

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE021523AL\  
 Data File : FE040357.D  
 Signal(s) : FID1B.ch  
 Acq On : 15 Feb 2023 10:30  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 16 01:34:37 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 020223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 02 04:52:48 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)    | 11.893 | 3753715    | 23.191 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 46.38%       |
| 12) S 1-chlorooctadecane (S... | 13.331 | 2842035    | 22.915 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 45.83%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.284  | 3164100    | 23.248 ug/ml |
| 2) T n-Decane (C10)            | 4.535  | 3092846    | 23.277 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.237  | 3447697    | 23.558 ug/ml |
| 4) T n-Dodecane (C12)          | 6.699  | 3143786    | 23.350 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.333  | 3227919    | 23.848 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.526  | 3190459    | 23.150 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.134 | 3313042    | 23.084 ug/ml |
| 8) T n-Octadecane (C18)        | 11.577 | 3414559    | 22.954 ug/ml |
| 10) T n-Eicosane (C20)         | 12.886 | 3360756    | 22.859 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.498 | 3380003    | 22.916 ug/ml |
| 13) T n-Docosane (C22)         | 14.084 | 3346671    | 22.587 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.189 | 3323437    | 21.893 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.211 | 3224877    | 21.753 ug/ml |
| 16) T n-Octacosane (C28)       | 17.162 | 3140533    | 20.956 ug/ml |
| 17) T n-Tricontane (C30)       | 18.050 | 3034252    | 20.564 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.884 | 2988428    | 20.405 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.667 | 2918725    | 21.220 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.408 | 2775524    | 20.925 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.140 | 2762961    | 21.298 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.037 | 2777585    | 20.920 ug/ml |
| -----                          |        |            |              |

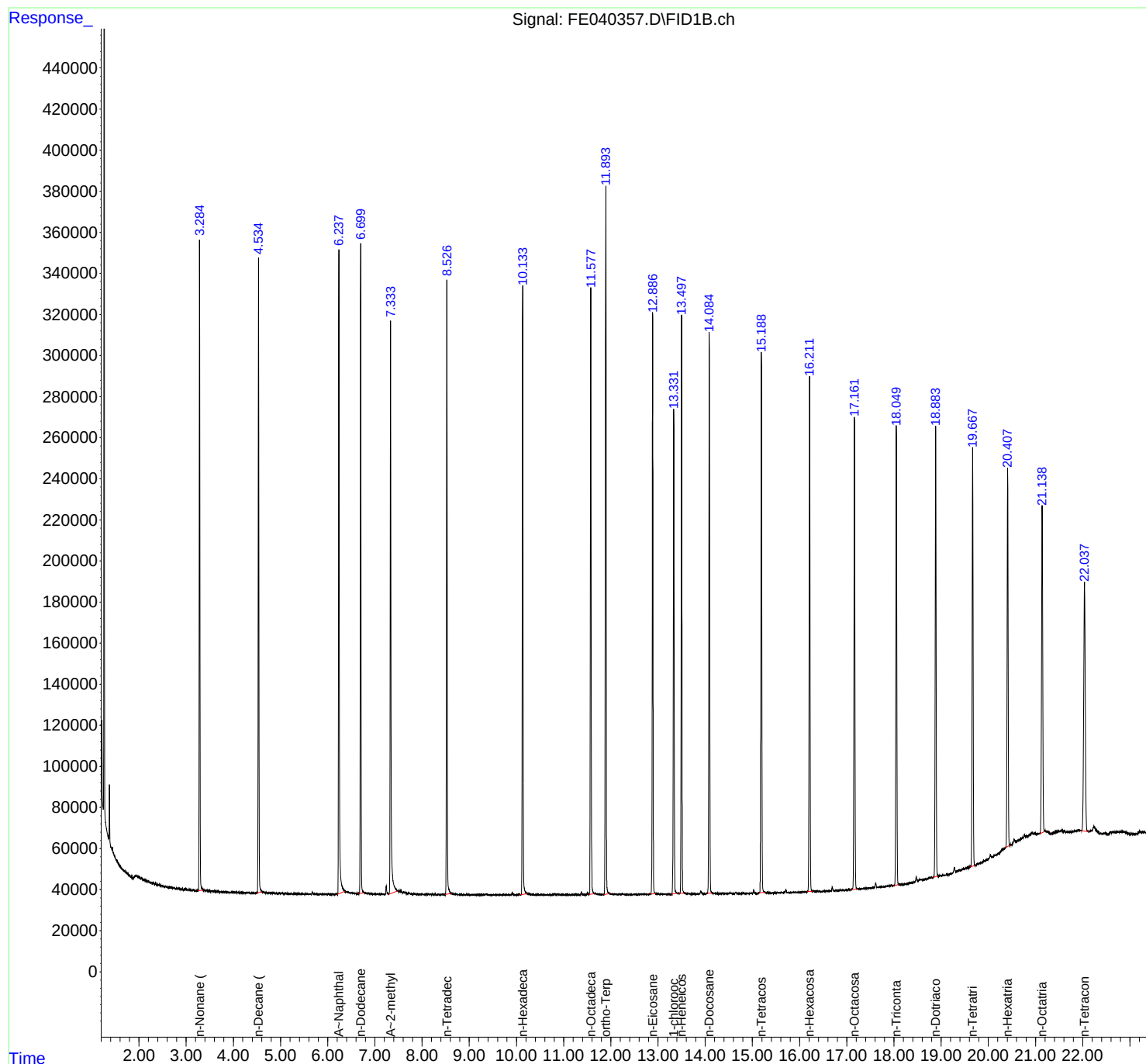
(f)=RT Delta > 1/2 Window

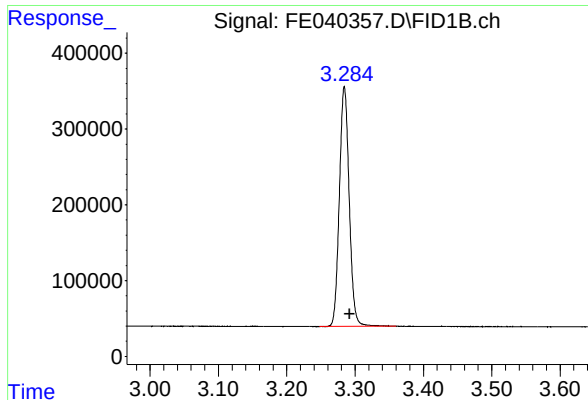
(m)=manual int.

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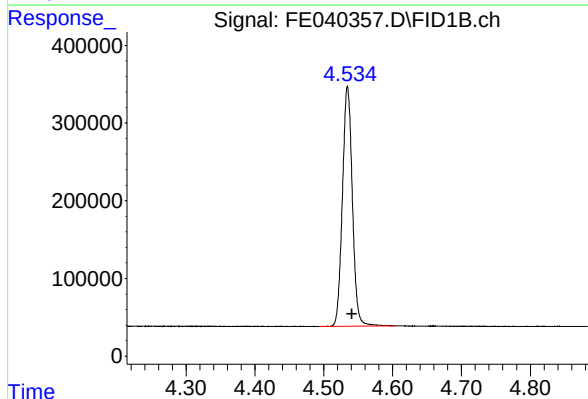
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





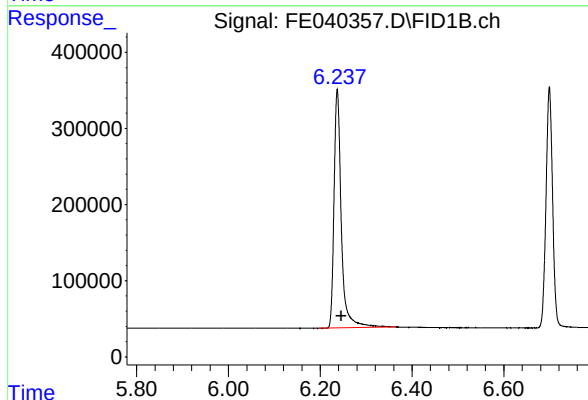
#1 n-Nonane (C9)

R.T.: 3.284 min  
Delta R.T.: -0.008 min  
Response: 3164100  
Conc: 23.25 ug/ml



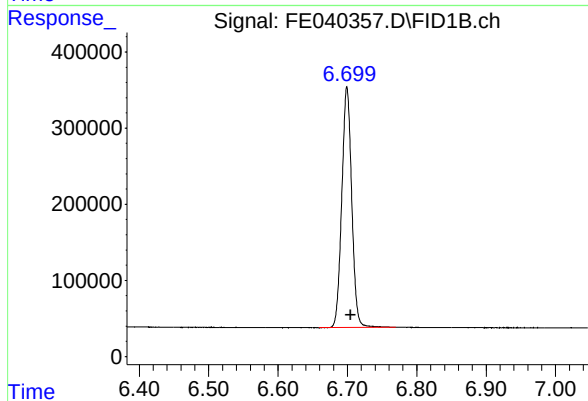
#2 n-Decane (C10)

R.T.: 4.535 min  
Delta R.T.: -0.007 min  
Response: 3092846  
Conc: 23.28 ug/ml



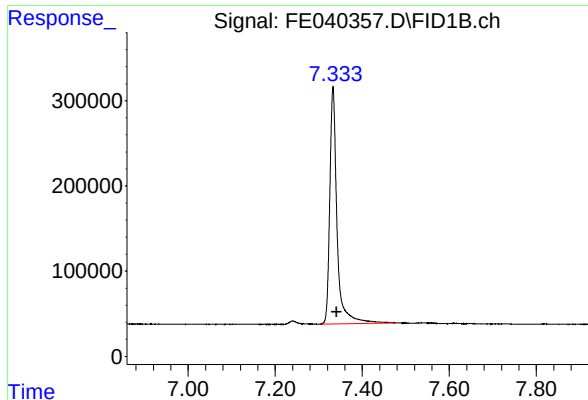
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min  
Delta R.T.: -0.009 min  
Response: 3447697  
Conc: 23.56 ug/ml



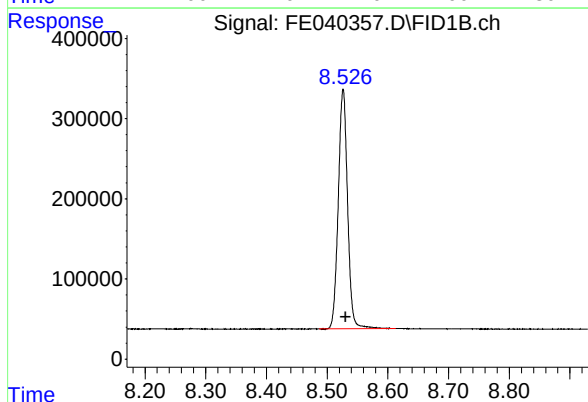
#4 n-Dodecane (C12)

R.T.: 6.699 min  
Delta R.T.: -0.005 min  
Response: 3143786  
Conc: 23.35 ug/ml



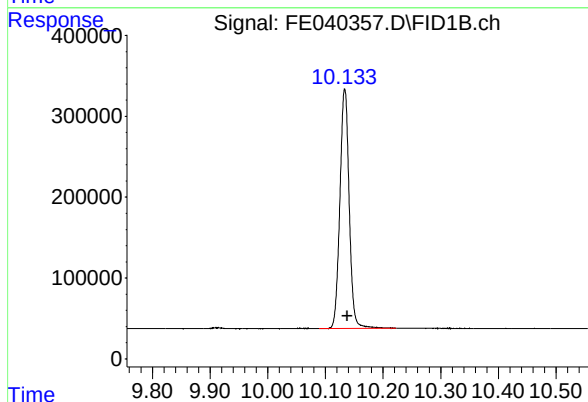
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.333 min  
Delta R.T.: -0.008 min  
Response: 3227919  
Conc: 23.85 ug/ml



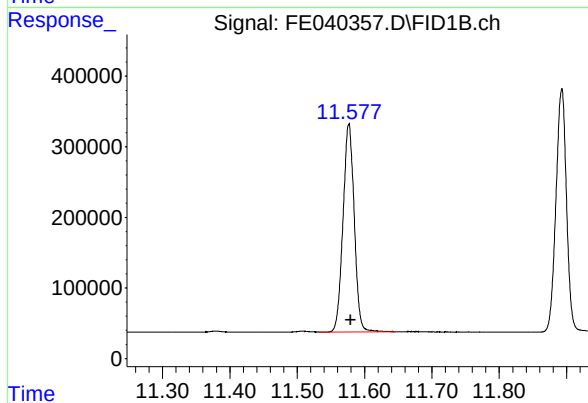
#6 n-Tetradecane (C14)

R.T.: 8.526 min  
Delta R.T.: -0.004 min  
Response: 3190459  
Conc: 23.15 ug/ml



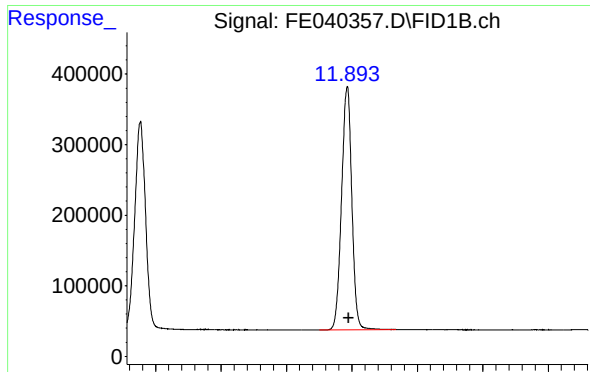
#7 n-Hexadecane (C16)

R.T.: 10.134 min  
Delta R.T.: -0.004 min  
Response: 3313042  
Conc: 23.08 ug/ml



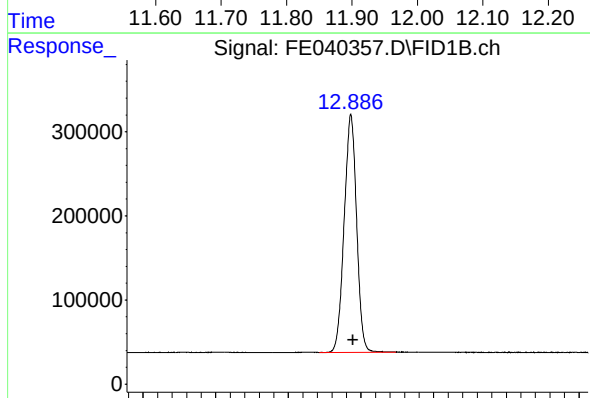
#8 n-Octadecane (C18)

R.T.: 11.577 min  
Delta R.T.: -0.003 min  
Response: 3414559  
Conc: 22.95 ug/ml



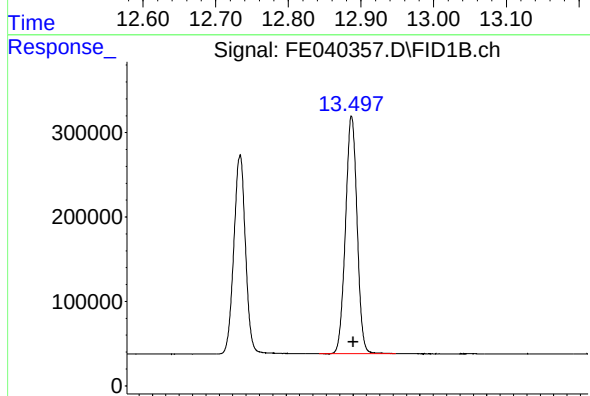
#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min  
Delta R.T.: -0.002 min  
Response: 3753715  
Conc: 23.19 ug/ml



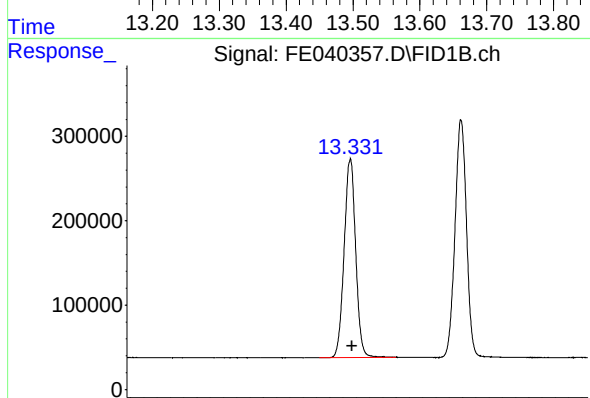
#10 n-Eicosane (C20)

R.T.: 12.886 min  
Delta R.T.: -0.003 min  
Response: 3360756  
Conc: 22.86 ug/ml



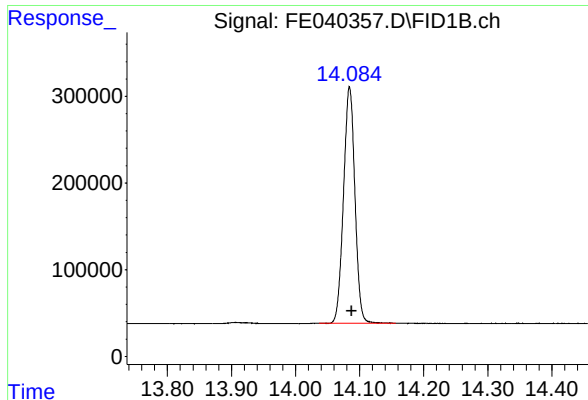
#11 n-Heneicosane (C21)

R.T.: 13.498 min  
Delta R.T.: -0.003 min  
Response: 3380003  
Conc: 22.92 ug/ml



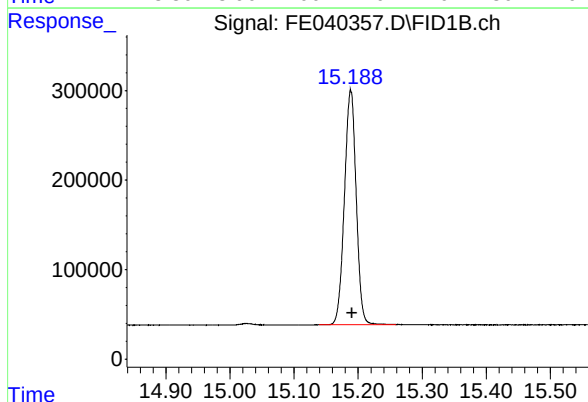
#12 1-chlorooctadecane (SURR)

R.T.: 13.331 min  
Delta R.T.: -0.002 min  
Response: 2842035  
Conc: 22.92 ug/ml



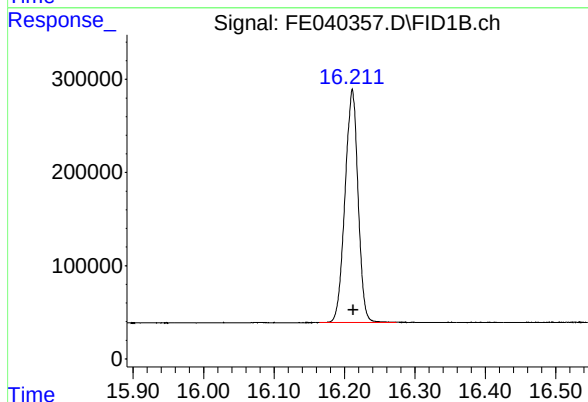
#13 n-Docosane (C22)

R.T.: 14.084 min  
Delta R.T.: -0.003 min  
Response: 3346671  
Conc: 22.59 ug/ml



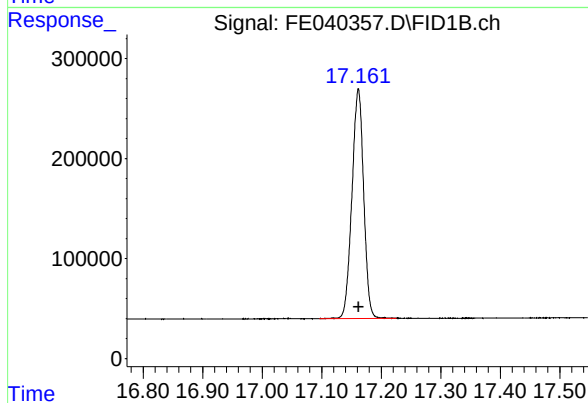
#14 n-Tetracosane (C24)

R.T.: 15.189 min  
Delta R.T.: -0.002 min  
Response: 3323437  
Conc: 21.89 ug/ml



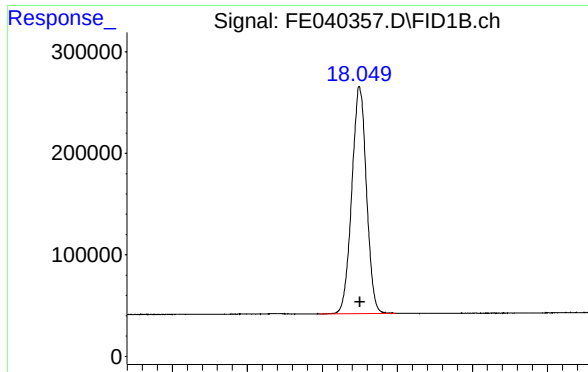
#15 n-Hexacosane (C26)

R.T.: 16.211 min  
Delta R.T.: -0.001 min  
Response: 3224877  
Conc: 21.75 ug/ml



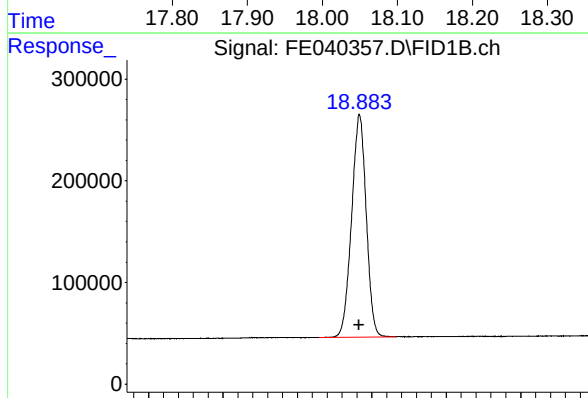
#16 n-Octacosane (C28)

R.T.: 17.162 min  
Delta R.T.: 0.000 min  
Response: 3140533  
Conc: 20.96 ug/ml



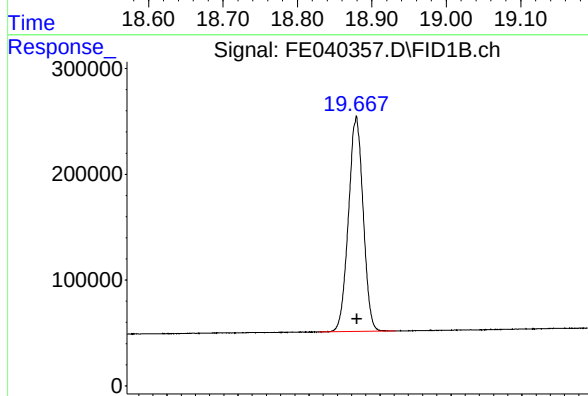
#17 n-Tricontane (C30)

R.T.: 18.050 min  
Delta R.T.: 0.000 min  
Response: 3034252  
Conc: 20.56 ug/ml



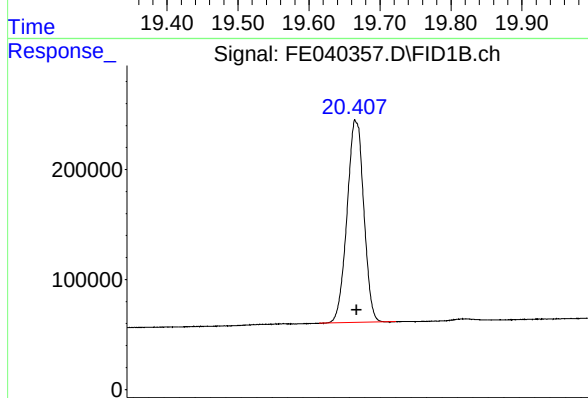
#18 n-Dotriacontane (C32)

R.T.: 18.884 min  
Delta R.T.: 0.000 min  
Response: 2988428  
Conc: 20.40 ug/ml



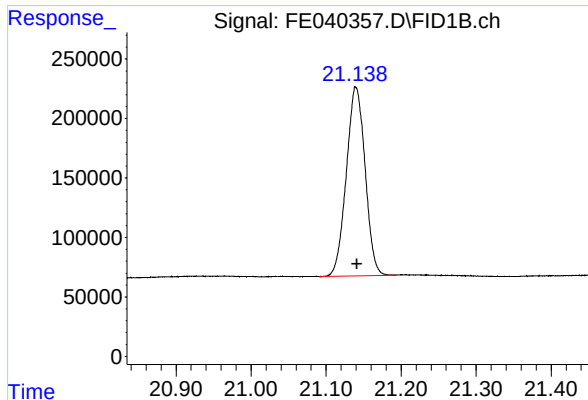
#19 n-Tetatriacontane (C34)

R.T.: 19.667 min  
Delta R.T.: 0.000 min  
Response: 2918725  
Conc: 21.22 ug/ml



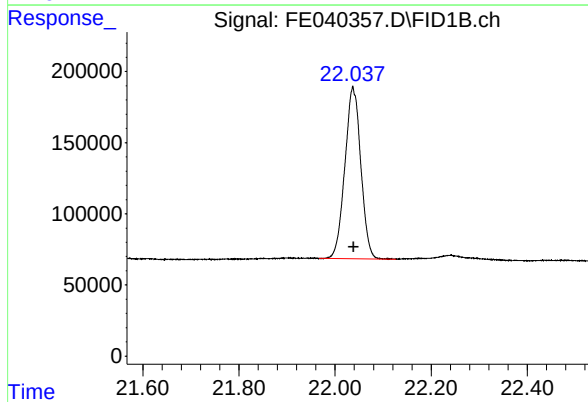
#20 n-Hexatriacontane (C36)

R.T.: 20.408 min  
Delta R.T.: -0.001 min  
Response: 2775524  
Conc: 20.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.140 min  
Delta R.T.: -0.001 min  
Response: 2762961  
Conc: 21.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.037 min  
Delta R.T.: -0.002 min  
Response: 2777585  
Conc: 20.92 ug/ml