

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE093024AL\  
 Data File : FE050442.D  
 Signal(s) : FID1B.ch  
 Acq On : 30 Sep 2024 18:33  
 Operator : YP\AJ  
 Sample : P4225-01MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

TR-04-092724MS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :Ankita Jodhani 10/01/2024

Integration File: autoint1.e

Quant Time: Oct 01 02:06:52 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 2024

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)    | 11.866 | 3987422    | 26.801 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 53.60%        |
| 12) S 1-chlorooctadecane (S... | 13.299 | 3382994    | 30.117 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 60.23%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.258  | 5028050    | 37.095 ug/ml  |
| 2) T n-Decane (C10)            | 4.508  | 5632775    | 40.814 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.215  | 6261756    | 44.737 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.673  | 6146155    | 44.446 ug/mlm |
| 5) T A~2-methylnaphthalene...  | 7.311  | 5904397    | 44.921 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.502  | 7016096    | 51.524 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.107 | 7359012    | 52.980 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.548 | 7378117    | 52.662 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.858 | 7378888    | 55.007 ug/mlm |
| 11) T n-Heneicosane (C21)      | 13.467 | 7134550    | 54.298 ug/ml  |
| 13) T n-Docosane (C22)         | 14.052 | 7075107    | 54.333 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.152 | 13473046   | 103.170 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.174 | 6896903    | 53.908 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.122 | 7936598    | 61.615 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.010 | 7338585    | 54.880 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.841 | 7337697    | 55.064 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.625 | 7573782    | 61.296 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.365 | 7206453    | 64.952 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.090 | 7303465    | 66.227 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.977 | 6511440    | 59.840 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE093024AL\  
Data File : FE050442.D  
Signal(s) : FID1B.ch  
Acq On : 30 Sep 2024 18:33  
Operator : YP\AJ  
Sample : P4225-01MS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

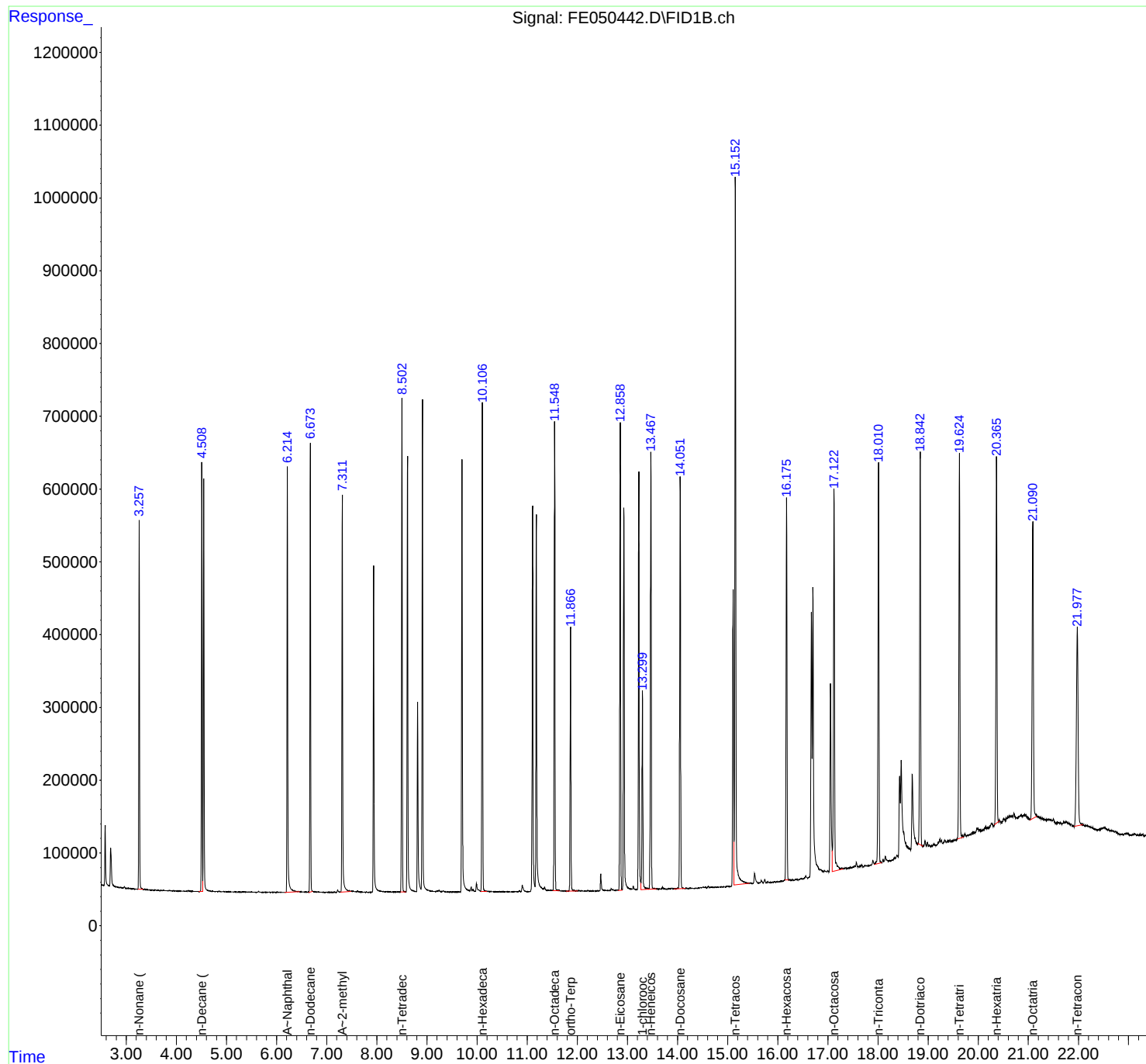
Instrument :  
FID\_E  
ClientSampleId :  
TR-04-092724MS

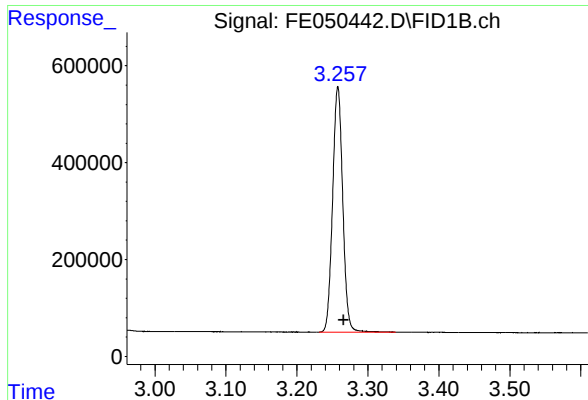
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/01/2024  
Supervised By :Ankita Jodhani 10/01/2024

Integration File: autoint1.e  
Quant Time: Oct 01 02:06:52 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.  
Quant Title : GC Extractables  
QLast Update : Mon Sep 09 17:11:47 2024  
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.: 3.258 min  
Delta R.T.: -0.008 min  
Response: 5028050  
Conc: 37.09 ug/ml

Instrument :

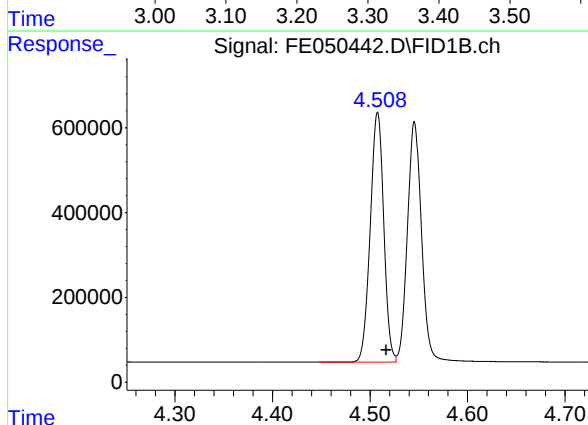
FID\_E

ClientSampleId :

TR-04-092724MS

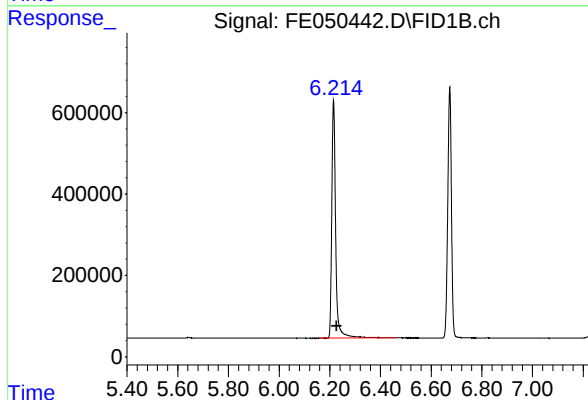
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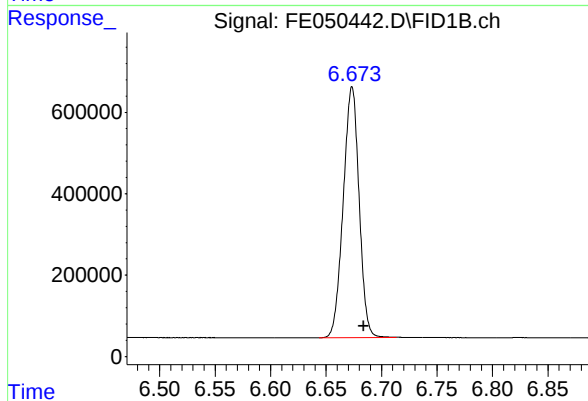
#2 n-Decane (C10)

R.T.: 4.508 min  
Delta R.T.: -0.009 min  
Response: 5632775  
Conc: 40.81 ug/ml



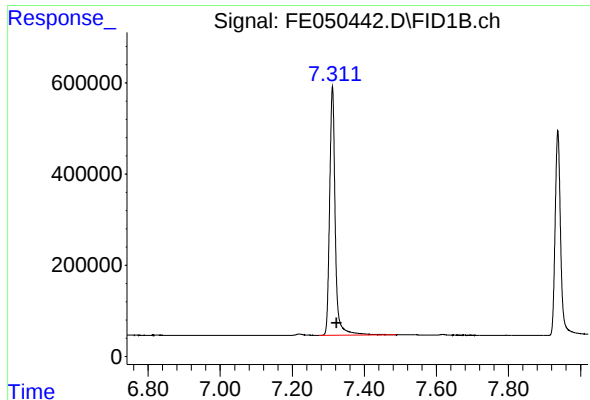
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min  
Delta R.T.: -0.012 min  
Response: 6261756  
Conc: 44.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.673 min  
Delta R.T.: -0.011 min  
Response: 6146155  
Conc: 44.45 ug/ml m



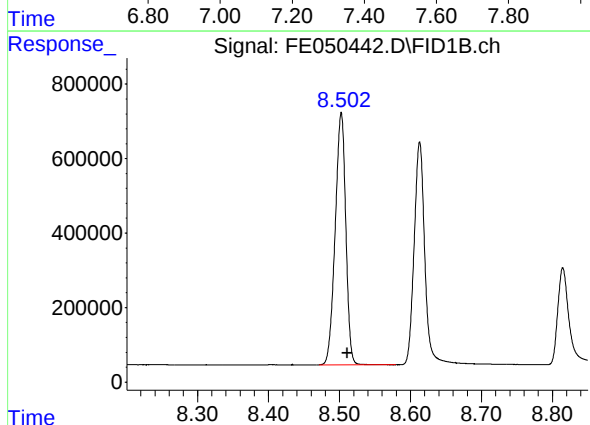
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.311 min  
Delta R.T.: -0.012 min  
Response: 5904397  
Conc: 44.92 ug/ml

Instrument :  
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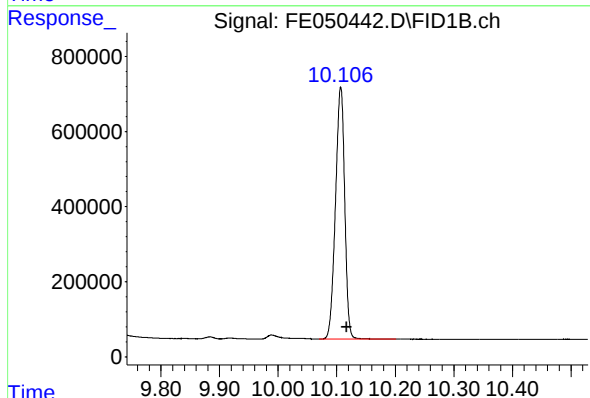
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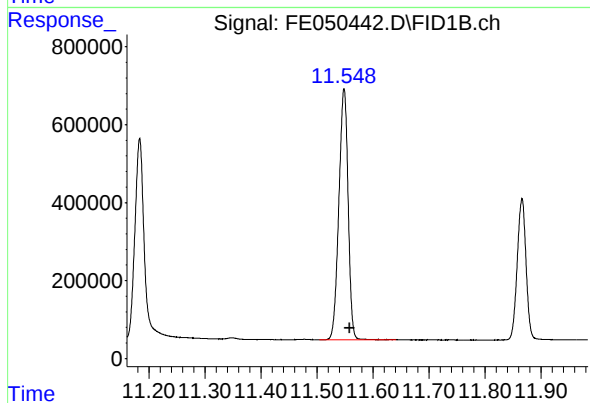
#6 n-Tetradecane (C14)

R.T.: 8.502 min  
Delta R.T.: -0.008 min  
Response: 7016096  
Conc: 51.52 ug/ml



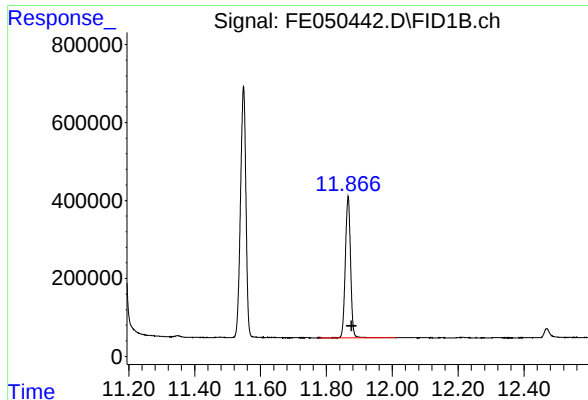
#7 n-Hexadecane (C16)

R.T.: 10.107 min  
Delta R.T.: -0.010 min  
Response: 7359012  
Conc: 52.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.548 min  
Delta R.T.: -0.011 min  
Response: 7378117  
Conc: 52.66 ug/ml



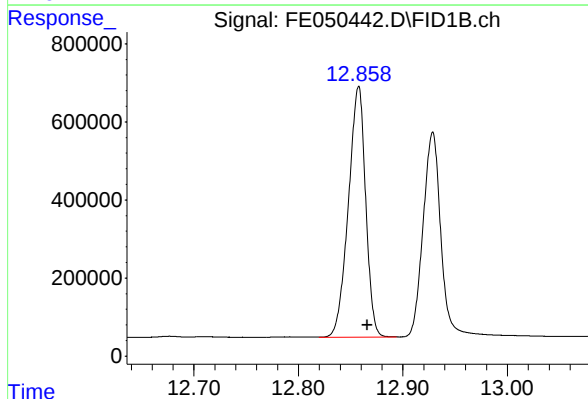
# #9 ortho-Terphenyl (SURR)

R.T.: 11.866 min  
Delta R.T.: -0.011 min  
Response: 3987422  
Conc: 26.80 ug/ml

Instrument :  
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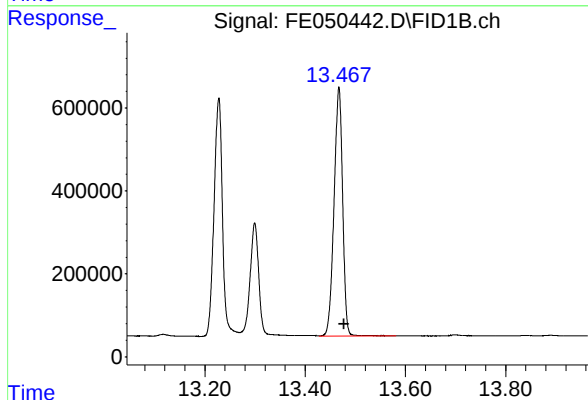
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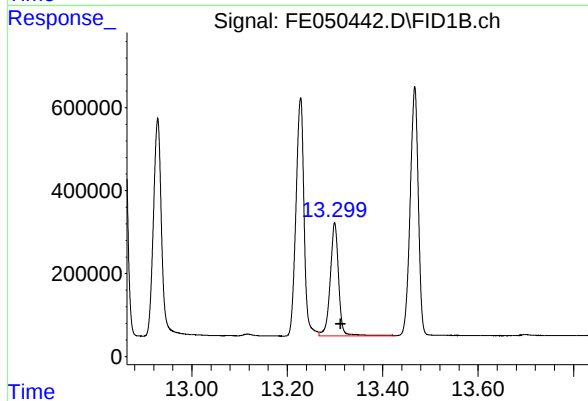
# #10 n-Eicosane (C20)

R.T.: 12.858 min  
Delta R.T.: -0.008 min  
Response: 7378888  
Conc: 55.01 ug/ml m



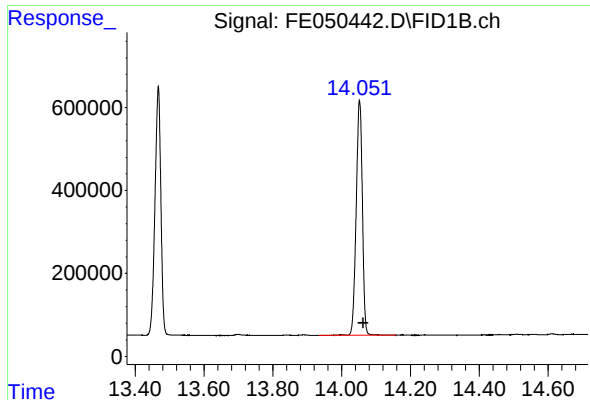
# #11 n-Heneicosane (C21)

R.T.: 13.467 min  
Delta R.T.: -0.011 min  
Response: 7134550  
Conc: 54.30 ug/ml



# #12 1-chlorooctadecane (SURR)

R.T.: 13.299 min  
Delta R.T.: -0.012 min  
Response: 3382994  
Conc: 30.12 ug/ml



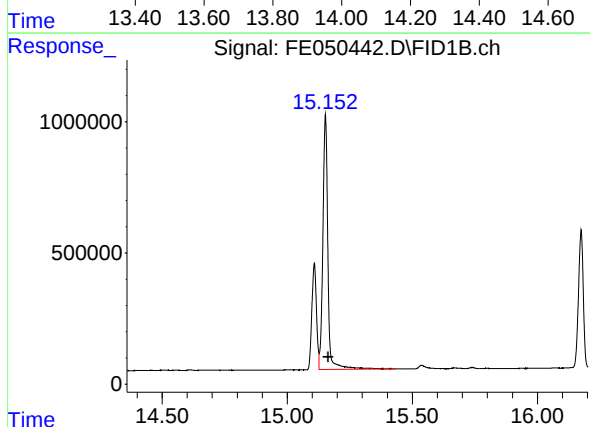
#13 n-Docosane (C22)

R.T.: 14.052 min  
Delta R.T.: -0.011 min  
Response: 7075107  
Conc: 54.33 ug/ml

Instrument :  
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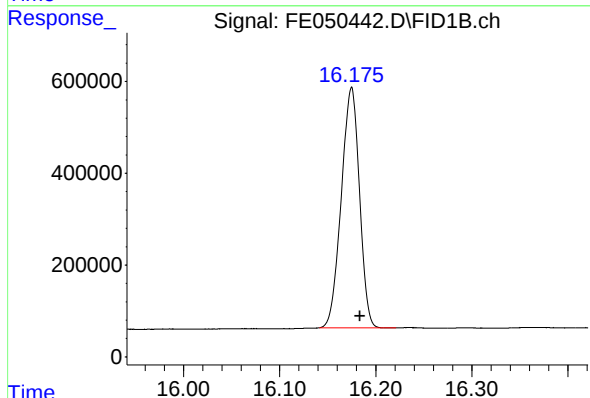
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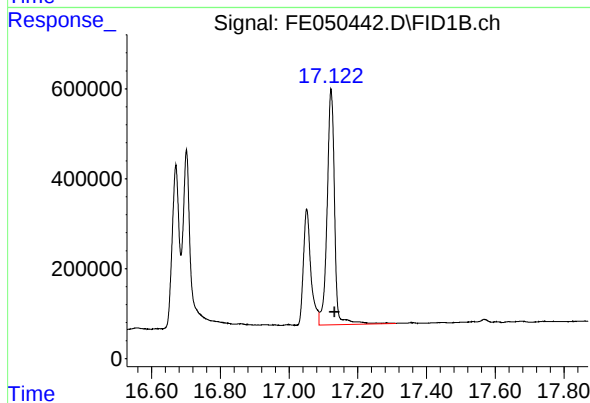
#14 n-Tetracosane (C24)

R.T.: 15.152 min  
Delta R.T.: -0.012 min  
Response: 13473046  
Conc: 103.17 ug/ml



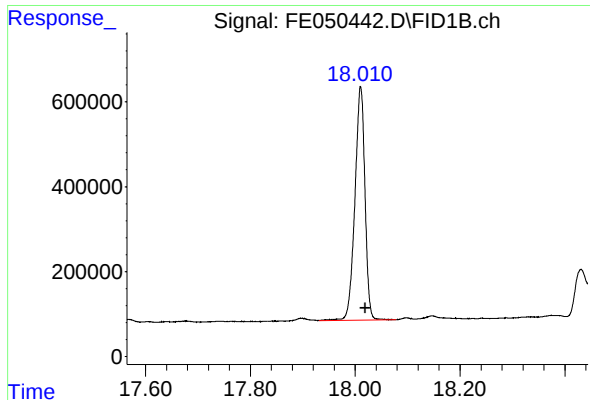
#15 n-Hexacosane (C26)

R.T.: 16.174 min  
Delta R.T.: -0.009 min  
Response: 6896903  
Conc: 53.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.122 min  
Delta R.T.: -0.011 min  
Response: 7936598  
Conc: 61.62 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.010 min  
Delta R.T.: -0.010 min  
Response: 7338585  
Conc: 54.88 ug/ml

Instrument :

FID\_E

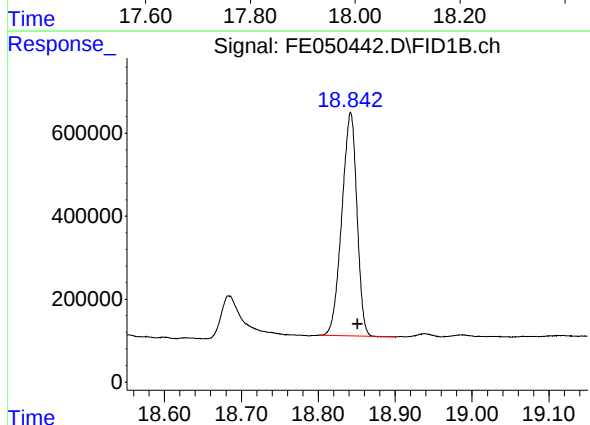
ClientSampleId :

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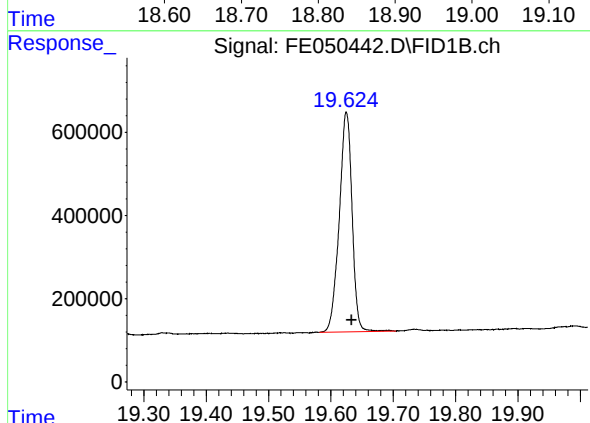
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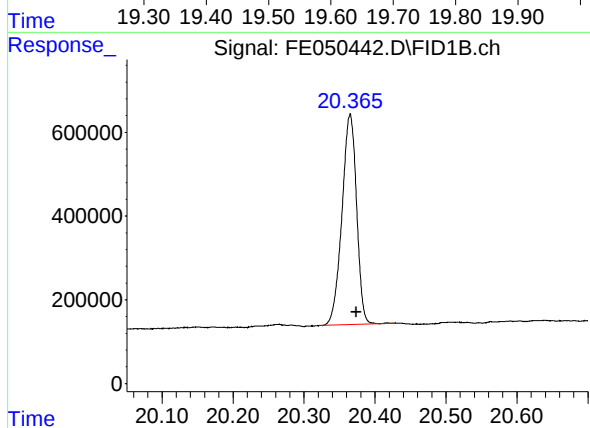
#18 n-Dotriacontane (C32)

R.T.: 18.841 min  
Delta R.T.: -0.010 min  
Response: 7337697  
Conc: 55.06 ug/ml



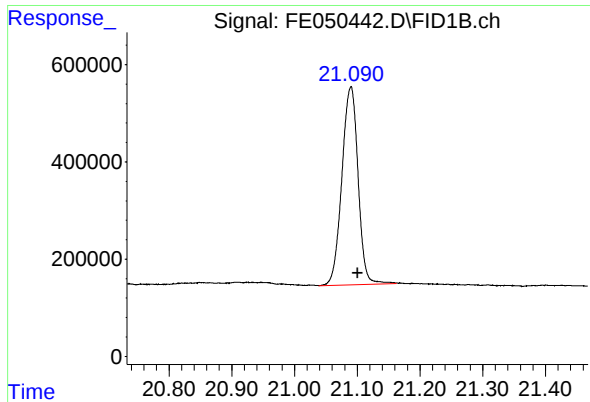
#19 n-Tetratriacontane (C34)

R.T.: 19.625 min  
Delta R.T.: -0.009 min  
Response: 7573782  
Conc: 61.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.365 min  
Delta R.T.: -0.009 min  
Response: 7206453  
Conc: 64.95 ug/ml



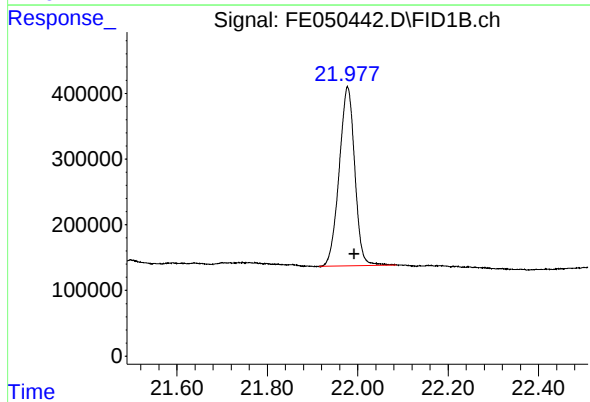
#21 n-Octatriacontane (C38)

R.T.: 21.090 min  
Delta R.T.: -0.011 min  
Response: 7303465  
Conc: 66.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.977 min  
Delta R.T.: -0.015 min  
Response: 6511440  
Conc: 59.84 ug/ml m