

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE020224AL\  
 Data File : FE046563.D  
 Signal(s) : FID1B.ch  
 Acq On : 03 Feb 2024 06:28  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 05 05:09:37 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 012524.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 14:56:03 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)    | 11.820 | 3404935    | 18.414 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.83%       |
| 12) S 1-chlorooctadecane (S... | 13.262 | 2572442    | 18.081 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.16%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.206  | 3144724    | 19.469 ug/ml |
| 2) T n-Decane (C10)            | 4.457  | 3282478    | 20.029 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.162  | 3399635    | 19.881 ug/ml |
| 4) T n-Dodecane (C12)          | 6.624  | 3321900    | 20.083 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.259  | 3204635    | 20.093 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.451  | 3261792    | 19.902 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.061 | 3315249    | 19.401 ug/ml |
| 8) T n-Octadecane (C18)        | 11.505 | 3305732    | 18.962 ug/ml |
| 10) T n-Eicosane (C20)         | 12.816 | 3123520    | 18.397 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.428 | 3021185    | 18.114 ug/ml |
| 13) T n-Docosane (C22)         | 14.016 | 2992664    | 18.064 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.121 | 2924598    | 17.725 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.143 | 2817326    | 17.455 ug/ml |
| 16) T n-Octacosane (C28)       | 17.096 | 2775216    | 17.679 ug/ml |
| 17) T n-Tricontane (C30)       | 17.983 | 2852926    | 18.214 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.819 | 2818416    | 18.645 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.604 | 2671315    | 18.834 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.346 | 2484683    | 18.026 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.076 | 2646168    | 20.642 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.963 | 2699995    | 21.594 ug/ml |
| -----                          |        |            |              |

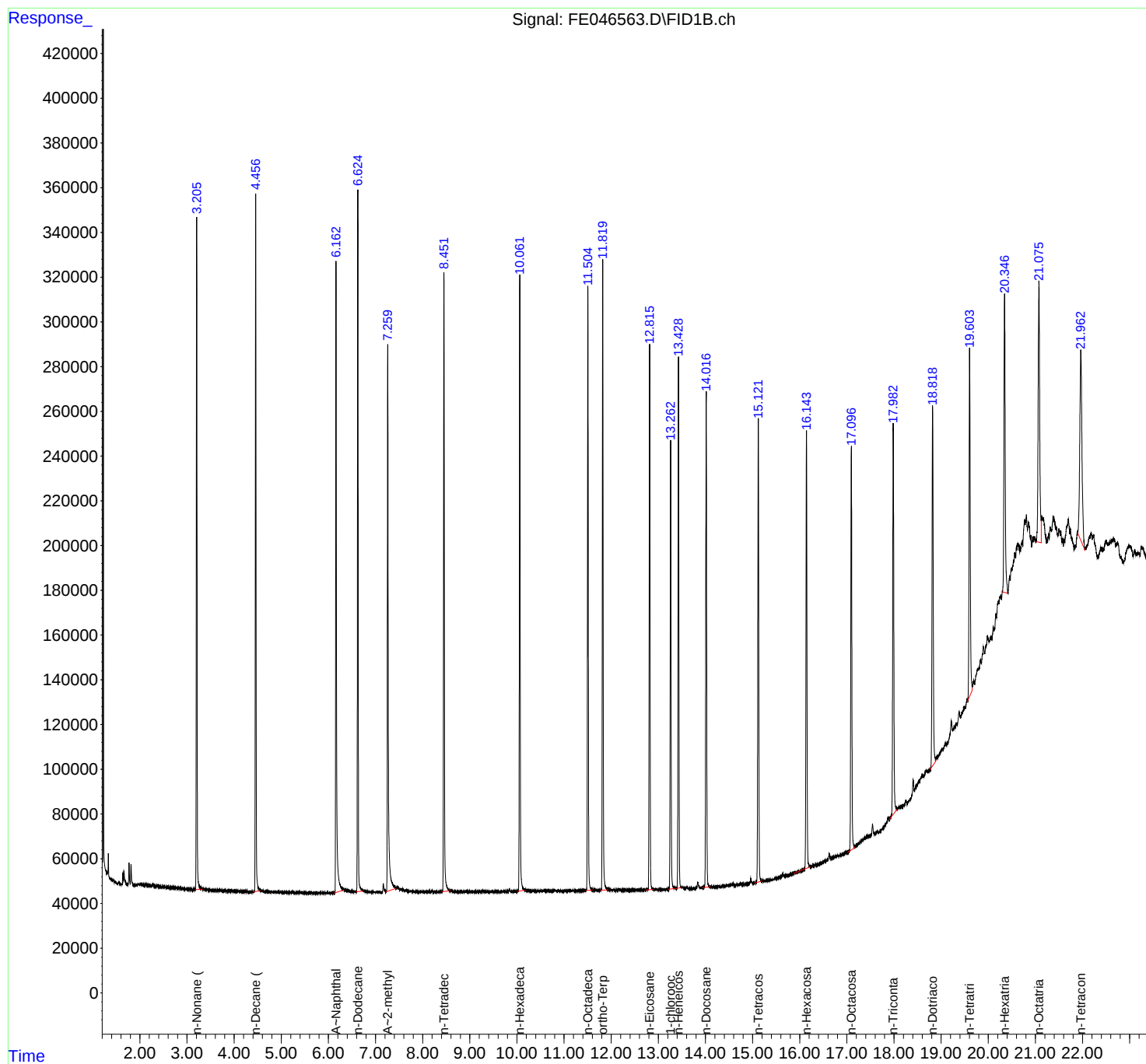
(f)=RT Delta > 1/2 Window

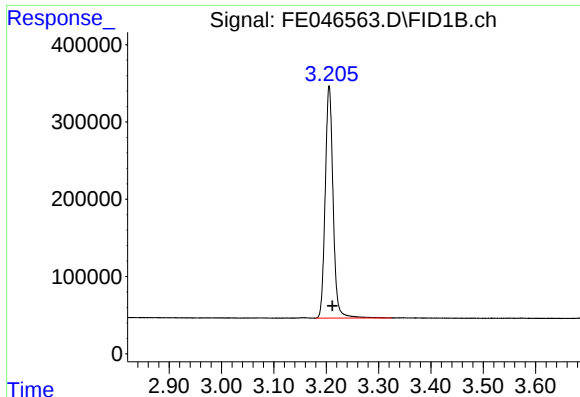
(m)=manual int.

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QLast Update : Thu Jan 25 14:56:03 2024  
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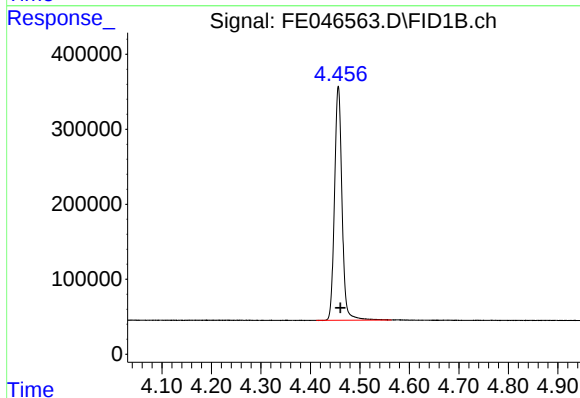
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





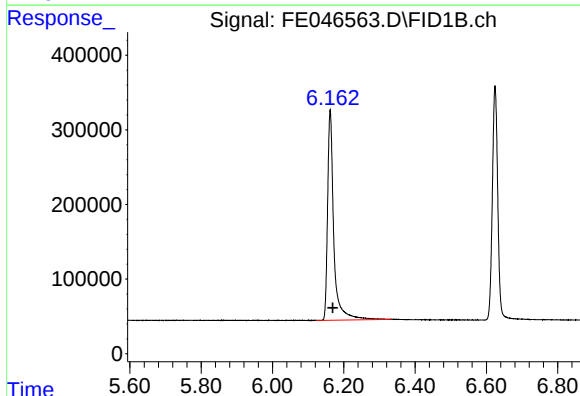
#1 n-Nonane (C9)

R.T.: 3.206 min  
Delta R.T.: -0.006 min  
Response: 3144724  
Conc: 19.47 ug/ml



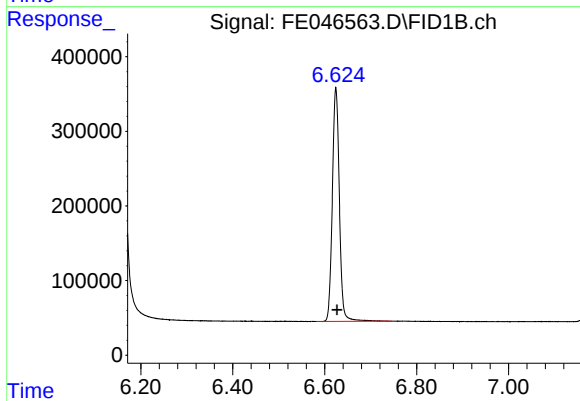
#2 n-Decane (C10)

R.T.: 4.457 min  
Delta R.T.: -0.004 min  
Response: 3282478  
Conc: 20.03 ug/ml



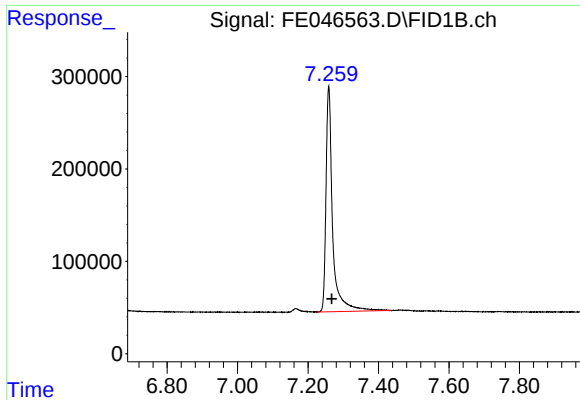
#3 A~Naphthalene (C11.7)

R.T.: 6.162 min  
Delta R.T.: -0.007 min  
Response: 3399635  
Conc: 19.88 ug/ml



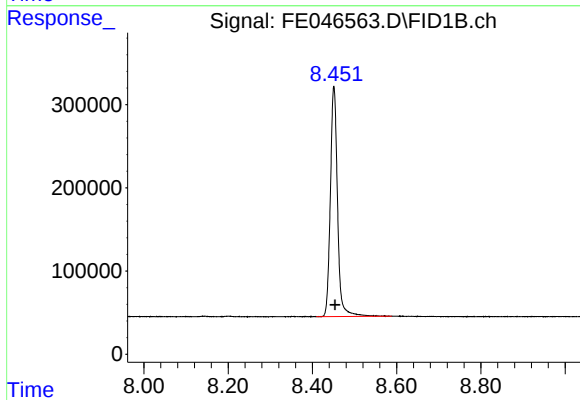
#4 n-Dodecane (C12)

R.T.: 6.624 min  
Delta R.T.: -0.002 min  
Response: 3321900  
Conc: 20.08 ug/ml



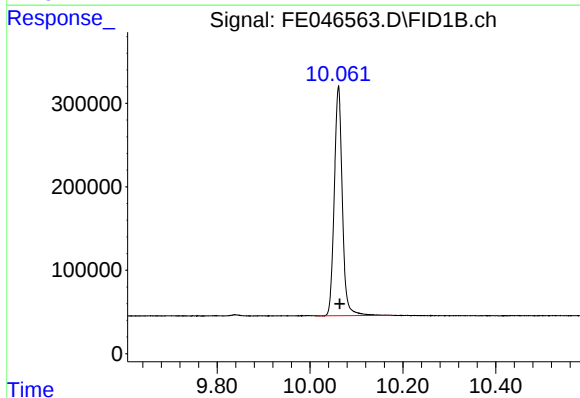
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.259 min  
Delta R.T.: -0.008 min  
Response: 3204635  
Conc: 20.09 ug/ml



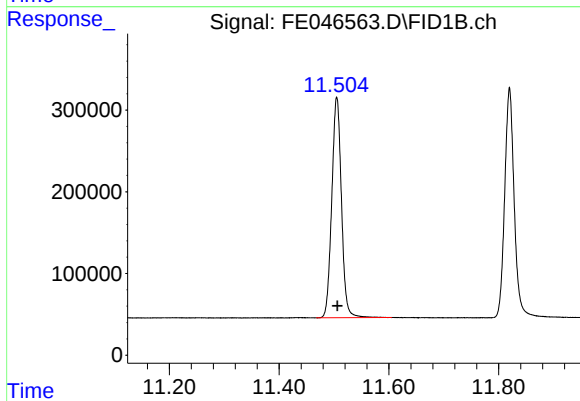
#6 n-Tetradecane (C14)

R.T.: 8.451 min  
Delta R.T.: -0.003 min  
Response: 3261792  
Conc: 19.90 ug/ml



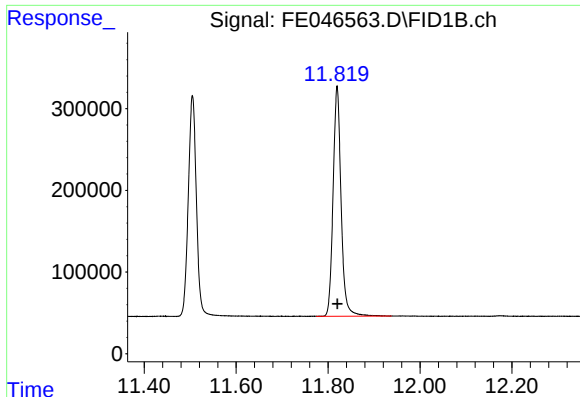
#7 n-Hexadecane (C16)

R.T.: 10.061 min  
Delta R.T.: -0.003 min  
Response: 3315249  
Conc: 19.40 ug/ml



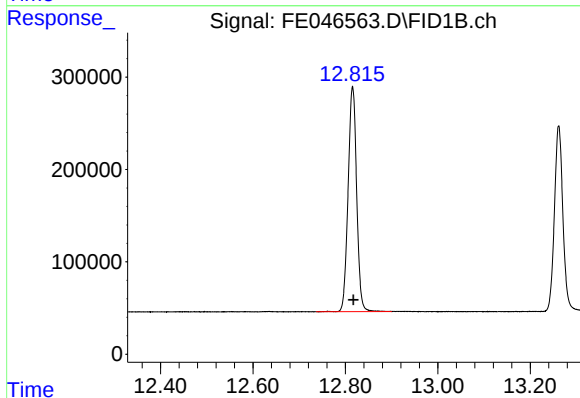
#8 n-Octadecane (C18)

R.T.: 11.505 min  
Delta R.T.: -0.001 min  
Response: 3305732  
Conc: 18.96 ug/ml



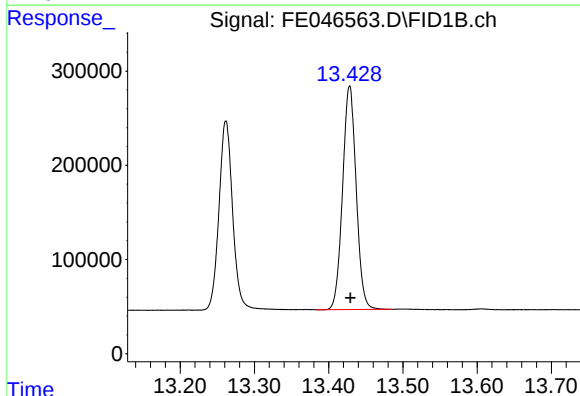
#9 ortho-Terphenyl (SURR)

R.T.: 11.820 min  
Delta R.T.: 0.000 min  
Response: 3404935  
Conc: 18.41 ug/ml



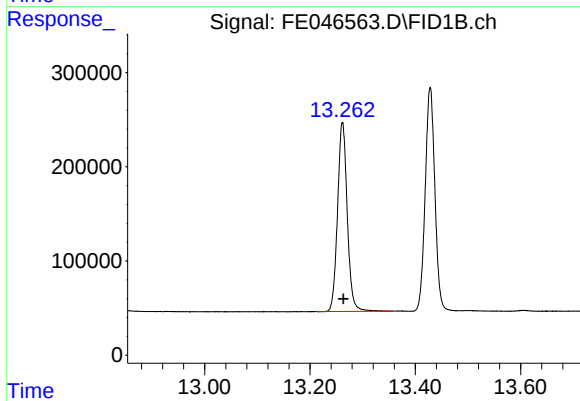
#10 n-Eicosane (C20)

R.T.: 12.816 min  
Delta R.T.: -0.001 min  
Response: 3123520  
Conc: 18.40 ug/ml



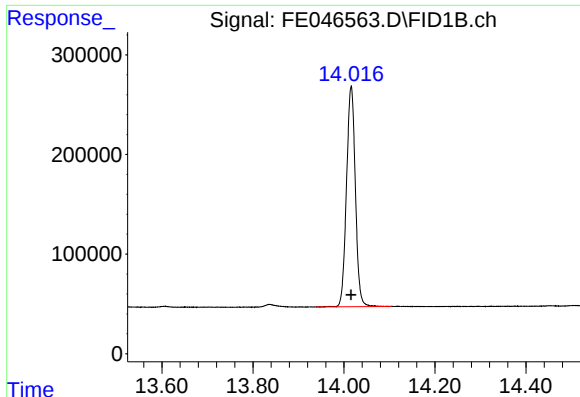
#11 n-Heneicosane (C21)

R.T.: 13.428 min  
Delta R.T.: 0.000 min  
Response: 3021185  
Conc: 18.11 ug/ml



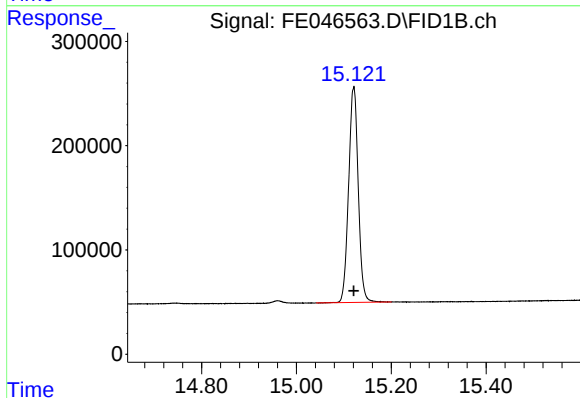
#12 1-chlorooctadecane (SURR)

R.T.: 13.262 min  
Delta R.T.: -0.002 min  
Response: 2572442  
Conc: 18.08 ug/ml



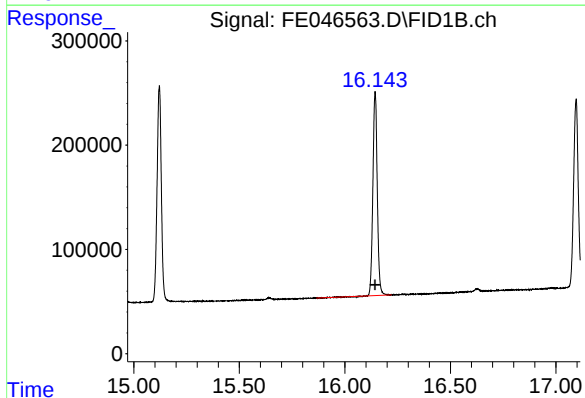
#13 n-Docosane (C22)

R.T.: 14.016 min  
Delta R.T.: 0.000 min  
Response: 2992664  
Conc: 18.06 ug/ml



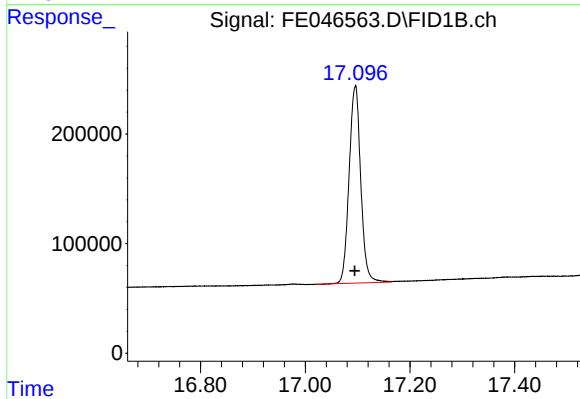
#14 n-Tetracosane (C24)

R.T.: 15.121 min  
Delta R.T.: 0.000 min  
Response: 2924598  
Conc: 17.72 ug/ml



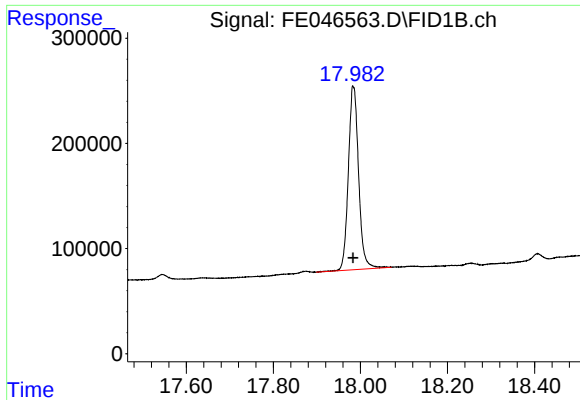
#15 n-Hexacosane (C26)

R.T.: 16.143 min  
Delta R.T.: 0.000 min  
Response: 2817326  
Conc: 17.46 ug/ml



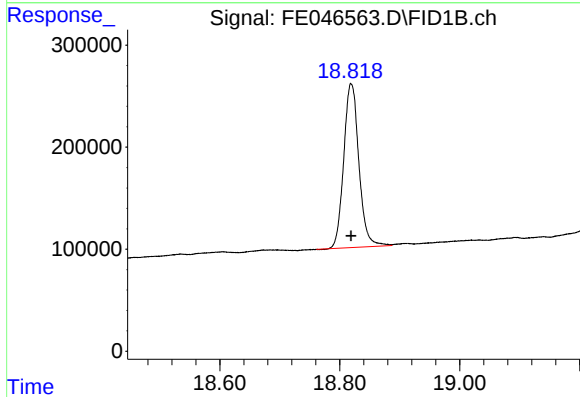
#16 n-Octacosane (C28)

R.T.: 17.096 min  
Delta R.T.: 0.001 min  
Response: 2775216  
Conc: 17.68 ug/ml



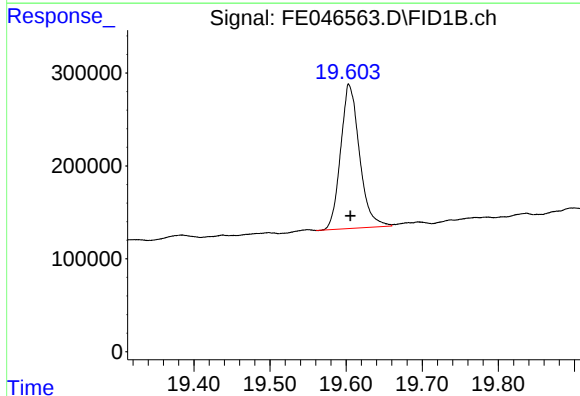
#17 n-Tricontane (C30)

R.T.: 17.983 min  
Delta R.T.: 0.000 min  
Response: 2852926  
Conc: 18.21 ug/ml



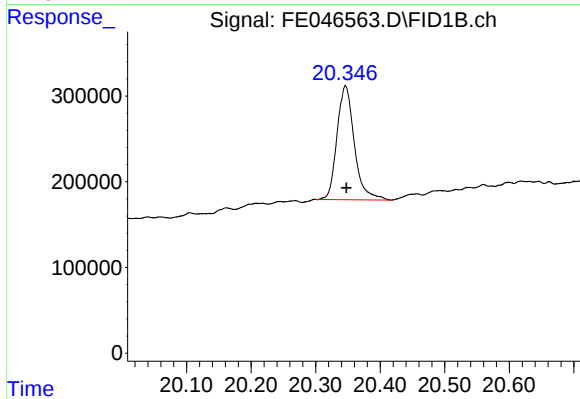
#18 n-Dotriacontane (C32)

R.T.: 18.819 min  
Delta R.T.: 0.000 min  
Response: 2818416  
Conc: 18.65 ug/ml



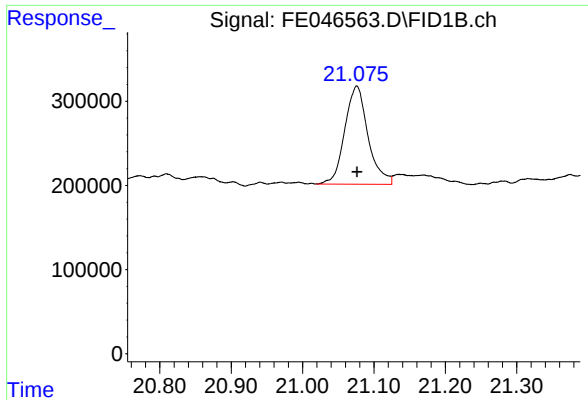
#19 n-Tetratriacontane (C34)

R.T.: 19.604 min  
Delta R.T.: -0.002 min  
Response: 2671315  
Conc: 18.83 ug/ml



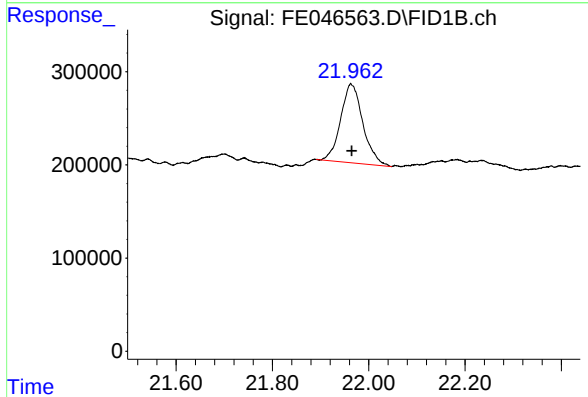
#20 n-Hexatriacontane (C36)

R.T.: 20.346 min  
Delta R.T.: -0.001 min  
Response: 2484683  
Conc: 18.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.076 min  
Delta R.T.: 0.000 min  
Response: 2646168  
Conc: 20.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.963 min  
Delta R.T.: -0.002 min  
Response: 2699995  
Conc: 21.59 ug/ml