

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120523AL\  
 Data File : FE045655.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Dec 2023 15:08  
 Operator : YP\AJ  
 Sample : 05617-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 05 15:34:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 113023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 30 12:25:07 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)    | 11.861 | 7787541    | 37.240 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 74.48%        |
| 12) S 1-chlorooctadecane (S... | 13.300 | 26073729   | 165.710 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 331.42%       |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 4) T n-Dodecane (C12)          | 6.663  | 312583     | 1.935 ug/ml   |
| 5) T A~2-methylnaphthalene...  | 7.296  | 176540     | 1.040 ug/ml   |
| 6) T n-Tetradecane (C14)       | 8.489  | 543462     | 3.388 ug/ml   |
| 7) T n-Hexadecane (C16)        | 10.100 | 563711     | 3.404 ug/ml   |
| 8) T n-Octadecane (C18)        | 11.545 | 477981     | 2.788 ug/ml   |
| 10) T n-Eicosane (C20)         | 12.855 | 358010     | 2.069 ug/ml   |
| 11) T n-Heneicosane (C21)      | 13.470 | 249347     | 1.449 ug/ml   |
| 13) T n-Docosane (C22)         | 14.056 | 230682     | 1.338 ug/ml   |
| 14) T n-Tetracosane (C24)      | 15.157 | 266425     | 1.526 ug/ml   |
| 15) T n-Hexacosane (C26)       | 16.185 | 254913     | 1.464 ug/ml   |
| 16) T n-Octacosane (C28)       | 17.139 | 222343     | 1.286 ug/ml   |
| 17) T n-Tricontane (C30)       | 18.023 | 317754     | 1.816 ug/ml   |
| 18) T n-Dotriacontane (C32)    | 18.862 | 272701     | 1.495 ug/ml   |
| 19) T n-Tetratriacontane (C34) | 19.655 | 235743     | 1.421 ug/ml   |
| 20) T n-Hexatriacontane (C36)  | 20.392 | 204150     | 1.286 ug/ml   |
| 21) T n-Octatriacontane (C38)  | 21.132 | 165341     | 1.054 ug/ml   |
| 22) T n-Tetracontane (C40)     | 22.036 | 209548     | 1.474 ug/ml   |
| -----                          |        |            |               |

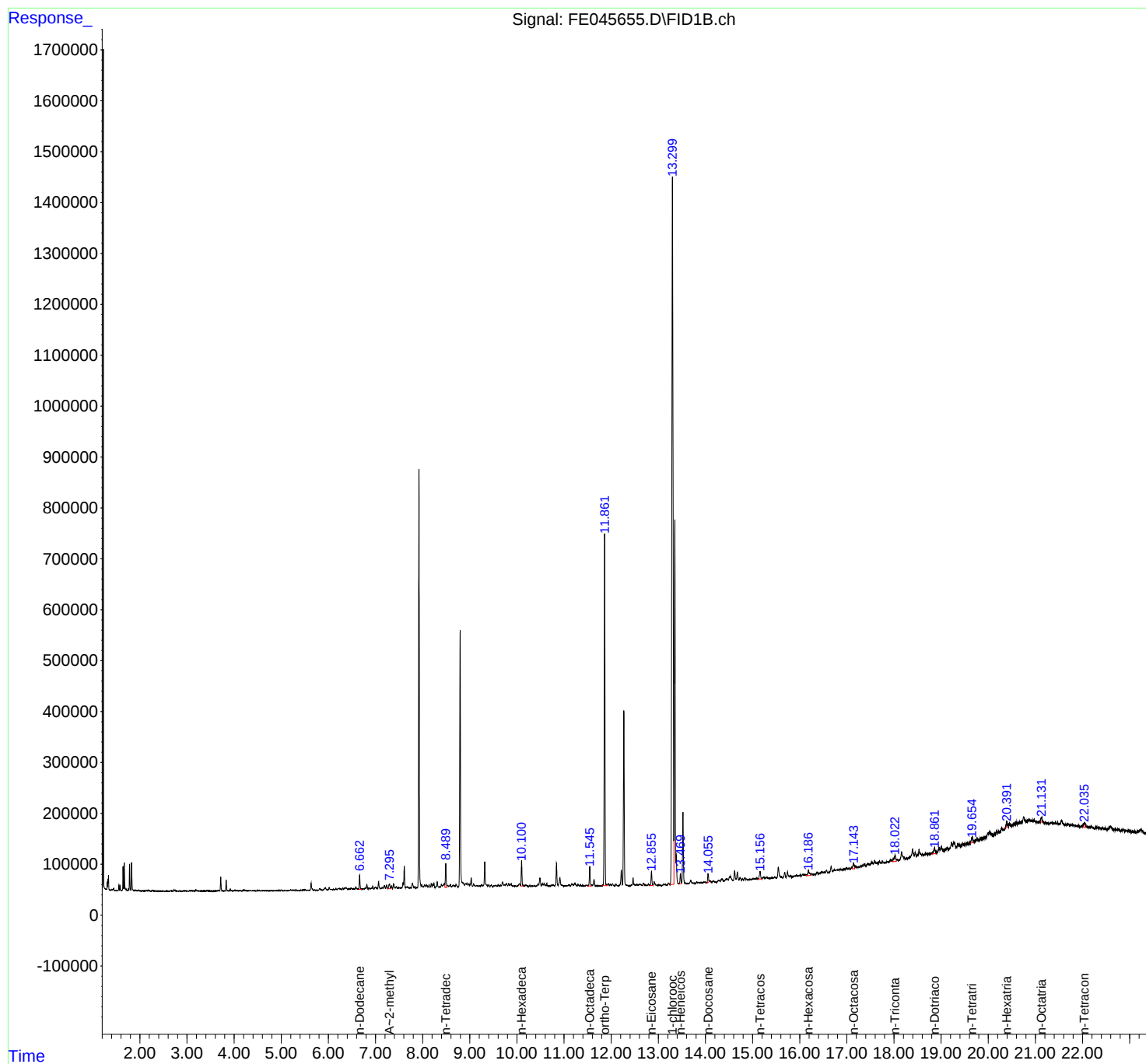
(f)=RT Delta > 1/2 Window

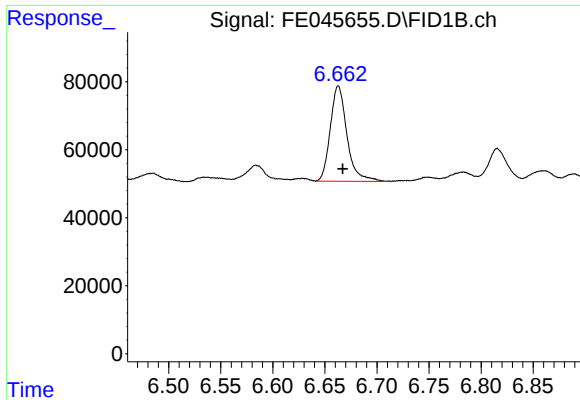
(m)=manual int.

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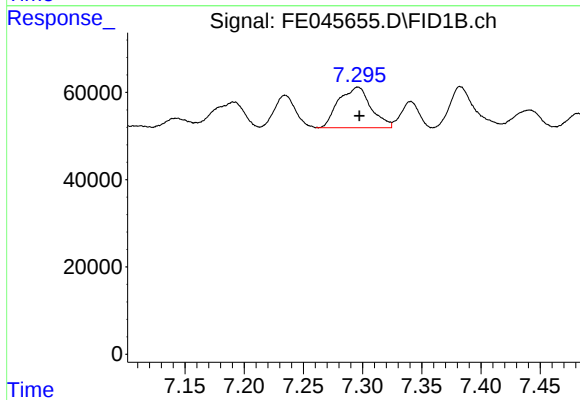
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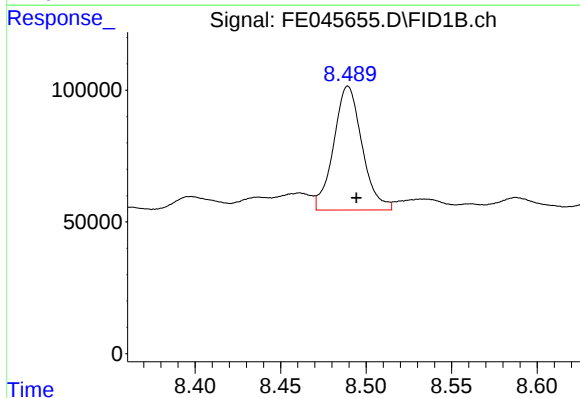
#4 n-Dodecane (C12)

R.T.: 6.663 min  
Delta R.T.: -0.004 min  
Response: 312583  
Conc: 1.94 ug/ml



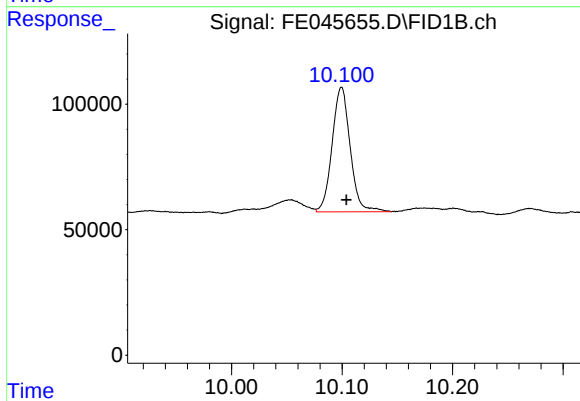
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.296 min  
Delta R.T.: -0.001 min  
Response: 176540  
Conc: 1.04 ug/ml



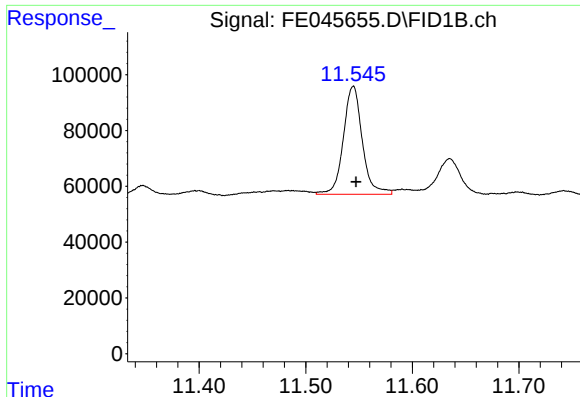
#6 n-Tetradecane (C14)

R.T.: 8.489 min  
Delta R.T.: -0.005 min  
Response: 543462  
Conc: 3.39 ug/ml



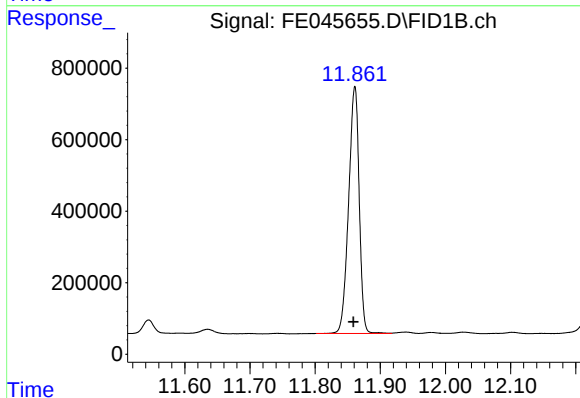
#7 n-Hexadecane (C16)

R.T.: 10.100 min  
Delta R.T.: -0.004 min  
Response: 563711  
Conc: 3.40 ug/ml



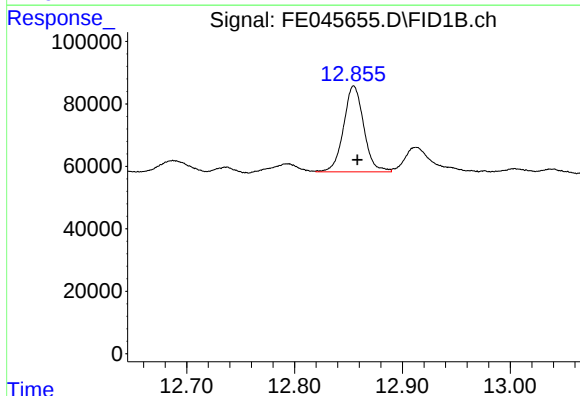
#8 n-Octadecane (C18)

R.T.: 11.545 min  
Delta R.T.: -0.003 min  
Response: 477981  
Conc: 2.79 ug/ml



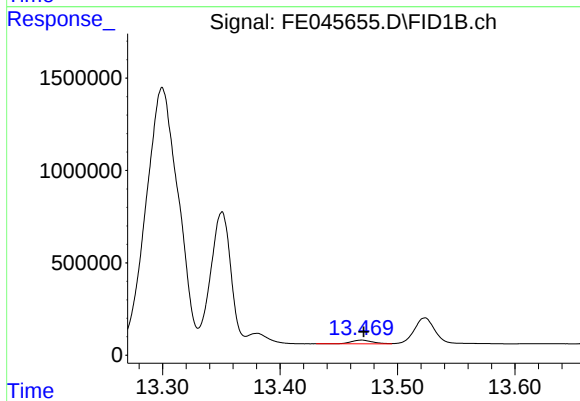
#9 ortho-Terphenyl (SURR)

R.T.: 11.861 min  
Delta R.T.: 0.002 min  
Response: 7787541  
Conc: 37.24 ug/ml



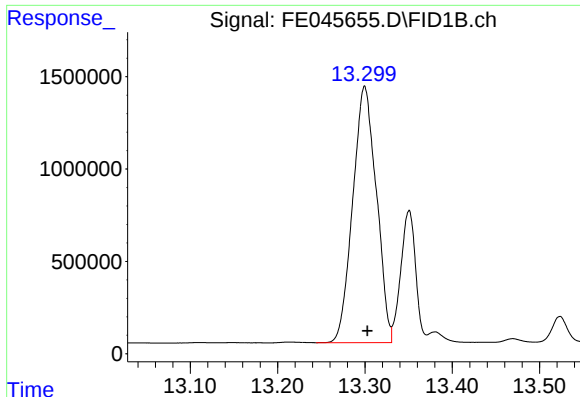
#10 n-Eicosane (C20)

R.T.: 12.855 min  
Delta R.T.: -0.003 min  
Response: 358010  
Conc: 2.07 ug/ml



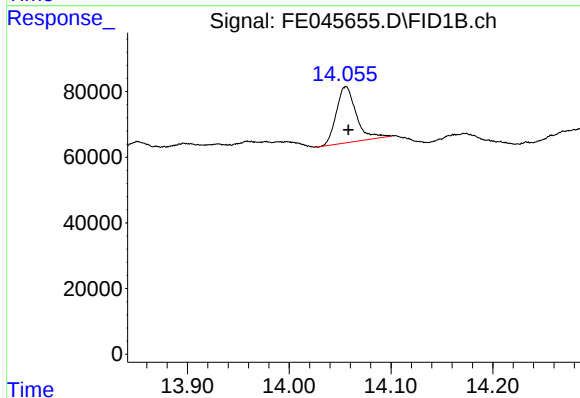
#11 n-Heneicosane (C21)

R.T.: 13.470 min  
Delta R.T.: -0.002 min  
Response: 249347  
Conc: 1.45 ug/ml



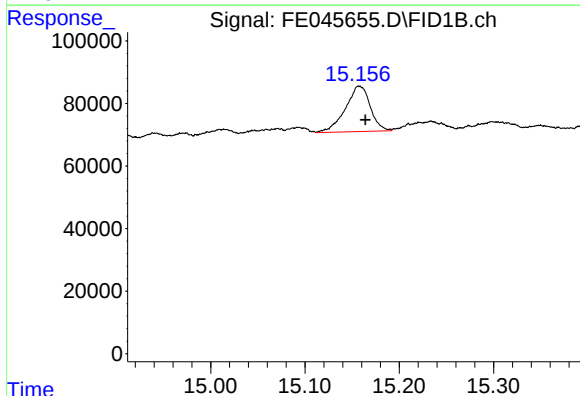
#12 1-chlorooctadecane (SURR)

R.T.: 13.300 min  
Delta R.T.: -0.003 min  
Response: 26073729  
Conc: 165.71 ug/ml



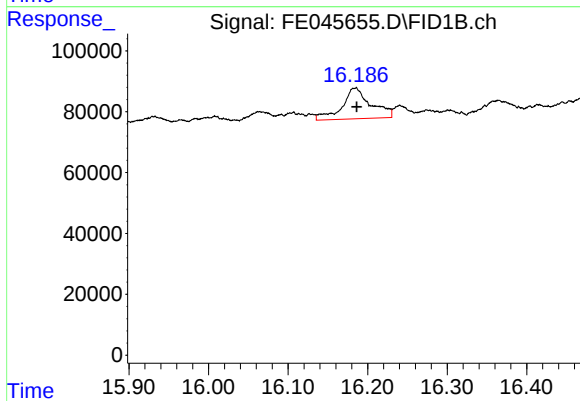
#13 n-Docosane (C22)

R.T.: 14.056 min  
Delta R.T.: -0.003 min  
Response: 230682  
Conc: 1.34 ug/ml



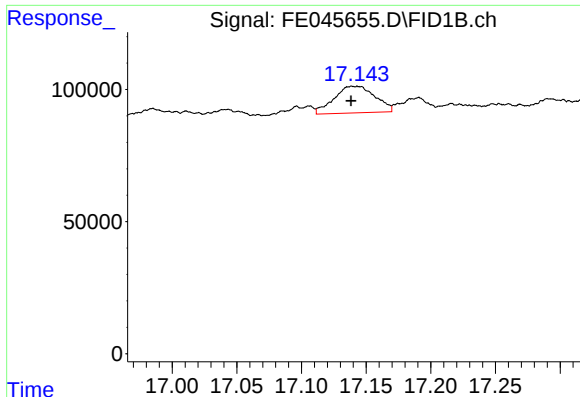
#14 n-Tetracosane (C24)

R.T.: 15.157 min  
Delta R.T.: -0.007 min  
Response: 266425  
Conc: 1.53 ug/ml



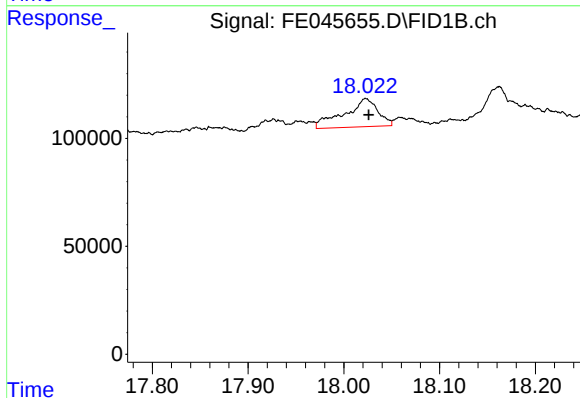
#15 n-Hexacosane (C26)

R.T.: 16.185 min  
Delta R.T.: -0.001 min  
Response: 254913  
Conc: 1.46 ug/ml



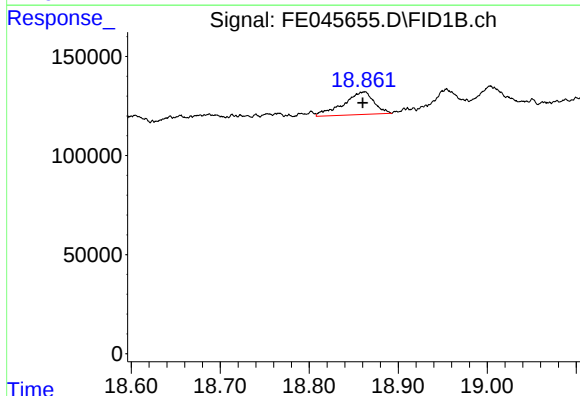
#16 n-Octacosane (C28)

R.T.: 17.139 min  
Delta R.T.: 0.000 min  
Response: 222343  
Conc: 1.29 ug/ml



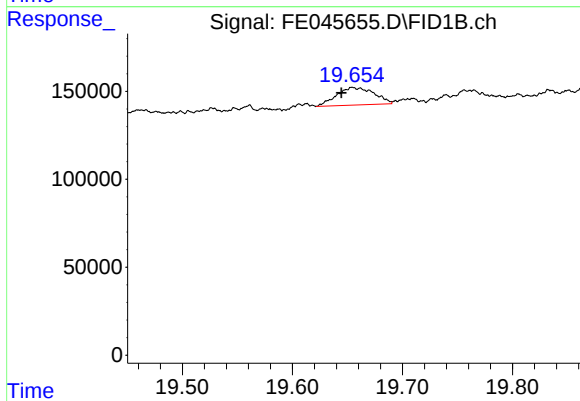
#17 n-Tricontane (C30)

R.T.: 18.023 min  
Delta R.T.: -0.003 min  
Response: 317754  
Conc: 1.82 ug/ml



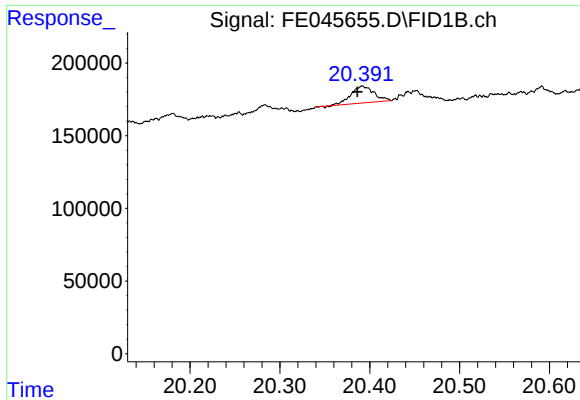
#18 n-Dotriacontane (C32)

R.T.: 18.862 min  
Delta R.T.: 0.002 min  
Response: 272701  
Conc: 1.49 ug/ml



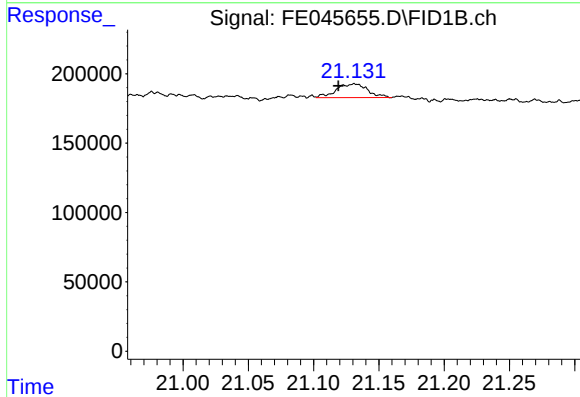
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min  
Delta R.T.: 0.010 min  
Response: 235743  
Conc: 1.42 ug/ml



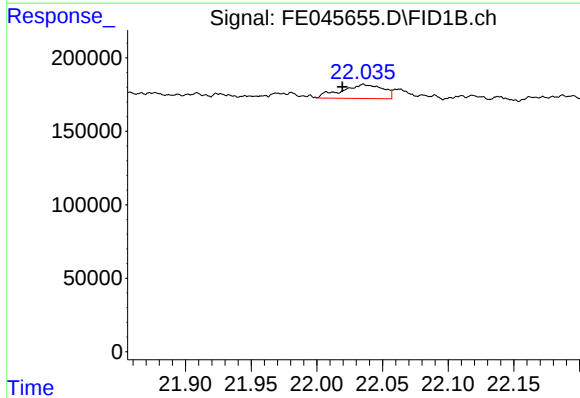
#20 n-Hexatriacontane (C36)

R.T.: 20.392 min  
Delta R.T.: 0.006 min  
Response: 204150  
Conc: 1.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.132 min  
Delta R.T.: 0.013 min  
Response: 165341  
Conc: 1.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.036 min  
Delta R.T.: 0.016 min  
Response: 209548  
Conc: 1.47 ug/ml