

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090324AL\  
 Data File : FE049899.D  
 Signal(s) : FID1B.ch  
 Acq On : 03 Sep 2024 17:45  
 Operator : YP\AJ  
 Sample : P3813-03MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

TR-06-083024MS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 09/04/2024

Supervised By :Ankita Jodhani 09/04/2024

Integration File: autoint1.e

Quant Time: Sep 04 01:33:20 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 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)    | 11.881 | 5476696    | 33.867 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 67.73%        |
| 12) S 1-chlorooctadecane (S... | 13.315 | 4245772    | 34.800 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 69.60%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.269  | 4232136    | 27.348 ug/ml  |
| 2) T n-Decane (C10)            | 4.520  | 4762102    | 30.161 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.227  | 5242961    | 32.676 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.687  | 5548948    | 35.297 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.323  | 5663614    | 37.819 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.517  | 6691864    | 43.347 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.122 | 7735259    | 49.528 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.564 | 7894255    | 50.265 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.872 | 7510523    | 50.303 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.483 | 7119499    | 48.532 ug/ml  |
| 13) T n-Docosane (C22)         | 14.068 | 6716192    | 46.080 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.165 | 11388325   | 78.289 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.189 | 6177487    | 42.803 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.138 | 6768605    | 46.991 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.026 | 6473785    | 43.244 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.856 | 6478331    | 42.823 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.640 | 6897032    | 45.114 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.381 | 6666500    | 43.901 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.108 | 6985299    | 44.506 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.004 | 6507522    | 42.622 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090324AL\  
Data File : FE049899.D  
Signal(s) : FID1B.ch  
Acq On : 03 Sep 2024 17:45  
Operator : YP\AJ  
Sample : P3813-03MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

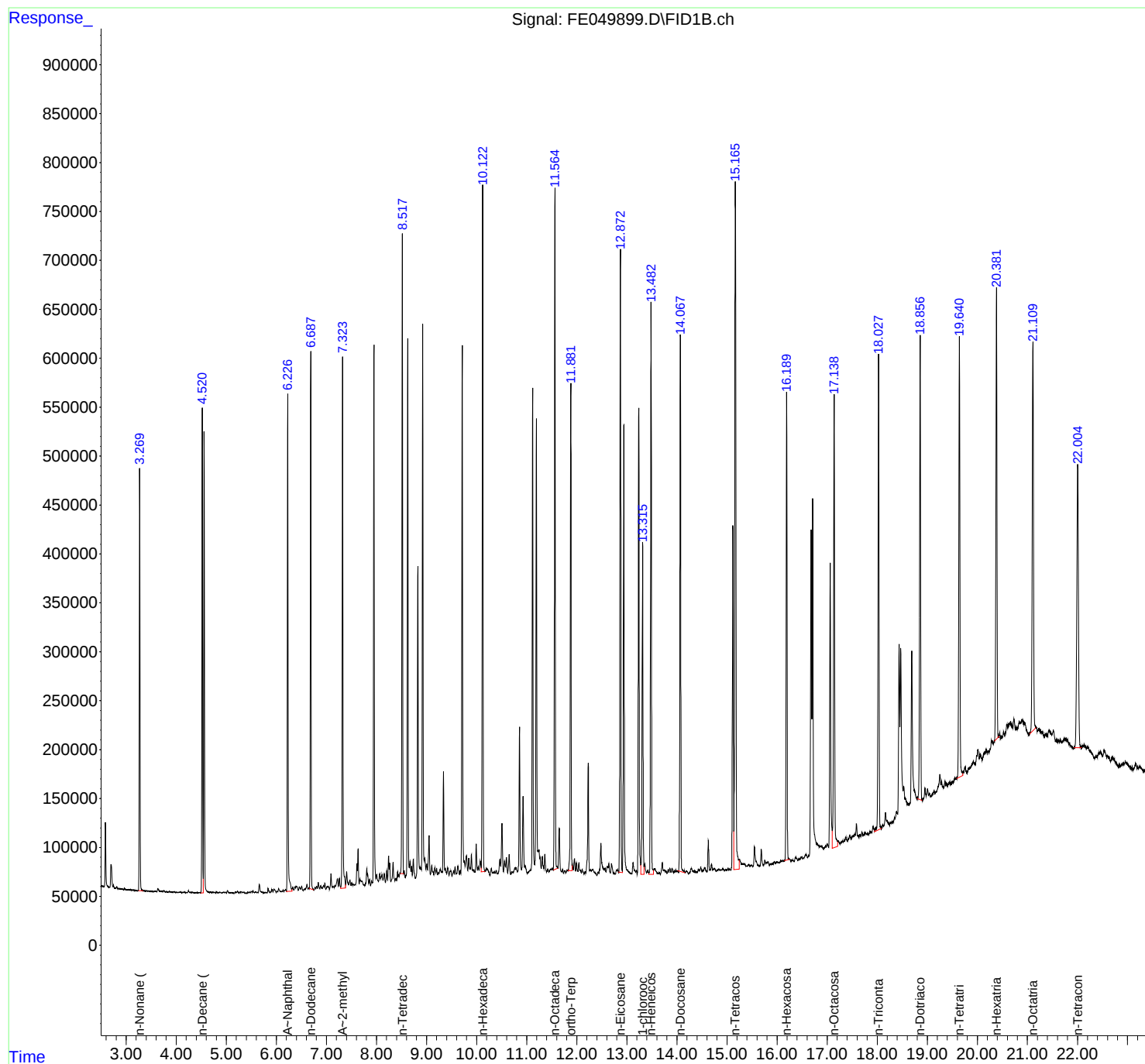
Instrument :  
FID\_E  
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TR-06-083024MS

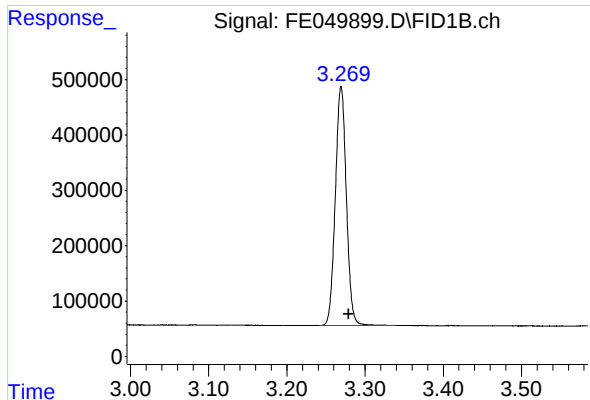
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/04/2024  
Supervised By :Ankita Jodhani 09/04/2024

Integration File: autoint1.e  
Quant Time: Sep 04 01:33:20 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 11:05:17 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.: 3.269 min  
Delta R.T.: -0.010 min  
Response: 4232136  
Conc: 27.35 ug/ml

Instrument :

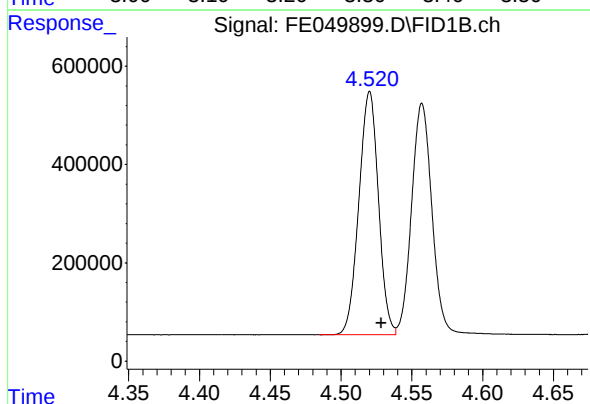
FID\_E

ClientSampleId :

TR-06-083024MS

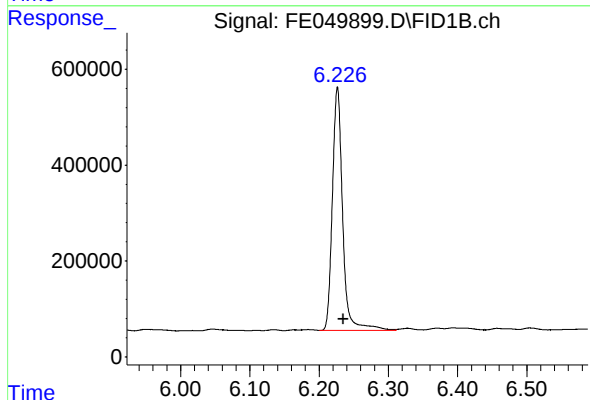
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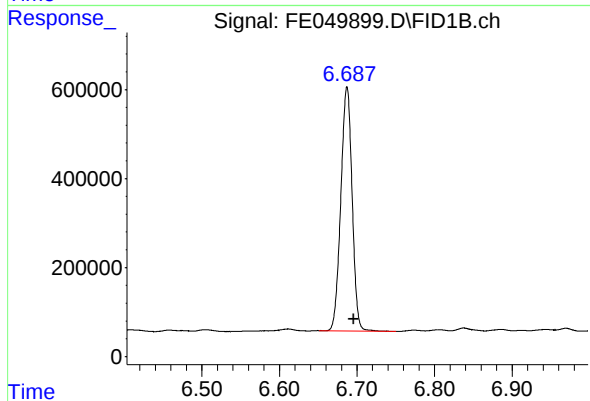
#2 n-Decane (C10)

R.T.: 4.520 min  
Delta R.T.: -0.009 min  
Response: 4762102  
Conc: 30.16 ug/ml



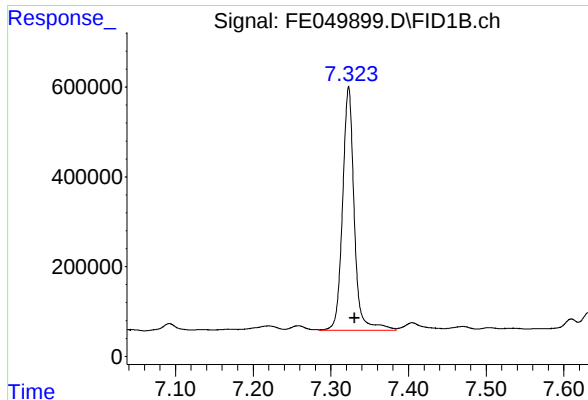
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min  
Delta R.T.: -0.008 min  
Response: 5242961  
Conc: 32.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min  
Delta R.T.: -0.009 min  
Response: 5548948  
Conc: 35.30 ug/ml



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

R.T.: 7.323 min  
Delta R.T.: -0.008 min  
Response: 5663614  
Conc: 37.82 ug/ml

Instrument :

FID\_E

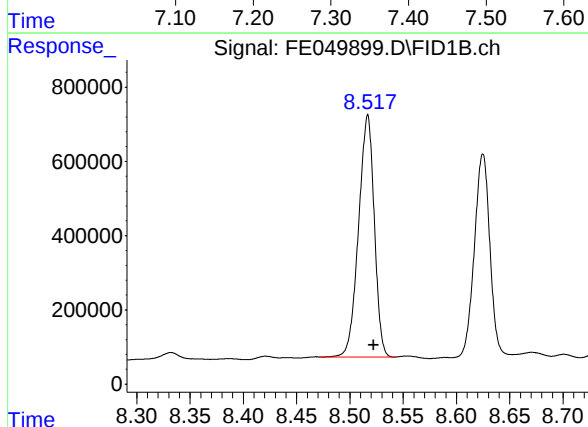
ClientSampleId :

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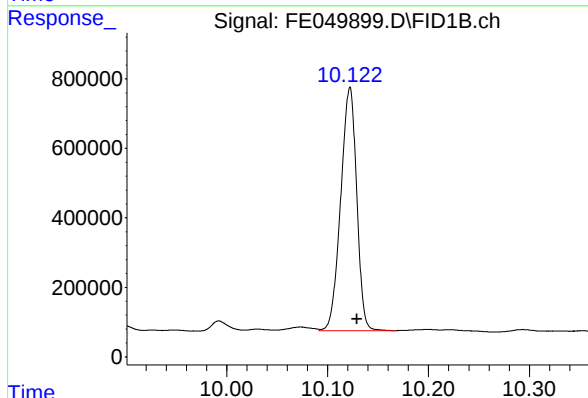
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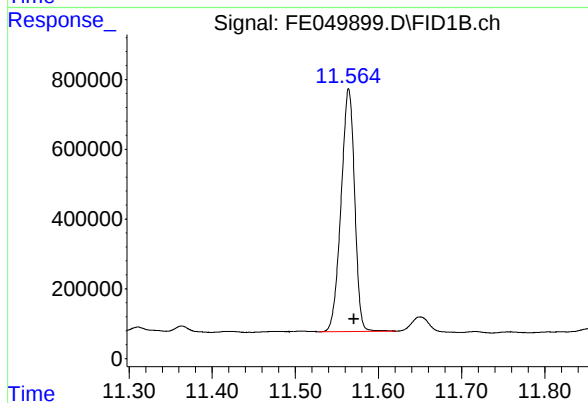
#6 n-Tetradecane (C14)

R.T.: 8.517 min  
Delta R.T.: -0.006 min  
Response: 6691864  
Conc: 43.35 ug/ml



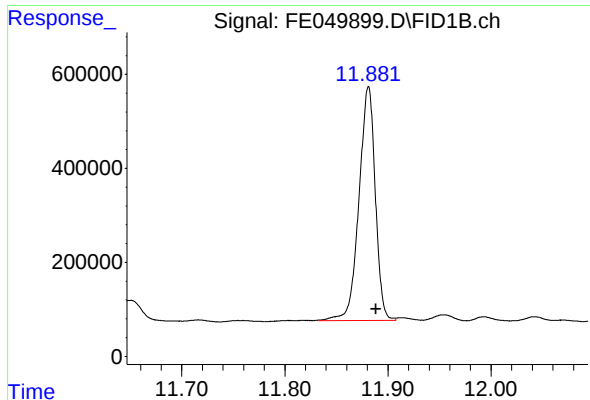
#7 n-Hexadecane (C16)

R.T.: 10.122 min  
Delta R.T.: -0.007 min  
Response: 7735259  
Conc: 49.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.564 min  
Delta R.T.: -0.006 min  
Response: 7894255  
Conc: 50.26 ug/ml



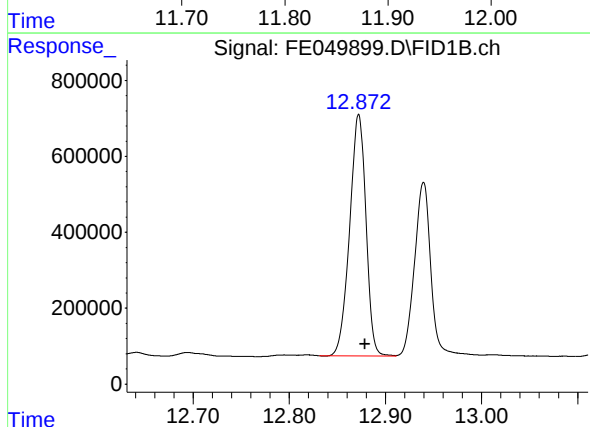
#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min  
Delta R.T.: -0.007 min  
Response: 5476696  
Conc: 33.87 ug/ml

Instrument :  
FID\_E  
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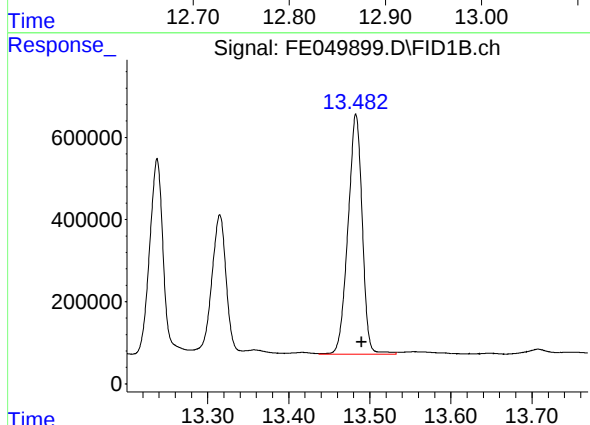
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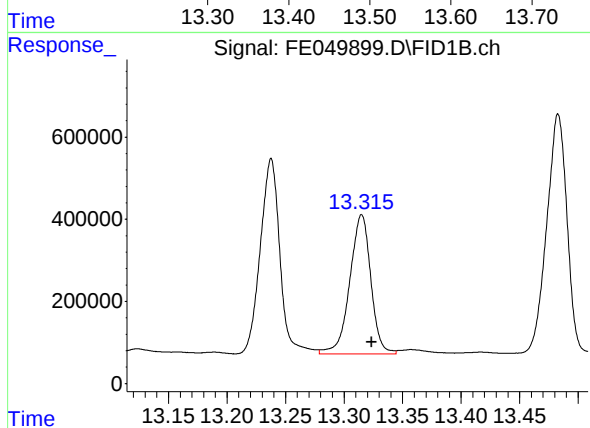
#10 n-Eicosane (C20)

R.T.: 12.872 min  
Delta R.T.: -0.006 min  
Response: 7510523  
Conc: 50.30 ug/ml



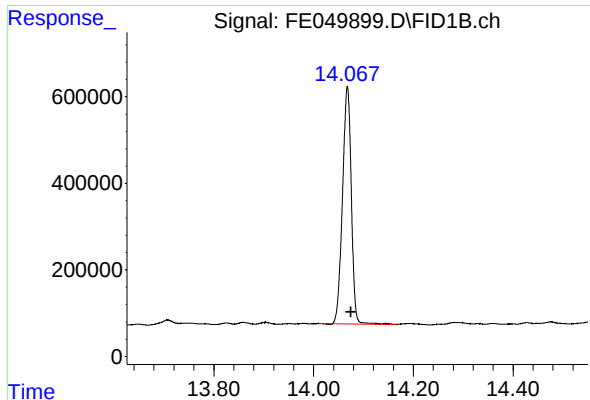
#11 n-Heneicosane (C21)

R.T.: 13.483 min  
Delta R.T.: -0.007 min  
Response: 7119499  
Conc: 48.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min  
Delta R.T.: -0.009 min  
Response: 4245772  
Conc: 34.80 ug/ml



#13 n-Docosane (C22)

R.T.: 14.068 min  
Delta R.T.: -0.007 min  
Response: 6716192  
Conc: 46.08 ug/ml

Instrument :

FID\_E

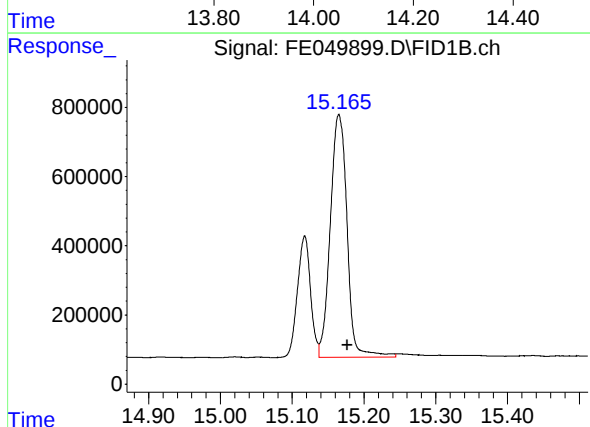
ClientSampleId :

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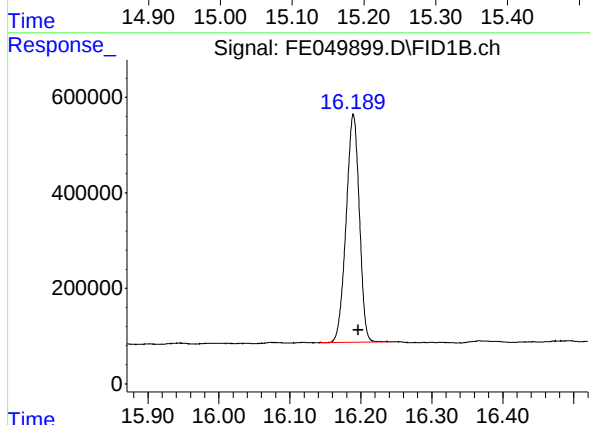
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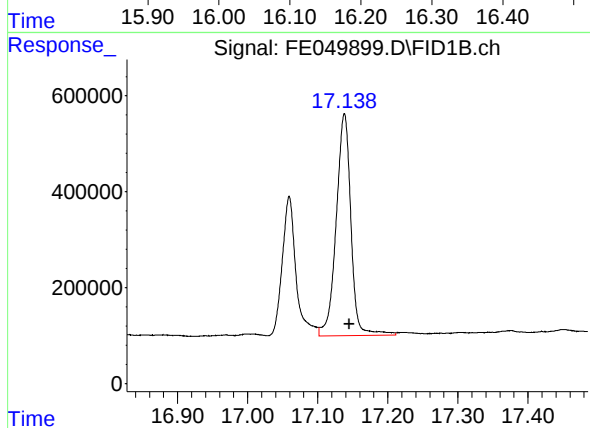
#14 n-Tetracosane (C24)

R.T.: 15.165 min  
Delta R.T.: -0.012 min  
Response: 11388325  
Conc: 78.29 ug/ml



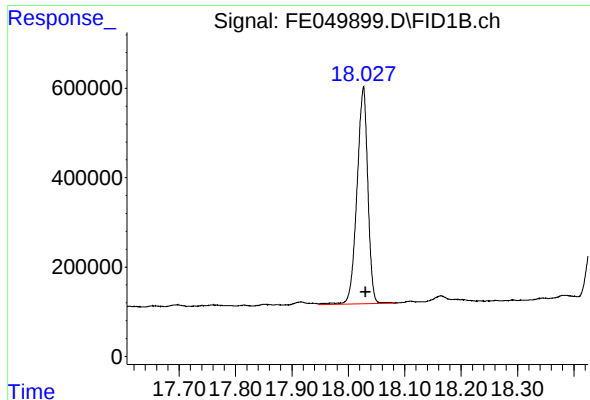
#15 n-Hexacosane (C26)

R.T.: 16.189 min  
Delta R.T.: -0.007 min  
Response: 6177487  
Conc: 42.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.138 min  
Delta R.T.: -0.007 min  
Response: 6768605  
Conc: 46.99 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.026 min  
Delta R.T.: -0.005 min  
Response: 6473785  
Conc: 43.24 ug/ml

Instrument :

FID\_E

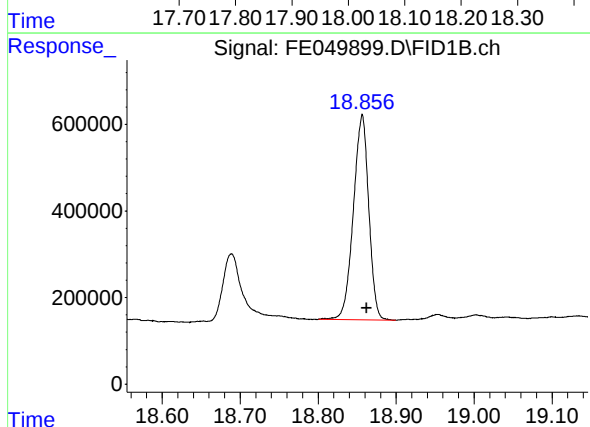
ClientSampleId :

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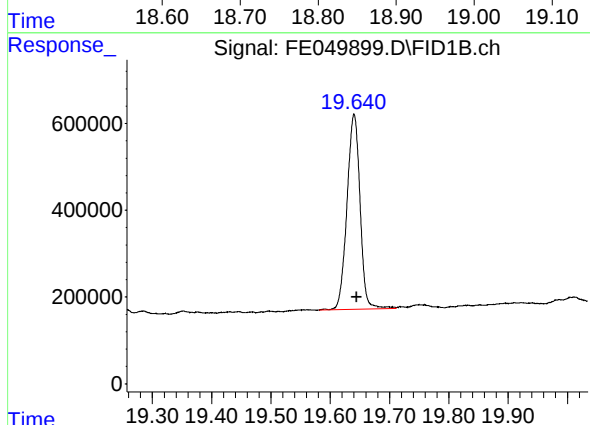
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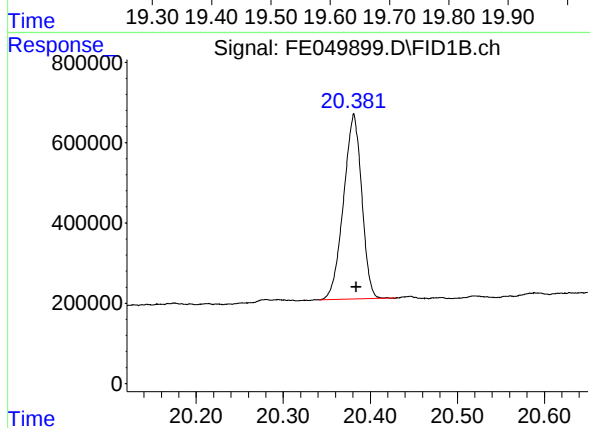
#18 n-Dotriacontane (C32)

R.T.: 18.856 min  
Delta R.T.: -0.006 min  
Response: 6478331  
Conc: 42.82 ug/ml



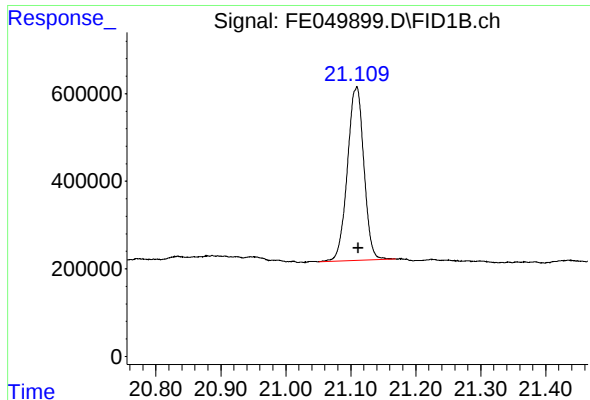
#19 n-Tetratriacontane (C34)

R.T.: 19.640 min  
Delta R.T.: -0.004 min  
Response: 6897032  
Conc: 45.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.381 min  
Delta R.T.: -0.003 min  
Response: 6666500  
Conc: 43.90 ug/ml



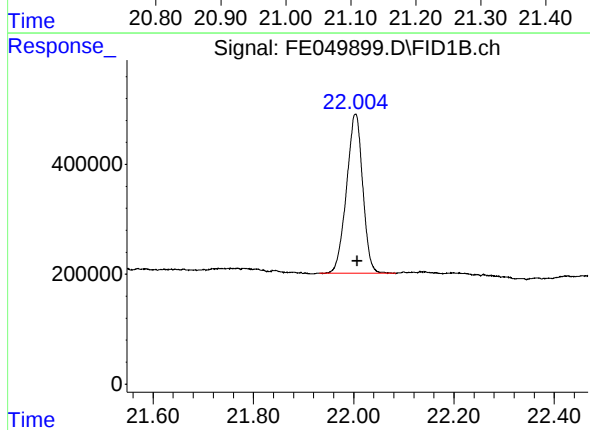
#21 n-Octatriacontane (C38)

R.T.: 21.108 min  
Delta R.T.: -0.003 min  
Response: 6985299  
Conc: 44.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.004 min  
Delta R.T.: -0.004 min  
Response: 6507522  
Conc: 42.62 ug/ml