

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042122AL\  
 Data File : FD042027.D  
 Signal(s) : FID2B.CH  
 Acq On : 22 Apr 2022 00:46  
 Operator : UA/NP  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 22 01:50:52 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 042122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 22 01:49:25 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)    | 11.209 | 869305     | 5.410 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 10.82%       |
| 12) S 1-chlorooctadecane (S... | 12.647 | 676868     | 5.331 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 10.66%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.082  | 669997     | 5.106 ug/ml  |
| 2) T n-Decane (C10)            | 4.127  | 643963     | 4.974 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.691  | 693006     | 4.971 ug/mlm |
| 4) T n-Dodecane (C12)          | 6.121  | 705904     | 5.113 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.746  | 604805     | 4.425 ug/mlm |
| 6) T n-Tetradecane (C14)       | 7.897  | 702629     | 5.097 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.482  | 721792     | 5.123 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.910 | 765491     | 5.310 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.209 | 807809     | 5.511 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.816 | 814386     | 5.522 ug/ml  |
| 13) T n-Docosane (C22)         | 13.397 | 811465     | 5.495 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.493 | 816476     | 5.503 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.506 | 813645     | 5.514 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.449 | 817102     | 5.573 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.331 | 816000     | 5.686 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.157 | 769561     | 5.682 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.937 | 690586     | 5.556 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.672 | 595295     | 5.381 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.369 | 512431     | 5.190 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.142 | 445085     | 4.915 ug/ml  |
| -----                          |        |            |              |

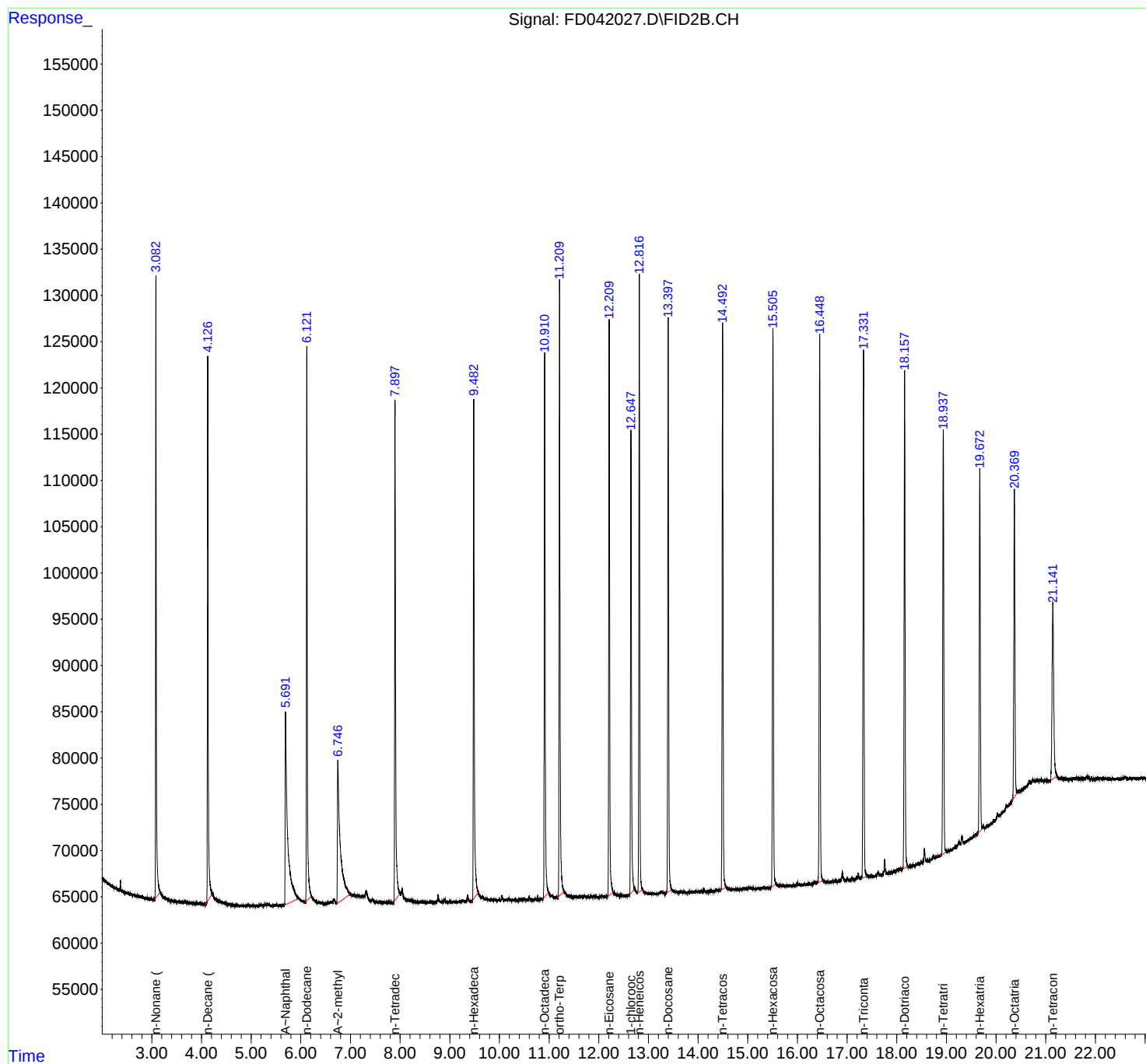
(f)=RT Delta > 1/2 Window

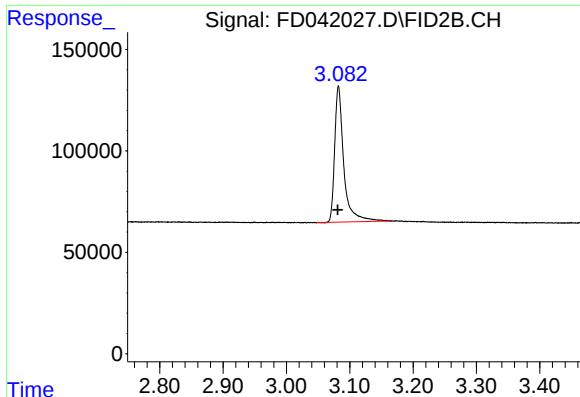
(m)=manual int.

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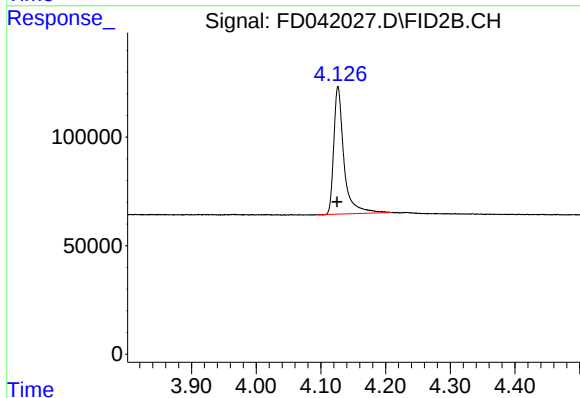
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





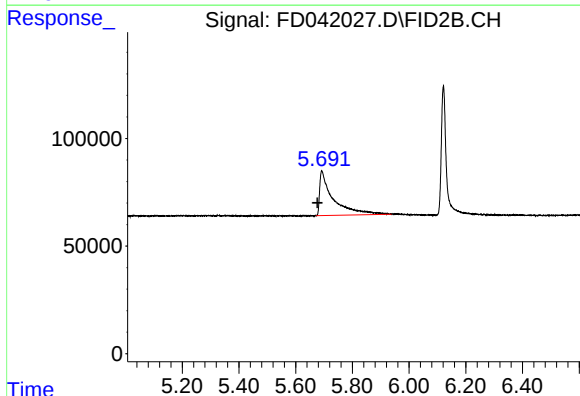
#1 n-Nonane (C9)

R.T.: 3.082 min  
Delta R.T.: 0.001 min  
Response: 669997  
Conc: 5.11 ug/ml



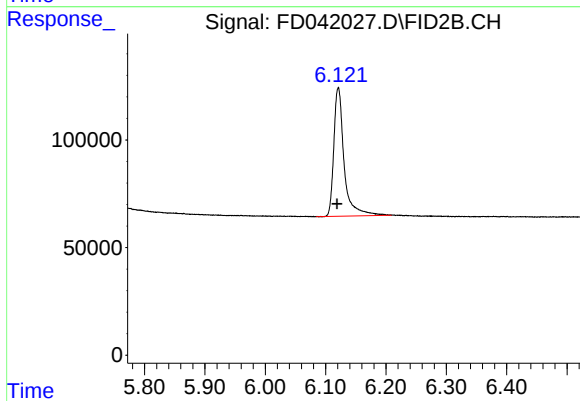
#2 n-Decane (C10)

R.T.: 4.127 min  
Delta R.T.: 0.002 min  
Response: 643963  
Conc: 4.97 ug/ml



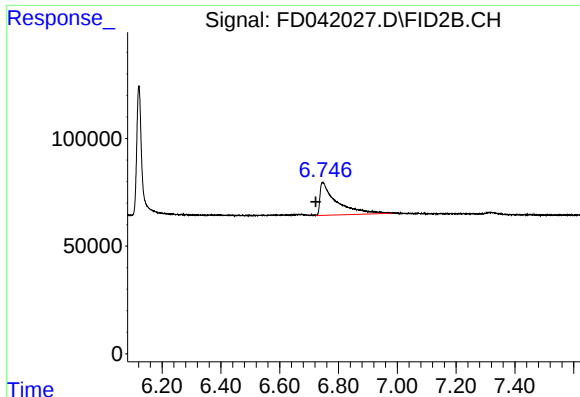
#3 A~Naphthalene (C11.7)

R.T.: 5.691 min  
Delta R.T.: 0.015 min  
Response: 693006  
Conc: 4.97 ug/ml m



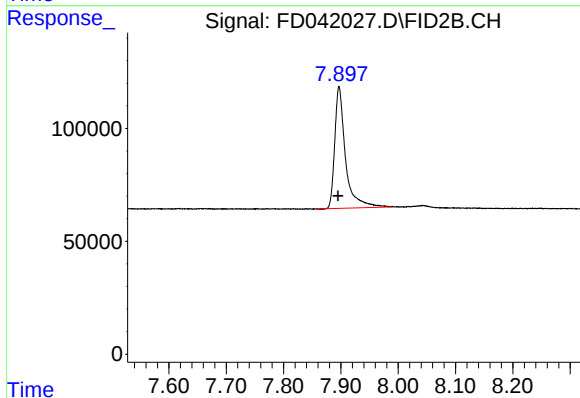
#4 n-Dodecane (C12)

R.T.: 6.121 min  
Delta R.T.: 0.002 min  
Response: 705904  
Conc: 5.11 ug/ml



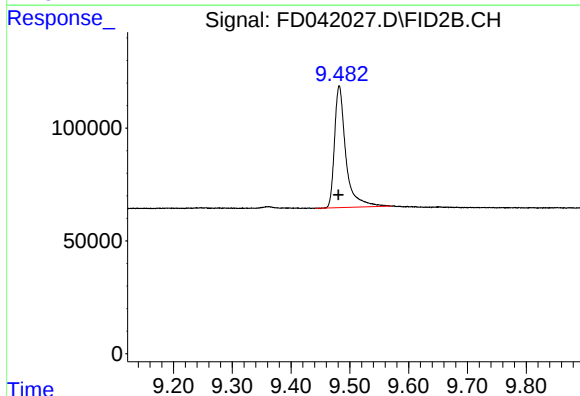
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.746 min  
Delta R.T.: 0.023 min  
Response: 604805  
Conc: 4.42 ug/ml m



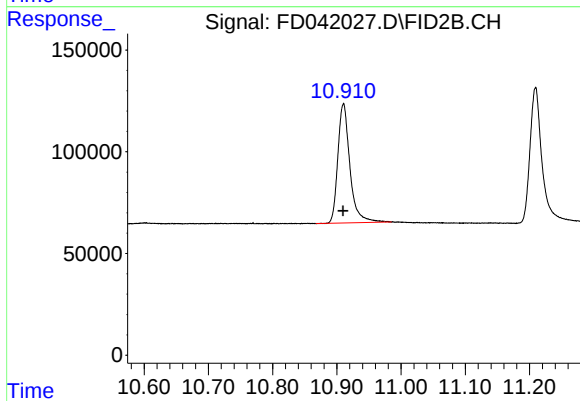
#6 n-Tetradecane (C14)

R.T.: 7.897 min  
Delta R.T.: 0.002 min  
Response: 702629  
Conc: 5.10 ug/ml



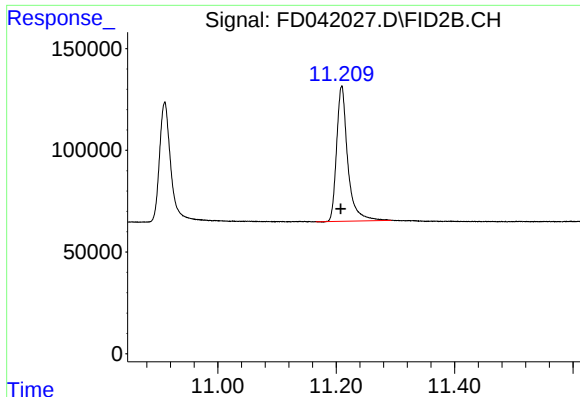
#7 n-Hexadecane (C16)

R.T.: 9.482 min  
Delta R.T.: 0.002 min  
Response: 721792  
Conc: 5.12 ug/ml



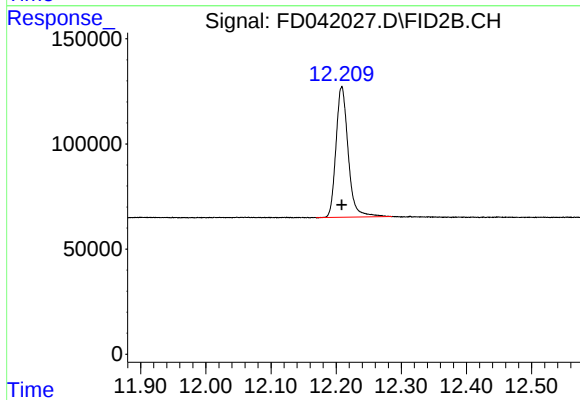
#8 n-Octadecane (C18)

R.T.: 10.910 min  
Delta R.T.: 0.000 min  
Response: 765491  
Conc: 5.31 ug/ml



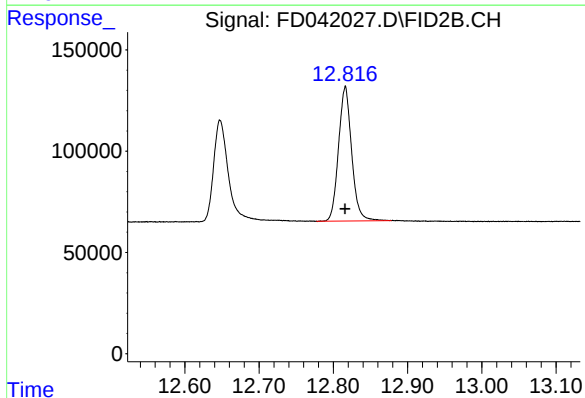
#9 ortho-Terphenyl (SURRE)

R.T.: 11.209 min  
Delta R.T.: 0.002 min  
Response: 869305  
Conc: 5.41 ug/ml



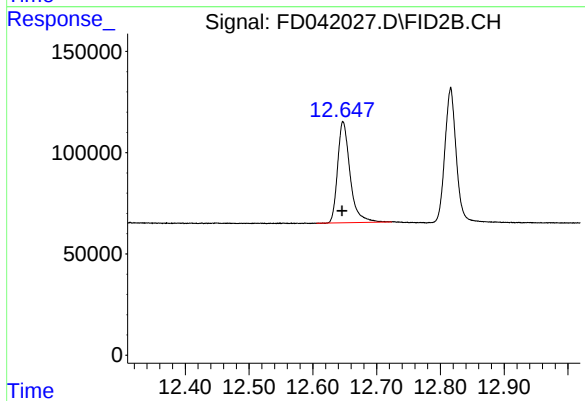
#10 n-Eicosane (C20)

R.T.: 12.209 min  
Delta R.T.: 0.000 min  
Response: 807809  
Conc: 5.51 ug/ml



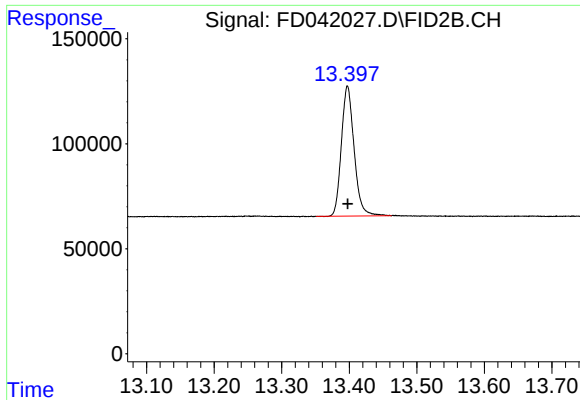
#11 n-Heneicosane (C21)

R.T.: 12.816 min  
Delta R.T.: 0.000 min  
Response: 814386  
Conc: 5.52 ug/ml



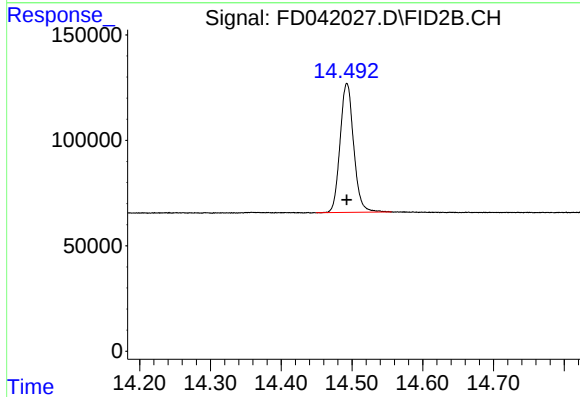
#12 1-chlorooctadecane (SURRE)

R.T.: 12.647 min  
Delta R.T.: 0.001 min  
Response: 676868  
Conc: 5.33 ug/ml



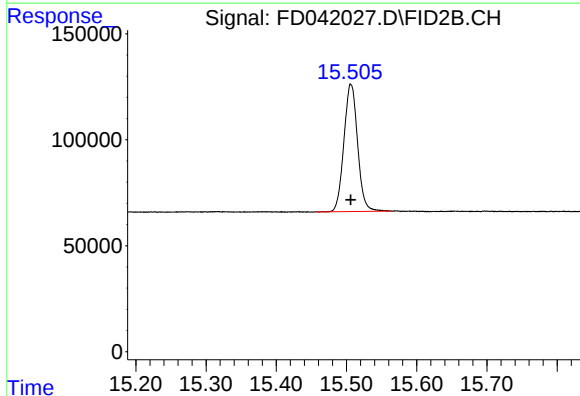
#13 n-Docosane (C22)

R.T.: 13.397 min  
Delta R.T.: 0.000 min  
Response: 811465  
Conc: 5.50 ug/ml



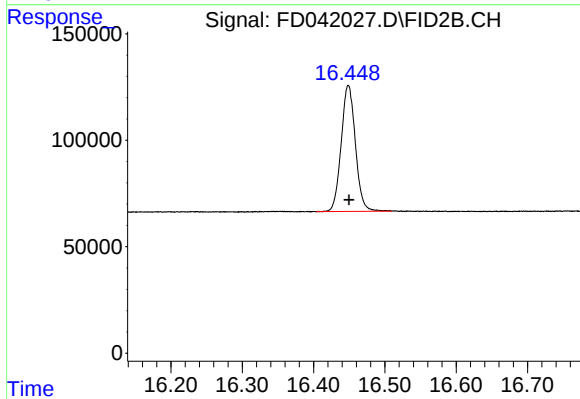
#14 n-Tetracosane (C24)

R.T.: 14.493 min  
Delta R.T.: 0.000 min  
Response: 816476  
Conc: 5.50 ug/ml



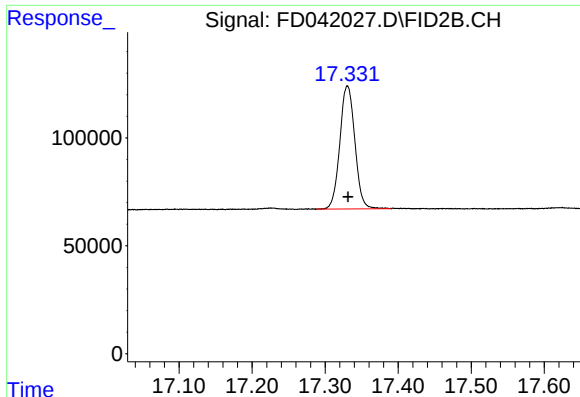
#15 n-Hexacosane (C26)

R.T.: 15.506 min  
Delta R.T.: 0.000 min  
Response: 813645  
Conc: 5.51 ug/ml



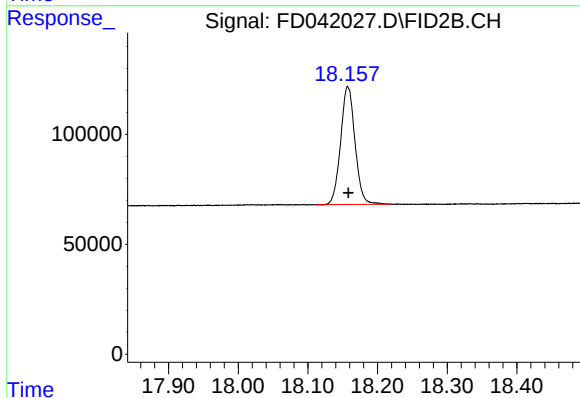
#16 n-Octacosane (C28)

R.T.: 16.449 min  
Delta R.T.: -0.001 min  
Response: 817102  
Conc: 5.57 ug/ml



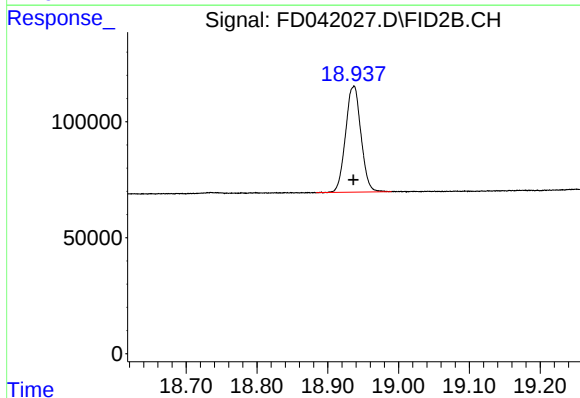
#17 n-Tricontane (C30)

R.T.: 17.331 min  
Delta R.T.: 0.000 min  
Response: 816000  
Conc: 5.69 ug/ml



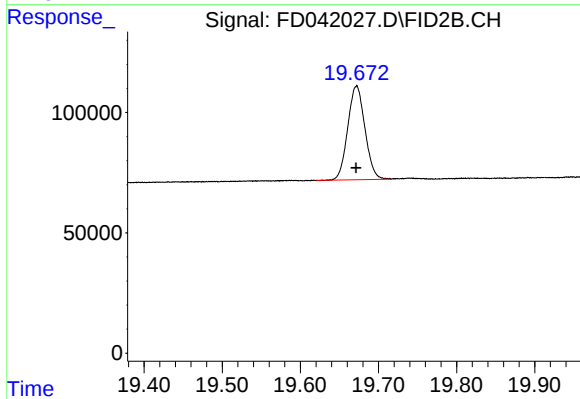
#18 n-Dotriacontane (C32)

R.T.: 18.157 min  
Delta R.T.: 0.000 min  
Response: 769561  
Conc: 5.68 ug/ml



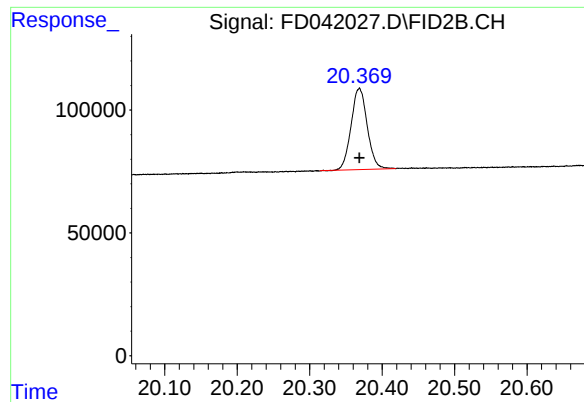
#19 n-Tetratriacontane (C34)

R.T.: 18.937 min  
Delta R.T.: 0.000 min  
Response: 690586  
Conc: 5.56 ug/ml



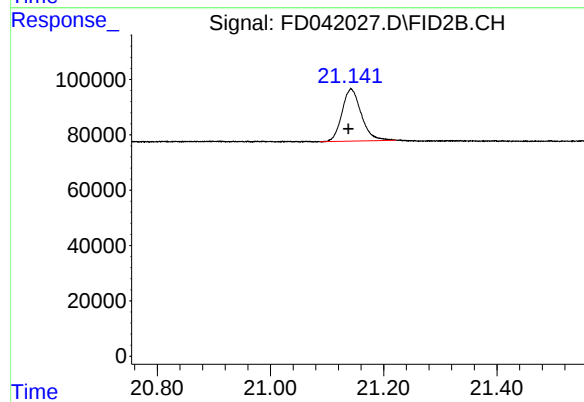
#20 n-Hexatriacontane (C36)

R.T.: 19.672 min  
Delta R.T.: 0.000 min  
Response: 595295  
Conc: 5.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.369 min  
Delta R.T.: 0.000 min  
Response: 512431  
Conc: 5.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.142 min  
Delta R.T.: 0.005 min  
Response: 445085  
Conc: 4.92 ug/ml