

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090624AL\  
 Data File : FE049958.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 Sep 2024 20:32  
 Operator : YP\AJ  
 Sample : P3857-04MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 WC-C2-COMPMSD

Manual Integrations  
 APPROVED

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

Integration File: autoint1.e  
 Quant Time: Sep 07 01:00:14 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 | 5528457    | 34.187 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 68.37%        |
| 12) S 1-chlorooctadecane (S... | 13.315 | 4541582    | 37.224 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 74.45%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.270  | 5886225    | 38.036 ug/ml  |
| 2) T n-Decane (C10)            | 4.522  | 6758916    | 42.808 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.228  | 7418659    | 46.236 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.688  | 7765512    | 49.396 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.325  | 7607728    | 50.801 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.518  | 8452716    | 54.753 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.122 | 8653412    | 55.406 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.564 | 8835217    | 56.256 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.872 | 8862852    | 59.360 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.483 | 8613940    | 58.719 ug/ml  |
| 13) T n-Docosane (C22)         | 14.068 | 8490941    | 58.256 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.167 | 15505915   | 106.595 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.192 | 8315281    | 57.615 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.140 | 9157086    | 63.574 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.027 | 8569883    | 57.246 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.858 | 8673225    | 57.331 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.640 | 9057354    | 59.245 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.380 | 9080621    | 59.799 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.110 | 9324018    | 59.406 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.002 | 8890524    | 58.230 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 06 Sep 2024 20:32  
Operator : YP\AJ  
Sample : P3857-04MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

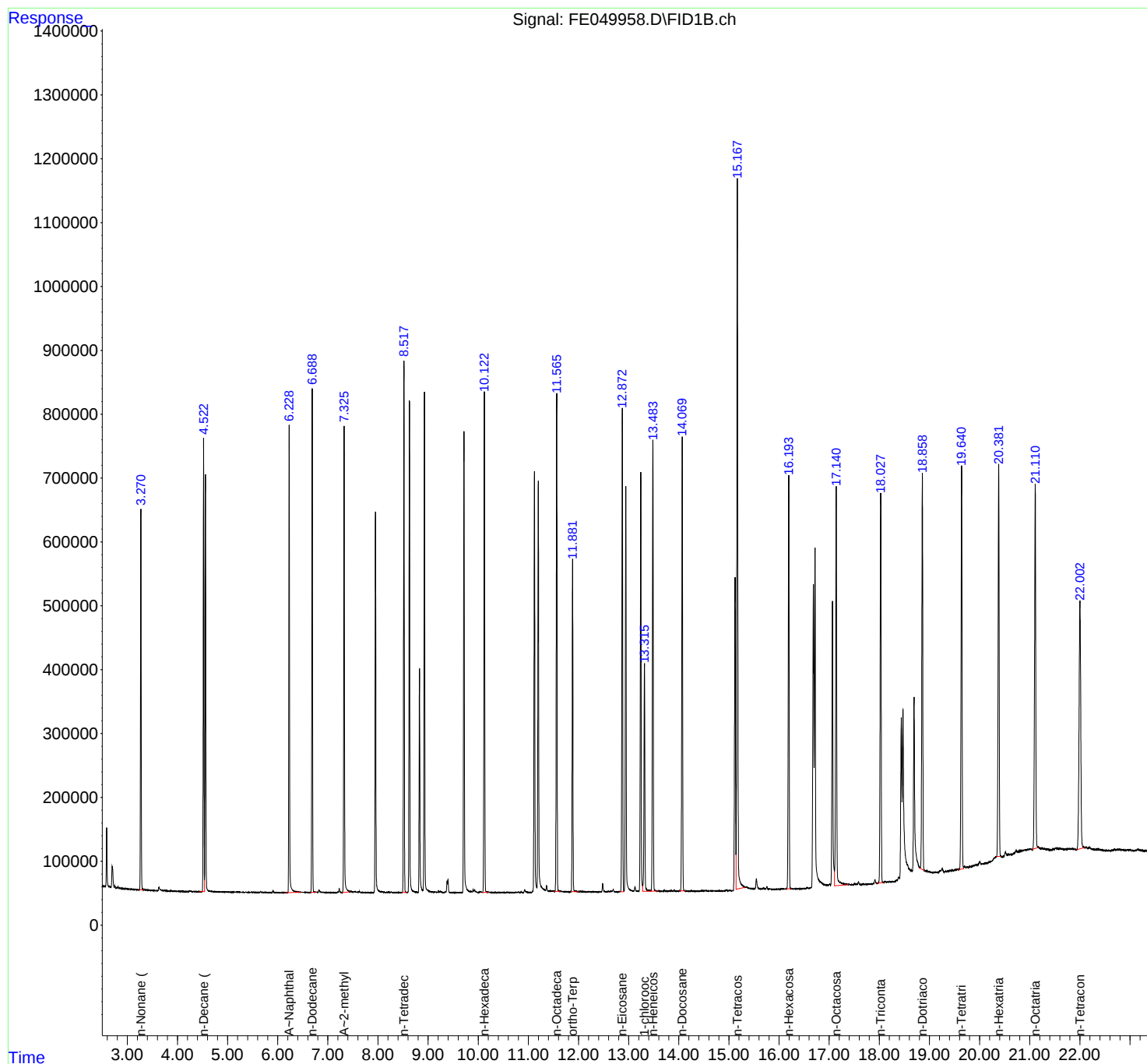
Instrument :  
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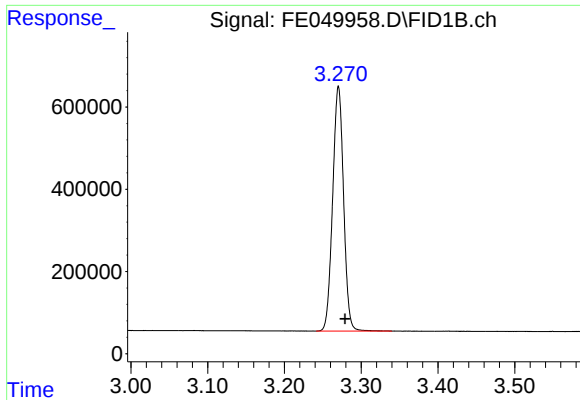
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Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.270 min  
Delta R.T.: -0.009 min  
Response: 5886225  
Conc: 38.04 ug/ml

Instrument :

FID\_E

ClientSampleId :

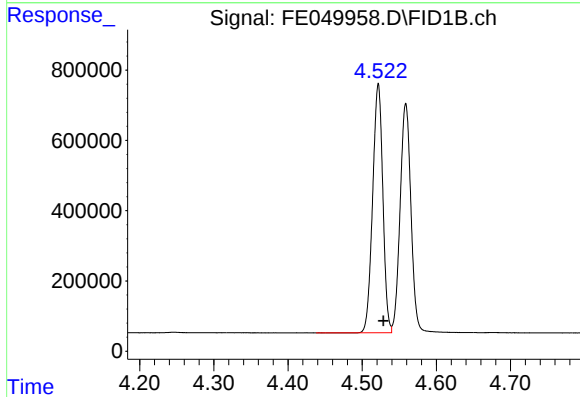
WC-C2-COMPMSD

Manual Integrations

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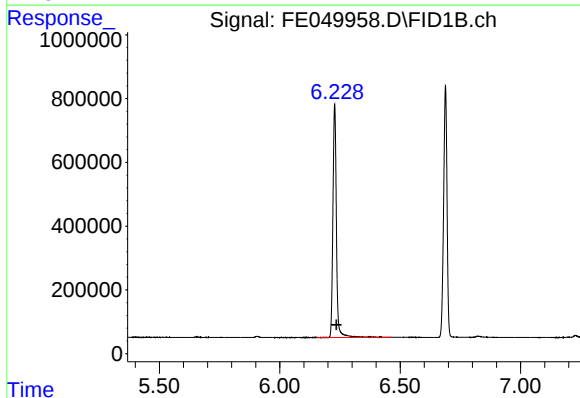
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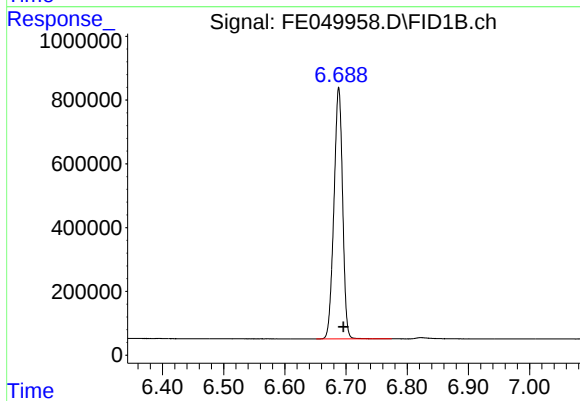
#2 n-Decane (C10)

R.T.: 4.522 min  
Delta R.T.: -0.007 min  
Response: 6758916  
Conc: 42.81 ug/ml



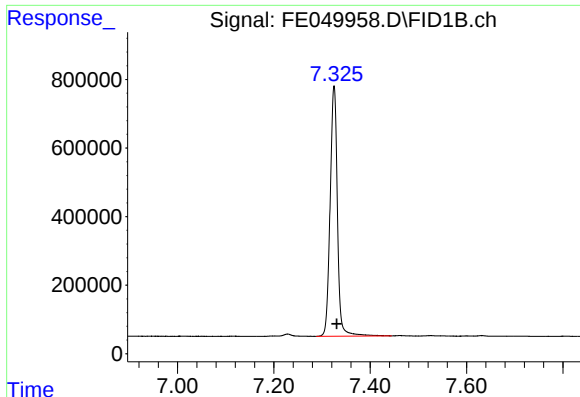
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min  
Delta R.T.: -0.007 min  
Response: 7418659  
Conc: 46.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.688 min  
Delta R.T.: -0.008 min  
Response: 7765512  
Conc: 49.40 ug/ml



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

R.T.: 7.325 min  
Delta R.T.: -0.006 min  
Response: 7607728  
Conc: 50.80 ug/ml

Instrument :

FID\_E

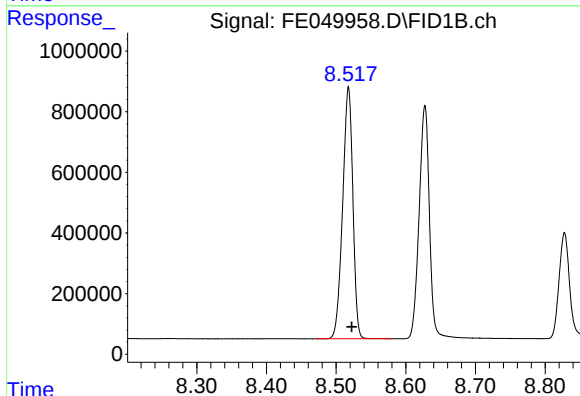
ClientSampleId :

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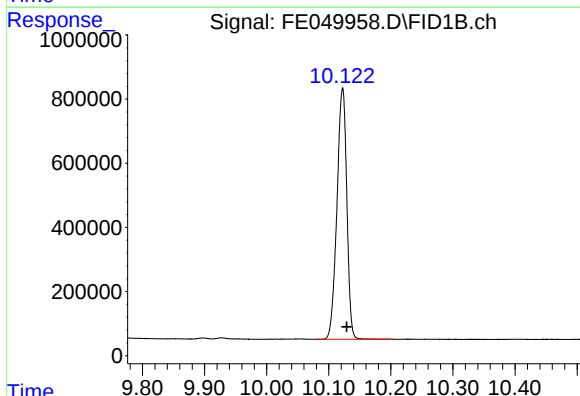
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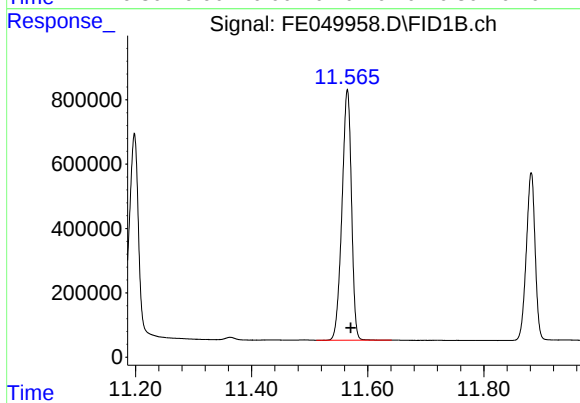
#6 n-Tetradecane (C14)

R.T.: 8.518 min  
Delta R.T.: -0.005 min  
Response: 8452716  
Conc: 54.75 ug/ml



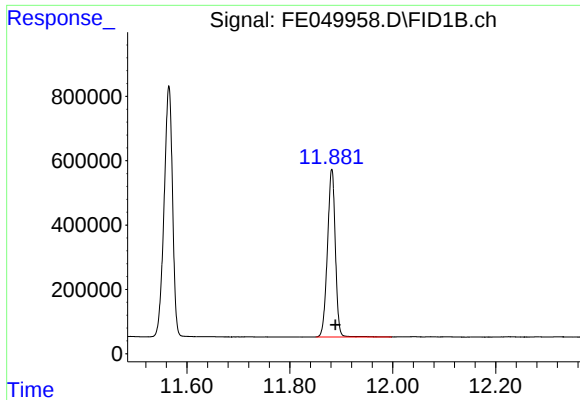
#7 n-Hexadecane (C16)

R.T.: 10.122 min  
Delta R.T.: -0.007 min  
Response: 8653412  
Conc: 55.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.564 min  
Delta R.T.: -0.006 min  
Response: 8835217  
Conc: 56.26 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min  
Delta R.T.: -0.007 min  
Response: 5528457  
Conc: 34.19 ug/ml

Instrument :

FID\_E

ClientSampleId :

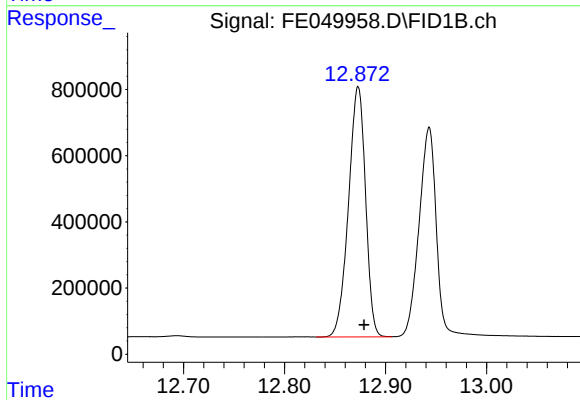
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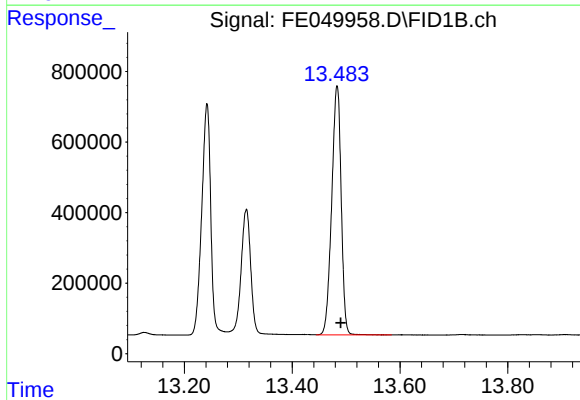
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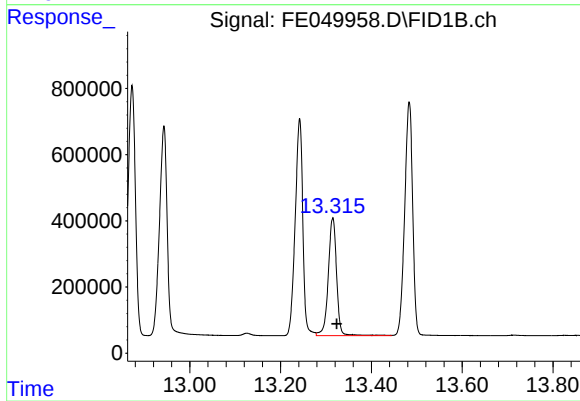
#10 n-Eicosane (C20)

R.T.: 12.872 min  
Delta R.T.: -0.006 min  
Response: 8862852  
Conc: 59.36 ug/ml



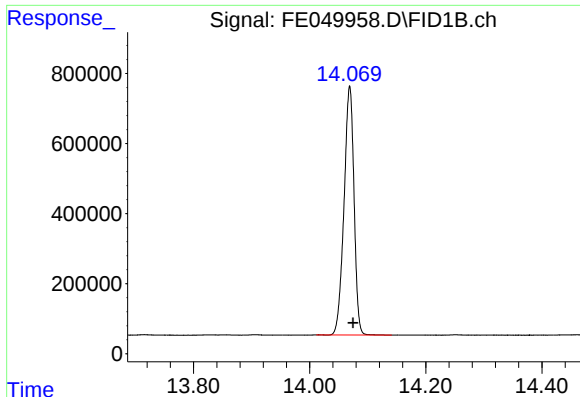
#11 n-Heneicosane (C21)

R.T.: 13.483 min  
Delta R.T.: -0.007 min  
Response: 8613940  
Conc: 58.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min  
Delta R.T.: -0.009 min  
Response: 4541582  
Conc: 37.22 ug/ml



#13 n-Docosane (C22)

R.T.: 14.068 min  
Delta R.T.: -0.007 min  
Response: 8490941  
Conc: 58.26 ug/ml

Instrument :

FID\_E

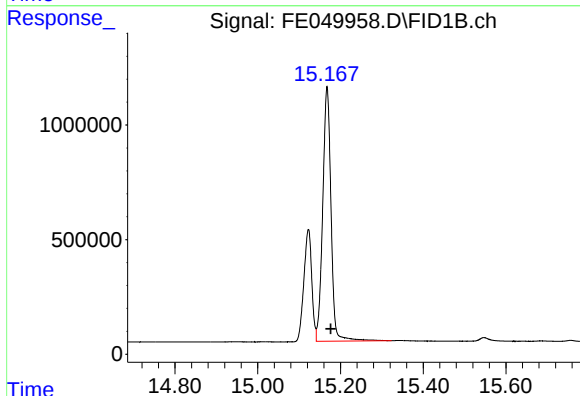
ClientSampleId :

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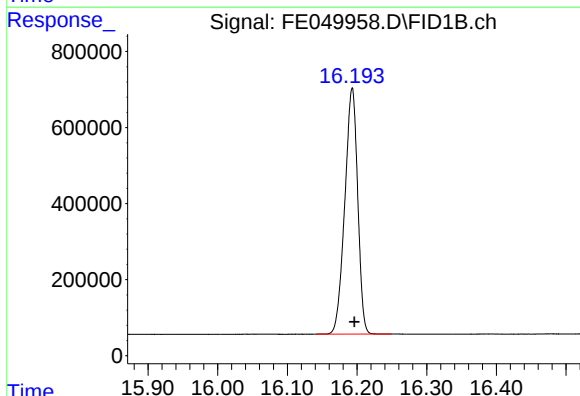
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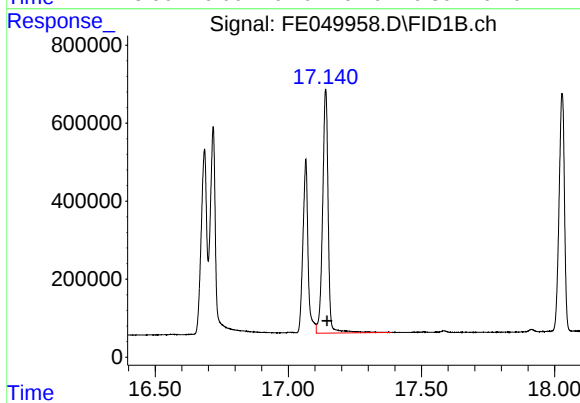
#14 n-Tetracosane (C24)

R.T.: 15.167 min  
Delta R.T.: -0.009 min  
Response: 15505915  
Conc: 106.59 ug/ml



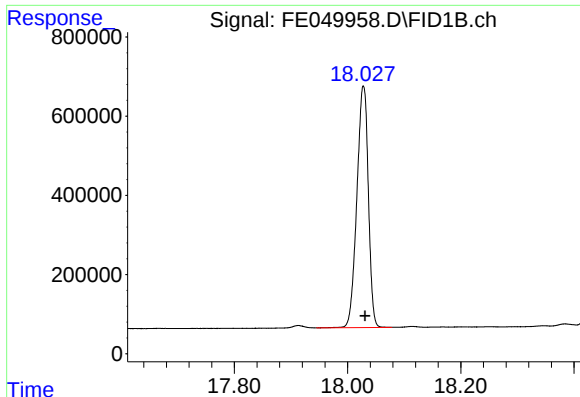
#15 n-Hexacosane (C26)

R.T.: 16.192 min  
Delta R.T.: -0.004 min  
Response: 8315281  
Conc: 57.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.140 min  
Delta R.T.: -0.005 min  
Response: 9157086  
Conc: 63.57 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.027 min  
Delta R.T.: -0.004 min  
Response: 8569883  
Conc: 57.25 ug/ml

Instrument :

FID\_E

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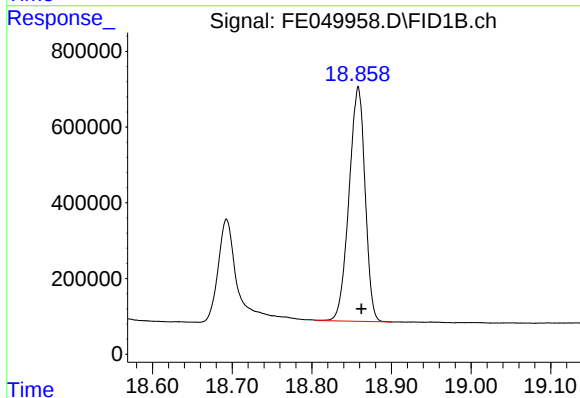
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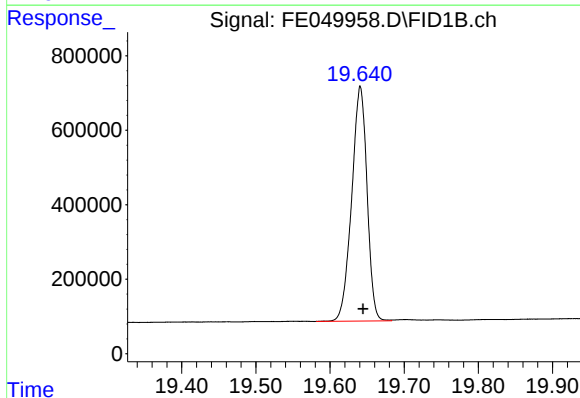
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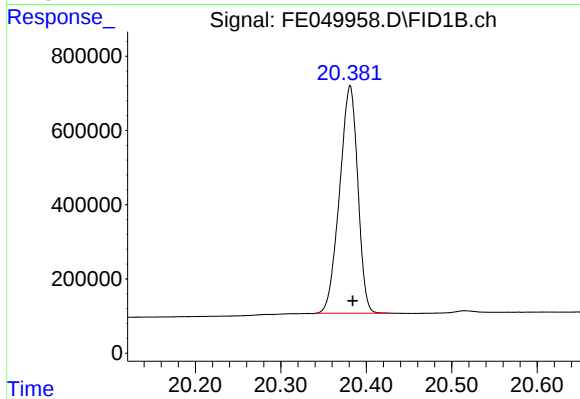
#18 n-Dotriacontane (C32)

R.T.: 18.858 min  
Delta R.T.: -0.005 min  
Response: 8673225  
Conc: 57.33 ug/ml m



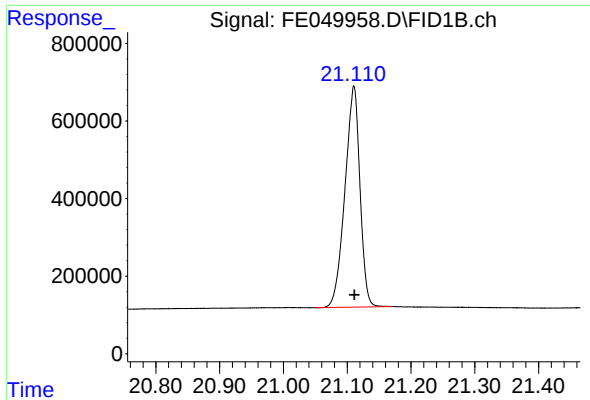
#19 n-Tetratriacontane (C34)

R.T.: 19.640 min  
Delta R.T.: -0.004 min  
Response: 9057354  
Conc: 59.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.380 min  
Delta R.T.: -0.004 min  
Response: 9080621  
Conc: 59.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.110 min  
Delta R.T.: -0.002 min  
Response: 9324018  
Conc: 59.41 ug/ml

Instrument :

FID\_E

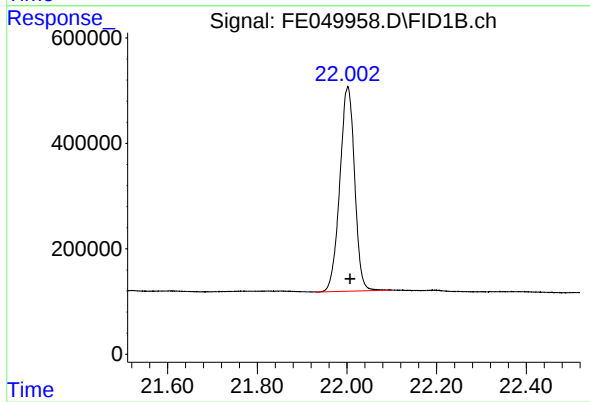
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#22 n-Tetracontane (C40)

R.T.: 22.002 min  
Delta R.T.: -0.006 min  
Response: 8890524  
Conc: 58.23 ug/ml