

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE112122AL\  
 Data File : FE038859.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Nov 2022 11:20  
 Operator : YP\AJ  
 Sample : PB149204BSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB149204BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/22/2022  
 Supervised By :Ankita Jodhani 11/22/2022

Integration File: sample.E  
 Quant Time: Nov 21 15:59:09 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 111922.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 19 05:37:37 2022  
 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    |        |            |               |
| 12) S 1-chlorooctadecane (S... | 13.390 | 3469276    | 28.733 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 57.47%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.350  | 2353164    | 16.601 ug/ml  |
| 2) T n-Decane (C10)            | 4.600  | 2906790    | 20.855 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.763  | 3382467    | 23.996 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.588  | 3523055    | 24.667 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.195 | 3843978    | 26.291 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.636 | 4178105    | 28.394 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.945 | 4102263    | 28.897 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.557 | 4060815    | 28.577 ug/ml  |
| 13) T n-Docosane (C22)         | 14.143 | 4054910    | 29.008 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.246 | 3978657    | 28.809 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.264 | 3894296    | 28.994 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.214 | 3817215    | 28.744 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.102 | 3789851    | 28.698 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.934 | 3864184    | 28.974 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.718 | 3893725    | 29.426 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.458 | 3836496    | 29.863 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.199 | 4007645    | 30.584 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.124 | 4105116    | 30.147 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : PB149204BSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

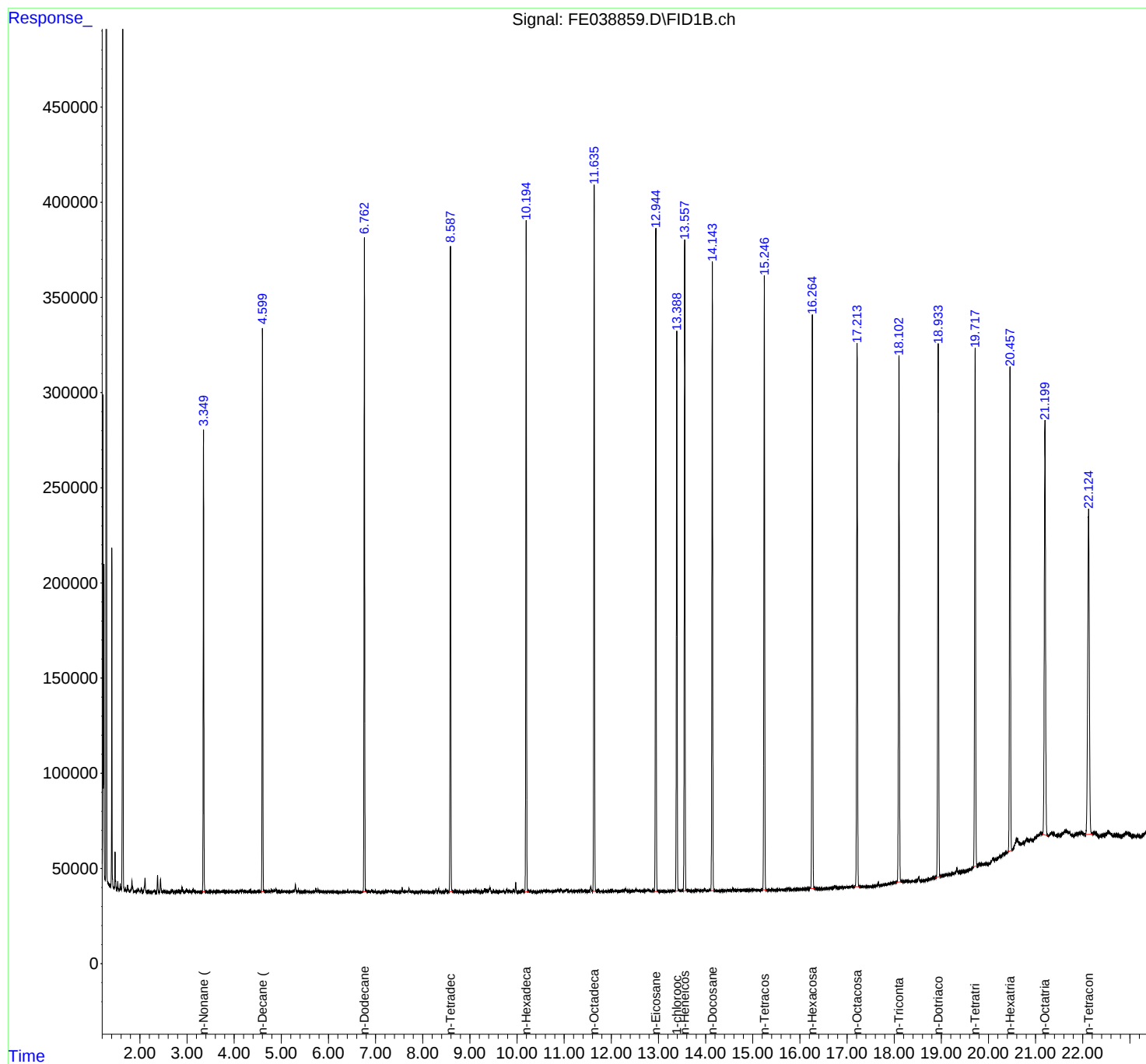
Instrument :  
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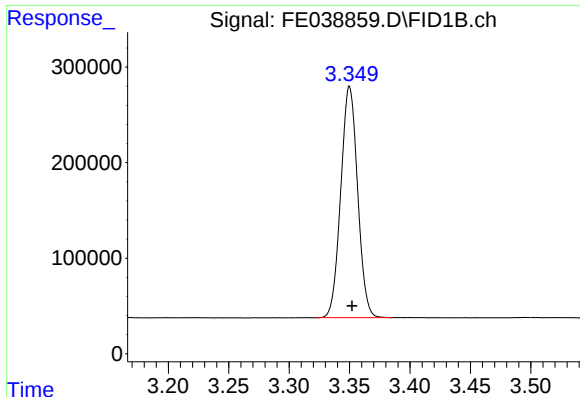
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Response via : Initial Calibration  
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.350 min  
Delta R.T.: -0.002 min  
Response: 2353164  
Conc: 16.60 ug/ml

Instrument :

FID\_E

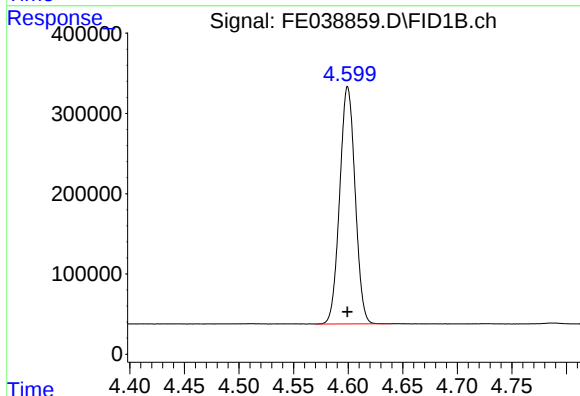
ClientSampleId :

PB149204BSD

Manual Integrations

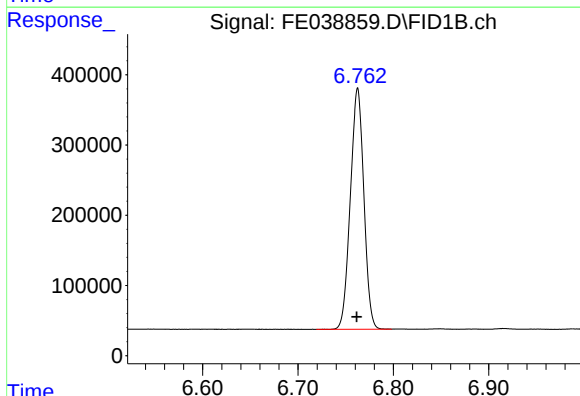
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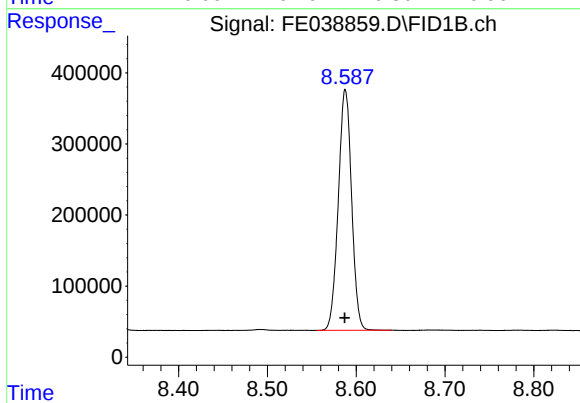
#2 n-Decane (C10)

R.T.: 4.600 min  
Delta R.T.: 0.000 min  
Response: 2906790  
Conc: 20.86 ug/ml



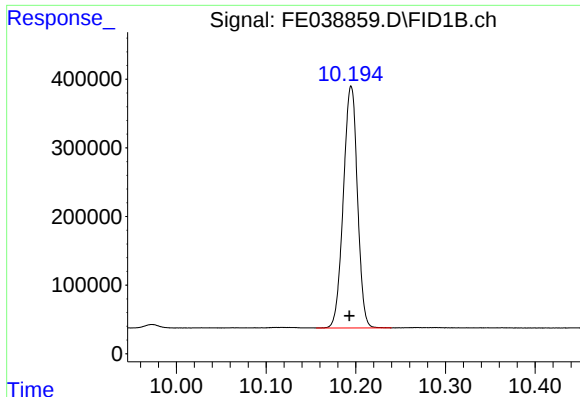
#4 n-Dodecane (C12)

R.T.: 6.763 min  
Delta R.T.: 0.001 min  
Response: 3382467  
Conc: 24.00 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.588 min  
Delta R.T.: 0.000 min  
Response: 3523055  
Conc: 24.67 ug/ml



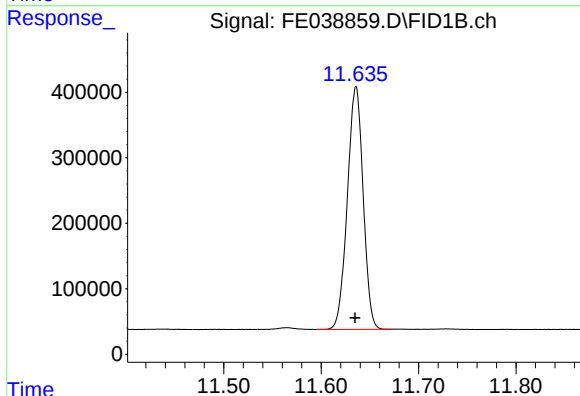
#7 n-Hexadecane (C16)

R.T.: 10.195 min  
Delta R.T.: 0.002 min  
Response: 3843978  
Conc: 26.29 ug/ml

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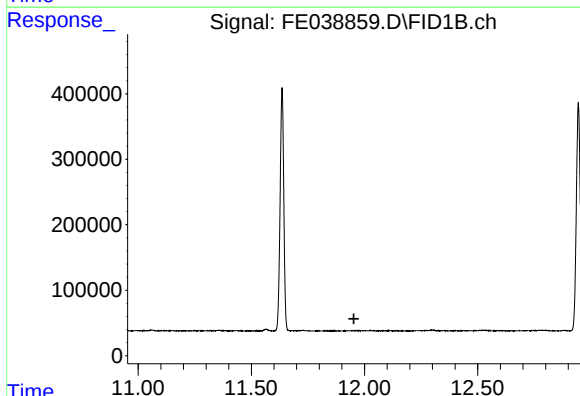
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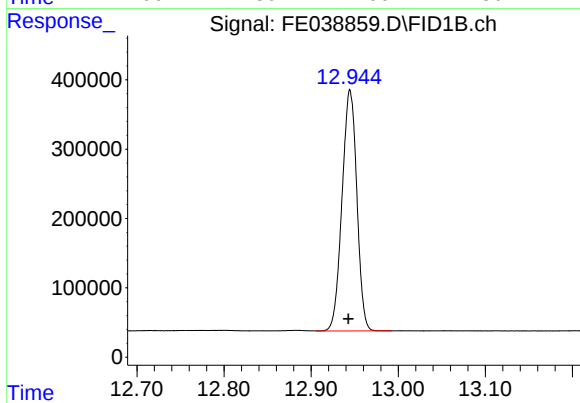
#8 n-Octadecane (C18)

R.T.: 11.636 min  
Delta R.T.: 0.000 min  
Response: 4178105  
Conc: 28.39 ug/ml



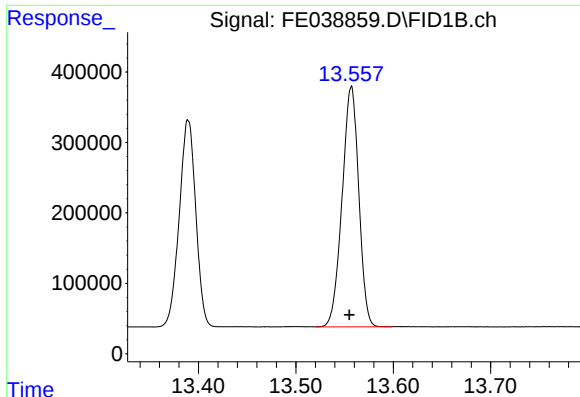
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.953 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.945 min  
Delta R.T.: 0.002 min  
Response: 4102263  
Conc: 28.90 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.557 min  
Delta R.T.: 0.002 min  
Response: 4060815  
Conc: 28.58 ug/ml

Instrument :

FID\_E

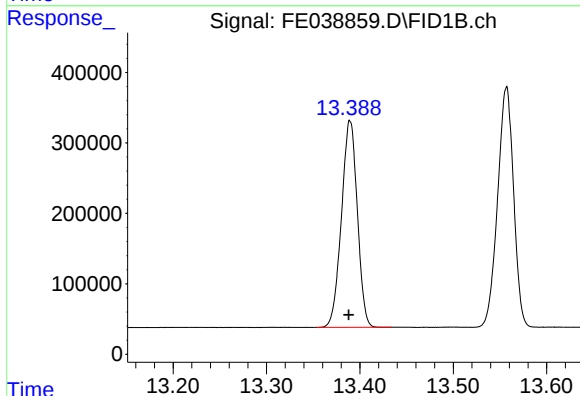
ClientSampleId :

PB149204BSD

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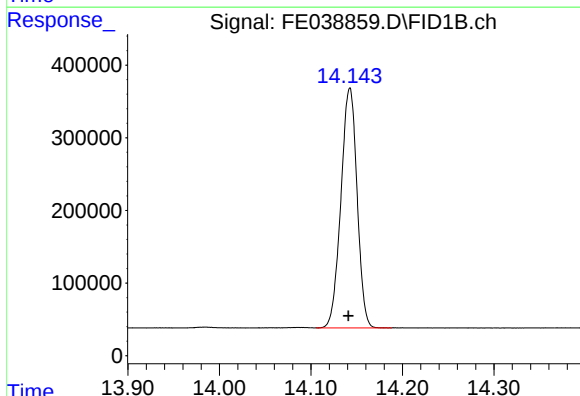
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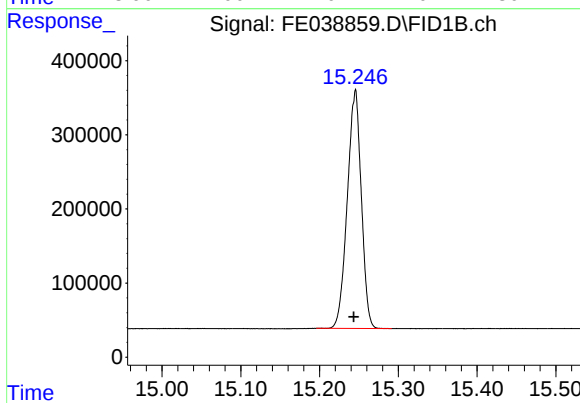
#12 1-chlorooctadecane (SURR)

R.T.: 13.390 min  
Delta R.T.: 0.001 min  
Response: 3469276  
Conc: 28.73 ug/ml



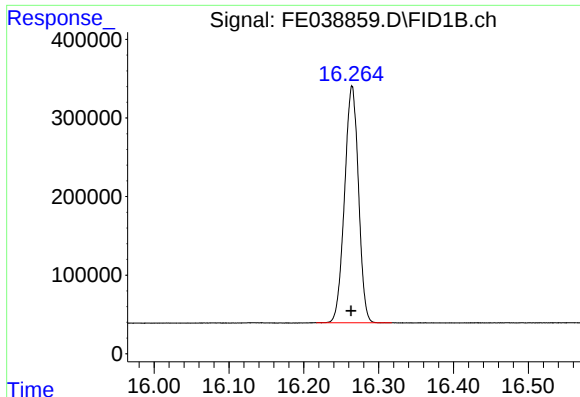
#13 n-Docosane (C22)

R.T.: 14.143 min  
Delta R.T.: 0.002 min  
Response: 4054910  
Conc: 29.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.246 min  
Delta R.T.: 0.002 min  
Response: 3978657  
Conc: 28.81 ug/ml



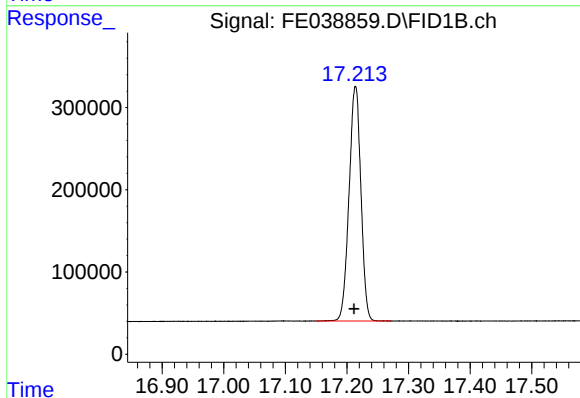
#15 n-Hexacosane (C26)

R.T.: 16.264 min  
Delta R.T.: 0.001 min  
Response: 3894296  
Conc: 28.99 ug/ml

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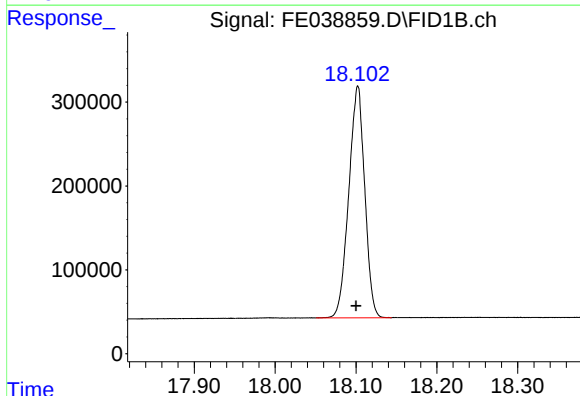
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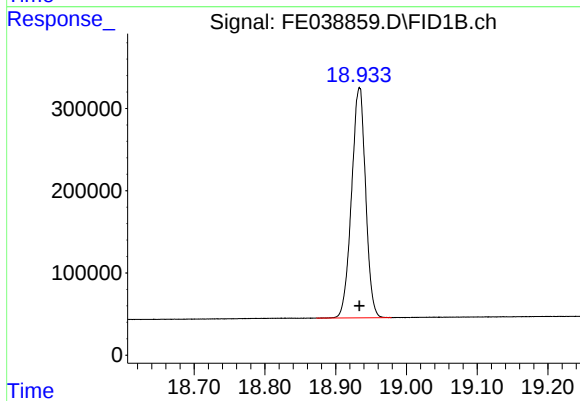
#16 n-Octacosane (C28)

R.T.: 17.214 min  
Delta R.T.: 0.002 min  
Response: 3817215  
Conc: 28.74 ug/ml



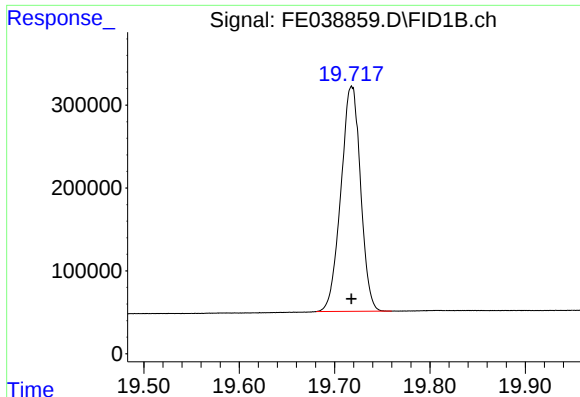
#17 n-Tricontane (C30)

R.T.: 18.102 min  
Delta R.T.: 0.002 min  
Response: 3789851  
Conc: 28.70 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.934 min  
Delta R.T.: 0.000 min  
Response: 3864184  
Conc: 28.97 ug/ml



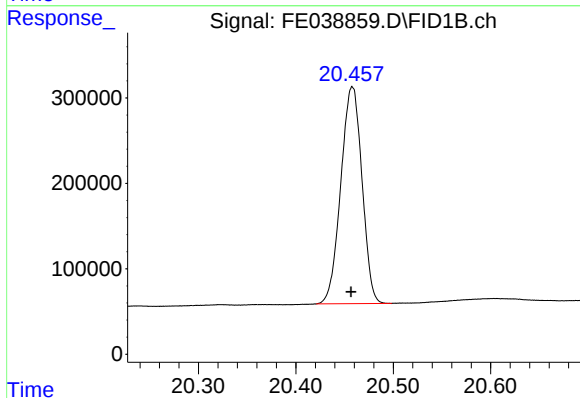
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min  
Delta R.T.: 0.000 min  
Response: 3893725  
Conc: 29.43 ug/ml

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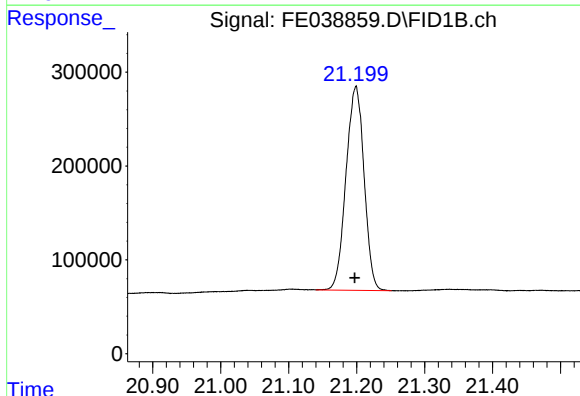
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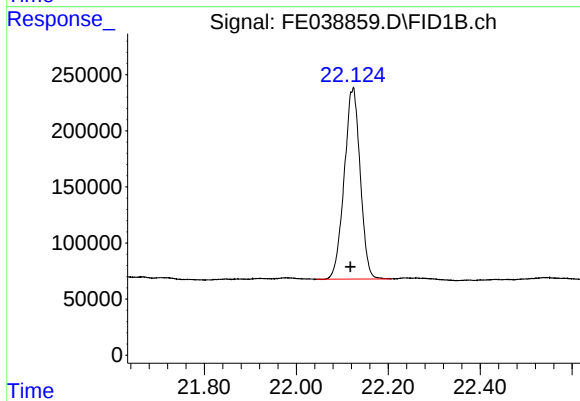
#20 n-Hexatriacontane (C36)

R.T.: 20.458 min  
Delta R.T.: 0.001 min  
Response: 3836496  
Conc: 29.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min  
Delta R.T.: 0.002 min  
Response: 4007645  
Conc: 30.58 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.124 min  
Delta R.T.: 0.007 min  
Response: 4105116  
Conc: 30.15 ug/ml