

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120424AL\  
 Data File : FE051532.D  
 Signal(s) : FID1B.ch  
 Acq On : 04 Dec 2024 16:10  
 Operator : YP\AJ  
 Sample : P5072-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 MH-737MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/05/2024  
 Supervised By :Ankita Jodhani 12/05/2024

Integration File: autoint1.e  
 Quant Time: Dec 05 00:14:15 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 120224.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Dec 02 14:18:35 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)    | 11.831 | 4740714    | 31.371 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 62.74%        |
| 12) S 1-chlorooctadecane (S... | 13.263 | 4198514    | 37.570 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 75.14%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.222  | 4290778    | 30.616 ug/ml  |
| 2) T n-Decane (C10)            | 4.470  | 5036082    | 35.513 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.181  | 5360400    | 40.550 ug/mlm |
| 4) T n-Dodecane (C12)          | 6.638  | 6474083    | 45.482 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.278  | 6442052    | 53.700 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.467  | 6785010    | 48.673 ug/mlm |
| 7) T n-Hexadecane (C16)        | 10.071 | 7983031    | 56.186 ug/mlm |
| 8) T n-Octadecane (C18)        | 11.511 | 6690107    | 46.553 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.819 | 7207034    | 52.209 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.429 | 6082682    | 44.875 ug/ml  |
| 13) T n-Docosane (C22)         | 14.014 | 6211323    | 46.387 ug/mlm |
| 14) T n-Tetracosane (C24)      | 15.117 | 11051971   | 83.642 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.135 | 5949656    | 45.880 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.084 | 6822453    | 53.512 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.970 | 5990407    | 46.264 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.802 | 5849740    | 46.728 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.584 | 5864455    | 51.925 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.324 | 5714223    | 59.334 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.044 | 5626860    | 61.803 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.919 | 5730303    | 65.388 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 04 Dec 2024 16:10  
Operator : YP\AJ  
Sample : P5072-01MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

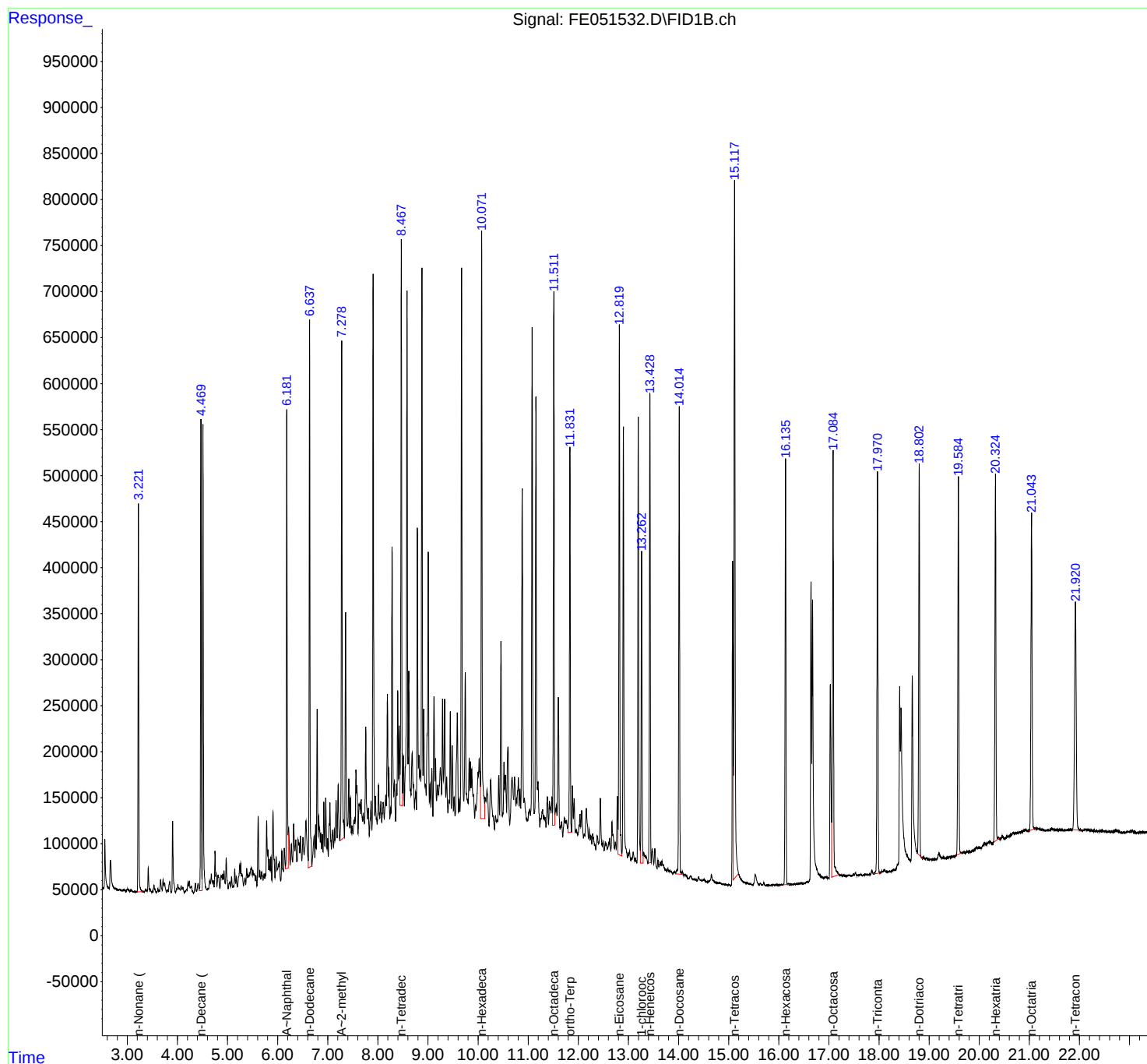
Instrument :  
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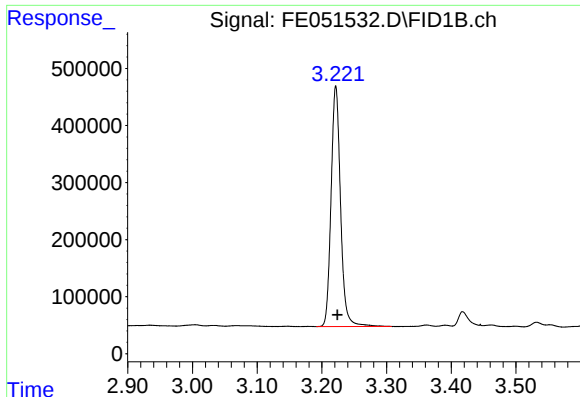
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Response via : Initial Calibration  
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.222 min  
Delta R.T.: -0.002 min  
Response: 4290778  
Conc: 30.62 ug/ml

Instrument :

FID\_E

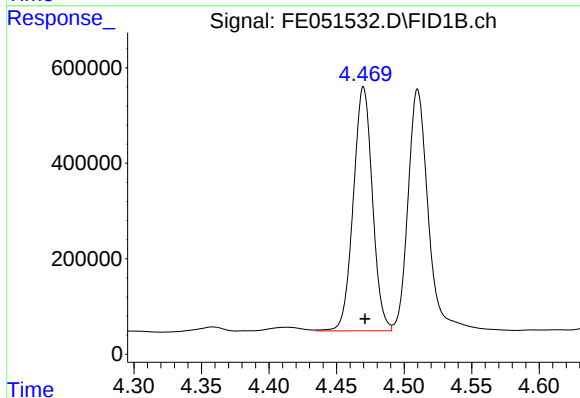
ClientSampleId :

MH-737MSD

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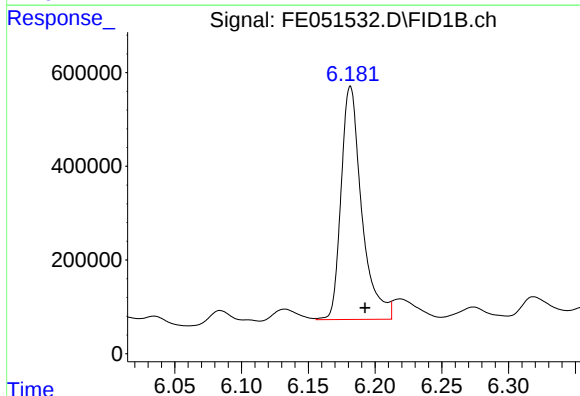
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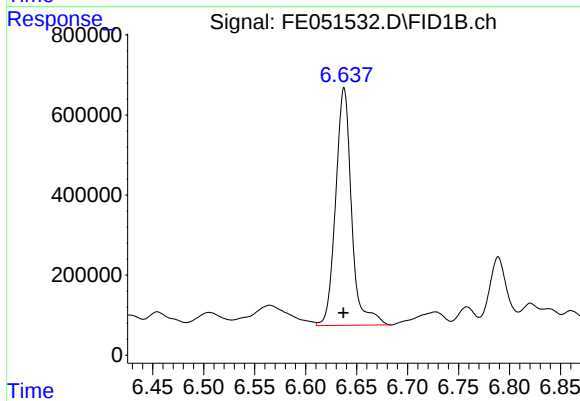
#2 n-Decane (C10)

R.T.: 4.470 min  
Delta R.T.: -0.001 min  
Response: 5036082  
Conc: 35.51 ug/ml



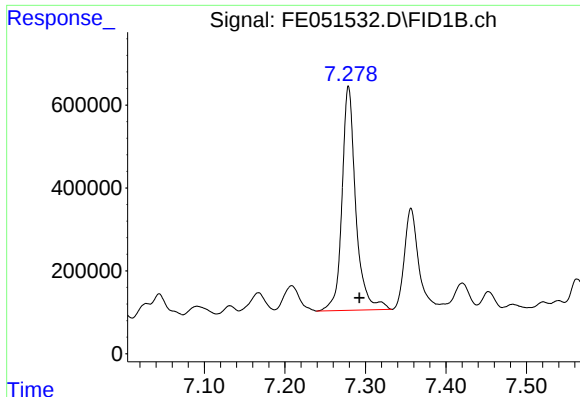
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min  
Delta R.T.: -0.011 min  
Response: 5360400  
Conc: 40.55 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.638 min  
Delta R.T.: 0.000 min  
Response: 6474083  
Conc: 45.48 ug/ml



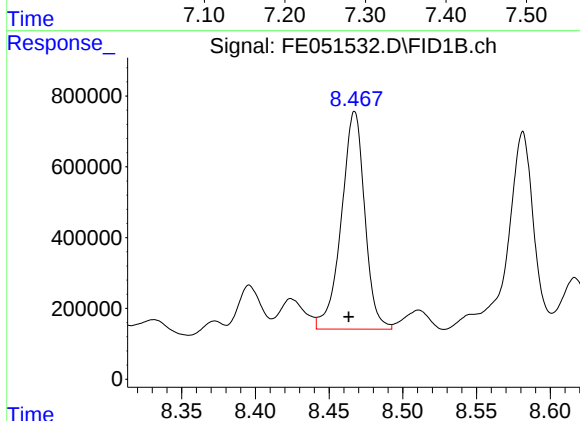
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.278 min  
Delta R.T.: -0.014 min  
Response: 6442052  
Conc: 53.70 ug/ml

Instrument :  
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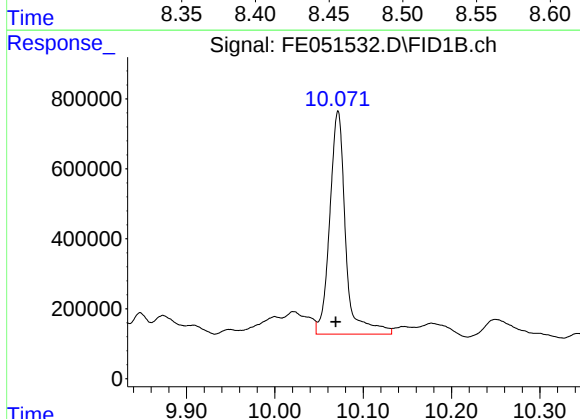
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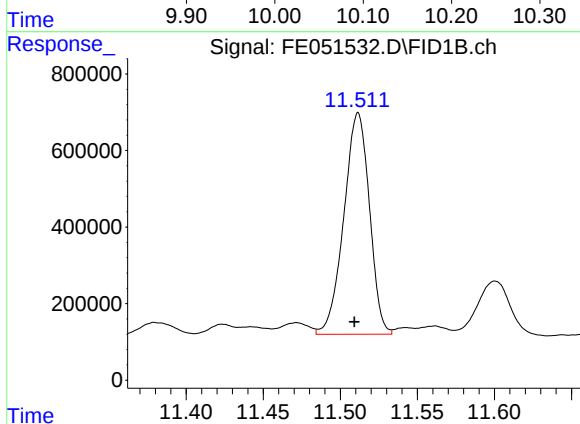
#6 n-Tetradecane (C14)

R.T.: 8.467 min  
Delta R.T.: 0.003 min  
Response: 6785010  
Conc: 48.67 ug/ml m



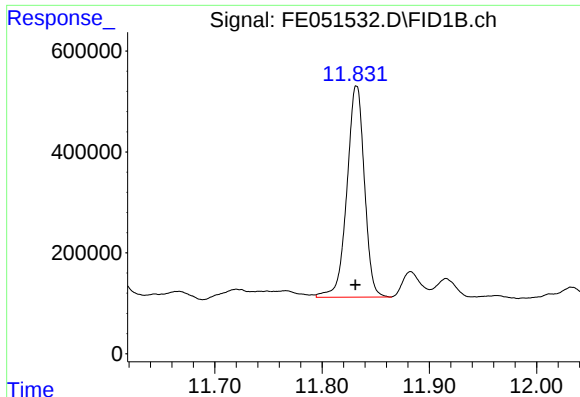
#7 n-Hexadecane (C16)

R.T.: 10.071 min  
Delta R.T.: 0.002 min  
Response: 7983031  
Conc: 56.19 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.511 min  
Delta R.T.: 0.002 min  
Response: 6690107  
Conc: 46.55 ug/ml m



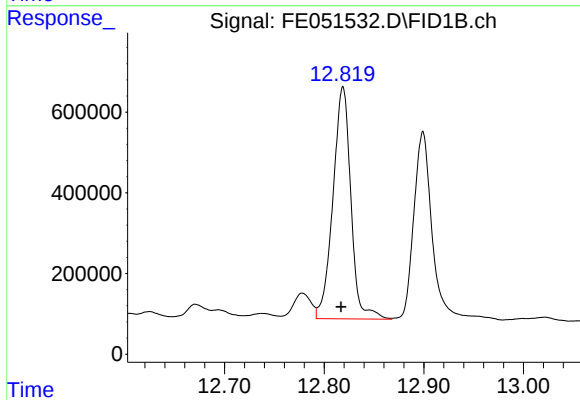
#9 ortho-Terphenyl (SURR)

R.T.: 11.831 min  
Delta R.T.: 0.000 min  
Response: 4740714  
Conc: 31.37 ug/ml

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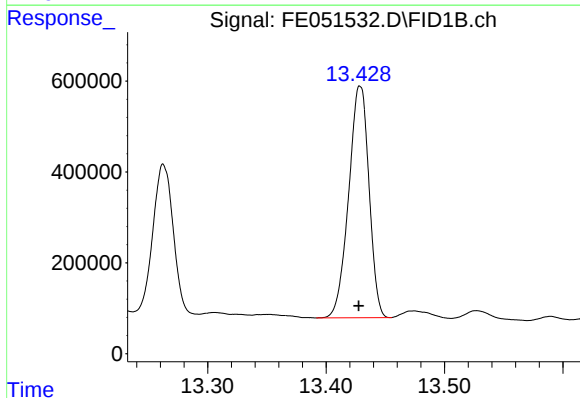
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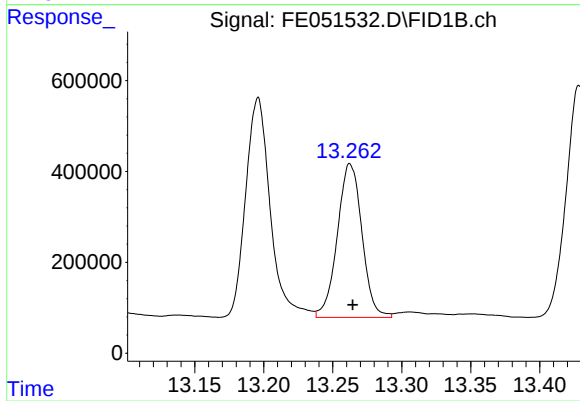
#10 n-Eicosane (C20)

R.T.: 12.819 min  
Delta R.T.: 0.002 min  
Response: 7207034  
Conc: 52.21 ug/ml



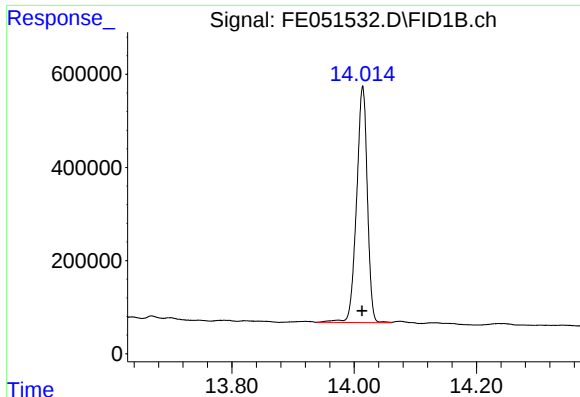
#11 n-Heneicosane (C21)

R.T.: 13.429 min  
Delta R.T.: 0.000 min  
Response: 6082682  
Conc: 44.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.263 min  
Delta R.T.: -0.002 min  
Response: 4198514  
Conc: 37.57 ug/ml



#13 n-Docosane (C22)

R.T.: 14.014 min  
Delta R.T.: 0.000 min  
Response: 6211323  
Conc: 46.39 ug/ml

Instrument :

FID\_E

ClientSampleId :

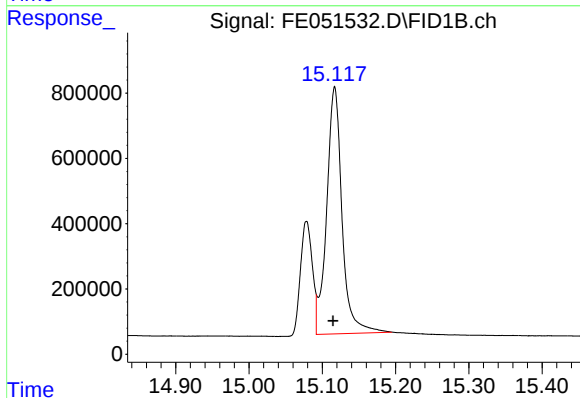
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Manual Integrations

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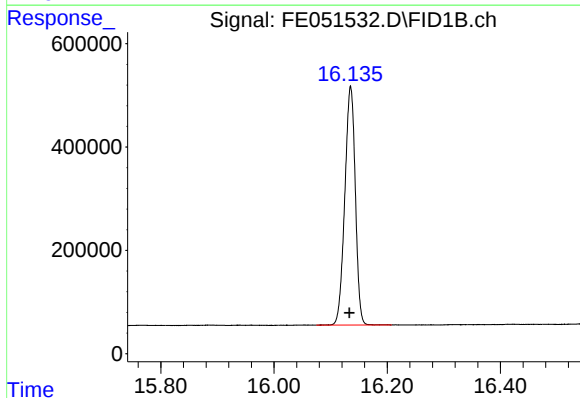
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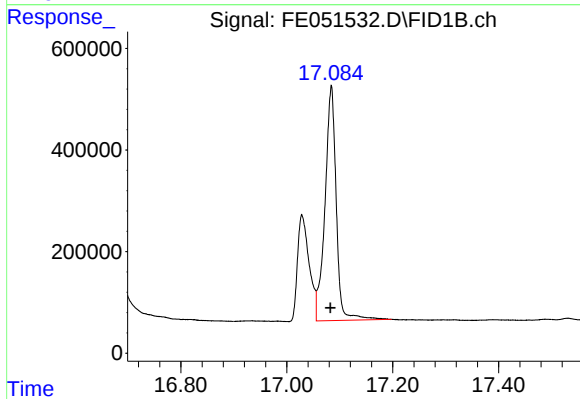
#14 n-Tetracosane (C24)

R.T.: 15.117 min  
Delta R.T.: 0.002 min  
Response: 11051971  
Conc: 83.64 ug/ml m



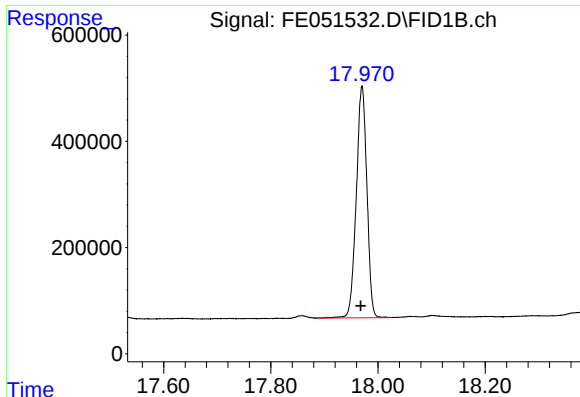
#15 n-Hexacosane (C26)

R.T.: 16.135 min  
Delta R.T.: 0.002 min  
Response: 5949656  
Conc: 45.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.084 min  
Delta R.T.: 0.002 min  
Response: 6822453  
Conc: 53.51 ug/ml



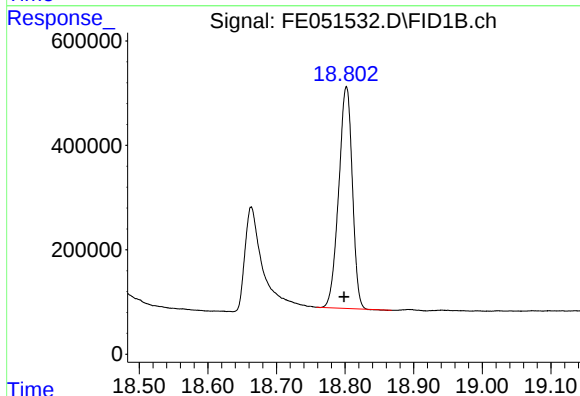
#17 n-Tricontane (C30)

R.T.: 17.970 min  
Delta R.T.: 0.002 min  
Response: 5990407  
Conc: 46.26 ug/ml

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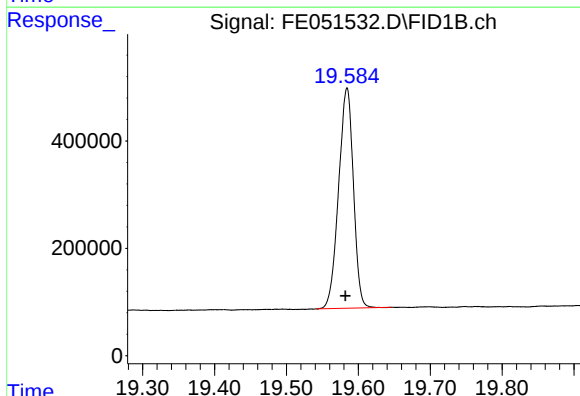
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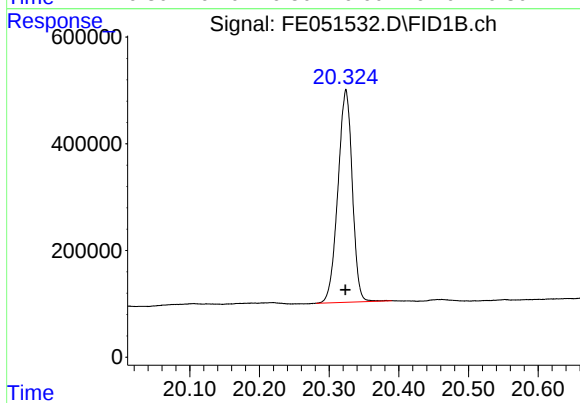
#18 n-Dotriacontane (C32)

R.T.: 18.802 min  
Delta R.T.: 0.003 min  
Response: 5849740  
Conc: 46.73 ug/ml



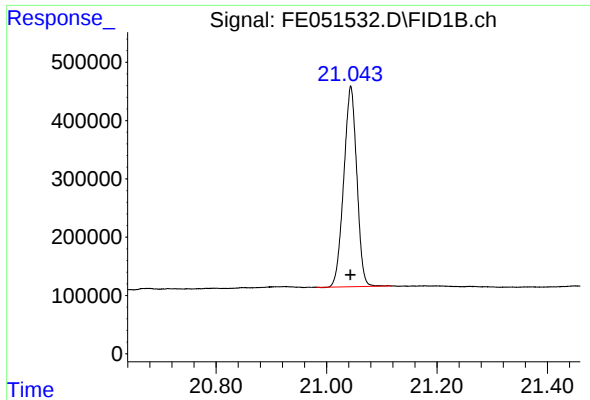
#19 n-Tetratriacontane (C34)

R.T.: 19.584 min  
Delta R.T.: 0.002 min  
Response: 5864455  
Conc: 51.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.324 min  
Delta R.T.: 0.000 min  
Response: 5714223  
Conc: 59.33 ug/ml



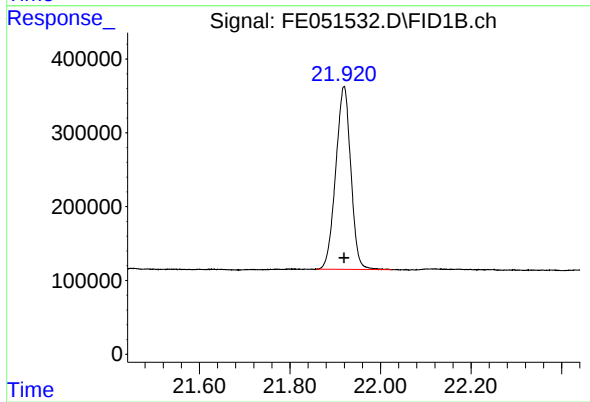
#21 n-Octatriacontane (C38)

R.T.: 21.044 min  
Delta R.T.: 0.000 min  
Response: 5626860  
Conc: 61.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.919 min  
Delta R.T.: 0.000 min  
Response: 5730303  
Conc: 65.39 ug/ml