 6      | 1.19           | 10.23        | 11.42                   | 10.7                      | 93.0    |          |
| Q1902-02 | 343                | 7      | 1.13           | 10.19        | 11.32                   | 10.33                     | 90.3    |          |
| Q1903-01 | COMP-4             | 9      | 1.18           | 11.14        | 12.32                   | 10.46                     | 83.3    |          |
| Q1903-02 | COMP-5             | 10     | 1.16           | 10.50        | 11.66                   | 9.44                      | 78.9    |          |
| Q1903-03 | COMP-6             | 11     | 1.17           | 10.60        | 11.77                   | 10.06                     | 83.9    |          |
| Q1904-01 | VNJ-210            | 12     | 1.19           | 10.39        | 11.58                   | 10.6                      | 90.6    |          |
| Q1905-01 | MH-G               | 13     | 1.15           | 10.35        | 11.5                    | 10.38                     | 89.2    |          |
| Q1905-02 | MH-G-EPH           | 14     | 1.16           | 9.65         | 10.81                   | 9.71                      | 88.6    |          |
| Q1905-03 | MH-G-VOC           | 15     | 1.16           | 10.33        | 11.49                   | 10.36                     | 89.1    |          |
| Q1905-05 | MH-H               | 16     | 1.12           | 10.03        | 11.15                   | 10.5                      | 93.5    |          |
| Q1905-06 | MH-H-EPH           | 17     | 1.13           | 10.30        | 11.43                   | 10.5                      | 91.0    |          |
| Q1905-07 | MH-H-VOC           | 18     | 1.12           | 10.03        | 11.15                   | 10.01                     | 88.6    |          |
| Q1906-01 | WC-4               | 19     | 1.15           | 9.85         | 11.00                   | 10.14                     | 91.3    |          |
| Q1906-02 | WC-4-EPH           | 20     | 1.16           | 9.97         | 11.13                   | 10.17                     | 90.4    |          |
| Q1906-03 | WC-4-VOC           | 21     | 1.18           | 9.99         | 11.17                   | 9.91                      | 87.4    |          |
| Q1906-05 | WC-5               | 22     | 1.16           | 10.82        | 11.98                   | 10.19                     | 83.5    |          |
| Q1906-06 | WC-5-EPH           | 23     | 1.13           | 10.41        | 11.54                   | 9.94                      | 84.6    |          |
| Q1906-07 | WC-5-VOC           | 24     | 1.18           | 10.47        | 11.65                   | 11.63                     | 99.8    |          |
| Q1906-09 | WC-6               | 25     | 1.14           | 10.04        | 11.18                   | 10.4                      | 92.2    |          |
| Q1906-10 | WC-6-EPH           | 26     | 1.15           | 10.77        | 11.92                   | 10.23                     | 84.3    |          |
| Q1906-11 | WC-6-VOC           | 27     | 1.14           | 10.47        | 11.61                   | 10.86                     | 92.8    |          |
| Q1906-13 | WC-7               | 28     | 1.14           | 10.85        | 11.99                   | 10.31                     | 84.5    |          |



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 4/29/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:25  
In Date: 04/28/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103  
Time OUT: 08:37  
Out Date: 04/29/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB135575

| Lab ID   | Client SampleID | Dish # | Dish Wt (g) (A) | Sample Wt (g) | Dish + Sample Wt (g) (B) | Dish+Dry Sample Wt (g) (C) | % Solid | Comments |
|----------|-----------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|----------|
| Q1906-14 | WC-7-EPH        | 29     | 1.12            | 9.86          | 10.98                    | 9.7                        | 87.0    |          |
| Q1906-15 | WC-7-VOC        | 30     | 1.13            | 10.27         | 11.4                     | 10.23                      | 88.6    |          |
| Q1907-01 | CO-8R-WC        | 31     | 1.13            | 10.26         | 11.39                    | 9.81                       | 84.6    |          |

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

# WORKLIST(Hardcopy Internal Chain)

135545

WorkList Name : %1-042825

WorkList ID : 189159

Department : Wet-Chemistry

Date : 04-28-2025 07:59:12

| Sample   | Customer Sample    | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|--------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q1872-24 | HW0425-PT-SOL-SOIL | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 04/21/2025   | Chemtech -SO |
| Q1903-01 | COMP-4             | Solid  | Percent Solids | Cool 4 deg C | POWE02   | L51                         | 04/25/2025   | Chemtech -SO |
| Q1903-02 | COMP-5             | Solid  | Percent Solids | Cool 4 deg C | POWE02   | L51                         | 04/25/2025   | Chemtech -SO |
| Q1903-03 | COMP-6             | Solid  | Percent Solids | Cool 4 deg C | POWE02   | L51                         | 04/25/2025   | Chemtech -SO |
| Q1901-01 | B-170-SB00         | Solid  | Percent Solids | Cool 4 deg C | PORT06   | L51                         | 04/26/2025   | Chemtech -SO |
| Q1901-02 | B-167-SB01         | Solid  | Percent Solids | Cool 4 deg C | PORT06   | L51                         | 04/26/2025   | Chemtech -SO |
| Q1901-03 | B-170-SB01         | Solid  | Percent Solids | Cool 4 deg C | PORT06   | L51                         | 04/26/2025   | Chemtech -SO |
| Q1901-04 | B-167-SB02         | Solid  | Percent Solids | Cool 4 deg C | PORT06   | L51                         | 04/26/2025   | Chemtech -SO |
| Q1901-05 | B-170-SB02         | Solid  | Percent Solids | Cool 4 deg C | PORT06   | L51                         | 04/26/2025   | Chemtech -SO |
| Q1902-01 | 343                | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1902-02 | 343                | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1904-01 | VNJ-210            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1905-01 | MH-G               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L51                         | 04/28/2025   | Chemtech -SO |
| Q1905-02 | MH-G-EPH           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L51                         | 04/28/2025   | Chemtech -SO |
| Q1905-03 | MH-G-VOC           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L51                         | 04/28/2025   | Chemtech -SO |
| Q1906-13 | WC-7               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-14 | WC-7-EPH           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-15 | WC-7-VOC           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-05 | WC-5               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-06 | WC-5-EPH           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-07 | WC-5-VOC           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |

Date/Time 04/28/25 16:15  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

Date/Time 04/28/25 17:30  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

# WORKLIST(Hardcopy Internal Chain)

*Handwritten signature*

WorkList Name : %1-042825      WorkList ID : 189159      Department : Wet-Chemistry      Date : 04-28-2025 07:59:12

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q1906-09 | WC-6            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-10 | WC-6-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-11 | WC-6-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1905-05 | MH-H            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L51                         | 04/28/2025   | Chemtech -SO |
| Q1905-06 | MH-H-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L51                         | 04/28/2025   | Chemtech -SO |
| Q1905-07 | MH-H-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L51                         | 04/28/2025   | Chemtech -SO |
| Q1906-01 | WC-4            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-02 | WC-4-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-03 | WC-4-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1907-01 | CO-8R-WC        | Solid  | Percent Solids | Cool 4 deg C | WALS01   | L51                         | 04/28/2025   | Chemtech -SO |

Date/Time 04/28/25 16:15  
 Raw Sample Received by: *Handwritten signature*  
 Raw Sample Relinquished by: *Handwritten signature*

Date/Time 04/28/25 17:30  
 Raw Sample Received by: *Handwritten signature*  
 Raw Sample Relinquished by: *Handwritten signature*

SOP ID: MNJDEP-EPH-7

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RS

Filter By: EH

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 05/01/2025

Extraction Start Time : 08:45

Extraction End Date : 05/01/2025

Extraction End Time : 12:45

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

| Standard Name           | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|-------------------------|----------|---------------------|---------------------|
| Spike Sol 1             | 1.0ML    | 100 PPM             | PP24462             |
| Surrogate               | 1.0ML    | 100 PPM             | PP24491             |
| Fractionation Surrogate | 1.0ML    | 100 PPM             | PP24465             |
| N/A                     | N/A      | N/A                 | N/A                 |
| N/A                     | N/A      | N/A                 | N/A                 |

| Chemical Used     | ML/SAMPLE USED | Lot Number |
|-------------------|----------------|------------|
| MeCl2/Acetone/1:1 | N/A            | EP2600     |
| Baked Na2SO4      | N/A            | EP2607     |
| Sand              | N/A            | E2865      |
| Hexane            | N/A            | E3928      |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |

Extraction Conformance/Non-Conformance Comments:

N/A

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 5/1/25      | RS (Ext Lab)                            | T-P. Pest IP CD      |
| 12:50       | Preparation Group                       | Analysis Group       |

Analytical Method: MNJDEP-EPH-7

Concentration Date: 05/01/2025

| Sample ID   | Client Sample ID  | Test   | g/mL  | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-------------|-------------------|--------|-------|-----|----------------|------------|--------------------|-------|----------|-------------|
|             |                   |        |       |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB167819BL  | PB167819BL        | EPH_NF | 30.01 | N/A | RUPESH         | Evelyn     | 2                  |       |          | U1-1        |
| PB167819BS  | PB167819BS        | EPH_NF | 30.02 | N/A | RUPESH         | Evelyn     | 2                  |       |          | 2           |
| PB167819BSD | PB167819BSD       | EPH_NF | 30.02 | N/A | RUPESH         | Evelyn     | 2                  |       |          | 3           |
| Q1907-01    | CO-8R-WC          | EPH_NF | 30.06 | N/A | RUPESH         | Evelyn     | 2                  | J     |          | 4           |
| Q1916-01    | WC-12             | EPH_NF | 30.01 | N/A | RUPESH         | Evelyn     | 2                  | E     |          | 5           |
| Q1916-02    | WC-12-EPH         | EPH_NF | 30.05 | N/A | RUPESH         | Evelyn     | 2                  |       |          | 6           |
| Q1917-01    | MH-JJ             | EPH_NF | 30.04 | N/A | RUPESH         | Evelyn     | 2                  | E     |          | U2-1        |
| Q1917-01DUP | MH-JJDUP          | EPH_NF | 30.02 | N/A | RUPESH         | Evelyn     | 2                  | E     |          | 2           |
| Q1917-01MS  | MH-JJMS           | EPH_NF | 30.06 | N/A | RUPESH         | Evelyn     | 2                  | E     |          | 3           |
| Q1917-01MSD | MH-JJMSD          | EPH_NF | 30.05 | N/A | RUPESH         | Evelyn     | 2                  | E     |          | 4           |
| Q1917-02    | MH-JJ-EPH         | EPH_NF | 30.03 | N/A | RUPESH         | Evelyn     | 2                  |       |          | 5           |
| Q1920-01    | 291               | EPH_NF | 30.01 | N/A | RUPESH         | Evelyn     | 2                  | E     |          | 6           |
| Q1920-02    | 291-E2            | EPH_NF | 30.04 | N/A | RUPESH         | Evelyn     | 2                  |       |          | U3-1        |
| Q1922-01    | MH-R              | EPH_NF | 30.07 | N/A | RUPESH         | Evelyn     | 2                  | E     |          | 2           |
| Q1922-02    | MH-R-EPH          | EPH_NF | 30.05 | N/A | RUPESH         | Evelyn     | 2                  |       |          | 3           |
| Q1922-05    | MH-S              | EPH_NF | 30.08 | N/A | RUPESH         | Evelyn     | 2                  | E     |          | 4           |
| Q1922-06    | MH-S-EPH          | EPH_NF | 30.03 | N/A | RUPESH         | Evelyn     | 2                  |       |          | 5           |
| Q1923-01    | TR-05-04302025    | EPH_NF | 30.04 | N/A | RUPESH         | Evelyn     | 2                  | E     |          | 6           |
| Q1923-02    | TR-05-04302025-E2 | EPH_NF | 30.06 | N/A | RUPESH         | Evelyn     | 2                  |       |          | U6-1        |

\* Extracts relinquished on the same date as received.

RS  
STI

5m-8  
618691

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1916      WorkList ID : 189250      Department : Extraction      Date : 05-01-2025 08:37:16

| Sample   | Customer Sample   | Matrix | Test   | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-------------------|--------|--------|--------------|----------|-----------------------------|--------------|--------|
| Q1907-01 | CO-8R-WC          | Solid  | EPH_NF | Cool 4 deg C | WALS01   | L51                         | 04/28/2025   | NJEPH  |
| Q1916-01 | WC-12             | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | L41                         | 04/30/2025   | NJEPH  |
| Q1916-02 | WC-12-EPH         | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | L41                         | 04/30/2025   | NJEPH  |
| Q1917-01 | MH-JJ             | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | L41                         | 04/30/2025   | NJEPH  |
| Q1917-02 | MH-JJ-EPH         | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | L41                         | 04/30/2025   | NJEPH  |
| Q1920-01 | 291               | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | L31                         | 04/30/2025   | NJEPH  |
| Q1920-02 | 291-E2            | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | L31                         | 04/30/2025   | NJEPH  |
| Q1922-01 | MH-R              | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | L31                         | 04/30/2025   | NJEPH  |
| Q1922-02 | MH-R-EPH          | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | L31                         | 04/30/2025   | NJEPH  |
| Q1922-05 | MH-S              | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | L31                         | 04/30/2025   | NJEPH  |
| Q1922-06 | MH-S-EPH          | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | L31                         | 04/30/2025   | NJEPH  |
| Q1923-01 | TR-05-04302025    | Solid  | EPH_NF | Cool 4 deg C | PSEG05   | L31                         | 04/30/2025   | NJEPH  |
| Q1923-02 | TR-05-04302025-E2 | Solid  | EPH_NF | Cool 4 deg C | PSEG05   | L31                         | 04/30/2025   | NJEPH  |

Date/Time 5/1/25 8:40  
Raw Sample Received by: RS (Ext Lab)  
Raw Sample Relinquished by: CR sm

Date/Time 5/1/25 9:10  
Raw Sample Received by: CR sm  
Raw Sample Relinquished by: RS (Ext Lab)



# SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Walsh Construction  
ADDRESS: 150 Clare Rd, 11<sup>th</sup> Floor  
CITY: Little Falls STATE: NJ ZIP: 07424  
ATTENTION: Benie Dion Gokan  
PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of Shaft 17B+18B  
PROJECT NO.: 220084 LOCATION: Queens, NY  
PROJECT MANAGER: Jesse Sylvestri  
e-mail: jsylvestri@walshgroup.com  
PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: Walsh Construction PO#:  
ADDRESS: 150 Clare Rd, 11<sup>th</sup> Floor  
CITY: Little Falls STATE: NJ ZIP: 07424  
ATTENTION: Jesse Sylvestri PHONE: 201-681-9740

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) \_\_\_\_\_ DAYS\*  
HARDCOPY (DATA PACKAGE): \_\_\_\_\_ DAYS\*  
EDD: Standard TAT DAYS\*  
\*TO BE APPROVED BY CHEMTECH  
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☒ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)  
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP  
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B  
+ Raw Data ☐ Other \_\_\_\_\_  
☐ EDD FORMAT \_\_\_\_\_

1. TCL VOCs (52100)  
2. TCL SVOCs (52100)  
3. TCL VOCs (52100)  
4. TCL SVOCs (52100)  
5. TCL VOCs (52100)  
6. TCL SVOCs (52100)  
7. TCL VOCs (52100)  
8. TCL SVOCs (52100)  
9. TCL VOCs (52100)  
10. TCL SVOCs (52100)

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |       | # OF BOTTLES | PRESERVATIVES |   |   |   |   |     |   |   |   | COMMENTS                |         |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|-------|--------------|---------------|---|---|---|---|-----|---|---|---|-------------------------|---------|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME  |              | F+E           | G | G | E | E | F+E | G | E | E | ← Specify Preservatives |         |
|                          |                                  |                  |                |      |                      |       |              |               |   |   |   |   |     |   |   |   | A-HCl                   | D-NaOH  |
|                          |                                  |                  |                |      |                      |       |              | 1             | 2 | 3 | 4 | 5 | 6   | 7 | 8 | 9 | B-HNO3                  | E-ICE   |
|                          |                                  |                  |                |      |                      |       |              |               |   |   |   |   |     |   |   |   | C-H2SO4                 | F-OTHER |
| 1.                       | CO-0082-WC                       | Soil             | X              | X    | 4/28/25              | 11:50 | 25           | X             | X | X | X | X | X   | X | X | X | 13x 8oz, 1x 4oz         |         |
| 2.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |     |   |   |   | 2x terracore sets,      |         |
| 3.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |     |   |   |   | 1x encore set           |         |
| 4.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |     |   |   |   |                         |         |
| 5.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |     |   |   |   |                         |         |
| 6.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |     |   |   |   |                         |         |
| 7.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |     |   |   |   |                         |         |
| 8.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |     |   |   |   |                         |         |
| 9.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |     |   |   |   |                         |         |
| 10.                      |                                  |                  |                |      |                      |       |              |               |   |   |   |   |     |   |   |   |                         |         |

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

|                                                   |                                      |                                                      |                                                                                                                                                                           |
|---------------------------------------------------|--------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER:<br>1. <u>[Signature]</u> | DATE/TIME:<br><u>4/28/25 1220</u>    | RECEIVED BY:<br>1. <u>Benie DG</u>                   | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>3.0</u> °C |
| RELINQUISHED BY SAMPLER:<br>2. <u>Benie DG</u>    | DATE/TIME:<br><u>4/28/25 2:00 PM</u> | RECEIVED BY:<br>2. <u>[Signature]</u> <u>4/28/25</u> | Comments: <u>RCRA Characteristics - Ignitability, Corrosivity, Reactivity (Sulfide &amp; Cyanide)</u>                                                                     |
| RELINQUISHED BY SAMPLER:<br>3. <u>[Signature]</u> | DATE/TIME:<br><u>4-28-25</u>         | RECEIVED BY:<br>3. <u>[Signature]</u>                | Full analyte list in J. Peterson email on 4/22/25<br>Bottle order # B2504038<br>Temp 3.0 °C Adjustment factor +1.7 IR Gun #1                                              |

### Laboratory Certification

| Certified By         | License No.      |
|----------------------|------------------|
|                      |                  |
| CAS EPA CLP Contract | 68HERH20D0011    |
|                      |                  |
| Connecticut          | PH-0830          |
|                      |                  |
| DOD ELAP (ANAB)      | L2219            |
|                      |                  |
| Maine                | 2024021          |
|                      |                  |
| Maryland             | 296              |
|                      |                  |
| New Hampshire        | 255424 Rev 1     |
|                      |                  |
| New Jersey           | 20012            |
|                      |                  |
| New York             | 11376            |
|                      |                  |
| Pennsylvania         | 68-00548         |
|                      |                  |
| Soil Permit          | 525-24-234-08441 |
|                      |                  |
| Texas                | T104704488       |

**LOGIN REPORT/SAMPLE TRANSFER**

|                                                |               |                                                 |                              |
|------------------------------------------------|---------------|-------------------------------------------------|------------------------------|
| <b>Order ID :</b> Q1907                        | <b>WALS01</b> | <b>Order Date :</b> 4/28/2025 4:13:00 PM        | <b>Project Mgr :</b>         |
| <b>Client Name :</b> Walsh Construction Compa  |               | <b>Project Name :</b> Walsh CO-032 Sampling     | <b>Report Type :</b> Level 2 |
| <b>Client Contact :</b> Jesse A. Sylvestri     |               | <b>Receive DateTime :</b> 4/28/2025 12:00:00 AM | <b>EDD Type :</b> Excel NY   |
| <b>Invoice Name :</b> Walsh Construction Compa |               | <b>Purchase Order :</b> 16:10                   | <b>Hard Copy Date :</b>      |
| <b>Invoice Contact :</b> Jesse A. Sylvestri    |               |                                                 | <b>Date Signoff :</b>        |

| LAB ID   | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST          | TEST GROUP | METHOD | FAX DATE | DUE DATES    |
|----------|-----------|--------|-------------|-------------|---------------|------------|--------|----------|--------------|
| Q1907-01 | CO-8R-WC  | Solid  | 04/28/2025  | 11:50       | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days |

Relinquished By : 

Date / Time : 4-28-25 1645

Received By : 

Date / Time : 4/28/25 1645

Storage Area : VOA Refridgerator Room