

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061324AL\  
 Data File : FE048697.D  
 Signal(s) : FID1B.ch  
 Acq On : 13 Jun 2024 15:38  
 Operator : YP\AJ  
 Sample : PB161480BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB161480BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/14/2024  
 Supervised By :Ankita Jodhani 06/14/2024

Integration File: autoint1.e  
 Quant Time: Jun 14 01:18:43 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 052524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 24 16:28:51 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)    | 11.941 | 7625779    | 53.106 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 106.21%       |
| 12) S 1-chlorooctadecane (S... | 13.375 | 6419896    | 58.930 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 117.86%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.340  | 6994284    | 46.783 ug/ml  |
| 2) T n-Decane (C10)            | 4.584  | 7470498    | 49.473 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.284  | 8043871    | 54.023 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.744  | 7319058    | 49.444 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.379  | 7951190    | 57.346 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.572  | 7450605    | 52.531 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.177 | 7339152    | 52.058 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.621 | 7187866    | 51.754 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.930 | 7115193    | 53.767 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.541 | 6852454    | 52.903 ug/ml  |
| 13) T n-Docosane (C22)         | 14.127 | 6795448    | 52.734 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.220 | 12798445   | 98.792 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.250 | 6756158    | 52.128 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.197 | 7153330    | 55.344 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.085 | 6911222    | 51.591 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.917 | 7189833    | 52.967 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.699 | 7030269    | 51.391 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.438 | 6546787    | 48.161 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.174 | 6077523    | 44.566 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.088 | 5181410    | 37.842 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 052524.M

Quant Title : GC Extractables

QLast Update : Fri May 24 16:28:51 2024

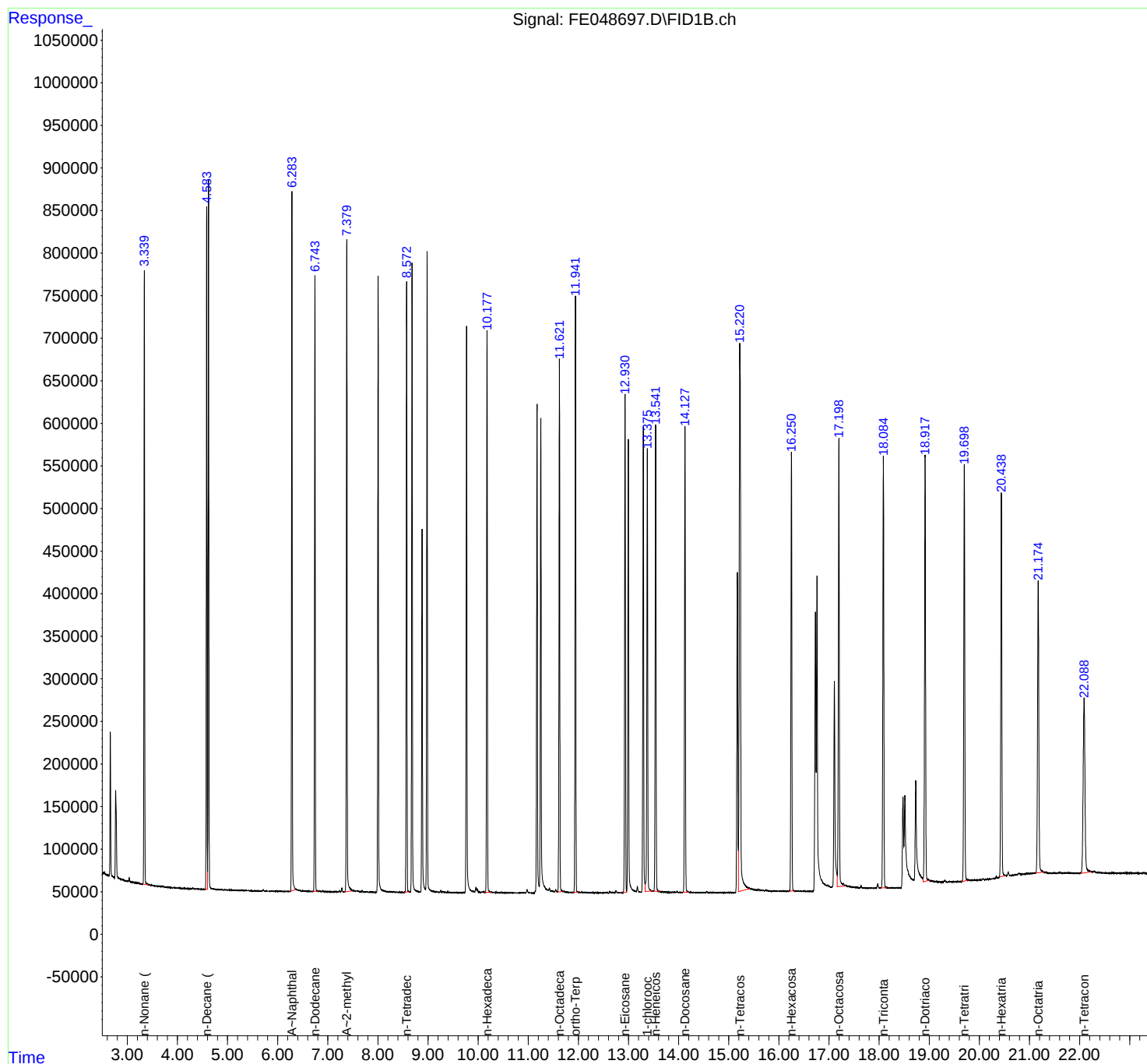
Response via : Initial Calibration

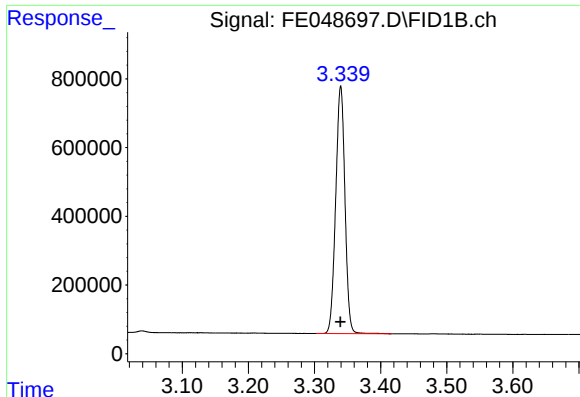
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.340 min  
Delta R.T.: 0.000 min  
Response: 6994284  
Conc: 46.78 ug/ml

Instrument :

FID\_E

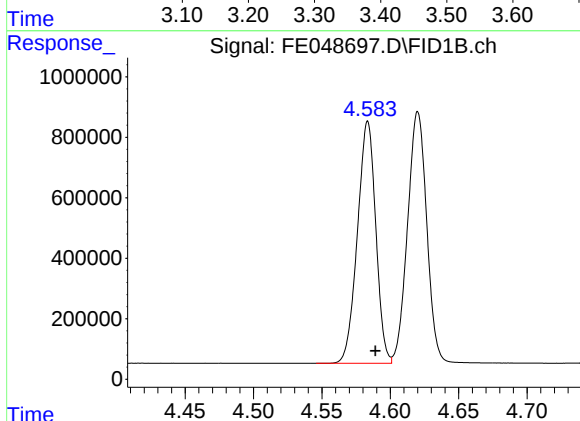
ClientSampleId :

PB161480BS

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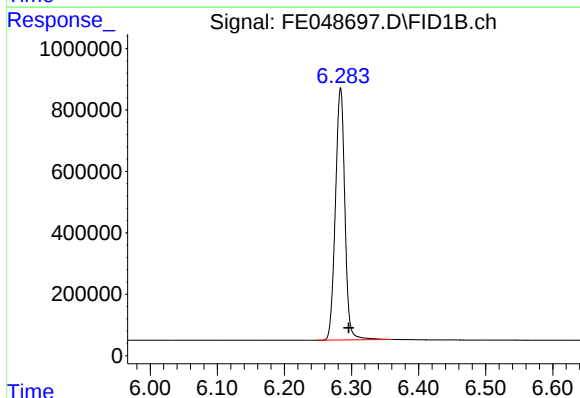
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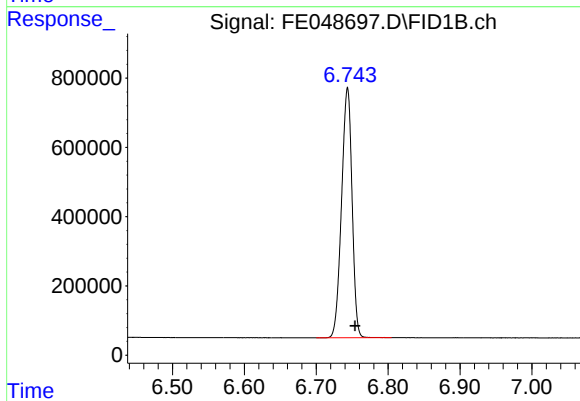
#2 n-Decane (C10)

R.T.: 4.584 min  
Delta R.T.: -0.005 min  
Response: 7470498  
Conc: 49.47 ug/ml



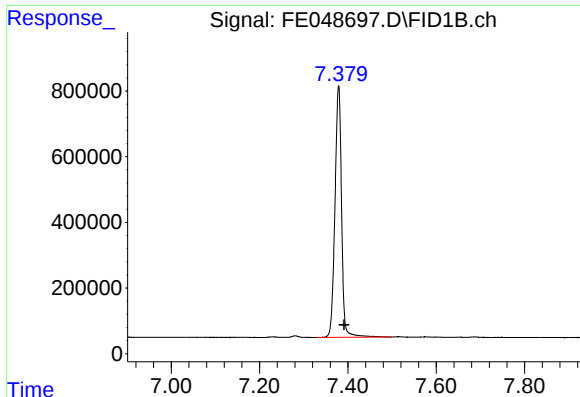
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min  
Delta R.T.: -0.012 min  
Response: 8043871  
Conc: 54.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.744 min  
Delta R.T.: -0.010 min  
Response: 7319058  
Conc: 49.44 ug/ml



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

R.T.: 7.379 min  
Delta R.T.: -0.012 min  
Response: 7951190  
Conc: 57.35 ug/ml

Instrument :

FID\_E

ClientSampleId :

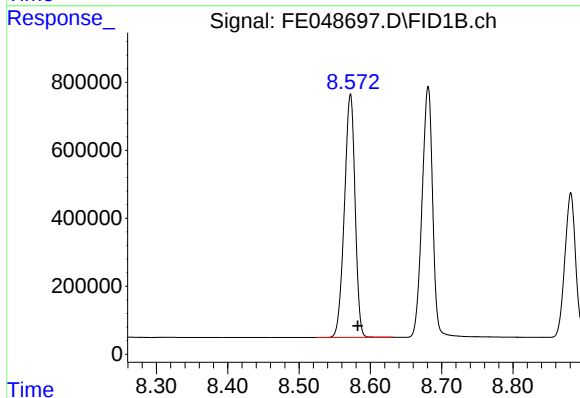
PB161480BS

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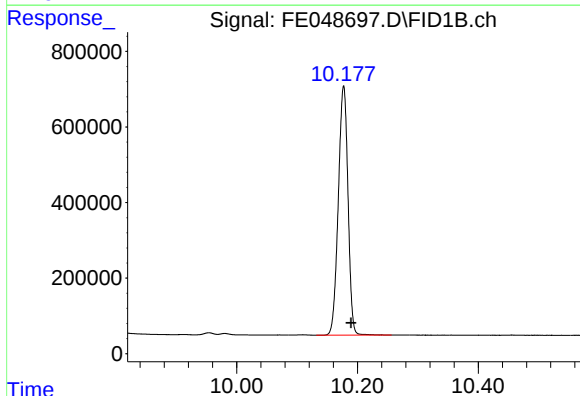
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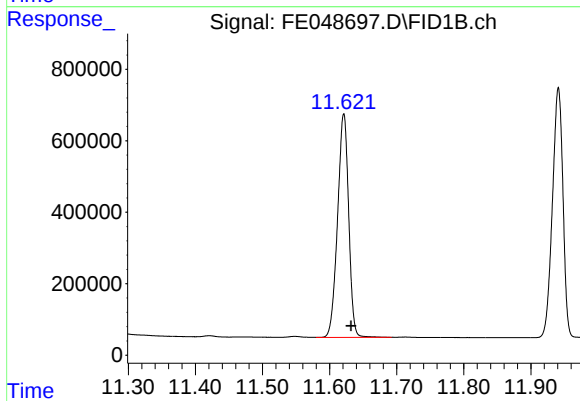
#6 n-Tetradecane (C14)

R.T.: 8.572 min  
Delta R.T.: -0.010 min  
Response: 7450605  
Conc: 52.53 ug/ml



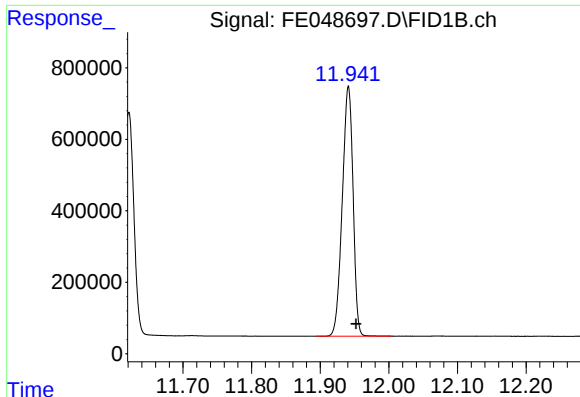
#7 n-Hexadecane (C16)

R.T.: 10.177 min  
Delta R.T.: -0.012 min  
Response: 7339152  
Conc: 52.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.621 min  
Delta R.T.: -0.011 min  
Response: 7187866  
Conc: 51.75 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.941 min  
Delta R.T.: -0.011 min  
Response: 7625779  
Conc: 53.11 ug/ml

Instrument :

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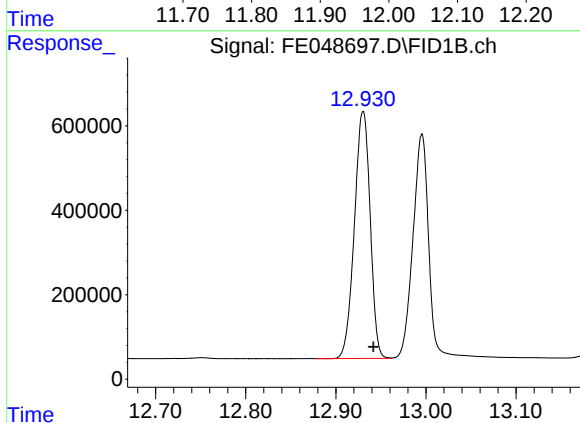
ClientSampleId :

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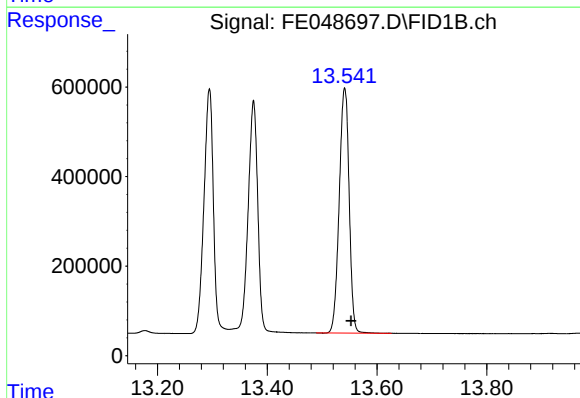
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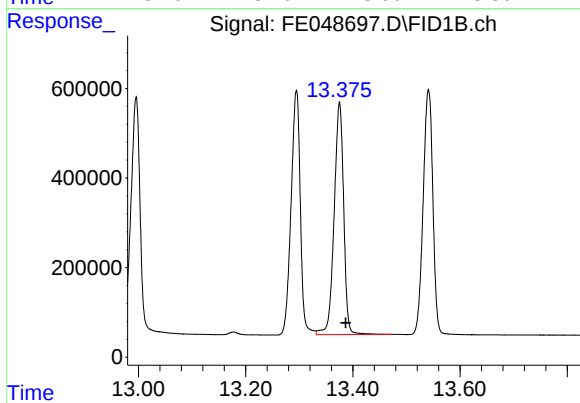
#10 n-Eicosane (C20)

R.T.: 12.930 min  
Delta R.T.: -0.011 min  
Response: 7115193  
Conc: 53.77 ug/ml



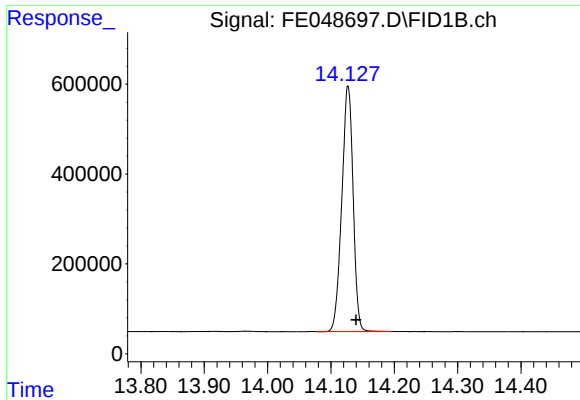
#11 n-Heneicosane (C21)

R.T.: 13.541 min  
Delta R.T.: -0.012 min  
Response: 6852454  
Conc: 52.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.375 min  
Delta R.T.: -0.012 min  
Response: 6419896  
Conc: 58.93 ug/ml



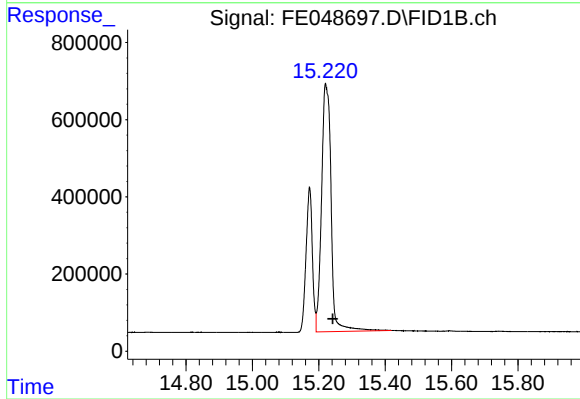
#13 n-Docosane (C22)

R.T.: 14.127 min  
Delta R.T.: -0.012 min  
Response: 6795448  
Conc: 52.73 ug/ml

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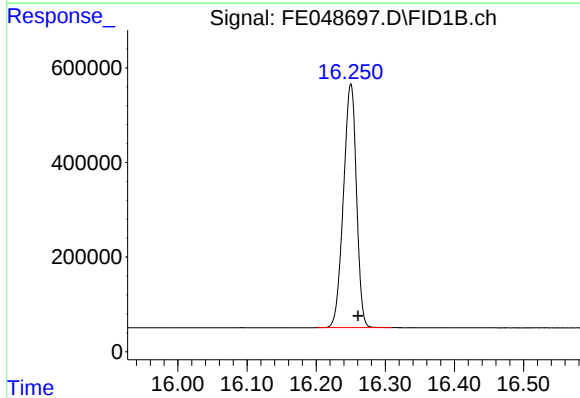
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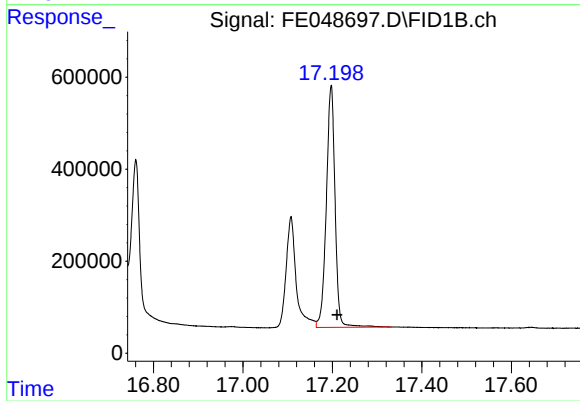
#14 n-Tetracosane (C24)

R.T.: 15.220 min  
Delta R.T.: -0.021 min  
Response: 12798445  
Conc: 98.79 ug/ml



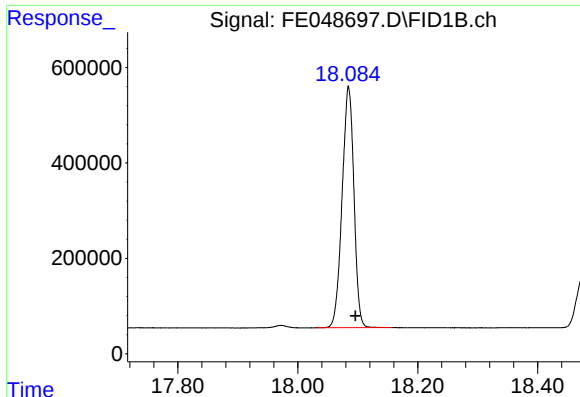
#15 n-Hexacosane (C26)

R.T.: 16.250 min  
Delta R.T.: -0.010 min  
Response: 6756158  
Conc: 52.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.197 min  
Delta R.T.: -0.013 min  
Response: 7153330  
Conc: 55.34 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.085 min  
Delta R.T.: -0.012 min  
Response: 6911222  
Conc: 51.59 ug/ml

Instrument :

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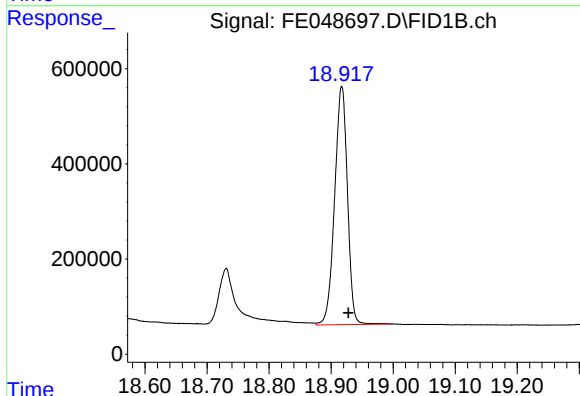
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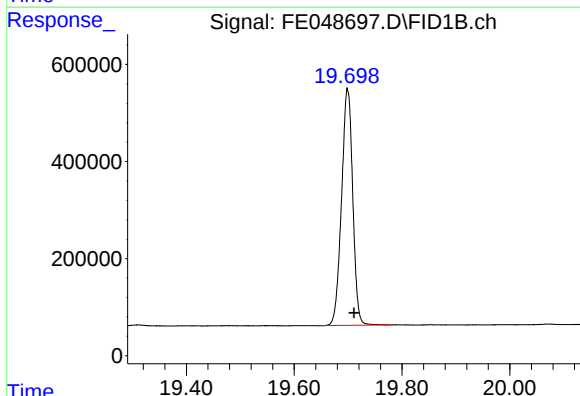
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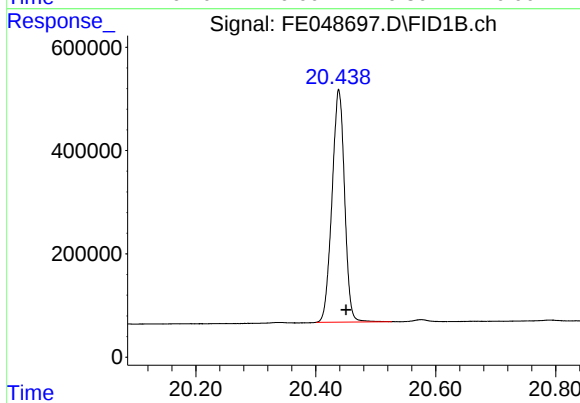
#18 n-Dotriacontane (C32)

R.T.: 18.917 min  
Delta R.T.: -0.010 min  
Response: 7189833  
Conc: 52.97 ug/ml



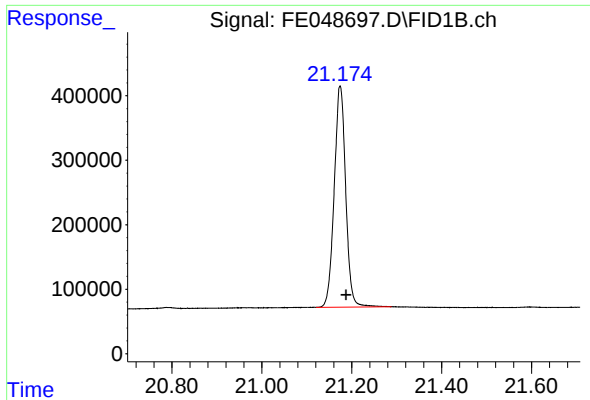
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min  
Delta R.T.: -0.012 min  
Response: 7030269  
Conc: 51.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.438 min  
Delta R.T.: -0.012 min  
Response: 6546787  
Conc: 48.16 ug/ml



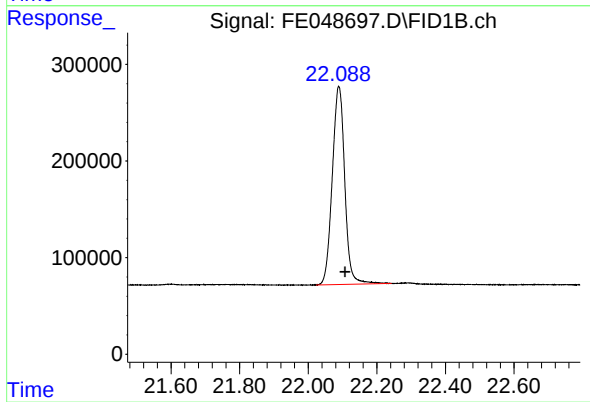
#21 n-Octatriacontane (C38)

R.T.: 21.174 min  
Delta R.T.: -0.014 min  
Response: 6077523  
Conc: 44.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.088 min  
Delta R.T.: -0.019 min  
Response: 5181410  
Conc: 37.84 ug/ml m