

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE112124AL\  
 Data File : FE051394.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Nov 2024 17:50  
 Operator : YP\AJ  
 Sample : P4938-05MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

MH-734MS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :Ankita Jodhani 11/22/2024

Integration File: autoint1.e

Quant Time: Nov 22 03:50:10 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110724.M

Quant Title : GC Extractables

QLast Update : Thu Nov 07 04:56:04 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)    | 11.846 | 6152273    | 40.989 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 81.98%        |
| 12) S 1-chlorooctadecane (S... | 13.279 | 5273751    | 46.452 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 92.90%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.231  | 4095341    | 29.597 ug/ml  |
| 2) T n-Decane (C10)            | 4.480  | 4528303    | 32.304 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.191  | 4840311    | 36.711 ug/mlm |
| 4) T n-Dodecane (C12)          | 6.647  | 5153390    | 36.498 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.288  | 4842557    | 38.711 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.476  | 6370318    | 45.710 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.081 | 6934022    | 48.863 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.524 | 6489707    | 45.444 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.833 | 7065085    | 51.625 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.443 | 6126464    | 45.842 ug/ml  |
| 13) T n-Docosane (C22)         | 14.029 | 6214478    | 46.743 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.133 | 11805918   | 88.995 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.151 | 6082262    | 45.434 ug/mlm |
| 16) T n-Octacosane (C28)       | 17.095 | 6502184    | 47.695 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.984 | 5969914    | 41.090 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.814 | 5824883    | 39.230 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.596 | 5825746    | 43.357 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.336 | 5482312    | 45.947 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.060 | 5289500    | 46.474 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.939 | 5328273    | 47.907 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE112124AL\  
Data File : FE051394.D  
Signal(s) : FID1B.ch  
Acq On : 21 Nov 2024 17:50  
Operator : YP\AJ  
Sample : P4938-05MS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

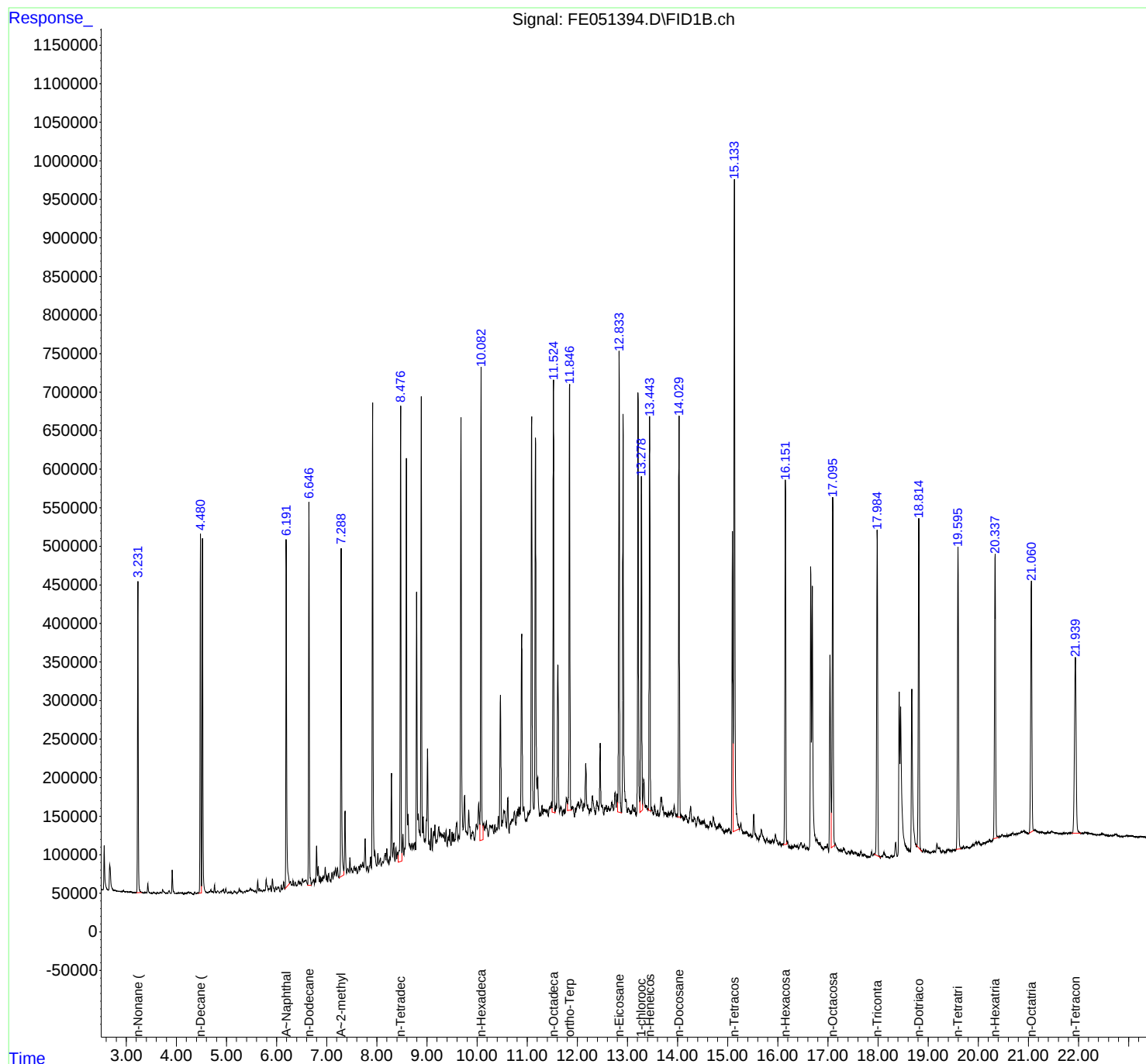
Instrument :  
FID\_E  
ClientSampleId :  
MH-734MS

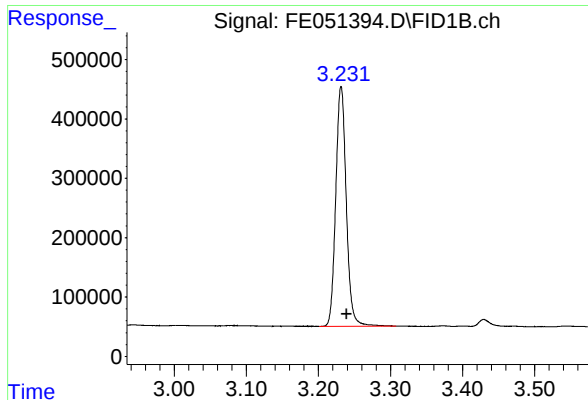
Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 11/22/2024

Integration File: autoint1.e  
Quant Time: Nov 22 03:50:10 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110724.  
Quant Title : GC Extractables  
QLast Update : Thu Nov 07 04:56:04 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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





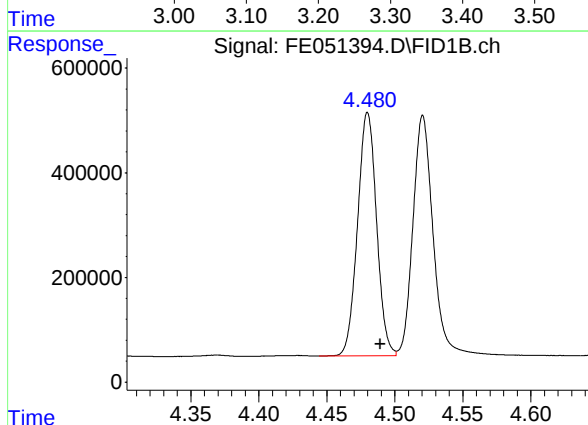
#1 n-Nonane (C9)

R.T.: 3.231 min  
Delta R.T.: -0.008 min  
Response: 4095341  
Conc: 29.60 ug/ml

Instrument :  
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MH-734MS

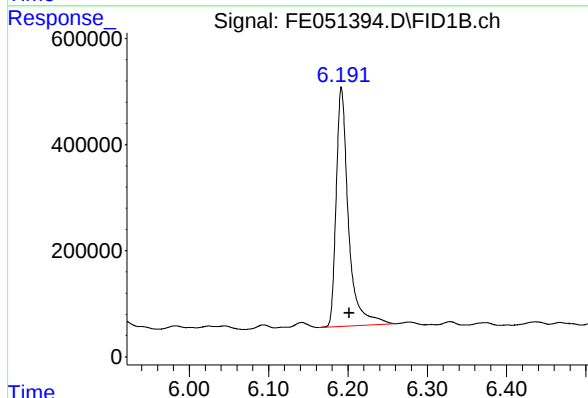
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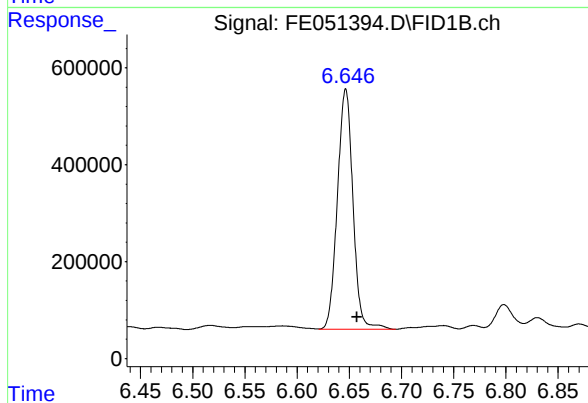
#2 n-Decane (C10)

R.T.: 4.480 min  
Delta R.T.: -0.009 min  
Response: 4528303  
Conc: 32.30 ug/ml



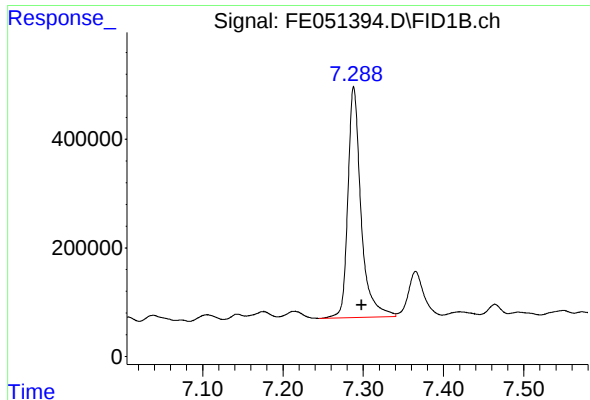
#3 A~Naphthalene (C11.7)

R.T.: 6.191 min  
Delta R.T.: -0.011 min  
Response: 4840311  
Conc: 36.71 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.647 min  
Delta R.T.: -0.011 min  
Response: 5153390  
Conc: 36.50 ug/ml



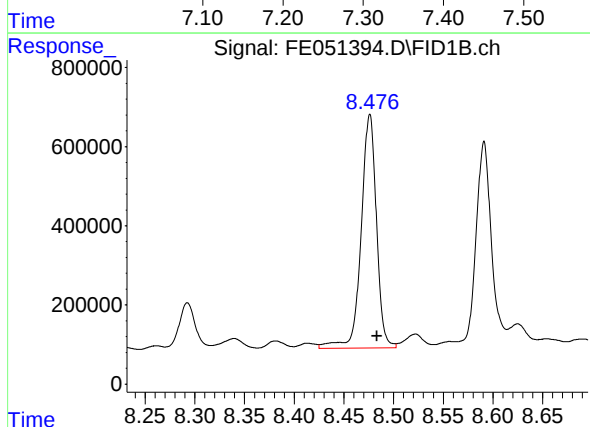
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.288 min  
Delta R.T.: -0.010 min  
Response: 4842557  
Conc: 38.71 ug/ml

Instrument : FID\_E  
ClientSampleId : MH-734MS

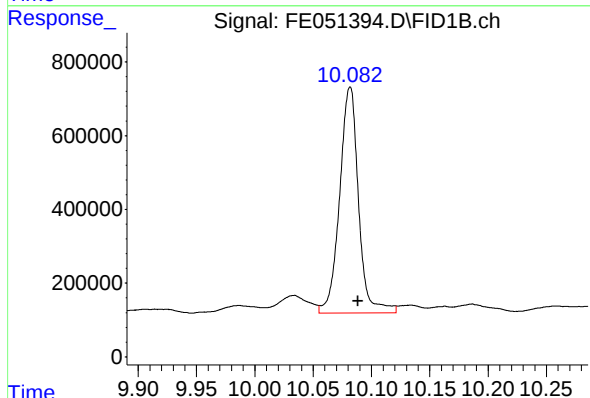
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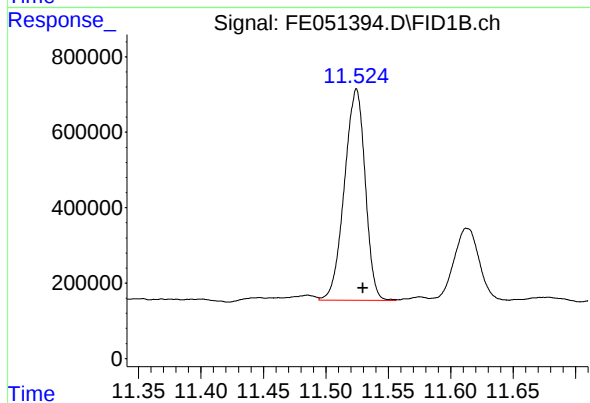
#6 n-Tetradecane (C14)

R.T.: 8.476 min  
Delta R.T.: -0.007 min  
Response: 6370318  
Conc: 45.71 ug/ml



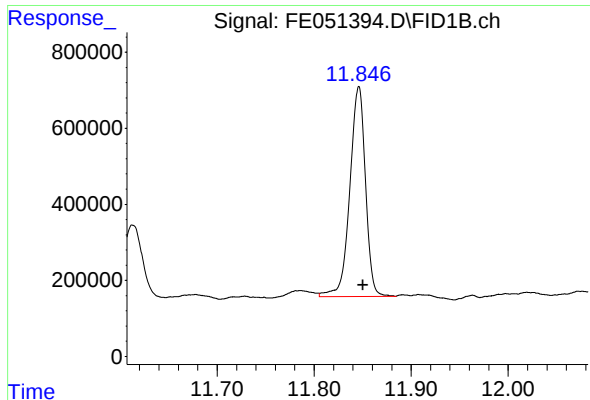
#7 n-Hexadecane (C16)

R.T.: 10.081 min  
Delta R.T.: -0.007 min  
Response: 6934022  
Conc: 48.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.524 min  
Delta R.T.: -0.006 min  
Response: 6489707  
Conc: 45.44 ug/ml



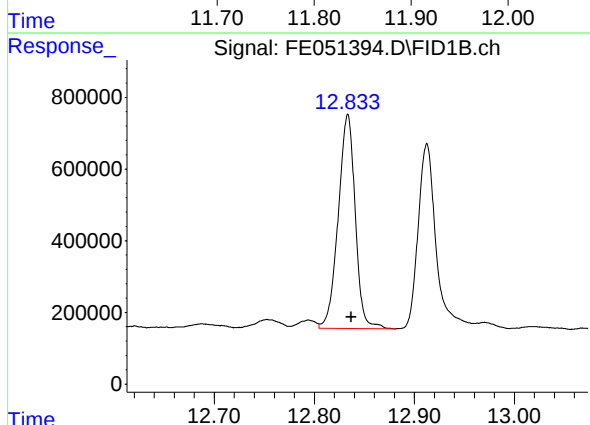
#9 ortho-Terphenyl (SURR)

R.T.: 11.846 min  
Delta R.T.: -0.005 min  
Response: 6152273  
Conc: 40.99 ug/ml

Instrument :  
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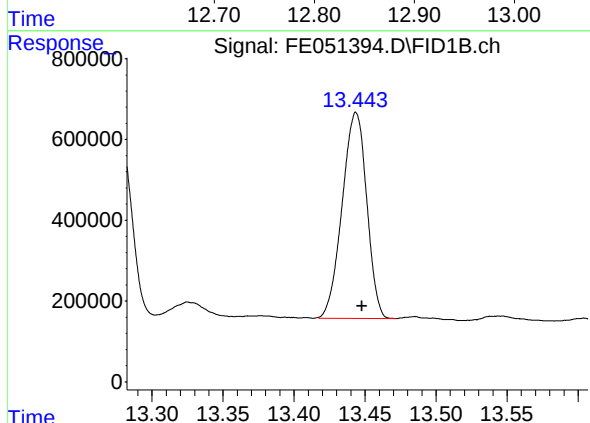
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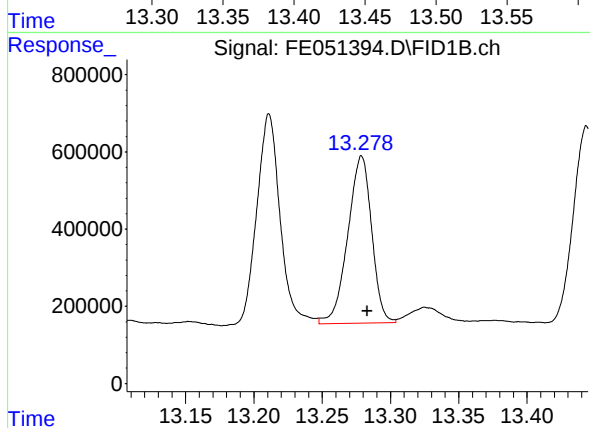
#10 n-Eicosane (C20)

R.T.: 12.833 min  
Delta R.T.: -0.004 min  
Response: 7065085  
Conc: 51.62 ug/ml



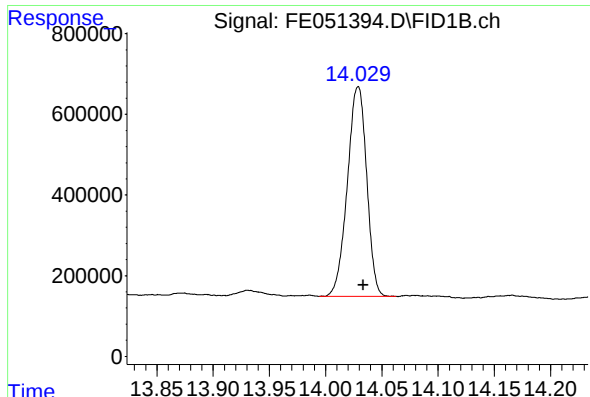
#11 n-Heneicosane (C21)

R.T.: 13.443 min  
Delta R.T.: -0.004 min  
Response: 6126464  
Conc: 45.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.279 min  
Delta R.T.: -0.005 min  
Response: 5273751  
Conc: 46.45 ug/ml



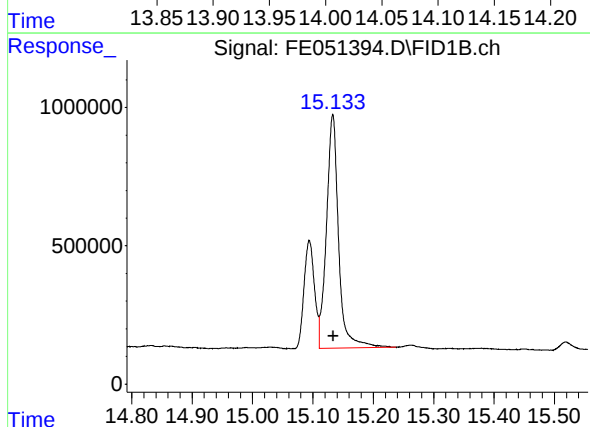
#13 n-Docosane (C22)

R.T.: 14.029 min  
Delta R.T.: -0.005 min  
Response: 6214478  
Conc: 46.74 ug/ml

Instrument :  
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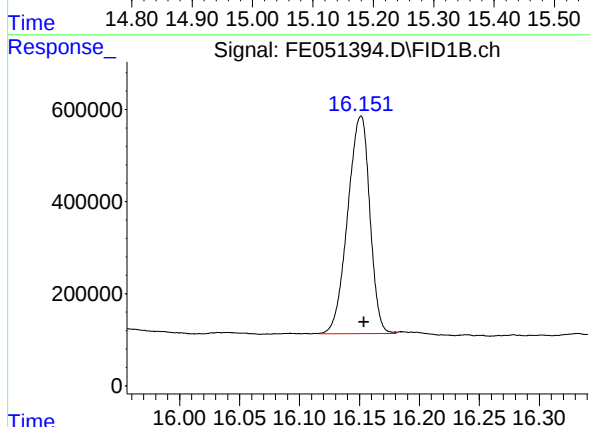
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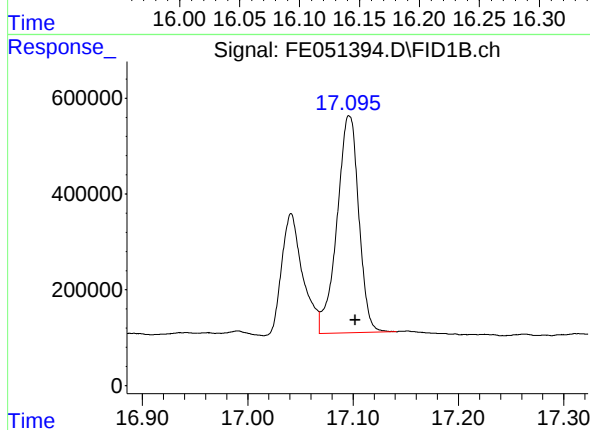
#14 n-Tetracosane (C24)

R.T.: 15.133 min  
Delta R.T.: -0.002 min  
Response: 11805918  
Conc: 89.00 ug/ml



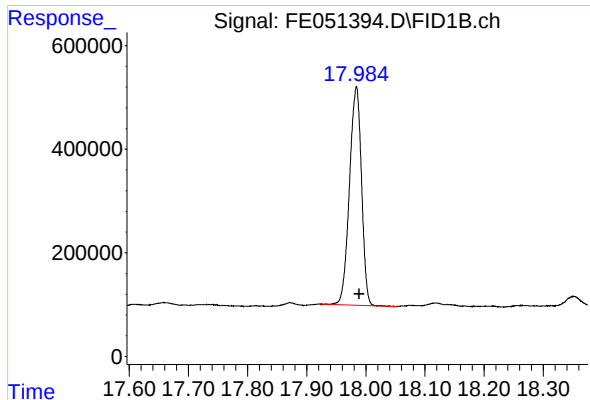
#15 n-Hexacosane (C26)

R.T.: 16.151 min  
Delta R.T.: -0.002 min  
Response: 6082262  
Conc: 45.43 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.095 min  
Delta R.T.: -0.007 min  
Response: 6502184  
Conc: 47.69 ug/ml m



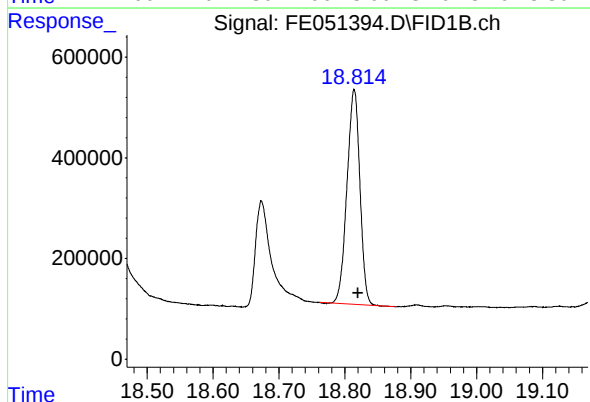
#17 n-Tricontane (C30)

R.T.: 17.984 min  
Delta R.T.: -0.005 min  
Response: 5969914  
Conc: 41.09 ug/ml

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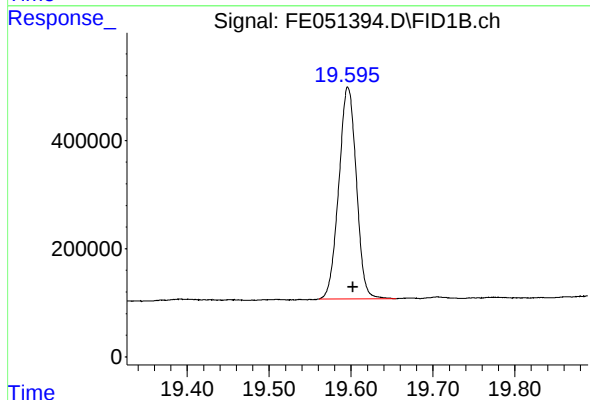
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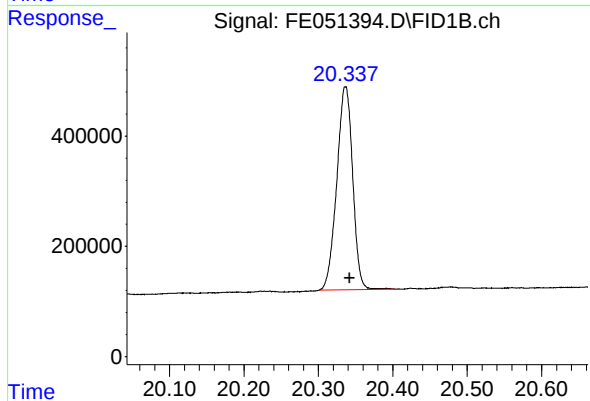
#18 n-Dotriacontane (C32)

R.T.: 18.814 min  
Delta R.T.: -0.006 min  
Response: 5824883  
Conc: 39.23 ug/ml



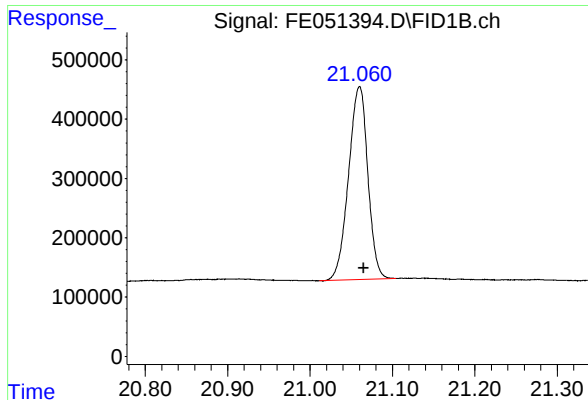
#19 n-Tetratriacontane (C34)

R.T.: 19.596 min  
Delta R.T.: -0.006 min  
Response: 5825746  
Conc: 43.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.336 min  
Delta R.T.: -0.005 min  
Response: 5482312  
Conc: 45.95 ug/ml



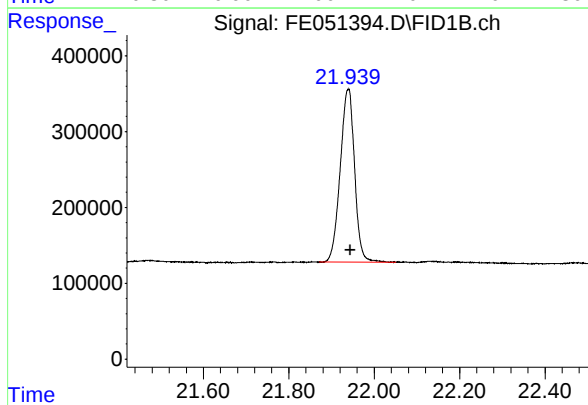
#21 n-Octatriacontane (C38)

R.T.: 21.060 min  
Delta R.T.: -0.005 min  
Response: 5289500  
Conc: 46.47 ug/ml

Instrument :  
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#22 n-Tetracontane (C40)

R.T.: 21.939 min  
Delta R.T.: -0.005 min  
Response: 5328273  
Conc: 47.91 ug/ml