

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020822AL\  
 Data File : FD040914.D  
 Signal(s) : FID2B.CH  
 Acq On : 09 Feb 2022 6:03  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 09 06:54:55 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 020822.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 09 03:32:15 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.234 | 565567     | 20.235 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.47%       |
| 12) S 1-chlorooctadecane (S... | 12.674 | 428254     | 20.456 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.91%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.082  | 460814     | 20.460 ug/ml |
| 2) T n-Decane (C10)            | 4.140  | 461561     | 20.508 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.699  | 433919     | 19.527 ug/ml |
| 4) T n-Dodecane (C12)          | 6.142  | 472987     | 20.600 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.745  | 442366     | 20.593 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.920  | 483343     | 20.525 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.507  | 490399     | 20.398 ug/ml |
| 8) T n-Octadecane (C18)        | 10.937 | 513351     | 20.457 ug/ml |
| 10) T n-Eicosane (C20)         | 12.238 | 511556     | 20.425 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.845 | 519385     | 20.452 ug/ml |
| 13) T n-Docosane (C22)         | 13.427 | 509189     | 20.343 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.523 | 508711     | 20.483 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.538 | 493952     | 20.375 ug/ml |
| 16) T n-Octacosane (C28)       | 16.482 | 489527     | 20.330 ug/ml |
| 17) T n-Tricontane (C30)       | 17.365 | 481733     | 20.217 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.194 | 456786     | 20.366 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.972 | 432920     | 20.089 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.708 | 404216     | 20.330 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.406 | 385992     | 20.373 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.189 | 391767     | 20.240 ug/ml |
| -----                          |        |            |              |

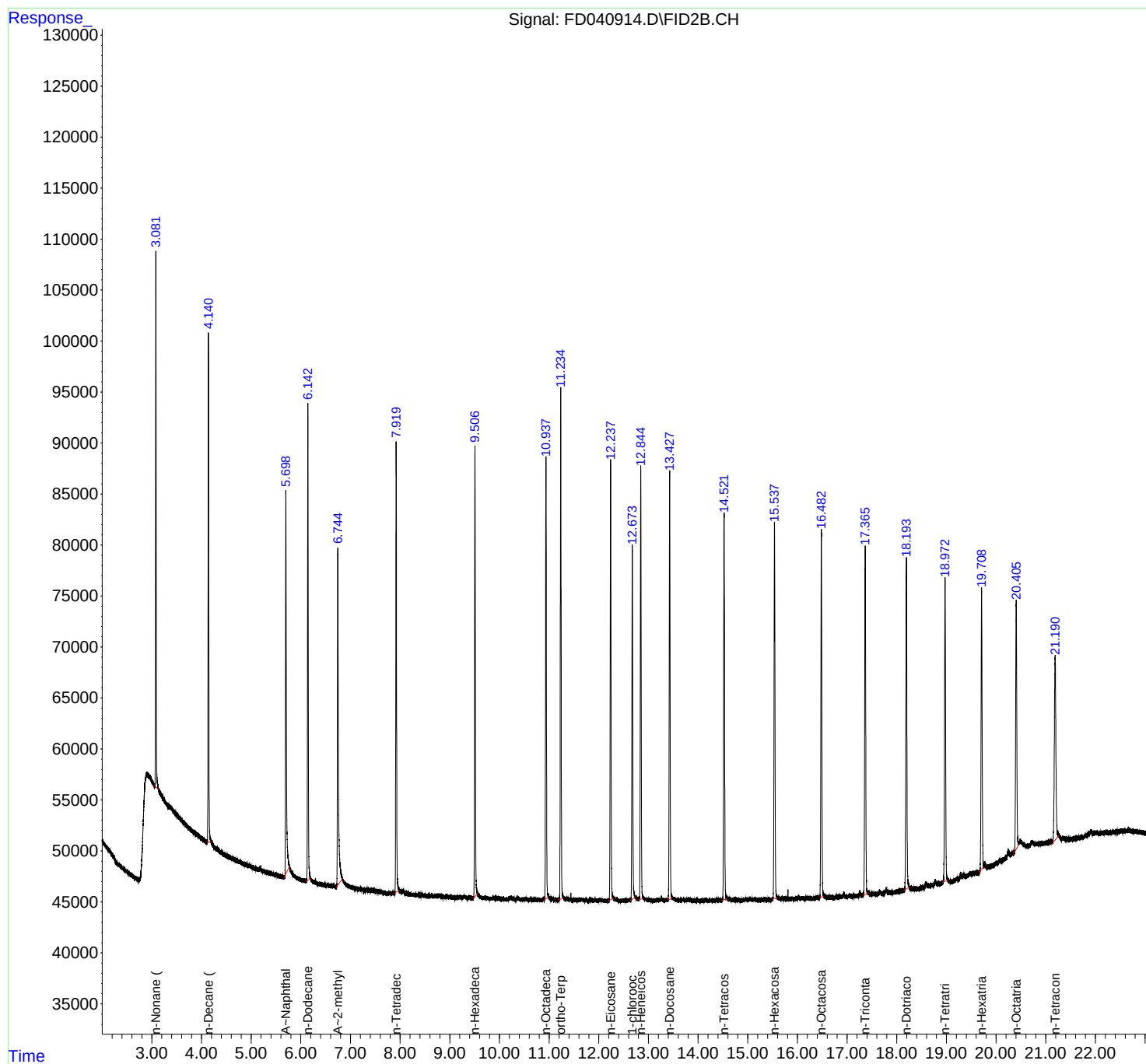
(f)=RT Delta > 1/2 Window

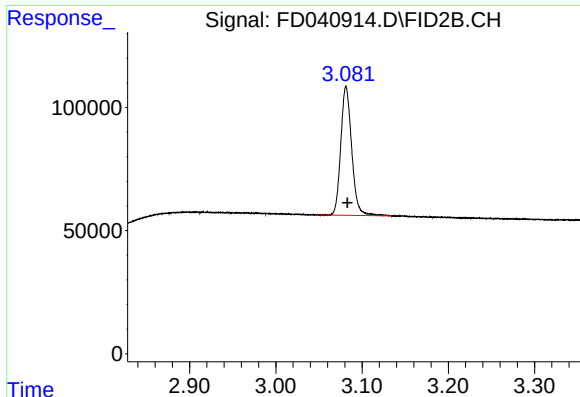
(m)=manual int.

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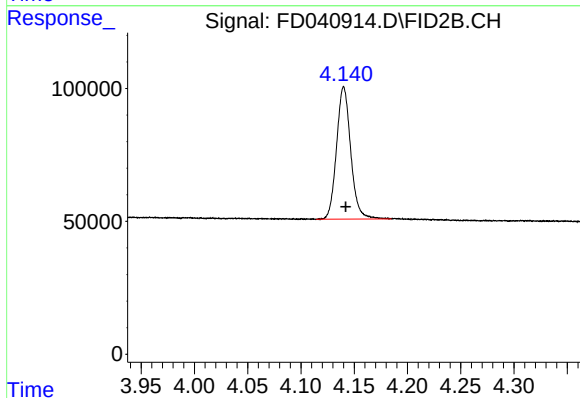
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





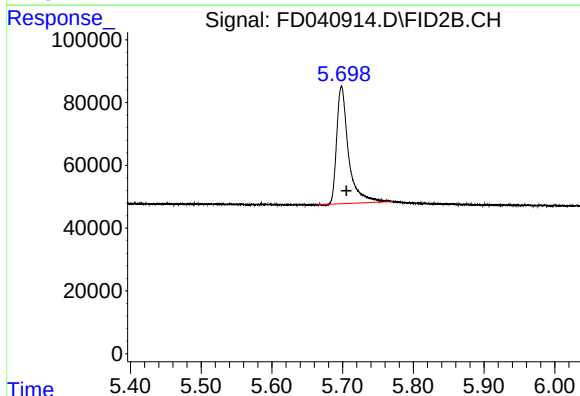
#1 n-Nonane (C9)

R.T.: 3.082 min  
Delta R.T.: -0.002 min  
Response: 460814  
Conc: 20.46 ug/ml



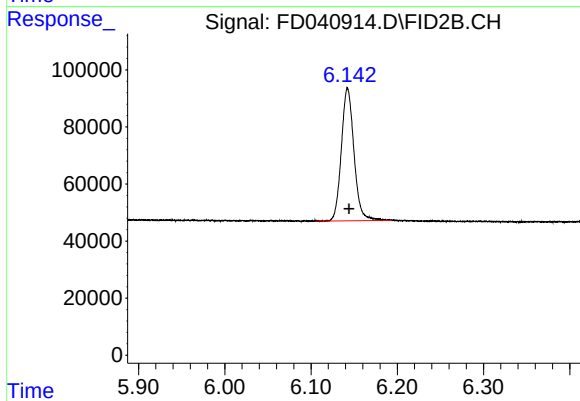
#2 n-Decane (C10)

R.T.: 4.140 min  
Delta R.T.: -0.002 min  
Response: 461561  
Conc: 20.51 ug/ml



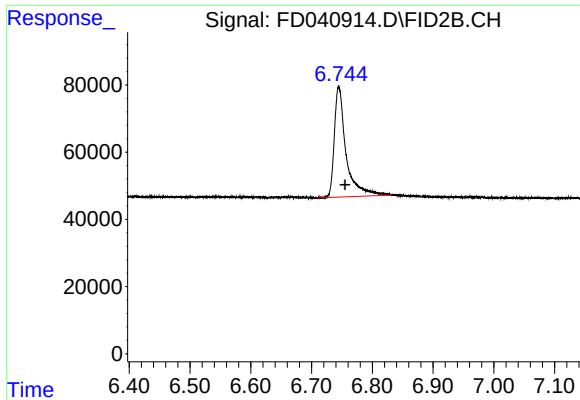
#3 A~Naphthalene (C11.7)

R.T.: 5.699 min  
Delta R.T.: -0.007 min  
Response: 433919  
Conc: 19.53 ug/ml



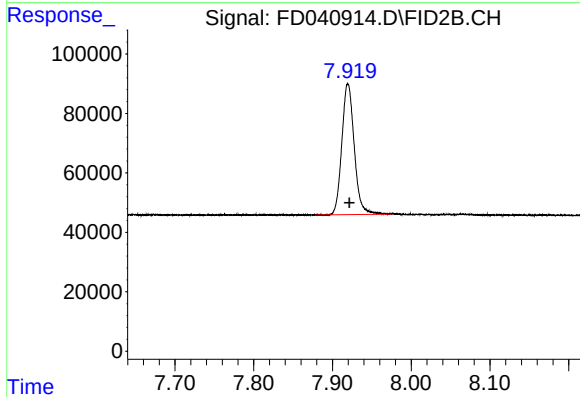
#4 n-Dodecane (C12)

R.T.: 6.142 min  
Delta R.T.: -0.001 min  
Response: 472987  
Conc: 20.60 ug/ml



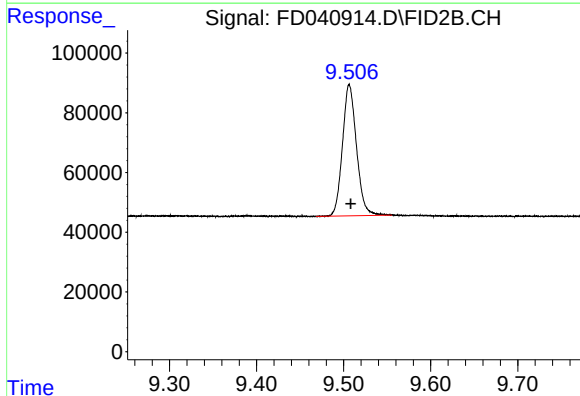
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.745 min  
Delta R.T.: -0.010 min  
Response: 442366  
Conc: 20.59 ug/ml



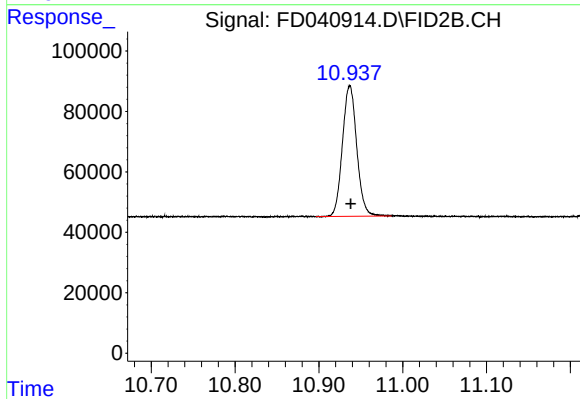
#6 n-Tetradecane (C14)

R.T.: 7.920 min  
Delta R.T.: -0.002 min  
Response: 483343  
Conc: 20.53 ug/ml



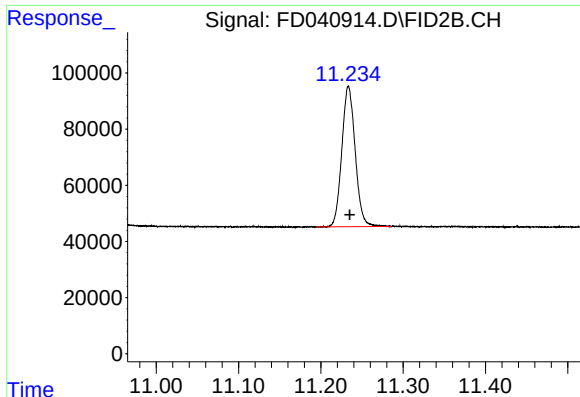
#7 n-Hexadecane (C16)

R.T.: 9.507 min  
Delta R.T.: -0.002 min  
Response: 490399  
Conc: 20.40 ug/ml



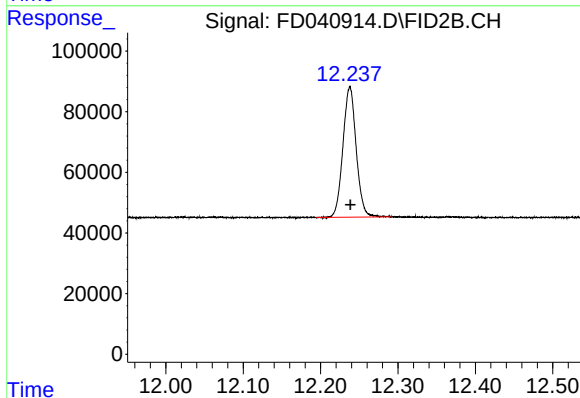
#8 n-Octadecane (C18)

R.T.: 10.937 min  
Delta R.T.: -0.001 min  
Response: 513351  
Conc: 20.46 ug/ml



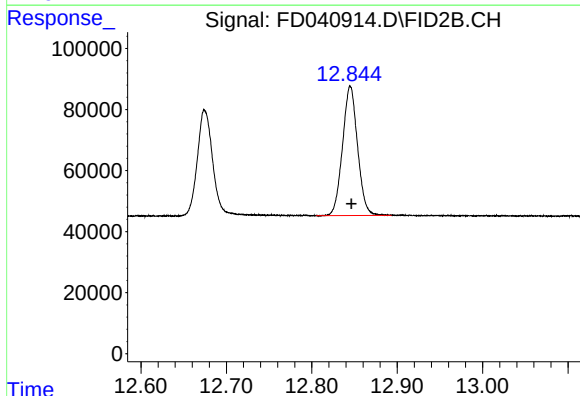
#9 ortho-Terphenyl (SURRE)

R.T.: 11.234 min  
Delta R.T.: -0.002 min  
Response: 565567  
Conc: 20.24 ug/ml



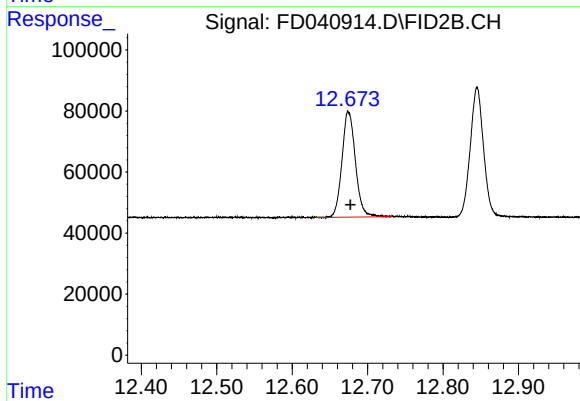
#10 n-Eicosane (C20)

R.T.: 12.238 min  
Delta R.T.: 0.000 min  
Response: 511556  
Conc: 20.43 ug/ml



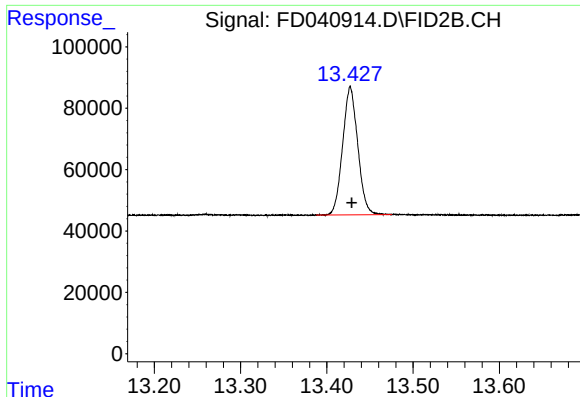
#11 n-Heneicosane (C21)

R.T.: 12.845 min  
Delta R.T.: -0.001 min  
Response: 519385  
Conc: 20.45 ug/ml



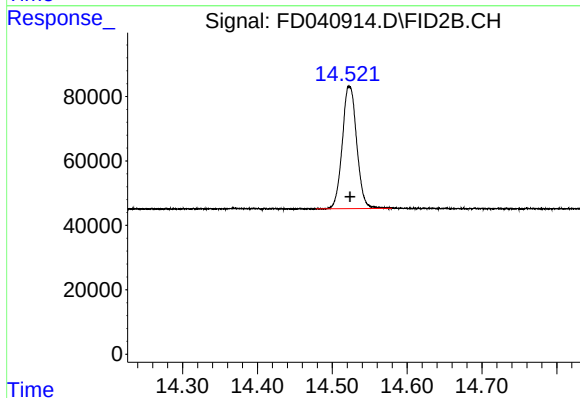
#12 1-chlorooctadecane (SURRE)

R.T.: 12.674 min  
Delta R.T.: -0.003 min  
Response: 428254  
Conc: 20.46 ug/ml



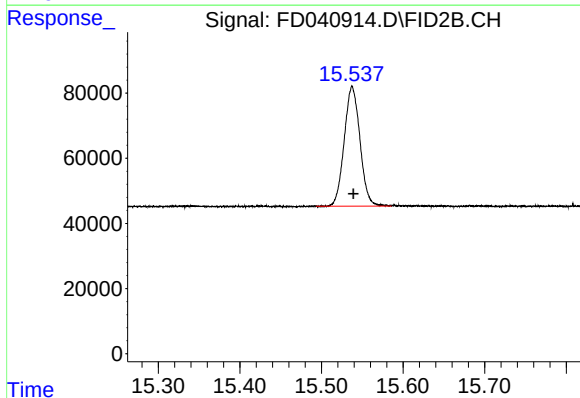
#13 n-Docosane (C22)

R.T.: 13.427 min  
Delta R.T.: -0.002 min  
Response: 509189  
Conc: 20.34 ug/ml



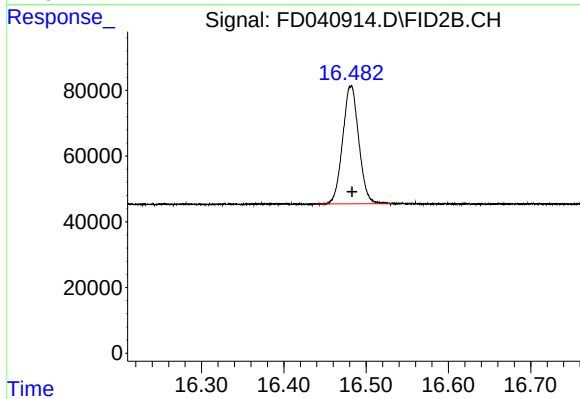
#14 n-Tetracosane (C24)

R.T.: 14.523 min  
Delta R.T.: -0.001 min  
Response: 508711  
Conc: 20.48 ug/ml



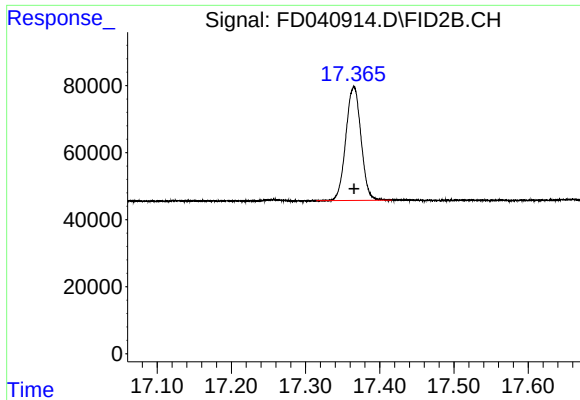
#15 n-Hexacosane (C26)

R.T.: 15.538 min  
Delta R.T.: -0.002 min  
Response: 493952  
Conc: 20.38 ug/ml



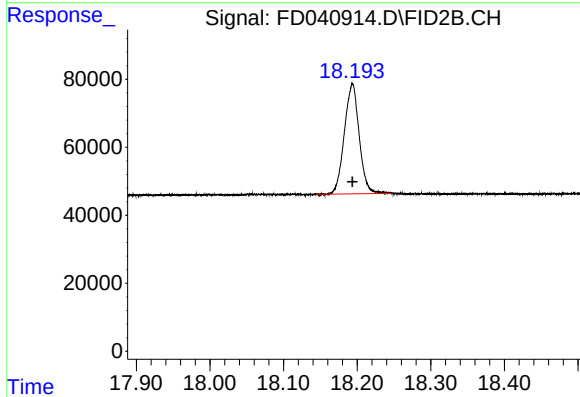
#16 n-Octacosane (C28)

R.T.: 16.482 min  
Delta R.T.: -0.001 min  
Response: 489527  
Conc: 20.33 ug/ml



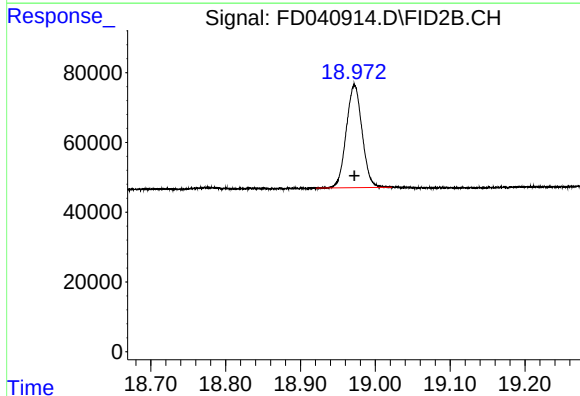
#17 n-Tricontane (C30)

R.T.: 17.365 min  
Delta R.T.: 0.000 min  
Response: 481733  
Conc: 20.22 ug/ml



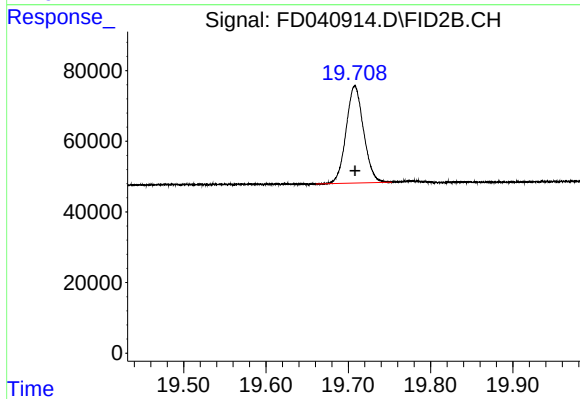
#18 n-Dotriacontane (C32)

R.T.: 18.194 min  
Delta R.T.: 0.000 min  
Response: 456786  
Conc: 20.37 ug/ml



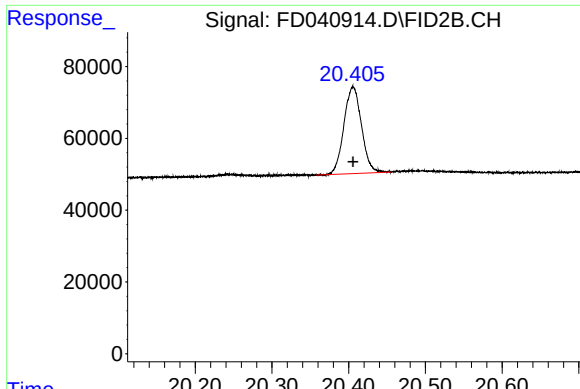
#19 n-Tetratriacontane (C34)

R.T.: 18.972 min  
Delta R.T.: 0.000 min  
Response: 432920  
Conc: 20.09 ug/ml



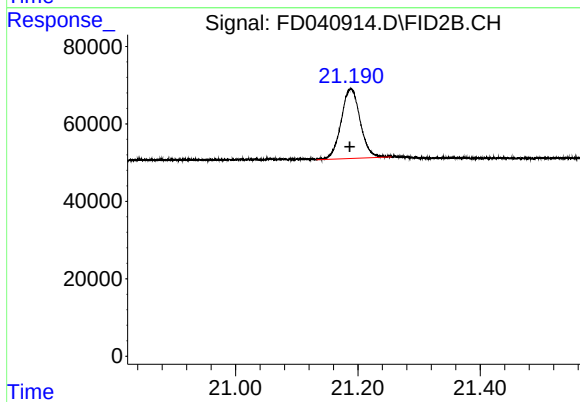
#20 n-Hexatriacontane (C36)

R.T.: 19.708 min  
Delta R.T.: 0.000 min  
Response: 404216  
Conc: 20.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.406 min  
Delta R.T.: 0.000 min  
Response: 385992  
Conc: 20.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.189 min  
Delta R.T.: 0.002 min  
Response: 391767  
Conc: 20.24 ug/ml