

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062819AL\  
 Data File : FC042093.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Jun 2019 12:45  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 29 00:05:30 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 061219.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 13 07:03:58 2019  
 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)    | 11.696 | 2717322    | 20.425 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.85%       |
| 12) S 1-chlorooctadecane (S... | 13.119 | 2179441    | 19.834 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.67%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.491  | 2668025    | 22.958 ug/ml |
| 2) T n-Decane (C10)            | 4.555  | 2738863    | 23.275 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.142  | 2991577    | 22.508 ug/ml |
| 4) T n-Dodecane (C12)          | 6.562  | 2748468    | 23.143 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.192  | 2964645    | 22.267 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.346  | 2743822    | 22.705 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.937  | 2704374    | 22.067 ug/ml |
| 8) T n-Octadecane (C18)        | 11.371 | 2649313    | 21.381 ug/ml |
| 10) T n-Eicosane (C20)         | 12.676 | 2574494    | 20.347 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.284 | 2513792    | 19.911 ug/ml |
| 13) T n-Docosane (C22)         | 13.868 | 2451557    | 19.403 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.967 | 2377419    | 18.685 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.984 | 2308944    | 18.598 ug/ml |
| 16) T n-Octacosane (C28)       | 16.930 | 2300197    | 18.877 ug/ml |
| 17) T n-Tricontane (C30)       | 17.815 | 2276282    | 19.528 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.644 | 2153200    | 19.942 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.425 | 1826916    | 21.231 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.162 | 1628638    | 21.012 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.912 | 1513964    | 22.895 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.847 | 1567803    | 23.206 ug/ml |
| -----                          |        |            |              |

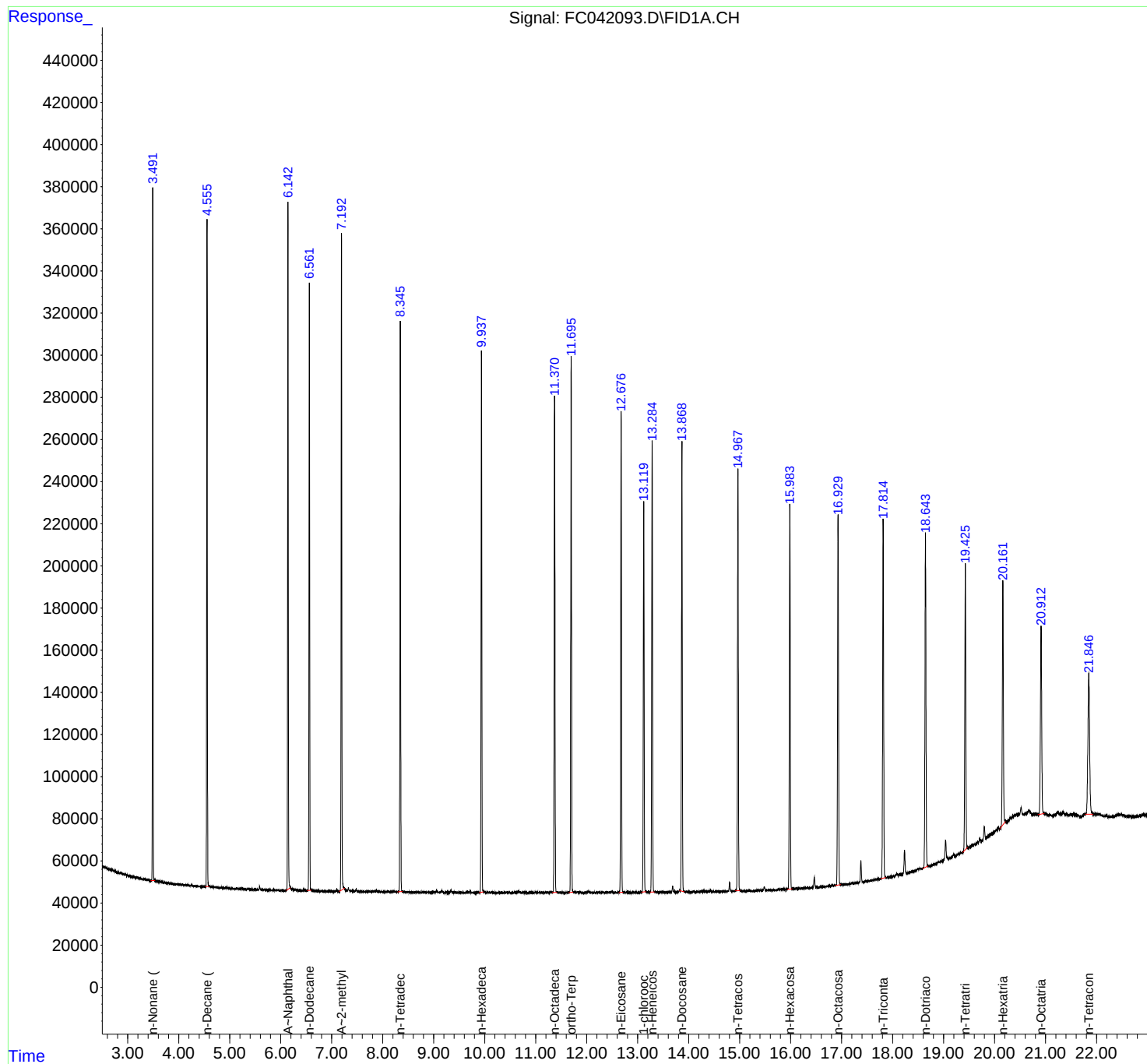
(f)=RT Delta > 1/2 Window

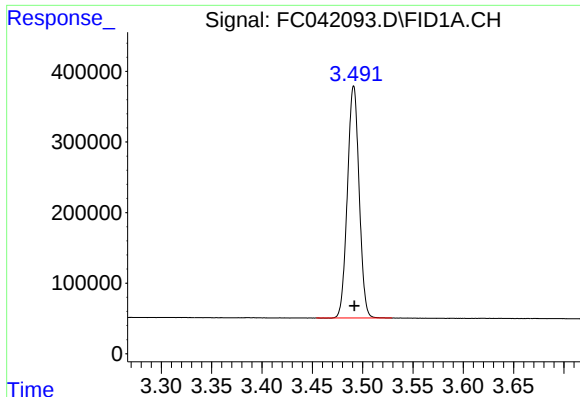
(m)=manual int.

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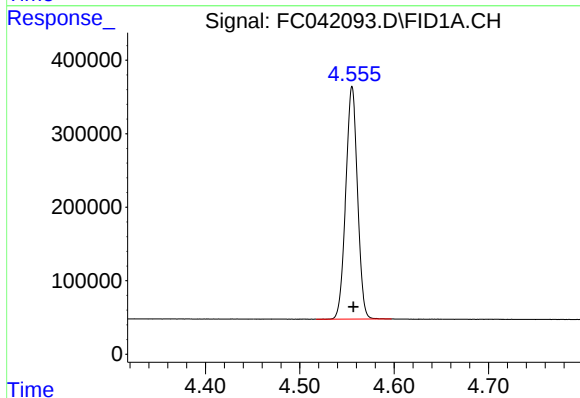
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





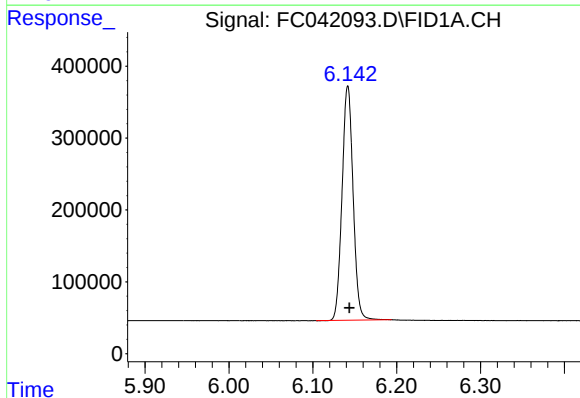
#1 n-Nonane (C9)

R.T.: 3.491 min  
Delta R.T.: 0.000 min  
Response: 2668025  
Conc: 22.96 ug/ml



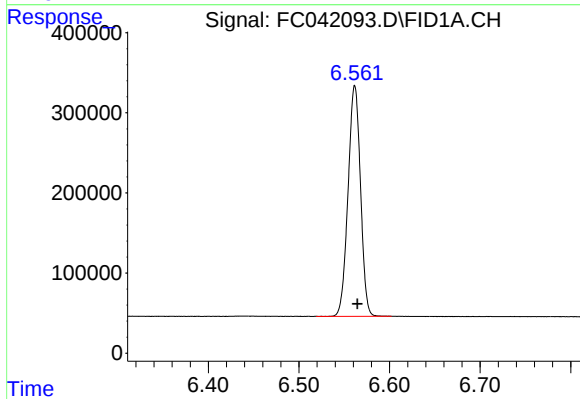
#2 n-Decane (C10)

R.T.: 4.555 min  
Delta R.T.: -0.001 min  
Response: 2738863  
Conc: 23.27 ug/ml



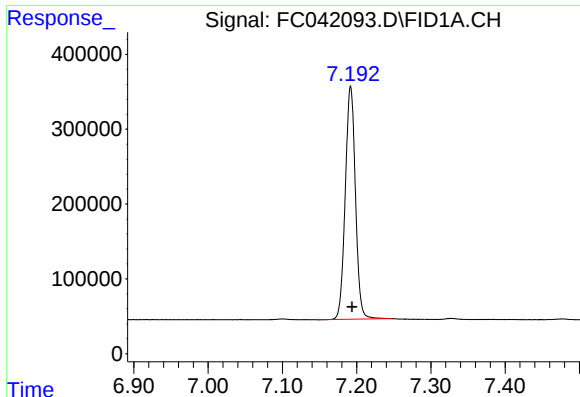
#3 A~Naphthalene (C11.7)

R.T.: 6.142 min  
Delta R.T.: -0.002 min  
Response: 2991577  
Conc: 22.51 ug/ml



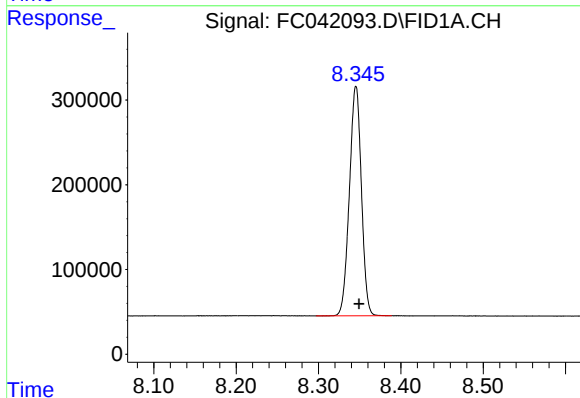
#4 n-Dodecane (C12)

R.T.: 6.562 min  
Delta R.T.: -0.003 min  
Response: 2748468  
Conc: 23.14 ug/ml



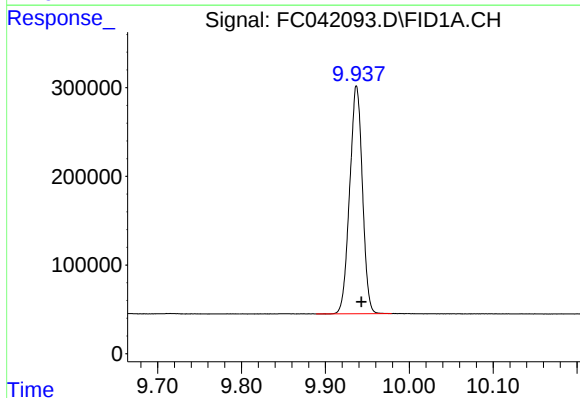
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.192 min  
Delta R.T.: -0.002 min  
Response: 2964645  
Conc: 22.27 ug/ml



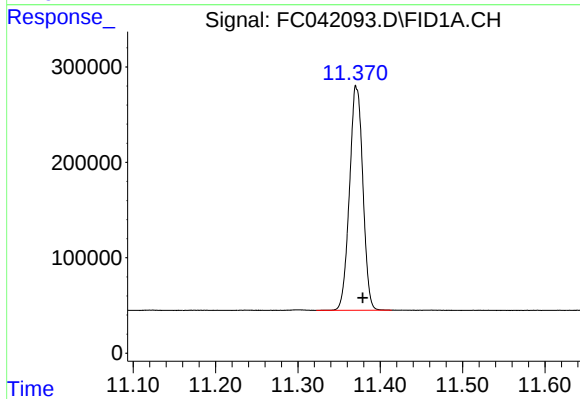
#6 n-Tetradecane (C14)

R.T.: 8.346 min  
Delta R.T.: -0.004 min  
Response: 2743822  
Conc: 22.70 ug/ml



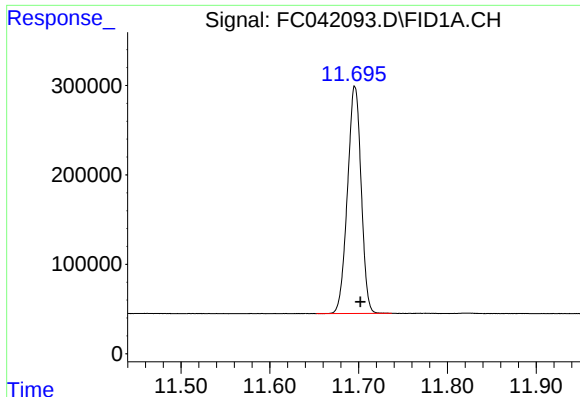
#7 n-Hexadecane (C16)

R.T.: 9.937 min  
Delta R.T.: -0.005 min  
Response: 2704374  
Conc: 22.07 ug/ml



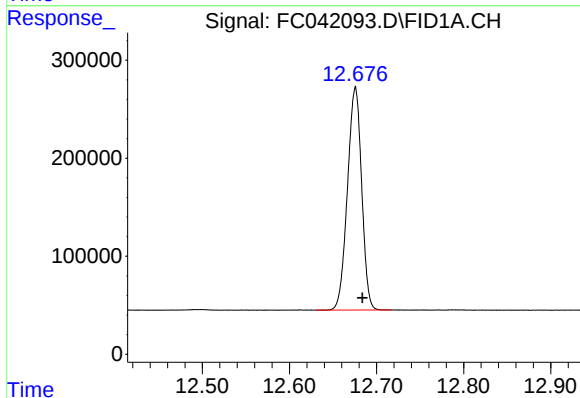
#8 n-Octadecane (C18)

R.T.: 11.371 min  
Delta R.T.: -0.008 min  
Response: 2649313  
Conc: 21.38 ug/ml



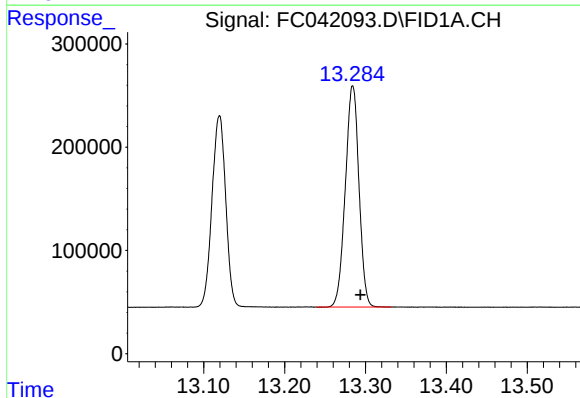
#9 ortho-Terphenyl (SURR)

R.T.: 11.696 min  
Delta R.T.: -0.006 min  
Response: 2717322  
Conc: 20.42 ug/ml



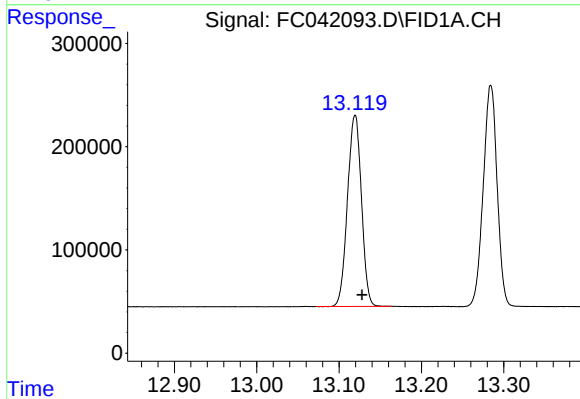
#10 n-Eicosane (C20)

R.T.: 12.676 min  
Delta R.T.: -0.008 min  
Response: 2574494  
Conc: 20.35 ug/ml



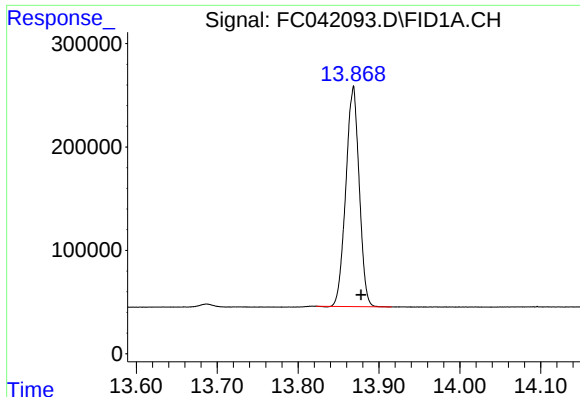
#11 n-Heneicosane (C21)

R.T.: 13.284 min  
Delta R.T.: -0.010 min  
Response: 2513792  
Conc: 19.91 ug/ml



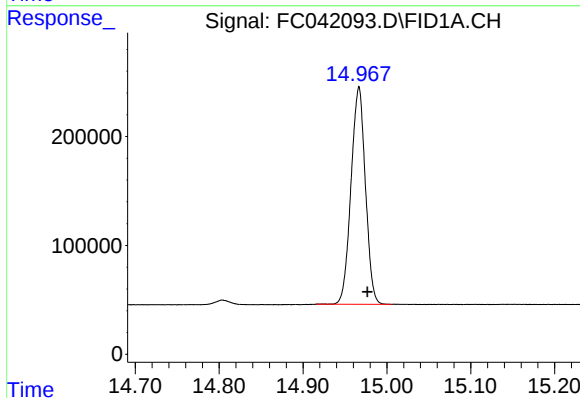
#12 1-chlorooctadecane (SURR)

R.T.: 13.119 min  
Delta R.T.: -0.009 min  
Response: 2179441  
Conc: 19.83 ug/ml



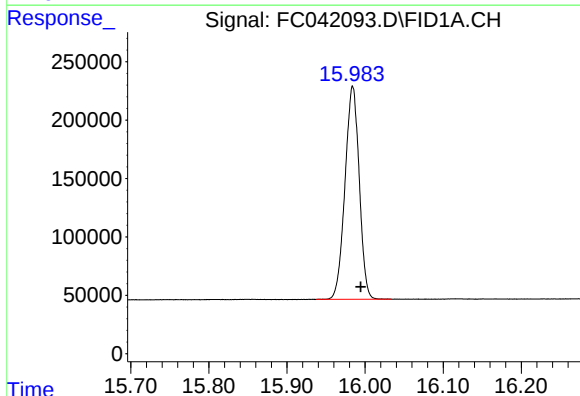
#13 n-Docosane (C22)

R.T.: 13.868 min  
Delta R.T.: -0.010 min  
Response: 2451557  
Conc: 19.40 ug/ml



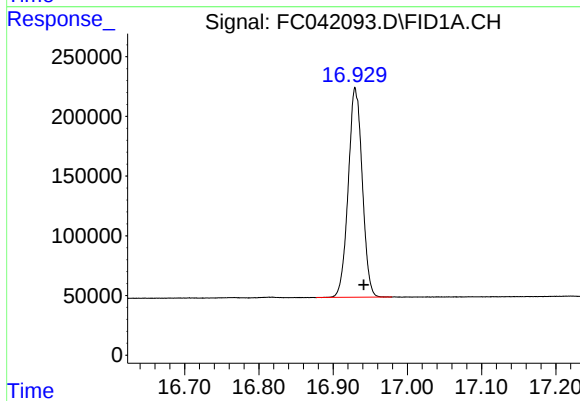
#14 n-Tetracosane (C24)

R.T.: 14.967 min  
Delta R.T.: -0.010 min  
Response: 2377419  
Conc: 18.68 ug/ml



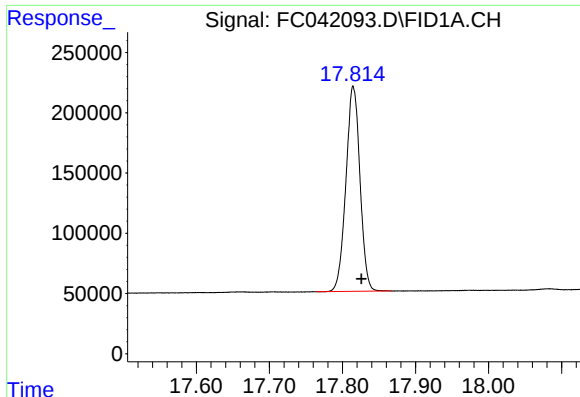
#15 n-Hexacosane (C26)

R.T.: 15.984 min  
Delta R.T.: -0.010 min  
Response: 2308944  
Conc: 18.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.930 min  
Delta R.T.: -0.011 min  
Response: 2300197  
Conc: 18.88 ug/ml



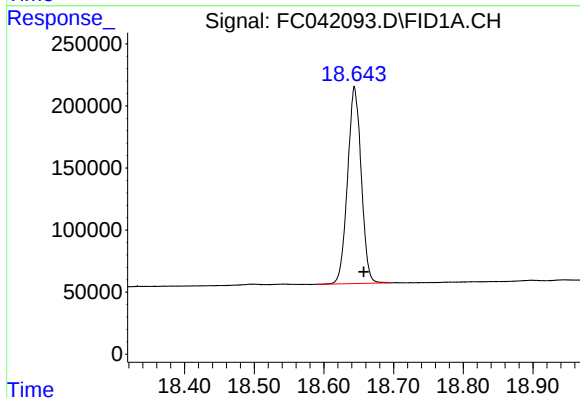
#17 n-Tricontane (C30)

R.T.: 17.815 min

Delta R.T.: -0.011 min

Response: 2276282

Conc: 19.53 ug/ml



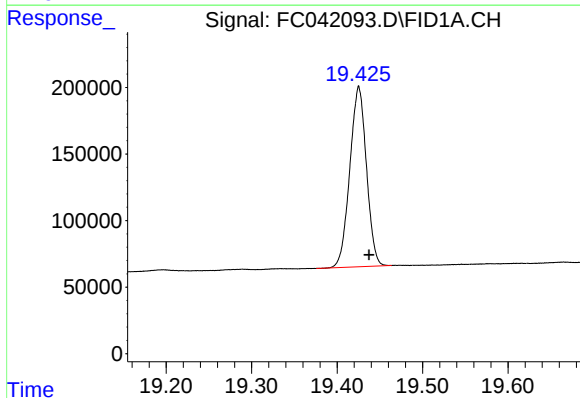
#18 n-Dotriacontane (C32)

R.T.: 18.644 min

Delta R.T.: -0.013 min

Response: 2153200

Conc: 19.94 ug/ml



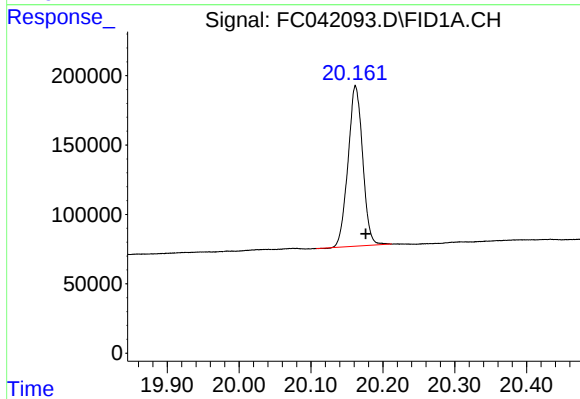
#19 n-Tetratriacontane (C34)

R.T.: 19.425 min

Delta R.T.: -0.012 min

Response: 1826916

Conc: 21.23 ug/ml



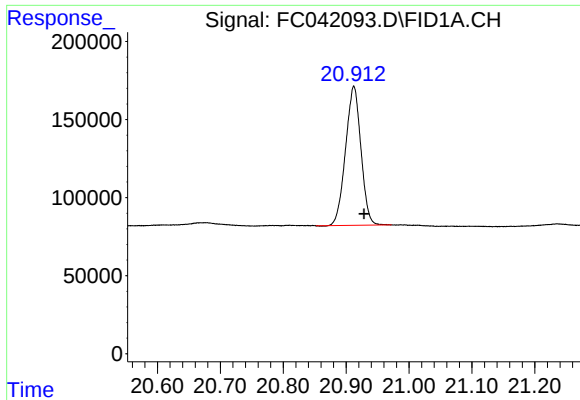
#20 n-Hexatriacontane (C36)

R.T.: 20.162 min

Delta R.T.: -0.014 min

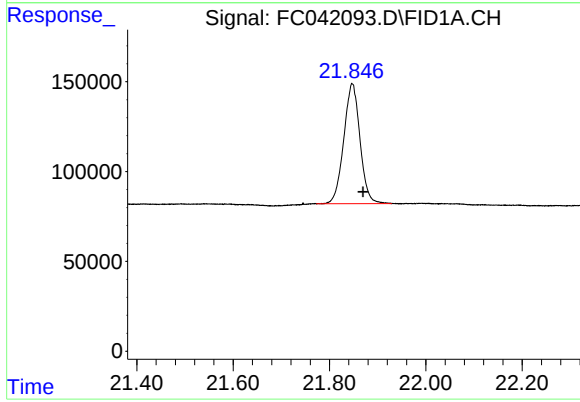
Response: 1628638

Conc: 21.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.912 min  
Delta R.T.: -0.016 min  
Response: 1513964  
Conc: 22.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.847 min  
Delta R.T.: -0.023 min  
Response: 1567803  
Conc: 23.21 ug/ml