

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF091925AL\  
 Data File : FF016405.D  
 Signal(s) : FID2B.ch  
 Acq On : 19 Sep 2025 12:28  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 19 23:52:04 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 082825.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Aug 29 03:35:42 2025  
 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)    | 11.975 | 2971054    | 20.542 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 41.08%        |
| 12) S 1-chlorooctadecane (S... | 13.414 | 2277036    | 20.414 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 40.83%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.329  | 2404704    | 20.568 ug/ml  |
| 2) T n-Decane (C10)            | 4.590  | 2462214    | 20.787 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.301  | 2688738    | 20.587 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.768  | 2491972    | 20.761 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.400  | 2602632    | 20.442 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.601  | 2483838    | 20.613 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.210 | 2573621    | 20.608 ug/mlm |
| 8) T n-Octadecane (C18)        | 11.657 | 2637648    | 20.363 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.969 | 2604318    | 20.367 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.583 | 2585238    | 20.362 ug/ml  |
| 13) T n-Docosane (C22)         | 14.170 | 2582941    | 20.344 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.276 | 2561103    | 20.022 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.301 | 2487077    | 19.896 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.254 | 2401017    | 19.596 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.145 | 2376463    | 19.082 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.980 | 2199665    | 18.250 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.766 | 1991654    | 18.264 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.507 | 1614849    | 17.302 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.268 | 1313376    | 15.617 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.224 | 1261814    | 16.072 ug/mlm |
| -----                          |        |            |               |

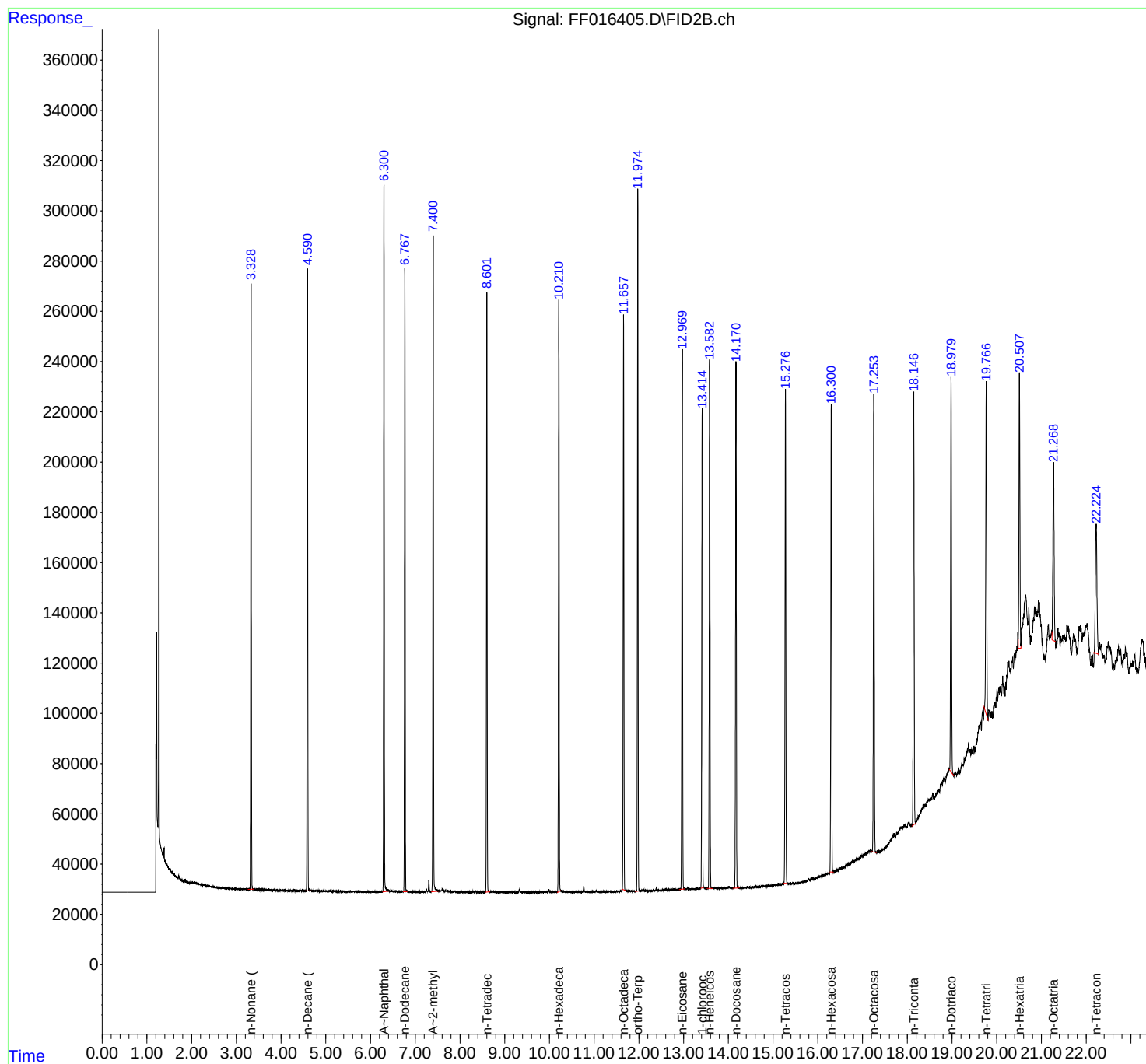
(f)=RT Delta > 1/2 Window

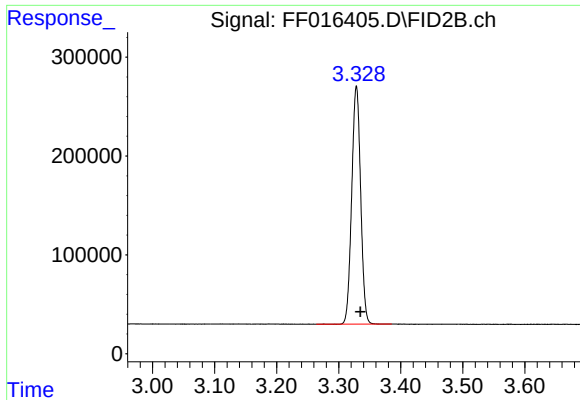
(m)=manual int.

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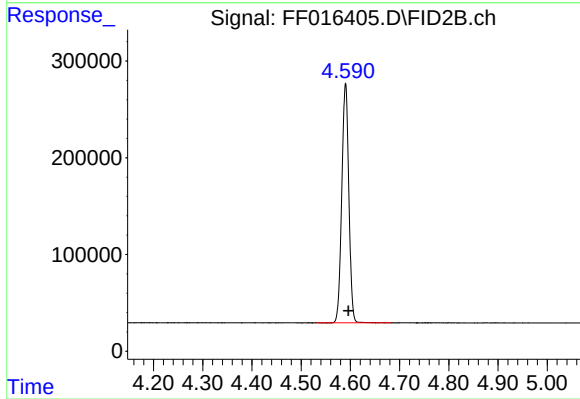
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





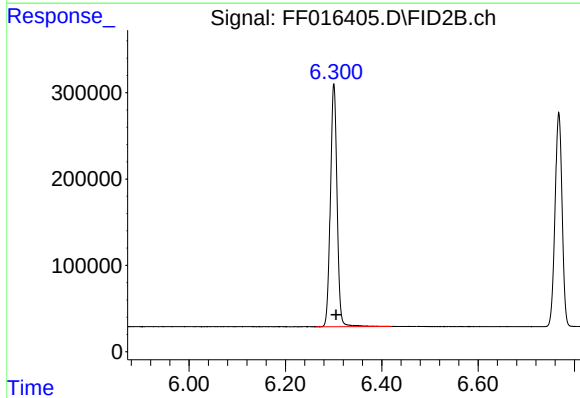
#1 n-Nonane (C9)

R.T.: 3.329 min  
Delta R.T.: -0.006 min  
Response: 2404704  
Conc: 20.57 ug/ml



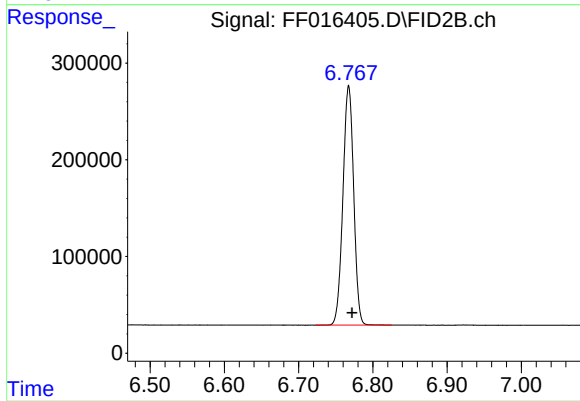
#2 n-Decane (C10)

R.T.: 4.590 min  
Delta R.T.: -0.006 min  
Response: 2462214  
Conc: 20.79 ug/ml



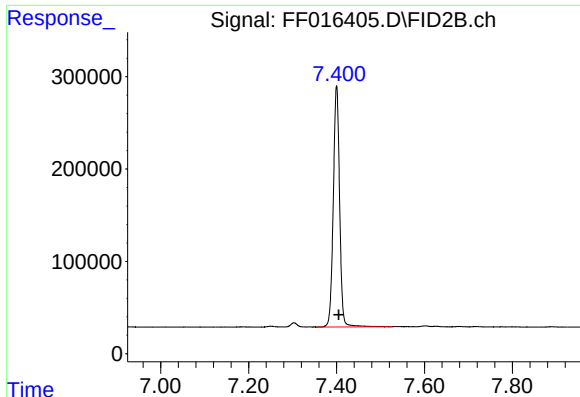
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min  
Delta R.T.: -0.004 min  
Response: 2688738  
Conc: 20.59 ug/ml



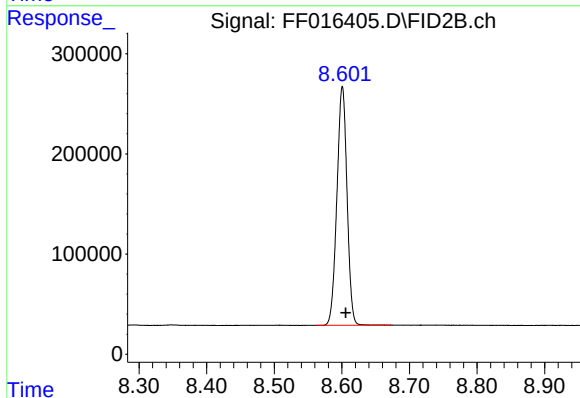
#4 n-Dodecane (C12)

R.T.: 6.768 min  
Delta R.T.: -0.005 min  
Response: 2491972  
Conc: 20.76 ug/ml



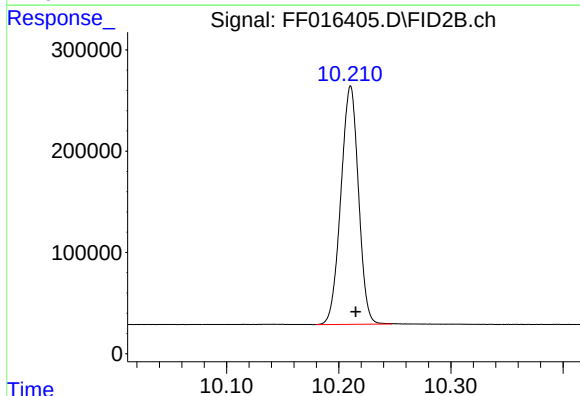
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.400 min  
Delta R.T.: -0.005 min  
Response: 2602632  
Conc: 20.44 ug/ml



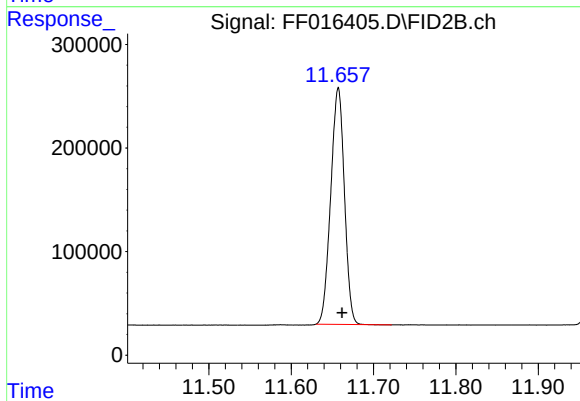
#6 n-Tetradecane (C14)

R.T.: 8.601 min  
Delta R.T.: -0.005 min  
Response: 2483838  
Conc: 20.61 ug/ml



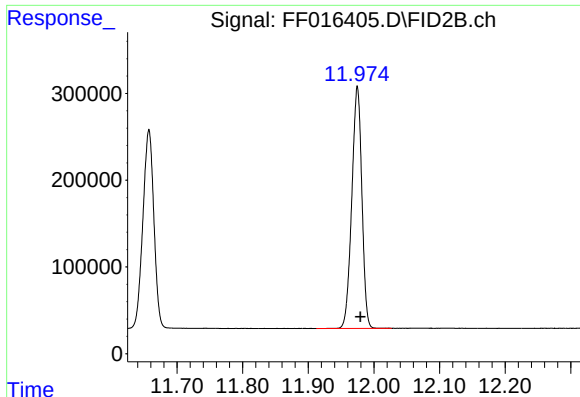
#7 n-Hexadecane (C16)

R.T.: 10.210 min  
Delta R.T.: -0.005 min  
Response: 2573621  
Conc: 20.61 ug/ml m



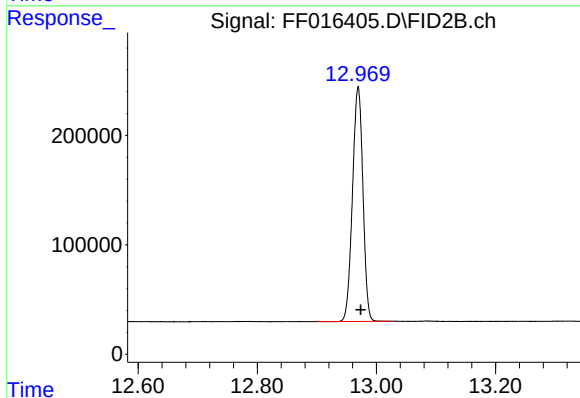
#8 n-Octadecane (C18)

R.T.: 11.657 min  
Delta R.T.: -0.005 min  
Response: 2637648  
Conc: 20.36 ug/ml



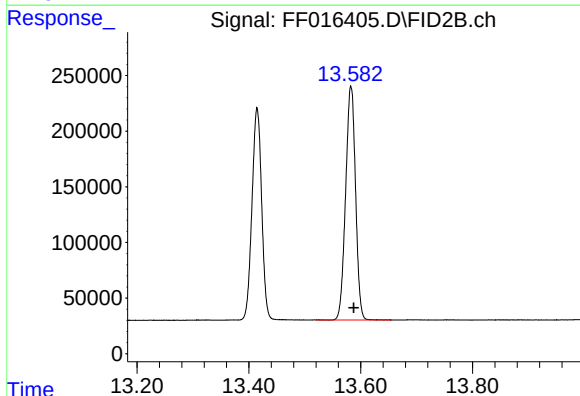
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min  
Delta R.T.: -0.005 min  
Response: 2971054  
Conc: 20.54 ug/ml



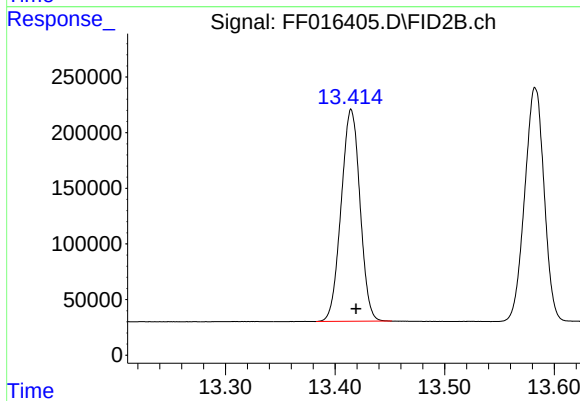
#10 n-Eicosane (C20)

R.T.: 12.969 min  
Delta R.T.: -0.004 min  
Response: 2604318  
Conc: 20.37 ug/ml



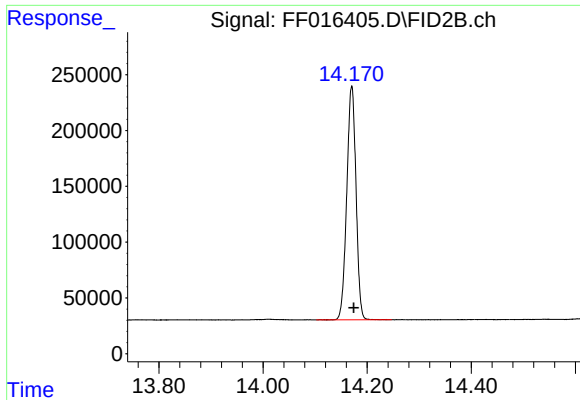
#11 n-Heneicosane (C21)

R.T.: 13.583 min  
Delta R.T.: -0.005 min  
Response: 2585238  
Conc: 20.36 ug/ml



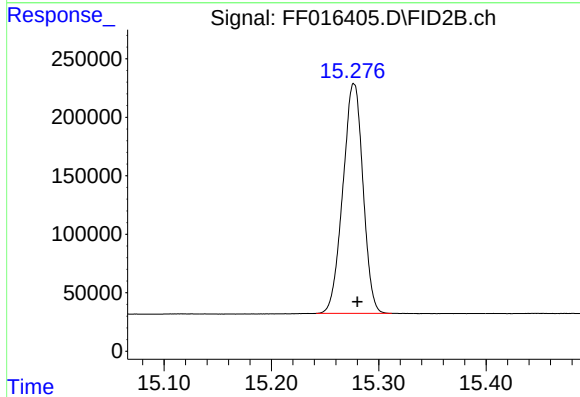
#12 1-chlorooctadecane (SURR)

R.T.: 13.414 min  
Delta R.T.: -0.005 min  
Response: 2277036  
Conc: 20.41 ug/ml m



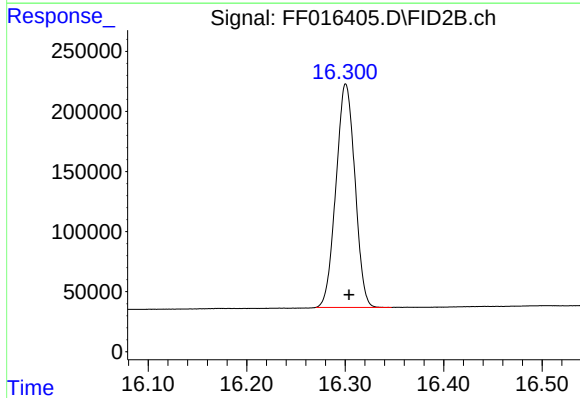
#13 n-Docosane (C22)

R.T.: 14.170 min  
Delta R.T.: -0.004 min  
Response: 2582941  
Conc: 20.34 ug/ml



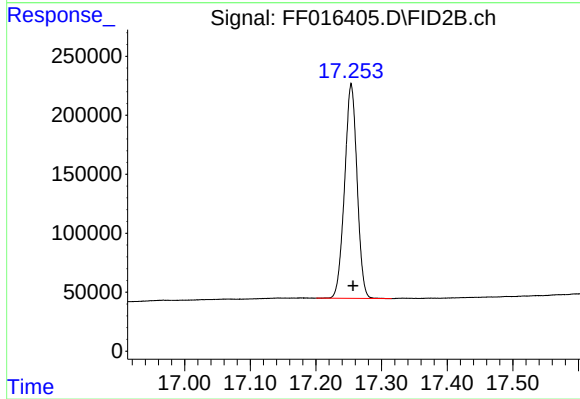
#14 n-Tetracosane (C24)

R.T.: 15.276 min  
Delta R.T.: -0.004 min  
Response: 2561103  
Conc: 20.02 ug/ml m



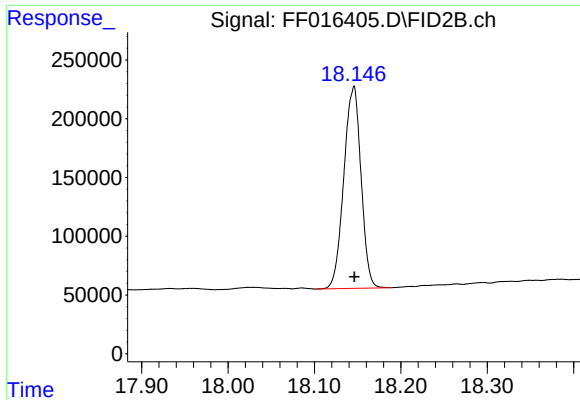
#15 n-Hexacosane (C26)

R.T.: 16.301 min  
Delta R.T.: -0.003 min  
Response: 2487077  
Conc: 19.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.254 min  
Delta R.T.: -0.003 min  
Response: 2401017  
Conc: 19.60 ug/ml



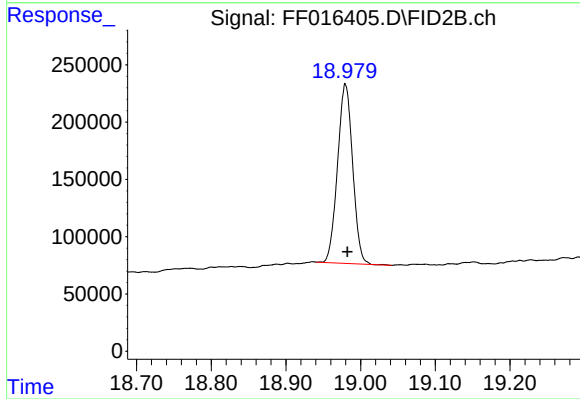
#17 n-Tricontane (C30)

R.T.: 18.145 min

Delta R.T.: -0.001 min

Response: 2376463

Conc: 19.08 ug/ml



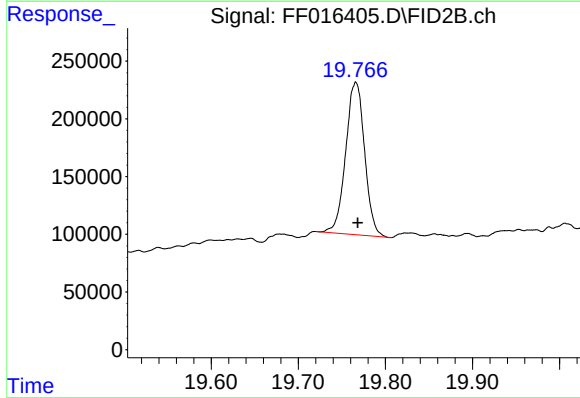
#18 n-Dotriacontane (C32)

R.T.: 18.980 min

Delta R.T.: -0.003 min

Response: 2199665

Conc: 18.25 ug/ml



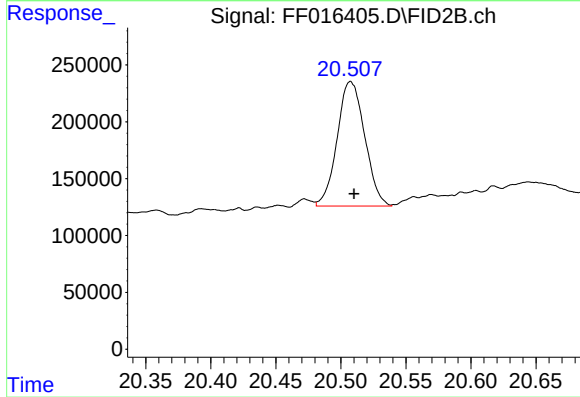
#19 n-Tetratriacontane (C34)

R.T.: 19.766 min

Delta R.T.: -0.002 min

Response: 1991654

Conc: 18.26 ug/ml



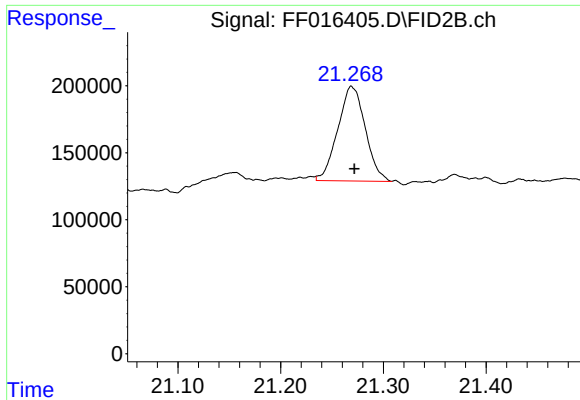
#20 n-Hexatriacontane (C36)

R.T.: 20.507 min

Delta R.T.: -0.003 min

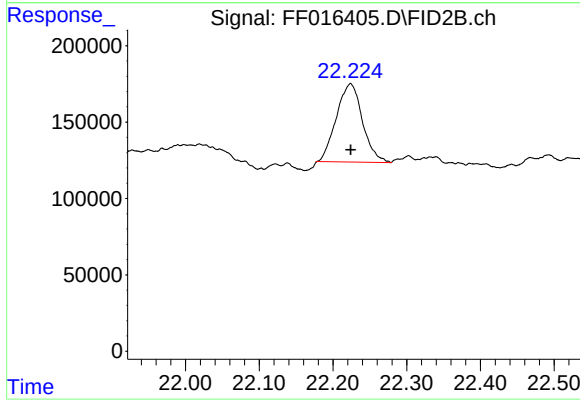
Response: 1614849

Conc: 17.30 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.268 min  
Delta R.T.: -0.004 min  
Response: 1313376  
Conc: 15.62 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.224 min  
Delta R.T.: 0.000 min  
Response: 1261814  
Conc: 16.07 ug/ml m