

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF022723AL\  
 Data File : FF012240.D  
 Signal(s) : FID2B.ch  
 Acq On : 27 Feb 2023 21:15  
 Operator : YP\AJ  
 Sample : 01627-01  
 Misc : 4 PPM SOIL LOD  
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 28 05:06:26 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 022723.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 28 04:05:36 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 12.384 | 5782076    | 47.293 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 94.59%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.798  | 269495     | 2.040 ug/ml  |
| 2) T n-Decane (C10)            | 3.810  | 325910     | 2.507 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.798  | 412114     | 3.116 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.590  | 398640     | 2.967 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.187  | 438239     | 3.131 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.626 | 498023     | 3.447 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.934 | 518428     | 3.614 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.546 | 485643     | 3.366 ug/ml  |
| 13) T n-Docosane (C22)         | 13.131 | 549130     | 3.761 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.233 | 651956     | 4.338 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.253 | 660302     | 4.428 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.202 | 695997     | 4.692 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.088 | 777215     | 5.396 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.920 | 773532     | 5.594 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.703 | 594997     | 4.767 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.442 | 521394     | 4.460 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.177 | 418230     | 3.814 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.090 | 411873     | 3.767 ug/ml  |
| -----                          |        |            |              |

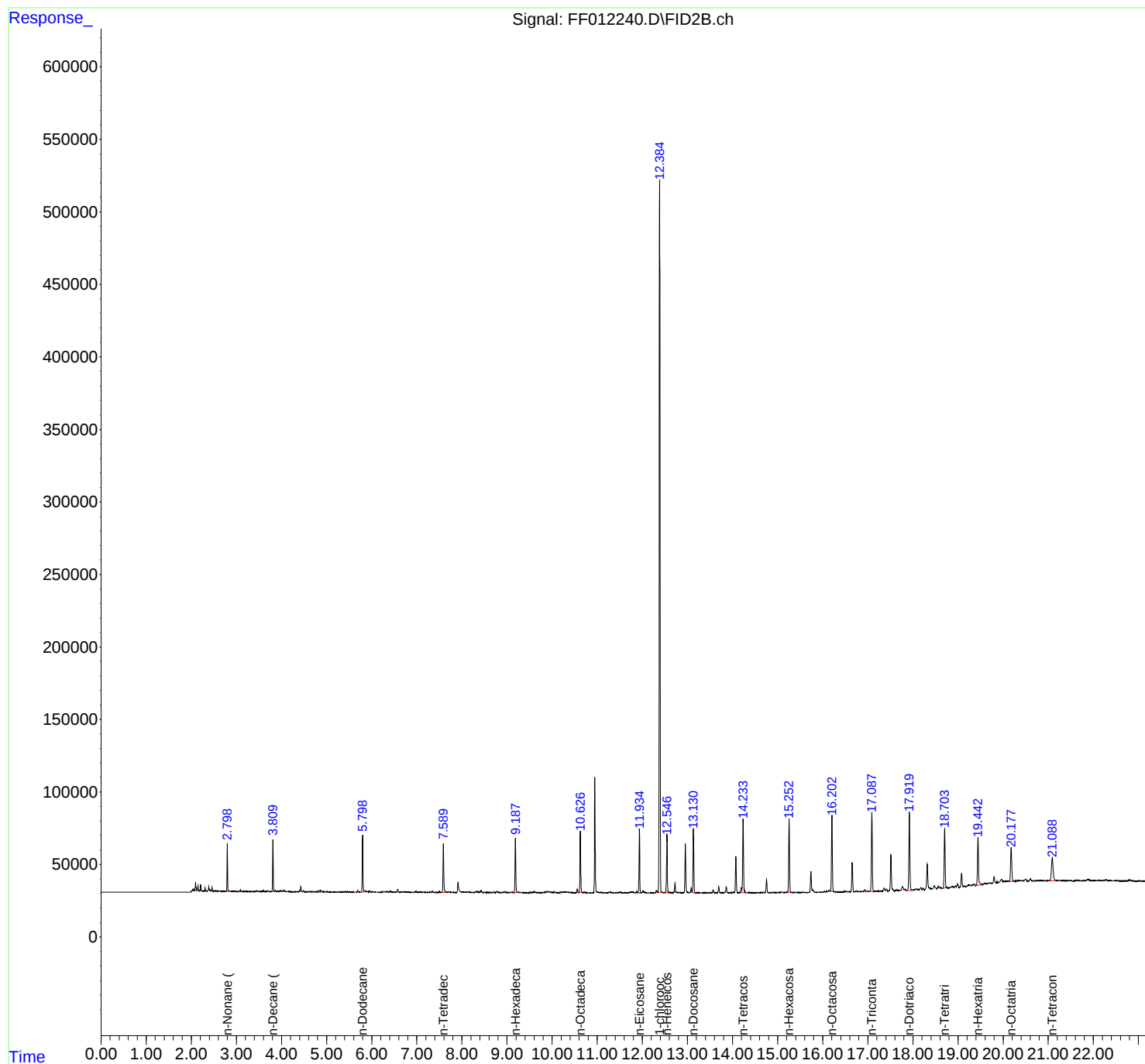
(f)=RT Delta > 1/2 Window

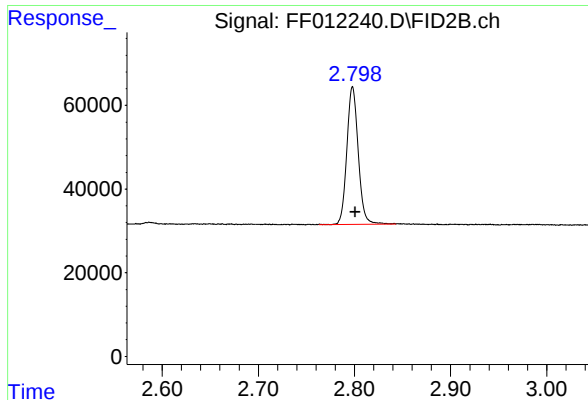
(m)=manual int.

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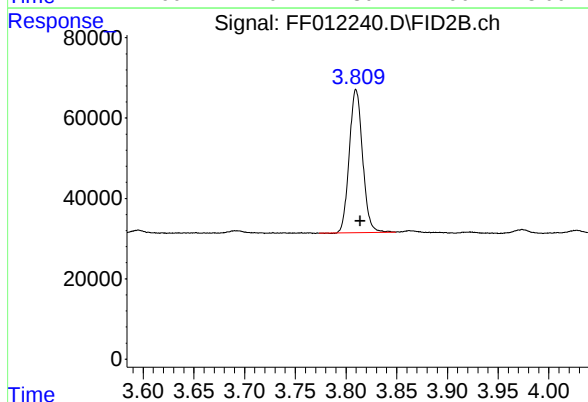
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





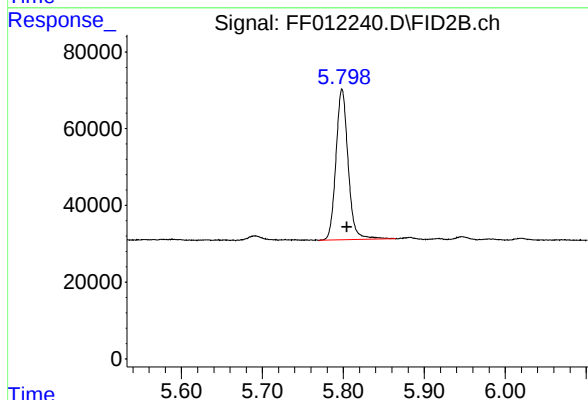
#1 n-Nonane (C9)

R.T.: 2.798 min  
Delta R.T.: -0.003 min  
Response: 269495  
Conc: 2.04 ug/ml



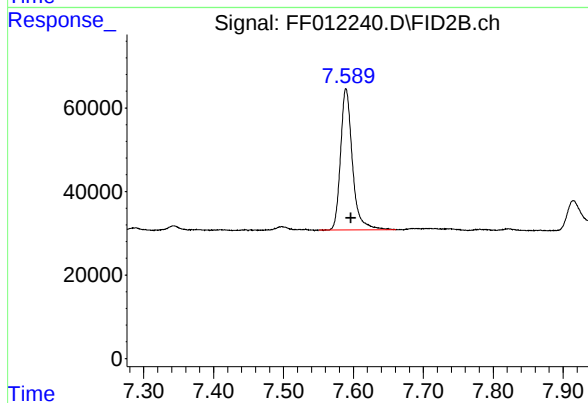
#2 n-Decane (C10)

R.T.: 3.810 min  
Delta R.T.: -0.004 min  
Response: 325910  
Conc: 2.51 ug/ml



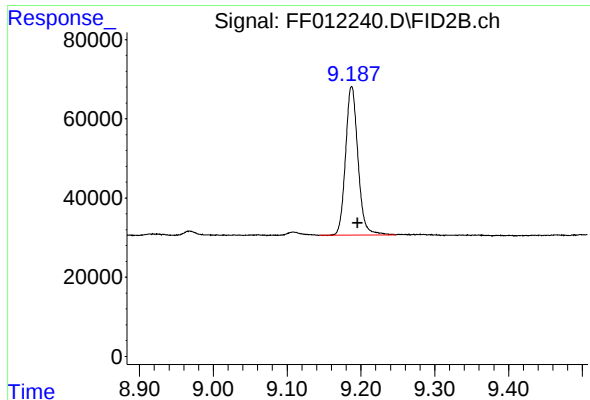
#4 n-Dodecane (C12)

R.T.: 5.798 min  
Delta R.T.: -0.006 min  
Response: 412114  
Conc: 3.12 ug/ml



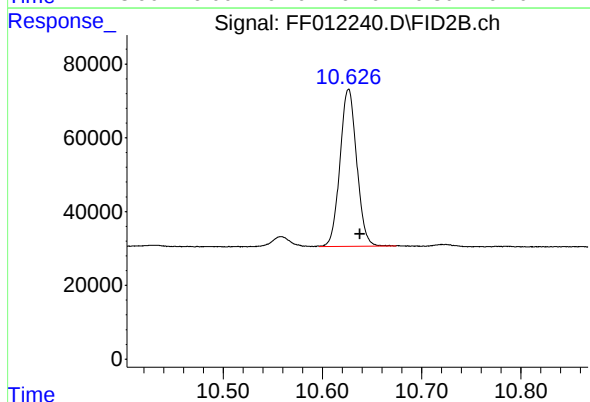
#6 n-Tetradecane (C14)

R.T.: 7.590 min  
Delta R.T.: -0.007 min  
Response: 398640  
Conc: 2.97 ug/ml



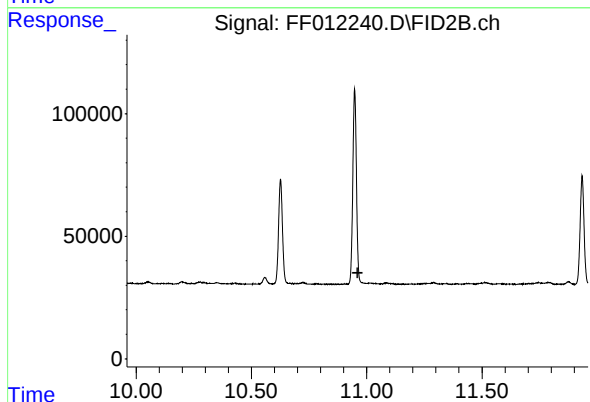
#7 n-Hexadecane (C16)

R.T.: 9.187 min  
Delta R.T.: -0.008 min  
Response: 438239  
Conc: 3.13 ug/ml



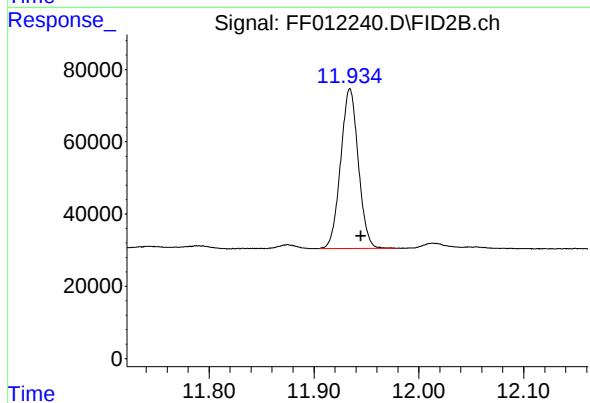
#8 n-Octadecane (C18)

R.T.: 10.626 min  
Delta R.T.: -0.012 min  
Response: 498023  
Conc: 3.45 ug/ml



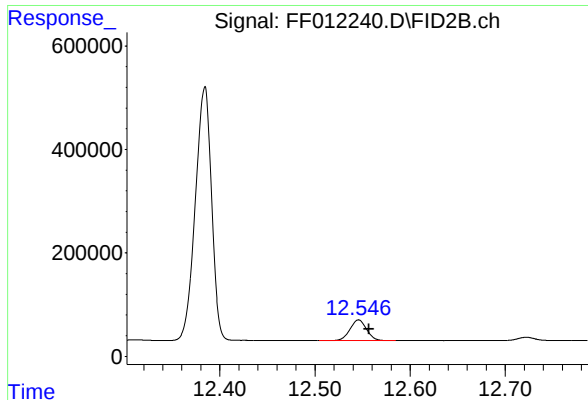
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T.: 10.960 min  
Response: 0  
Conc: N.D.



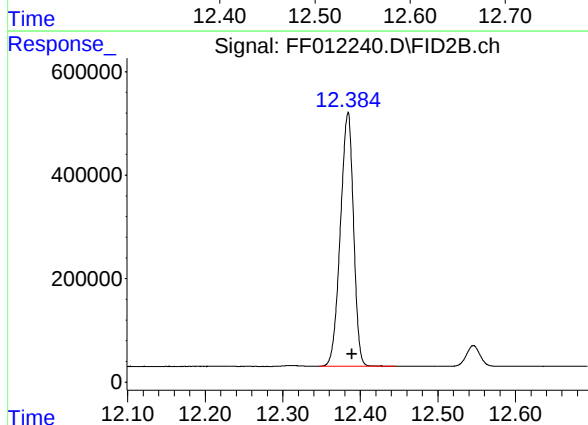
#10 n-Eicosane (C20)

R.T.: 11.934 min  
Delta R.T.: -0.010 min  
Response: 518428  
Conc: 3.61 ug/ml



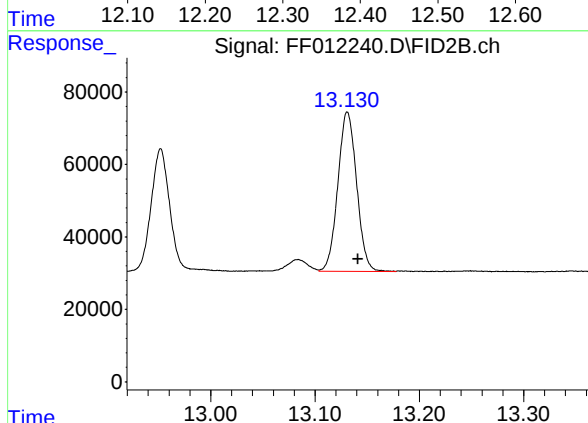
#11 n-Heneicosane (C21)

R.T.: 12.546 min  
Delta R.T.: -0.011 min  
Response: 485643  
Conc: 3.37 ug/ml



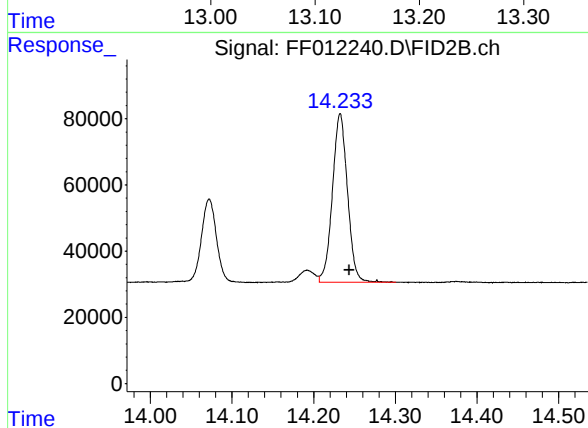
#12 1-chlorooctadecane (SURR)

R.T.: 12.384 min  
Delta R.T.: -0.005 min  
Response: 5782076  
Conc: 47.29 ug/ml



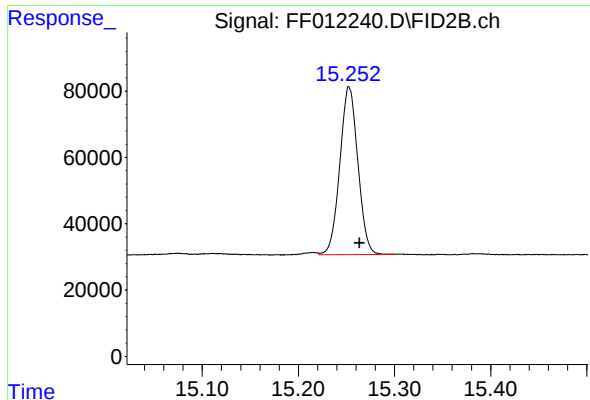
#13 n-Docosane (C22)

R.T.: 13.131 min  
Delta R.T.: -0.010 min  
Response: 549130  
Conc: 3.76 ug/ml



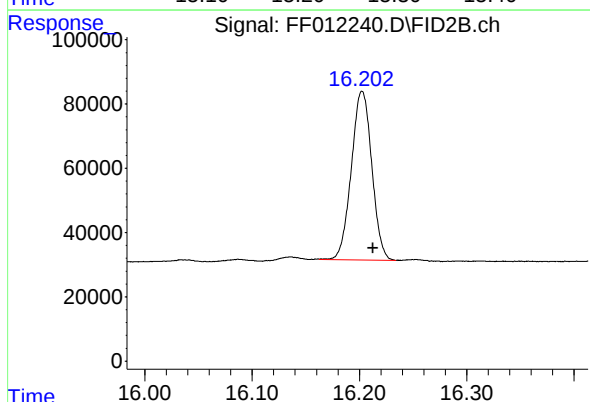
#14 n-Tetracosane (C24)

R.T.: 14.233 min  
Delta R.T.: -0.011 min  
Response: 651956  
Conc: 4.34 ug/ml



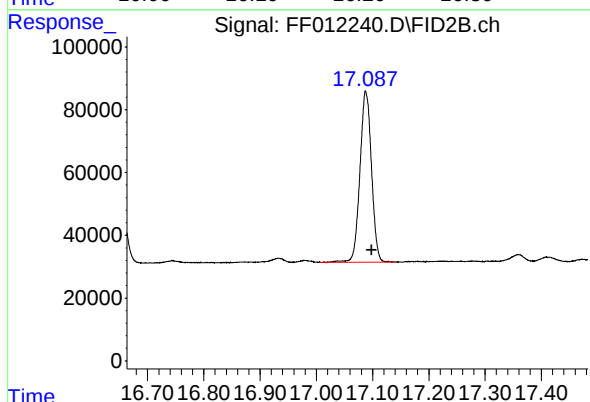
#15 n-Hexacosane (C26)

R.T.: 15.253 min  
Delta R.T.: -0.011 min  
Response: 660302  
Conc: 4.43 ug/ml



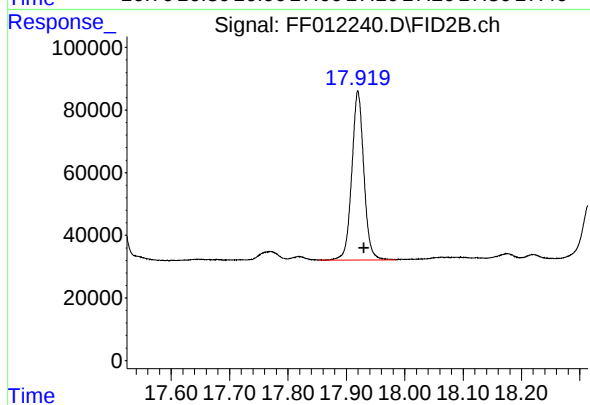
#16 n-Octacosane (C28)

R.T.: 16.202 min  
Delta R.T.: -0.010 min  
Response: 695997  
Conc: 4.69 ug/ml



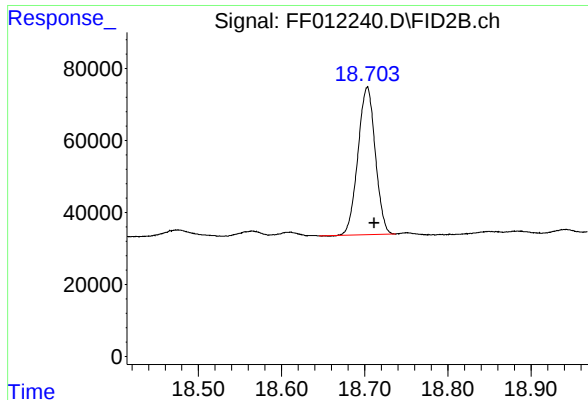
#17 n-Tricontane (C30)

R.T.: 17.088 min  
Delta R.T.: -0.011 min  
Response: 777215  
Conc: 5.40 ug/ml



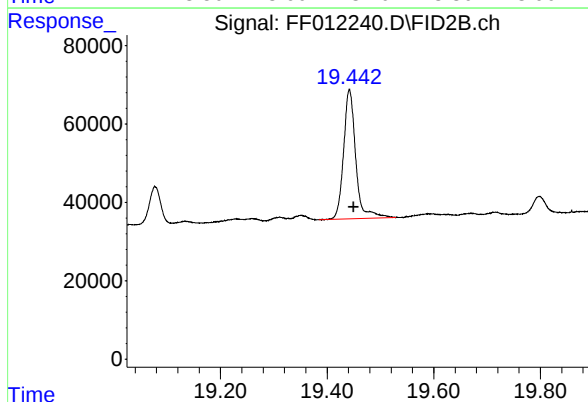
#18 n-Dotriacontane (C32)

R.T.: 17.920 min  
Delta R.T.: -0.010 min  
Response: 773532  
Conc: 5.59 ug/ml



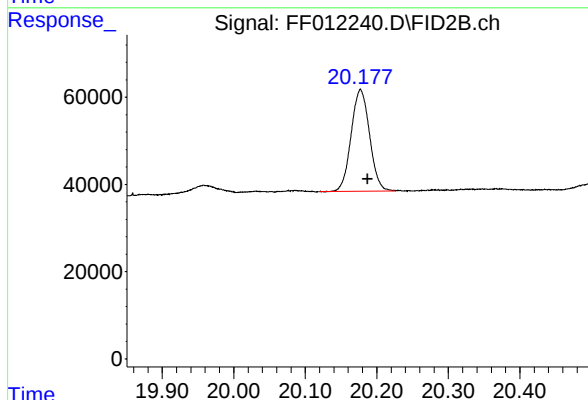
#19 n-Tetratriacontane (C34)

R.T.: 18.703 min  
Delta R.T.: -0.008 min  
Response: 594997  
Conc: 4.77 ug/ml



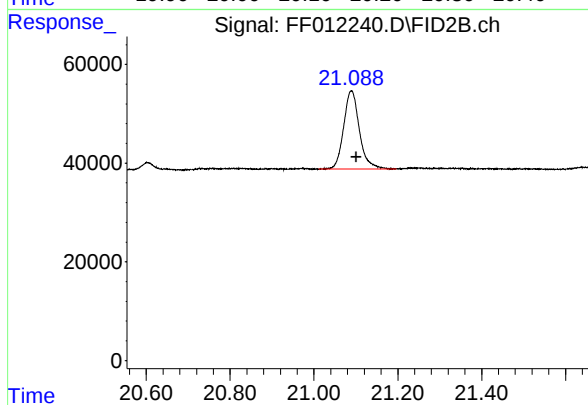
#20 n-Hexatriacontane (C36)

R.T.: 19.442 min  
Delta R.T.: -0.008 min  
Response: 521394  
Conc: 4.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.177 min  
Delta R.T.: -0.010 min  
Response: 418230  
Conc: 3.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.090 min  
Delta R.T.: -0.011 min  
Response: 411873  
Conc: 3.77 ug/ml