

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091525AL\  
 Data File : FE055824.D  
 Signal(s) : FID1B.ch  
 Acq On : 15 Sep 2025 13:03  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 16 01:23:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 082925.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 29 08:12:09 2025  
 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)    | 12.070 | 2993181    | 18.220 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.44%       |
| 12) S 1-chlorooctadecane (S... | 13.507 | 2239274    | 17.908 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.82%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.411  | 2178532    | 17.167 ug/ml |
| 2) T n-Decane (C10)            | 4.669  | 2363432    | 18.450 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.388  | 2646595    | 18.216 ug/ml |
| 4) T n-Dodecane (C12)          | 6.844  | 2455883    | 18.861 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.488  | 2590713    | 18.420 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.680  | 2511191    | 19.068 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.295 | 2667597    | 19.261 ug/ml |
| 8) T n-Octadecane (C18)        | 11.744 | 2771828    | 19.003 ug/ml |
| 10) T n-Eicosane (C20)         | 13.059 | 2669640    | 18.546 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.673 | 2596931    | 18.180 ug/ml |
| 13) T n-Docosane (C22)         | 14.261 | 2572657    | 17.972 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.368 | 2579556    | 17.827 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.391 | 2494717    | 17.462 ug/ml |
| 16) T n-Octacosane (C28)       | 17.344 | 2561180    | 18.006 ug/ml |
| 17) T n-Tricontane (C30)       | 18.234 | 2864670    | 19.380 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.068 | 3046291    | 20.755 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.853 | 2822157    | 19.975 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.594 | 2509578    | 19.018 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.370 | 2334752    | 17.927 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.352 | 2157971    | 16.828 ug/ml |
| -----                          |        |            |              |

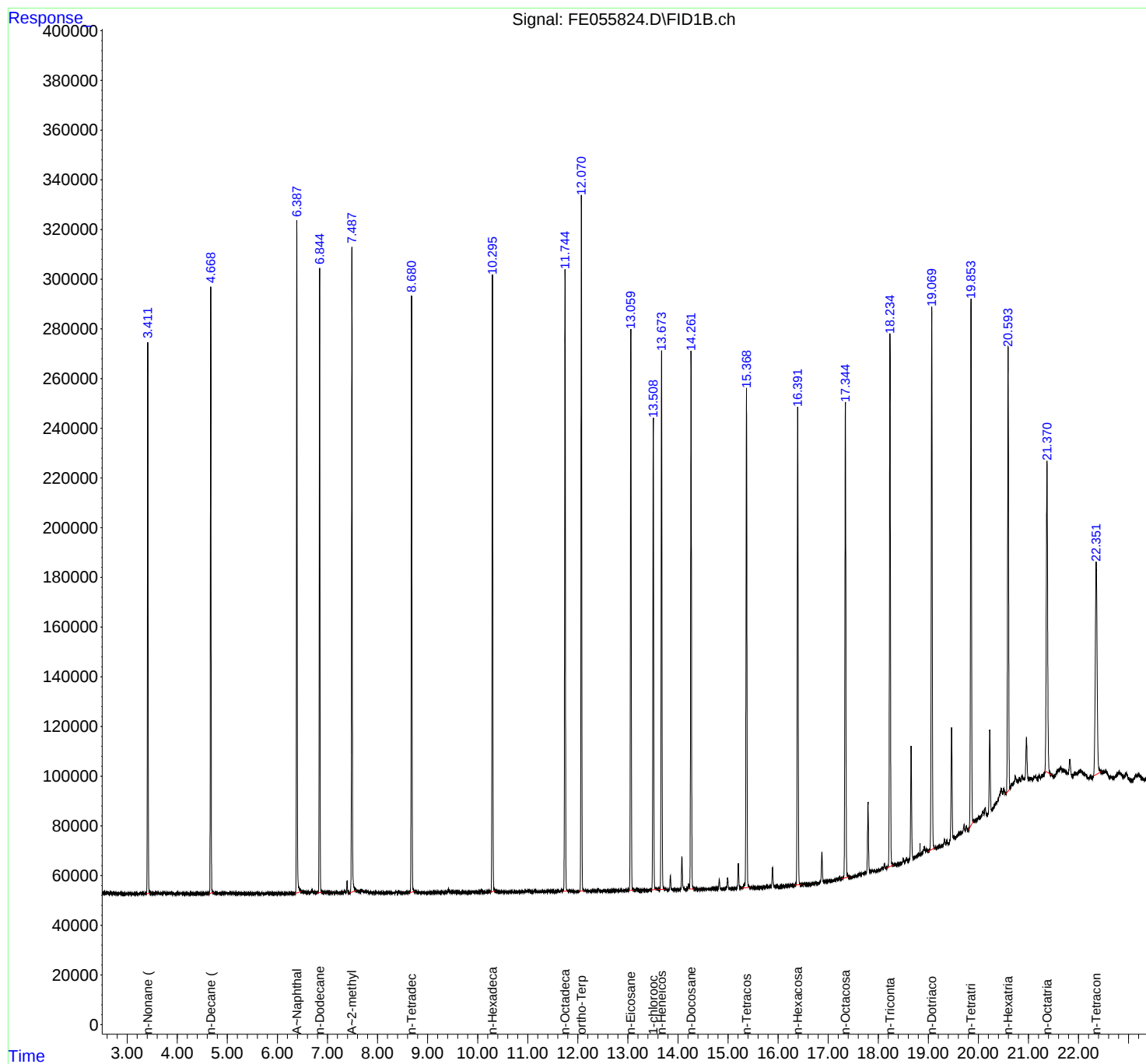
(f)=RT Delta > 1/2 Window

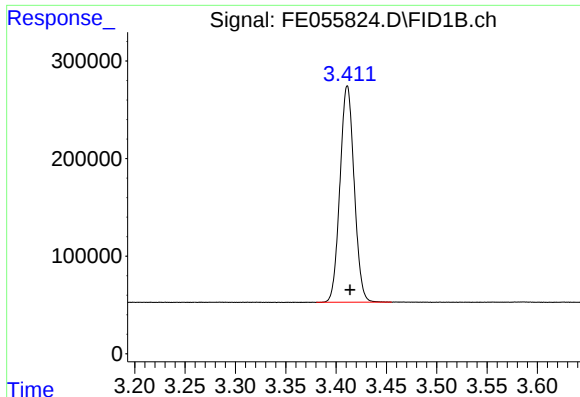
(m)=manual int.

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Operator : YP\AJ  
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Misc :  
ALS Vial : 2 Sample Multiplier: 1

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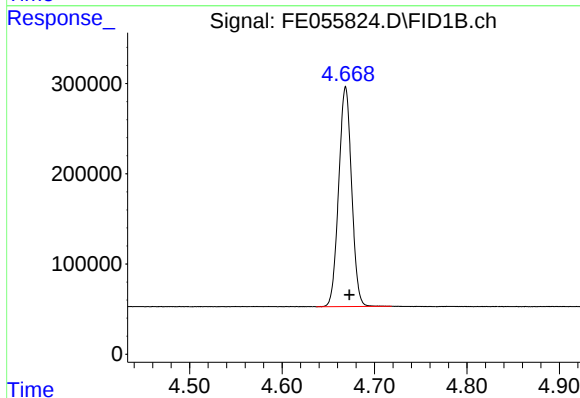
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





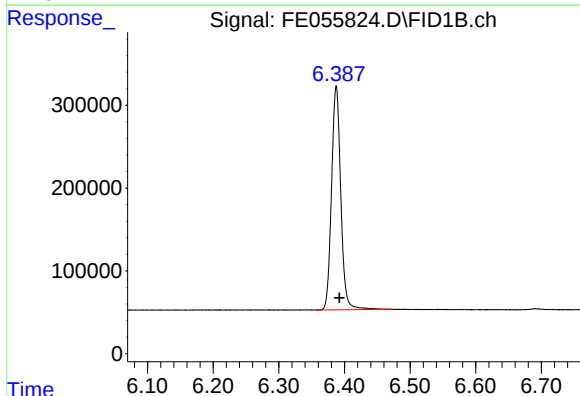
#1 n-Nonane (C9)

R.T.: 3.411 min  
Delta R.T.: -0.003 min  
Response: 2178532  
Conc: 17.17 ug/ml



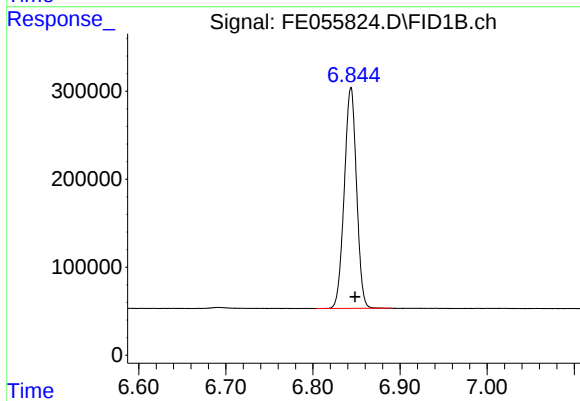
#2 n-Decane (C10)

R.T.: 4.669 min  
Delta R.T.: -0.004 min  
Response: 2363432  
Conc: 18.45 ug/ml



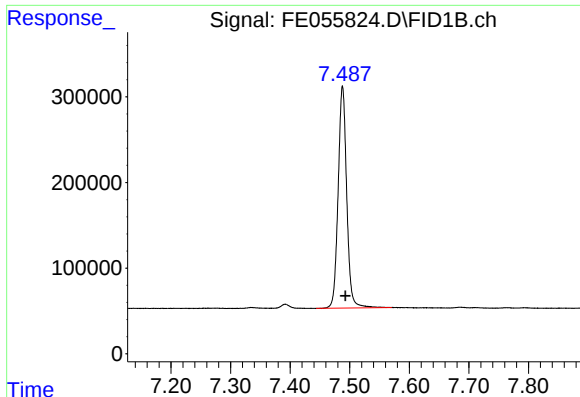
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min  
Delta R.T.: -0.005 min  
Response: 2646595  
Conc: 18.22 ug/ml



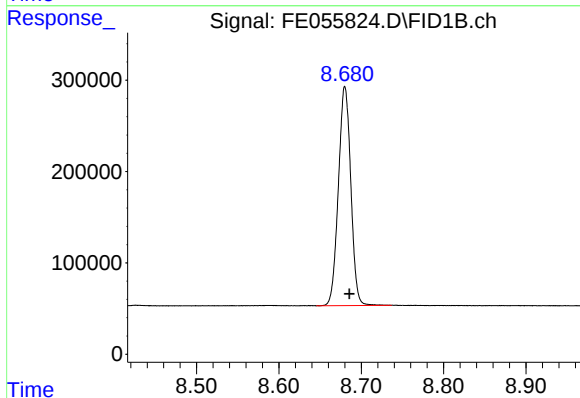
#4 n-Dodecane (C12)

R.T.: 6.844 min  
Delta R.T.: -0.005 min  
Response: 2455883  
Conc: 18.86 ug/ml



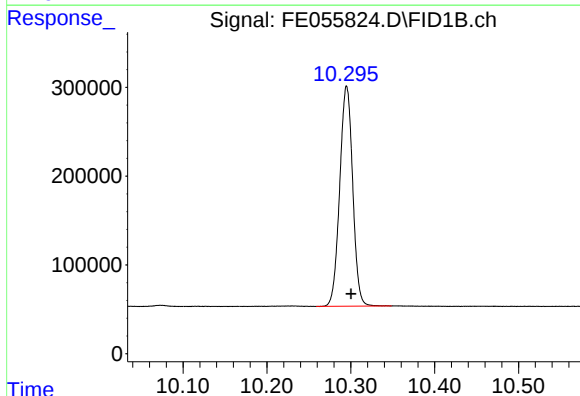
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.488 min  
Delta R.T.: -0.005 min  
Response: 2590713  
Conc: 18.42 ug/ml



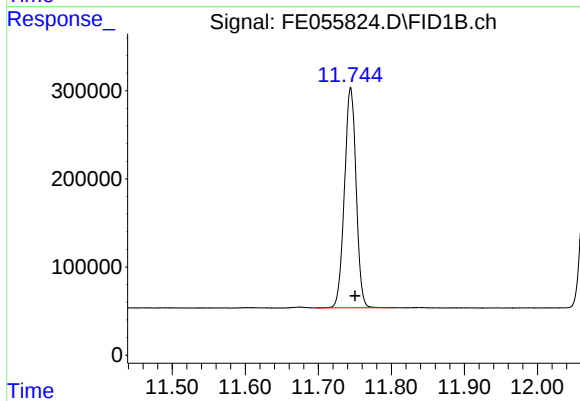
#6 n-Tetradecane (C14)

R.T.: 8.680 min  
Delta R.T.: -0.005 min  
Response: 2511191  
Conc: 19.07 ug/ml



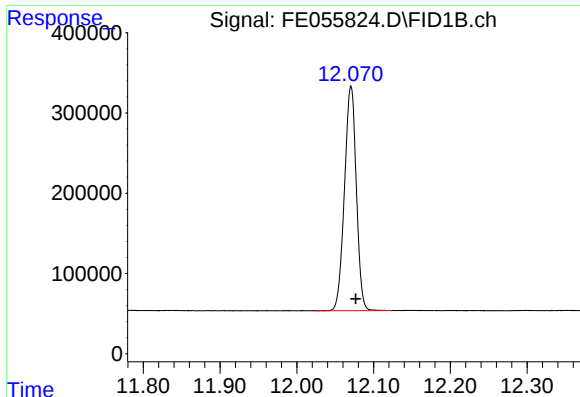
#7 n-Hexadecane (C16)

R.T.: 10.295 min  
Delta R.T.: -0.005 min  
Response: 2667597  
Conc: 19.26 ug/ml



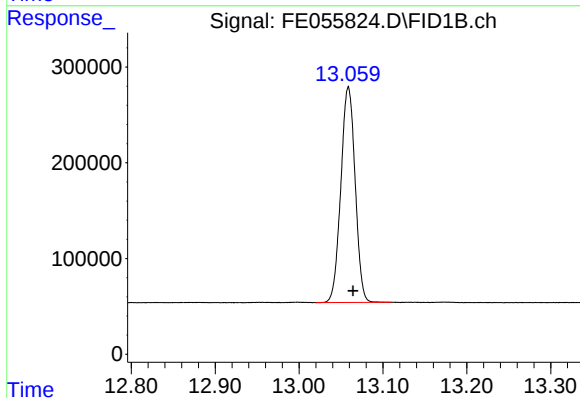
#8 n-Octadecane (C18)

R.T.: 11.744 min  
Delta R.T.: -0.006 min  
Response: 2771828  
Conc: 19.00 ug/ml



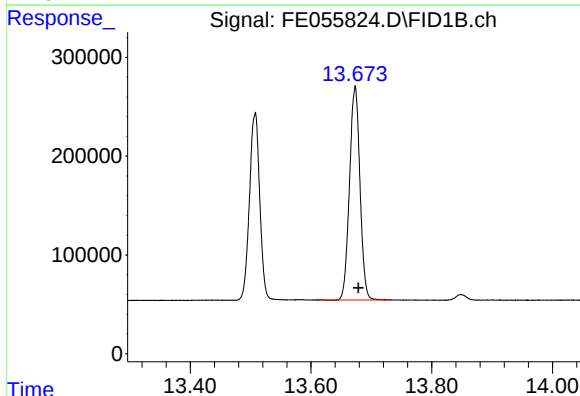
#9 ortho-Terphenyl (SURR)

R.T.: 12.070 min  
Delta R.T.: -0.006 min  
Response: 2993181  
Conc: 18.22 ug/ml



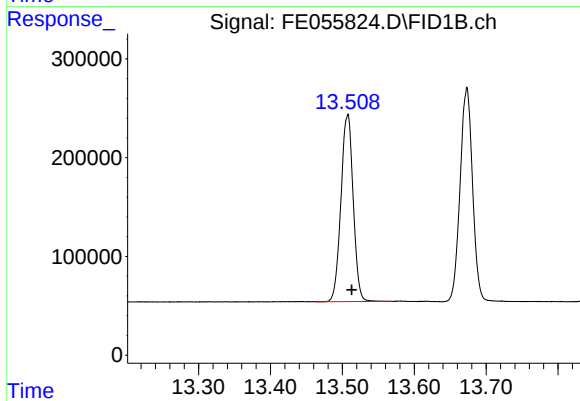
#10 n-Eicosane (C20)

R.T.: 13.059 min  
Delta R.T.: -0.006 min  
Response: 2669640  
Conc: 18.55 ug/ml



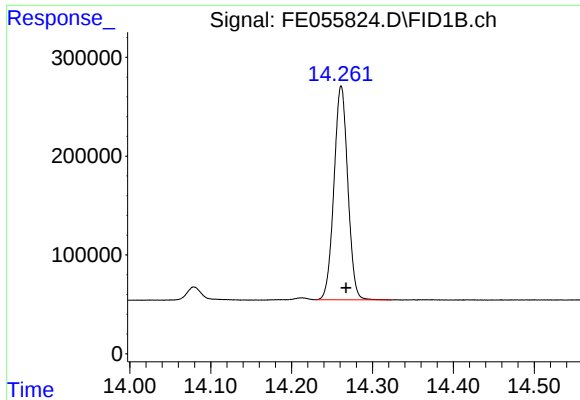
#11 n-Heneicosane (C21)

R.T.: 13.673 min  
Delta R.T.: -0.006 min  
Response: 2596931  
Conc: 18.18 ug/ml



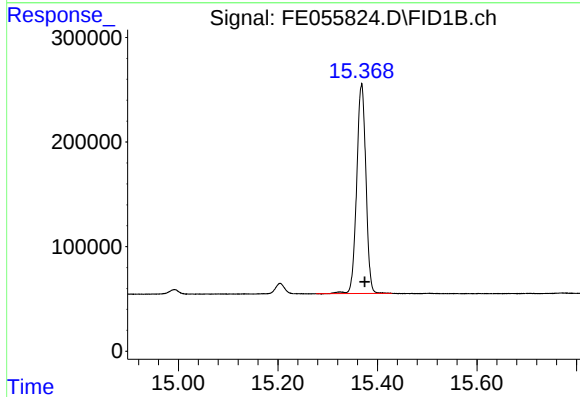
#12 1-chlorooctadecane (SURR)

R.T.: 13.507 min  
Delta R.T.: -0.006 min  
Response: 2239274  
Conc: 17.91 ug/ml



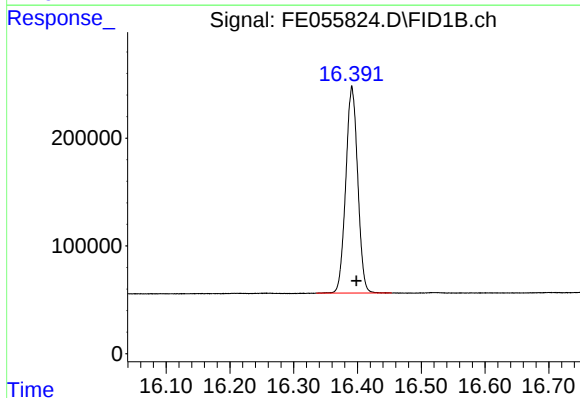
#13 n-Docosane (C22)

R.T.: 14.261 min  
Delta R.T.: -0.006 min  
Response: 2572657  
Conc: 17.97 ug/ml



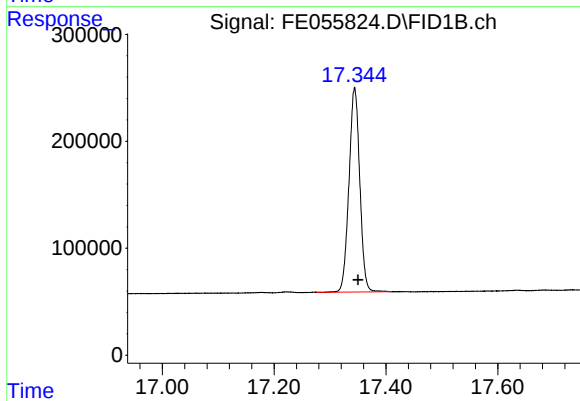
#14 n-Tetracosane (C24)

R.T.: 15.368 min  
Delta R.T.: -0.006 min  
Response: 2579556  
Conc: 17.83 ug/ml



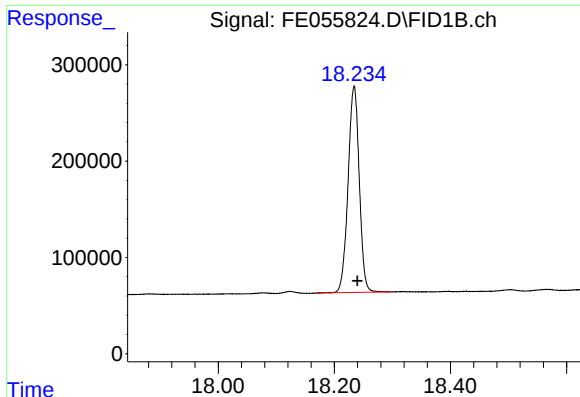
#15 n-Hexacosane (C26)

R.T.: 16.391 min  
Delta R.T.: -0.007 min  
Response: 2494717  
Conc: 17.46 ug/ml



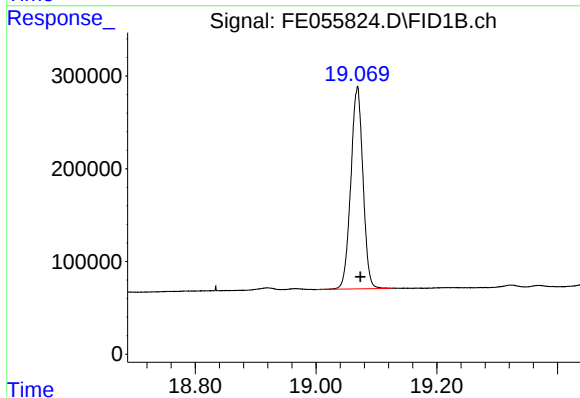
#16 n-Octacosane (C28)

R.T.: 17.344 min  
Delta R.T.: -0.006 min  
Response: 2561180  
Conc: 18.01 ug/ml



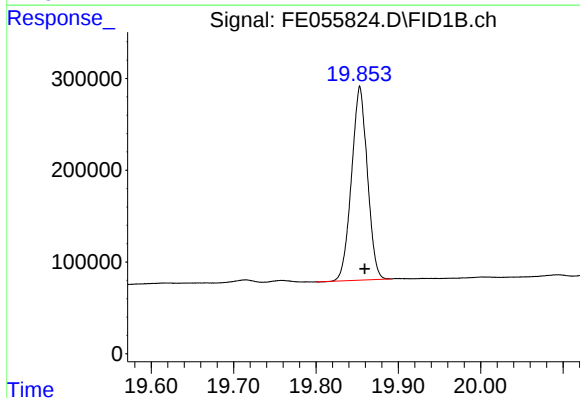
#17 n-Tricontane (C30)

R.T.: 18.234 min  
Delta R.T.: -0.006 min  
Response: 2864670  
Conc: 19.38 ug/ml



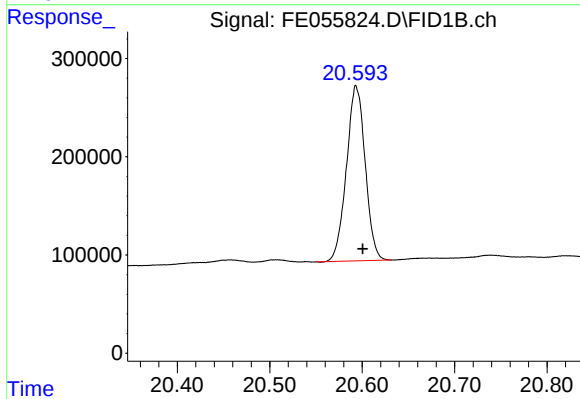
#18 n-Dotriacontane (C32)

R.T.: 19.068 min  
Delta R.T.: -0.005 min  
Response: 3046291  
Conc: 20.75 ug/ml



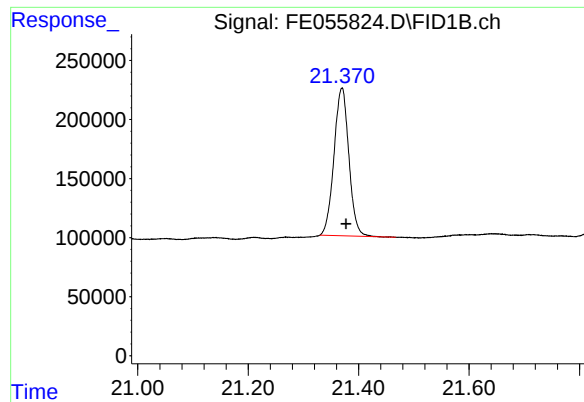
#19 n-Tetratriacontane (C34)

R.T.: 19.853 min  
Delta R.T.: -0.006 min  
Response: 2822157  
Conc: 19.97 ug/ml



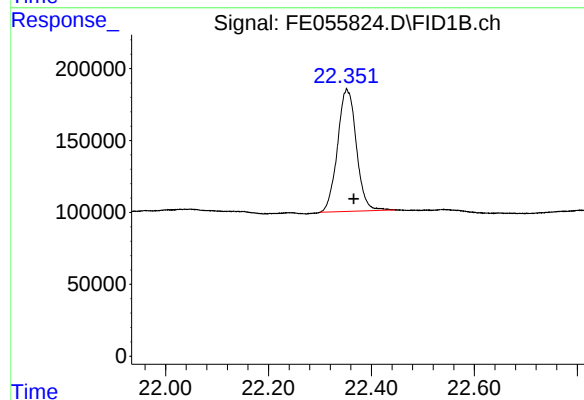
#20 n-Hexatriacontane (C36)

R.T.: 20.594 min  
Delta R.T.: -0.007 min  
Response: 2509578  
Conc: 19.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.370 min  
Delta R.T.: -0.008 min  
Response: 2334752  
Conc: 17.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.352 min  
Delta R.T.: -0.014 min  
Response: 2157971  
Conc: 16.83 ug/ml