

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032724AL\  
 Data File : FE047366.D  
 Signal(s) : FID1B.ch  
 Acq On : 27 Mar 2024 23:16  
 Operator : YP\AJ  
 Sample : P1876-02  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 28 02:57:11 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032324.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Mar 23 01:31:33 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)    | 11.984 | 6174213    | 39.426 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 78.85%       |
| 12) S 1-chlorooctadecane (S... | 13.417 | 5125516    | 42.262 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 84.52%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 3) T A~Naphthalene (C11.7)     | 6.324  | 203716     | 1.313 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.782  | 290485     | 1.942 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.420  | 370105     | 2.473 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.611  | 1140243    | 7.731 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.218 | 1645445    | 10.871 ug/ml |
| 8) T n-Octadecane (C18)        | 11.660 | 1191562    | 7.843 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.969 | 949535     | 6.526 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.580 | 633189     | 4.430 ug/ml  |
| 13) T n-Docosane (C22)         | 14.166 | 514115     | 3.622 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.266 | 211904     | 1.503 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.287 | 199599     | 1.435 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.238 | 286223     | 2.095 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.123 | 318879     | 2.297 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.954 | 242292     | 1.757 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.729 | 188691     | 1.377 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.474 | 100246     | 0.734 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.214 | 149688     | 1.080 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.142 | 128676     | 0.898 ug/ml  |
| -----                          |        |            |              |

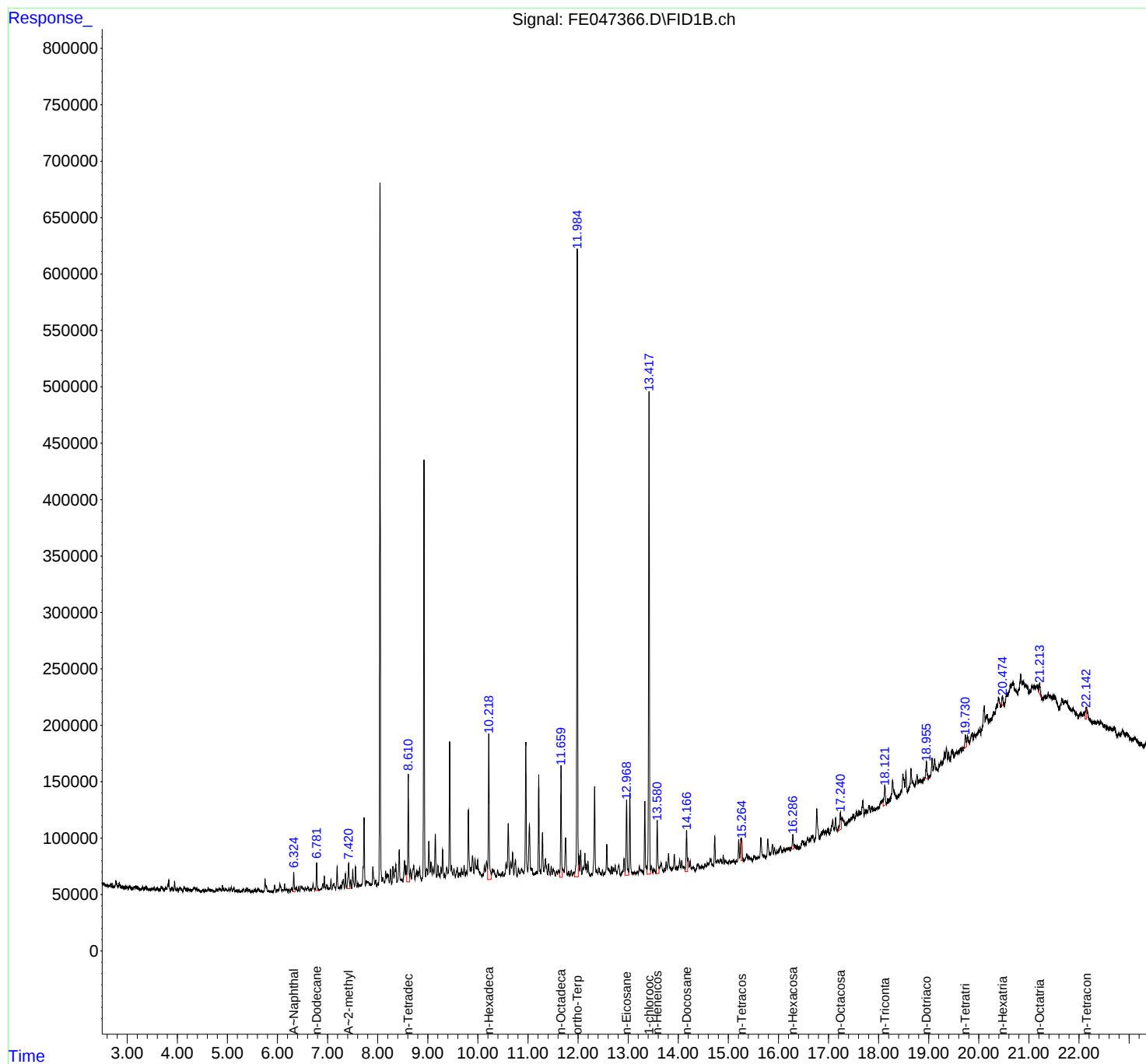
(f)=RT Delta > 1/2 Window

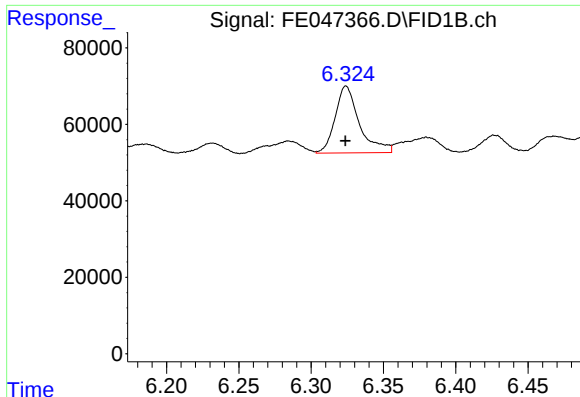
(m)=manual int.

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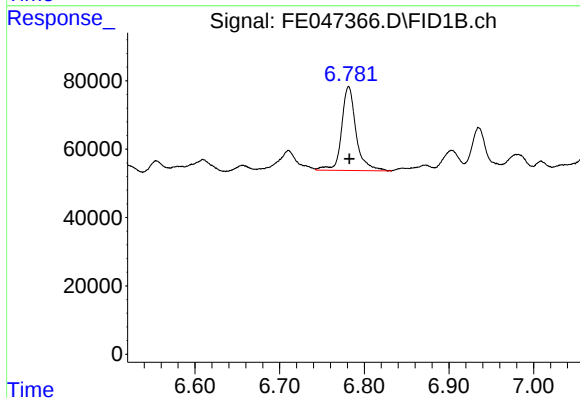
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





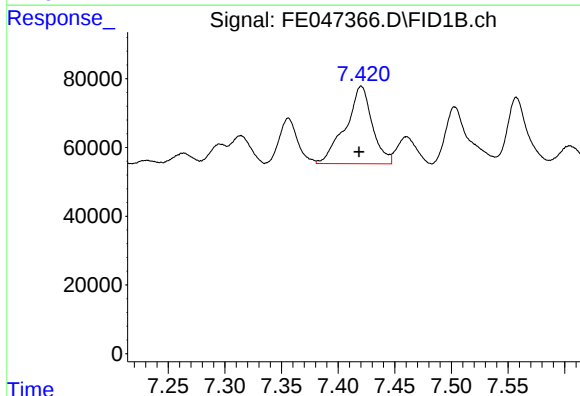
#3 A~Naphthalene (C11.7)

R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 203716  
Conc: 1.31 ug/ml



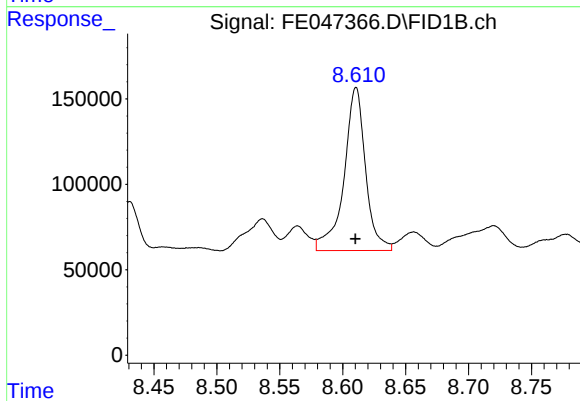
#4 n-Dodecane (C12)

R.T.: 6.782 min  
Delta R.T.: 0.000 min  
Response: 290485  
Conc: 1.94 ug/ml



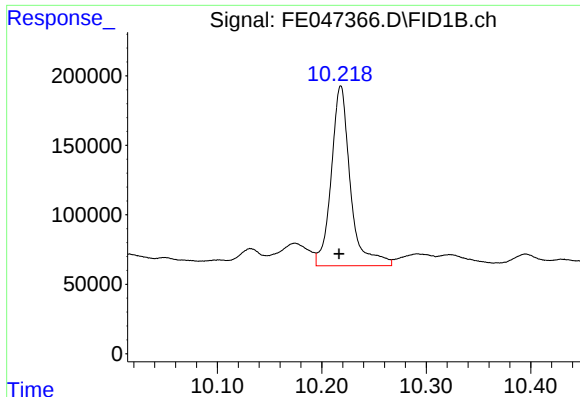
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.420 min  
Delta R.T.: 0.002 min  
Response: 370105  
Conc: 2.47 ug/ml



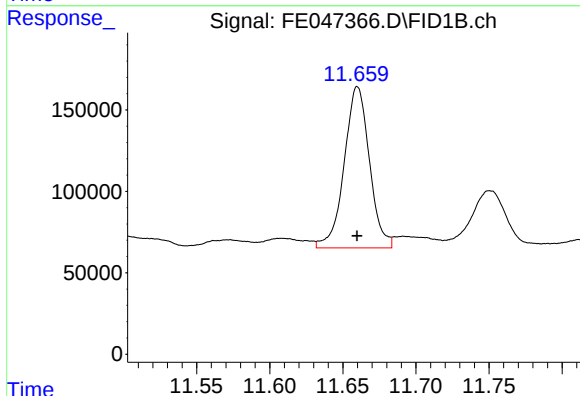
#6 n-Tetradecane (C14)

R.T.: 8.611 min  
Delta R.T.: 0.000 min  
Response: 1140243  
Conc: 7.73 ug/ml



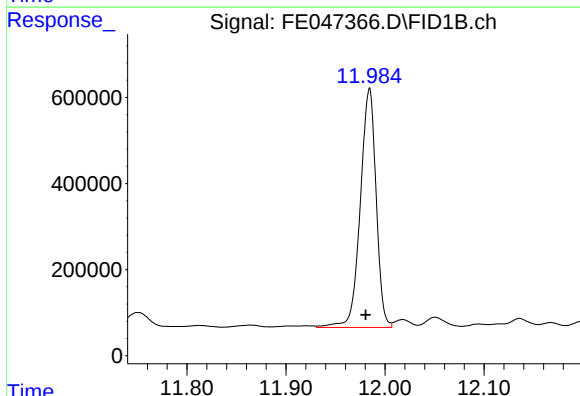
#7 n-Hexadecane (C16)

R.T.: 10.218 min  
Delta R.T.: 0.002 min  
Response: 1645445  
Conc: 10.87 ug/ml



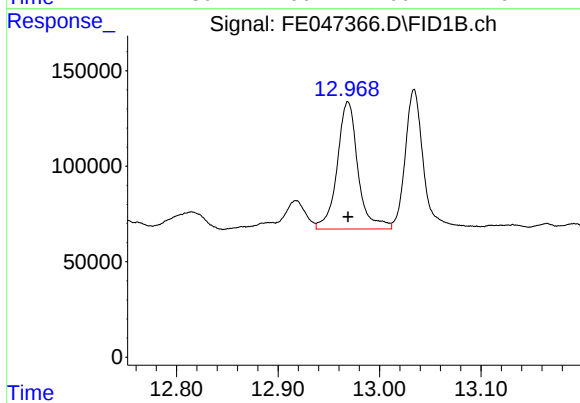
#8 n-Octadecane (C18)

R.T.: 11.660 min  
Delta R.T.: 0.000 min  
Response: 1191562  
Conc: 7.84 ug/ml



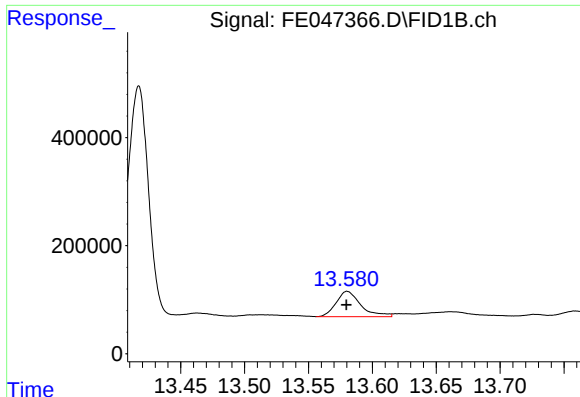
#9 ortho-Terphenyl (SURR)

R.T.: 11.984 min  
Delta R.T.: 0.004 min  
Response: 6174213  
Conc: 39.43 ug/ml



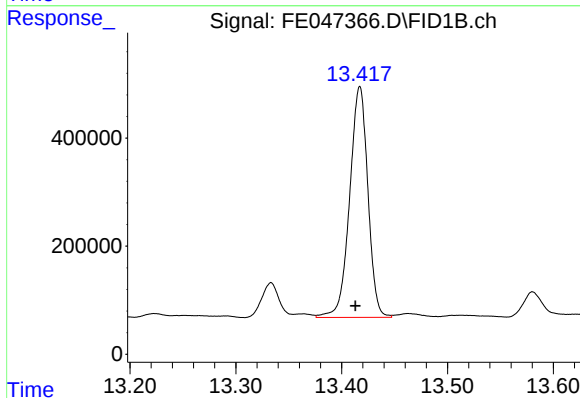
#10 n-Eicosane (C20)

R.T.: 12.969 min  
Delta R.T.: 0.000 min  
Response: 949535  
Conc: 6.53 ug/ml



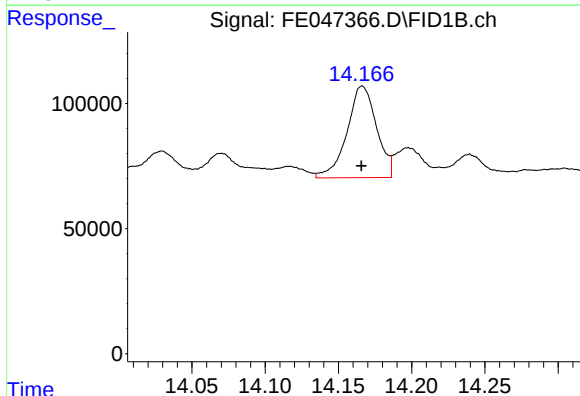
#11 n-Heneicosane (C21)

R.T.: 13.580 min  
Delta R.T.: 0.000 min  
Response: 633189  
Conc: 4.43 ug/ml



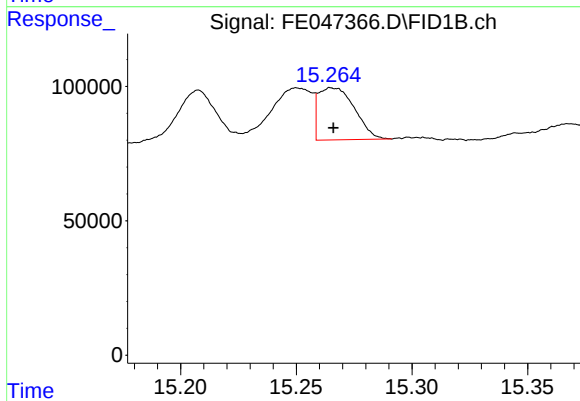
#12 1-chlorooctadecane (SURR)

R.T.: 13.417 min  
Delta R.T.: 0.004 min  
Response: 512516  
Conc: 42.26 ug/ml



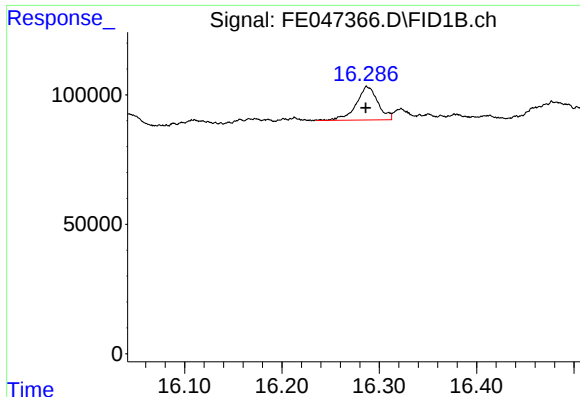
#13 n-Docosane (C22)

R.T.: 14.166 min  
Delta R.T.: 0.000 min  
Response: 514115  
Conc: 3.62 ug/ml



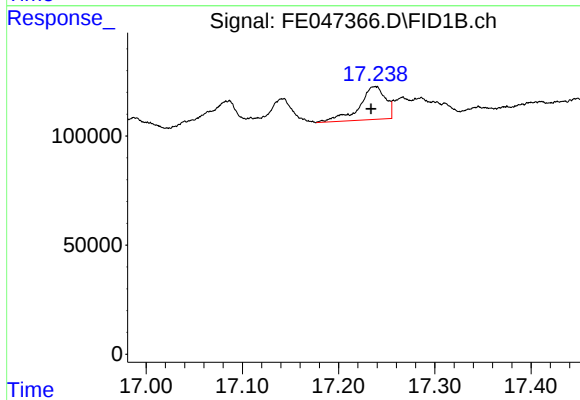
#14 n-Tetracosane (C24)

R.T.: 15.266 min  
Delta R.T.: 0.000 min  
Response: 211904  
Conc: 1.50 ug/ml



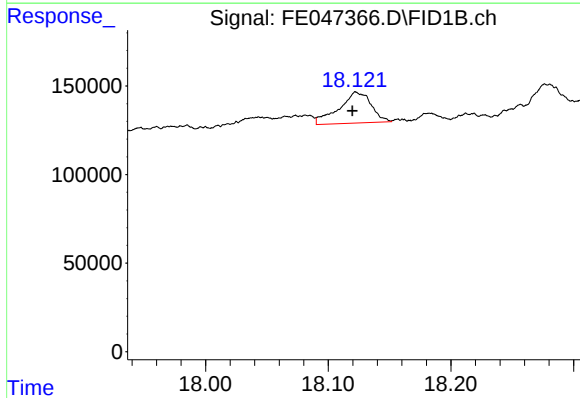
#15 n-Hexacosane (C26)

R.T.: 16.287 min  
Delta R.T.: 0.001 min  
Response: 199599  
Conc: 1.44 ug/ml



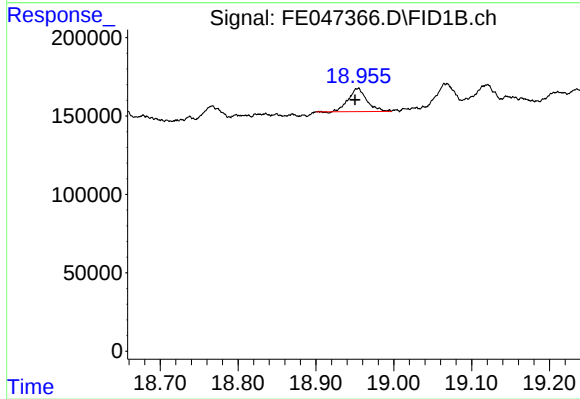
#16 n-Octacosane (C28)

R.T.: 17.238 min  
Delta R.T.: 0.004 min  
Response: 286223  
Conc: 2.09 ug/ml



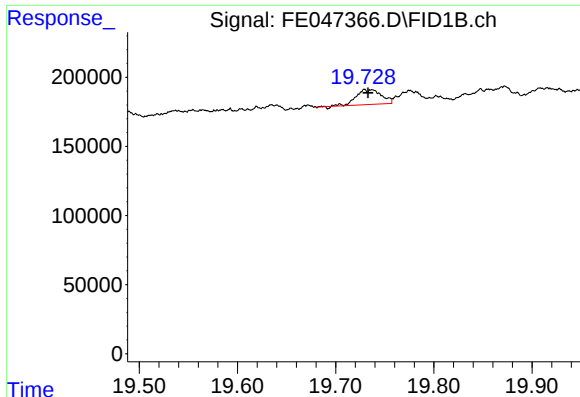
#17 n-Tricontane (C30)

R.T.: 18.123 min  
Delta R.T.: 0.003 min  
Response: 318879  
Conc: 2.30 ug/ml



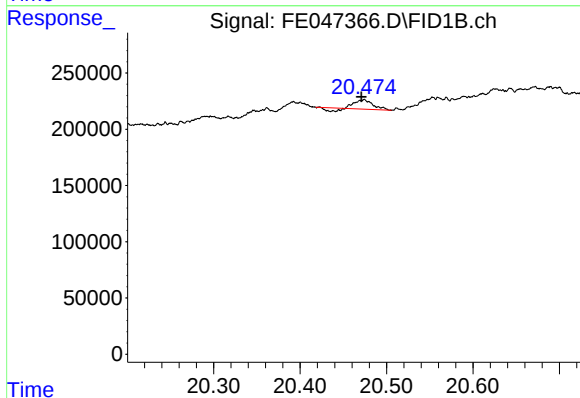
#18 n-Dotriacontane (C32)

R.T.: 18.954 min  
Delta R.T.: 0.004 min  
Response: 242292  
Conc: 1.76 ug/ml



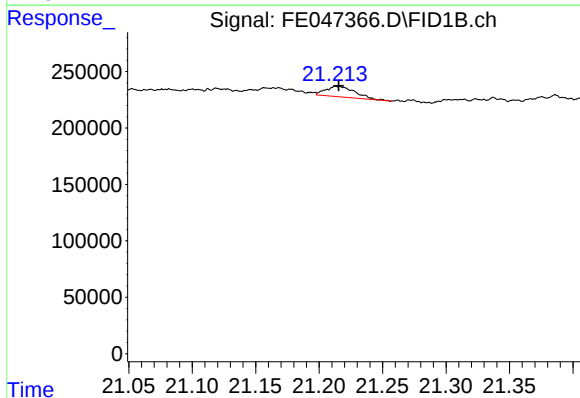
#19 n-Tetratriacontane (C34)

R.T.: 19.729 min  
Delta R.T.: -0.004 min  
Response: 188691  
Conc: 1.38 ug/ml



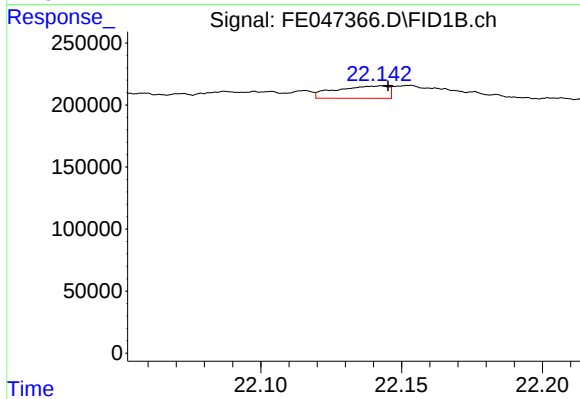
#20 n-Hexatriacontane (C36)

R.T.: 20.474 min  
Delta R.T.: 0.003 min  
Response: 100246  
Conc: 0.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min  
Delta R.T.: -0.002 min  
Response: 149688  
Conc: 1.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.142 min  
Delta R.T.: -0.003 min  
Response: 128676  
Conc: 0.90 ug/ml