

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101323AL\  
 Data File : FE044845.D  
 Signal(s) : FID1B.ch  
 Acq On : 13 Oct 2023 16:30  
 Operator : YP\AJ  
 Sample : 04878-01MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 14 00:25:20 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 101123.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 12 06:15:32 2023  
 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)    | 11.910 | 6865412    | 34.247 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 68.49%        |
| 12) S 1-chlorooctadecane (S... | 13.351 | 5301891    | 35.827 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 71.65%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.286  | 2538402    | 15.132 ug/ml  |
| 2) T n-Decane (C10)            | 4.540  | 3066323    | 18.000 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.242  | 3750990    | 20.263 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.707  | 3651757    | 21.155 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.338  | 3955058    | 21.925 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.537  | 4231975    | 24.679 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.146 | 4714375    | 26.959 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.594 | 4846774    | 27.789 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.906 | 4853203    | 29.056 ug/mlm |
| 11) T n-Heneicosane (C21)      | 13.519 | 4708339    | 28.883 ug/mlm |
| 13) T n-Docosane (C22)         | 14.106 | 4816242    | 30.110 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.188 | 9347764    | 60.232 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.234 | 4334049    | 28.868 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.184 | 4516996    | 30.761 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.075 | 4316312    | 29.021 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.907 | 4365160    | 29.083 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.693 | 4118588    | 27.667 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.435 | 3800021    | 24.717 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.175 | 3901986    | 24.979 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.095 | 4044484    | 24.201 ug/ml  |
| -----                          |        |            |               |

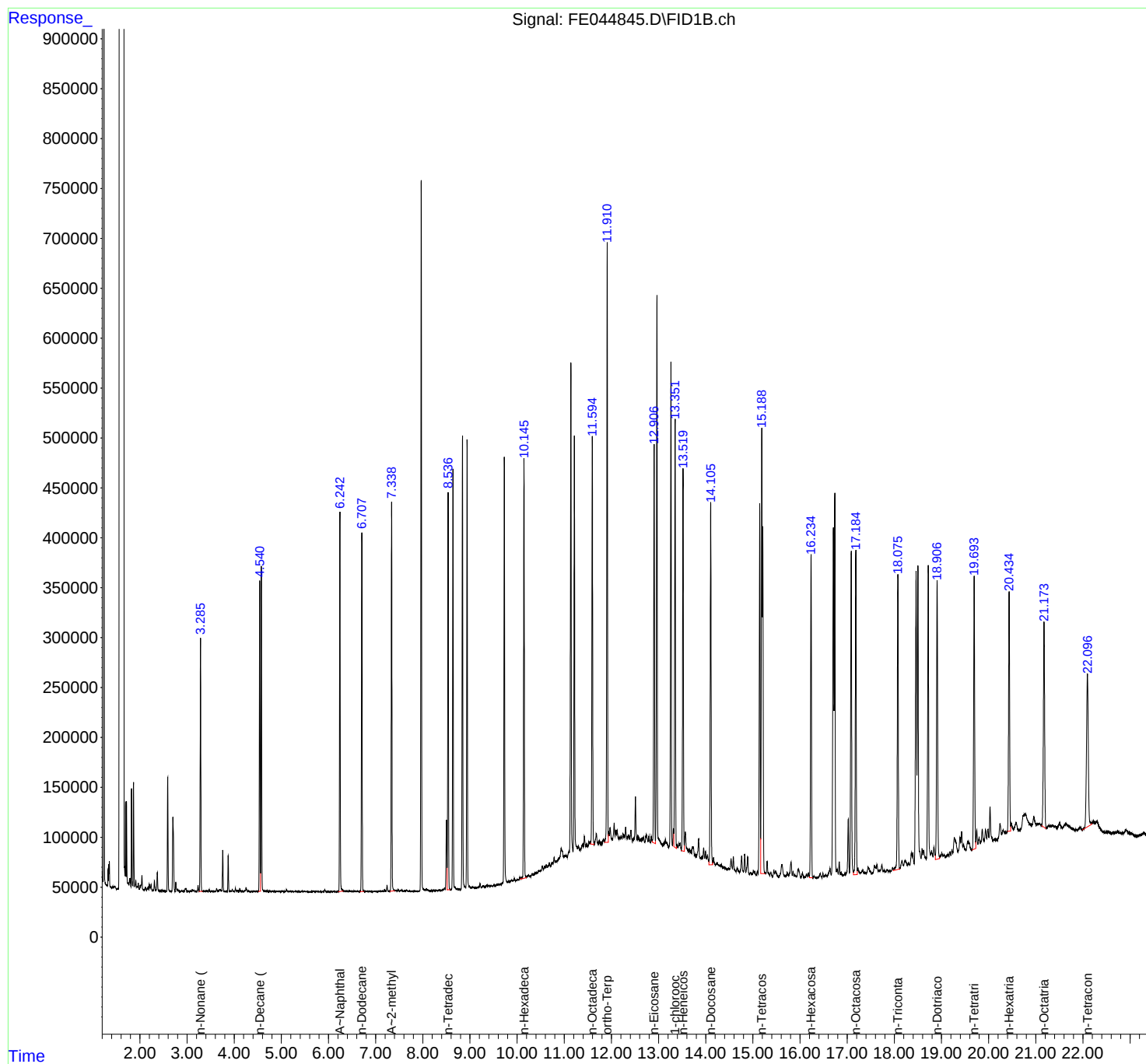
(f)=RT Delta > 1/2 Window

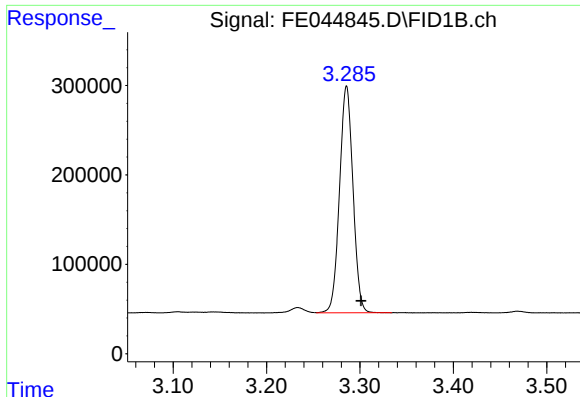
(m)=manual int.

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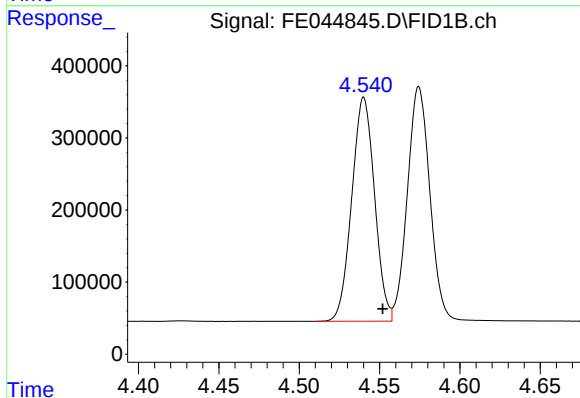
Volume Inj. : 1 uL  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





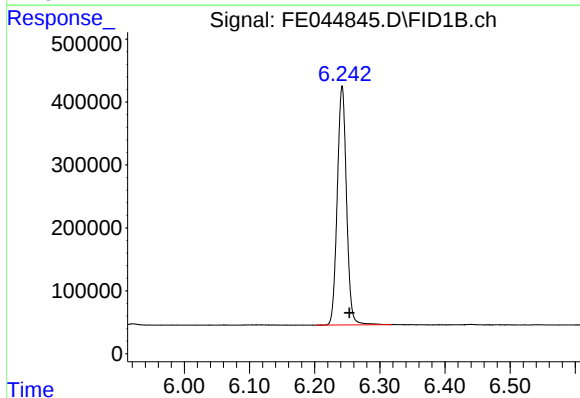
#1 n-Nonane (C9)

R.T.: 3.286 min  
Delta R.T.: -0.015 min  
Response: 2538402  
Conc: 15.13 ug/ml



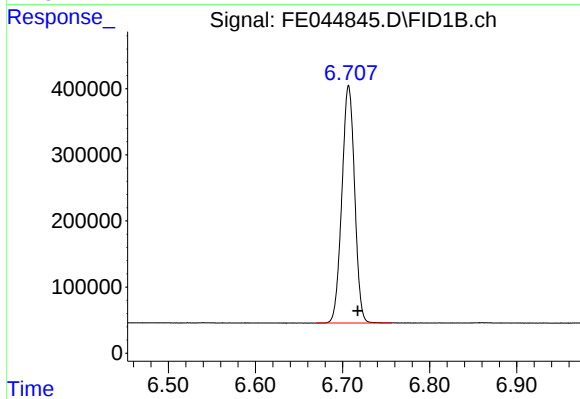
#2 n-Decane (C10)

R.T.: 4.540 min  
Delta R.T.: -0.012 min  
Response: 3066323  
Conc: 18.00 ug/ml



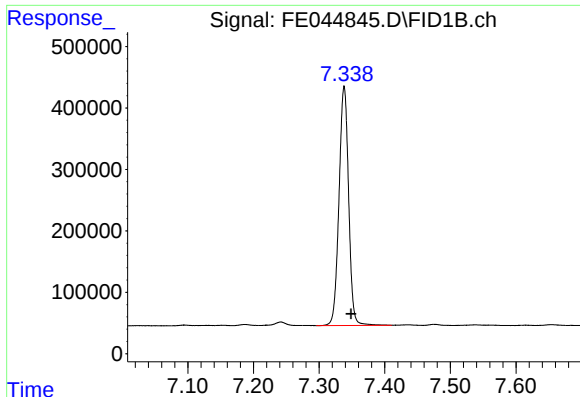
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min  
Delta R.T.: -0.011 min  
Response: 3750990  
Conc: 20.26 ug/ml



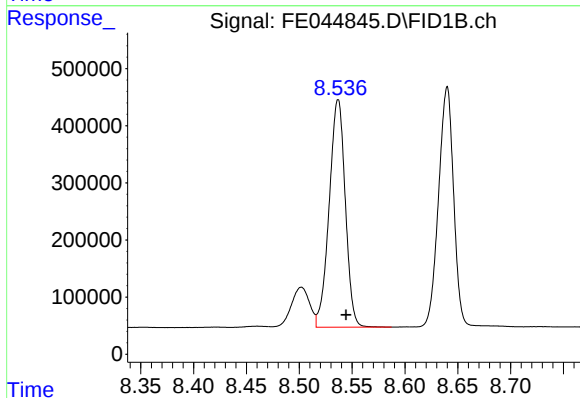
#4 n-Dodecane (C12)

R.T.: 6.707 min  
Delta R.T.: -0.011 min  
Response: 3651757  
Conc: 21.15 ug/ml



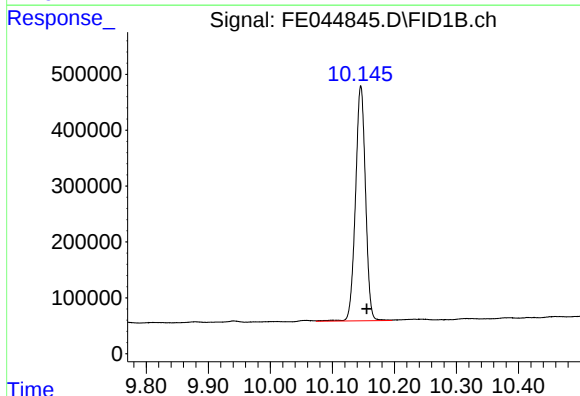
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.338 min  
Delta R.T.: -0.011 min  
Response: 3955058  
Conc: 21.92 ug/ml



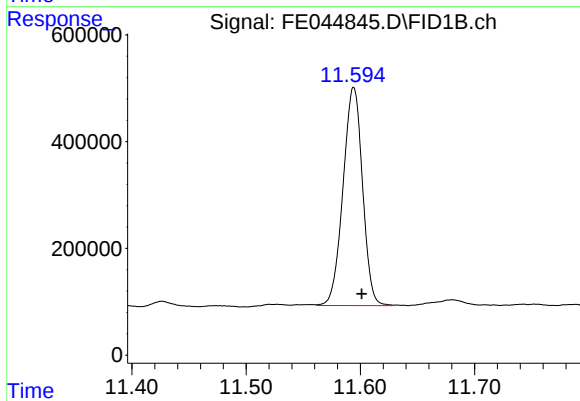
#6 n-Tetradecane (C14)

R.T.: 8.537 min  
Delta R.T.: -0.008 min  
Response: 4231975  
Conc: 24.68 ug/ml



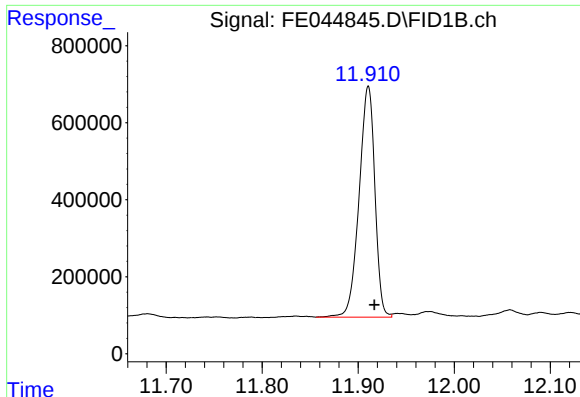
#7 n-Hexadecane (C16)

R.T.: 10.146 min  
Delta R.T.: -0.009 min  
Response: 4714375  
Conc: 26.96 ug/ml



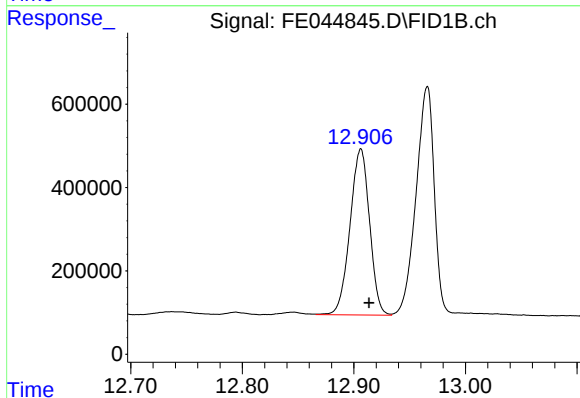
#8 n-Octadecane (C18)

R.T.: 11.594 min  
Delta R.T.: -0.008 min  
Response: 4846774  
Conc: 27.79 ug/ml m



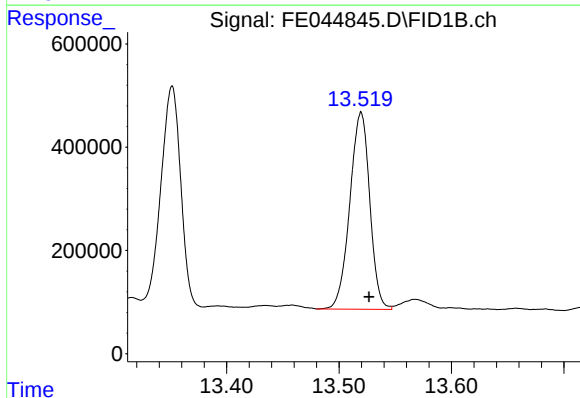
#9 ortho-Terphenyl (SURR)

R.T.: 11.910 min  
Delta R.T.: -0.007 min  
Response: 6865412  
Conc: 34.25 ug/ml m



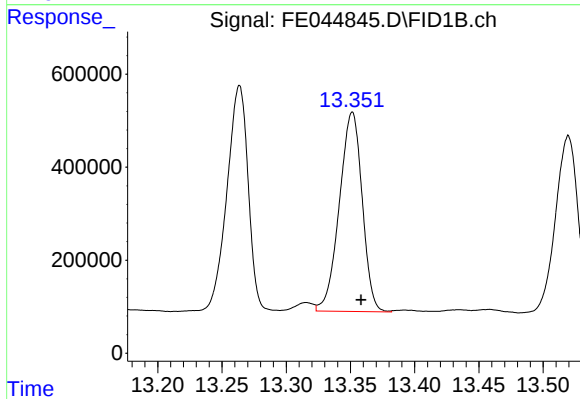
#10 n-Eicosane (C20)

R.T.: 12.906 min  
Delta R.T.: -0.008 min  
Response: 4853203  
Conc: 29.06 ug/ml m



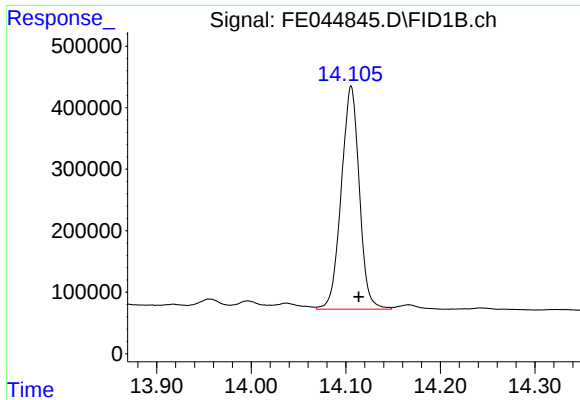
#11 n-Heneicosane (C21)

R.T.: 13.519 min  
Delta R.T.: -0.007 min  
Response: 4708339  
Conc: 28.88 ug/ml m



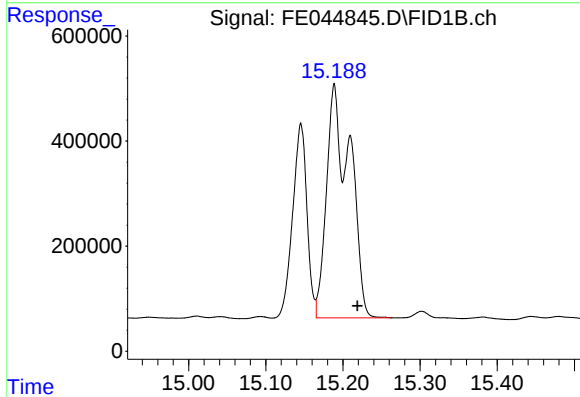
#12 1-chlorooctadecane (SURR)

R.T.: 13.351 min  
Delta R.T.: -0.007 min  
Response: 5301891  
Conc: 35.83 ug/ml m



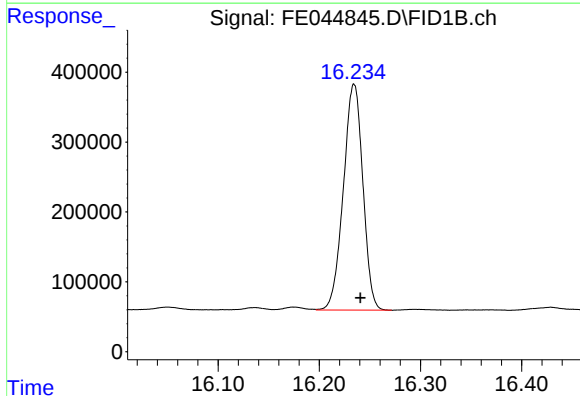
#13 n-Docosane (C22)

R.T.: 14.106 min  
Delta R.T.: -0.008 min  
Response: 4816242  
Conc: 30.11 ug/ml



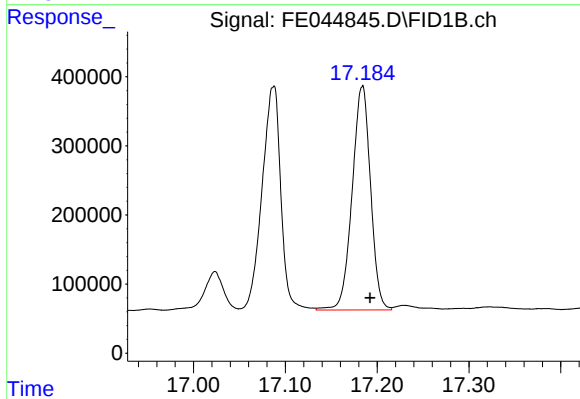
#14 n-Tetracosane (C24)

R.T.: 15.188 min  
Delta R.T.: -0.030 min  
Response: 9347764  
Conc: 60.23 ug/ml m



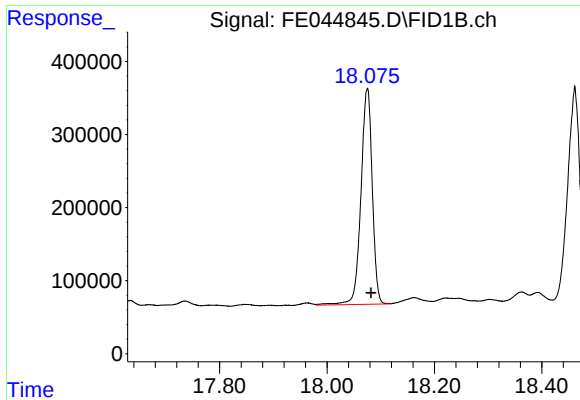
#15 n-Hexacosane (C26)

R.T.: 16.234 min  
Delta R.T.: -0.006 min  
Response: 4334049  
Conc: 28.87 ug/ml



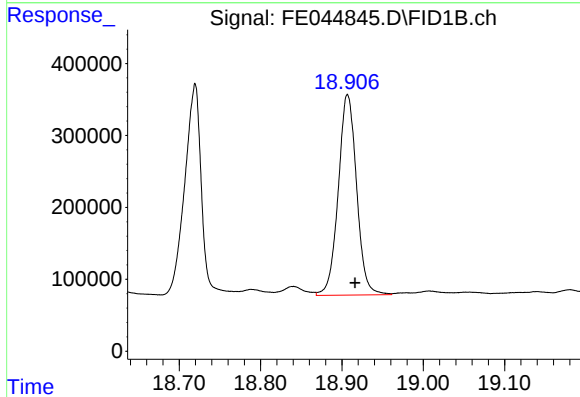
#16 n-Octacosane (C28)

R.T.: 17.184 min  
Delta R.T.: -0.009 min  
Response: 4516996  
Conc: 30.76 ug/ml



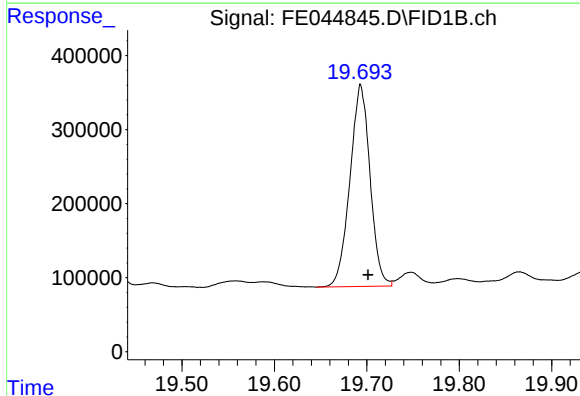
#17 n-Tricontane (C30)

R.T.: 18.075 min  
Delta R.T.: -0.007 min  
Response: 4316312  
Conc: 29.02 ug/ml



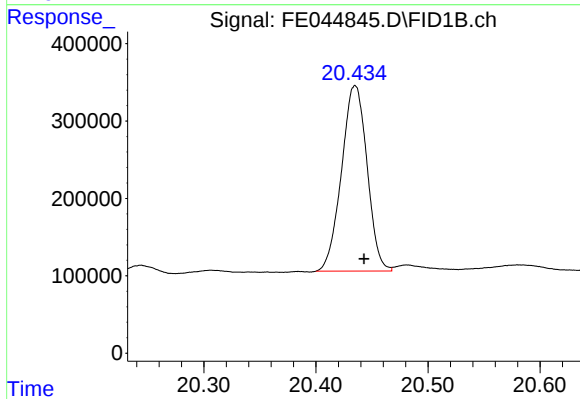
#18 n-Dotriacontane (C32)

R.T.: 18.907 min  
Delta R.T.: -0.009 min  
Response: 4365160  
Conc: 29.08 ug/ml



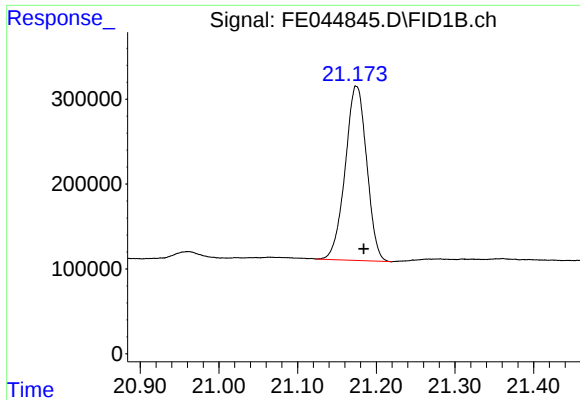
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min  
Delta R.T.: -0.008 min  
Response: 4118588  
Conc: 27.67 ug/ml



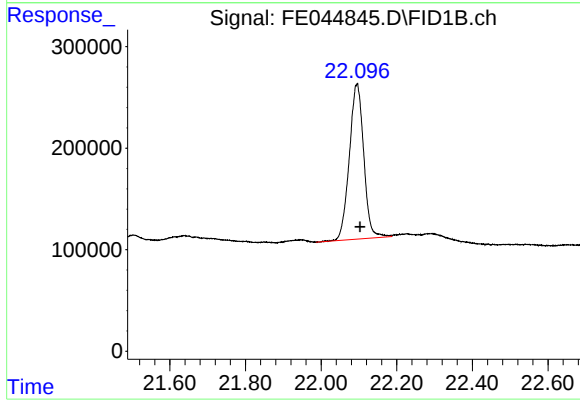
#20 n-Hexatriacontane (C36)

R.T.: 20.435 min  
Delta R.T.: -0.008 min  
Response: 3800021  
Conc: 24.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.175 min  
Delta R.T.: -0.009 min  
Response: 3901986  
Conc: 24.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.095 min  
Delta R.T.: -0.008 min  
Response: 4044484  
Conc: 24.20 ug/ml