

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC112921AL\  
 Data File : FC057101.D  
 Signal(s) : FID1A.CH  
 Acq On : 29 Nov 2021 11:37  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 29 23:59:16 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 111921.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 19 00:52:49 2021  
 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)    | 11.594 | 2179161    | 18.778 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.56%       |
| 12) S 1-chlorooctadecane (S... | 13.027 | 1693492    | 18.602 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.20%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.358  | 2002631    | 19.763 ug/ml |
| 2) T n-Decane (C10)            | 4.424  | 2010622    | 20.078 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.013  | 2208049    | 19.774 ug/ml |
| 4) T n-Dodecane (C12)          | 6.440  | 2028239    | 20.004 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.070  | 2225305    | 20.182 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.235  | 2019748    | 19.934 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.834  | 2018233    | 19.668 ug/ml |
| 8) T n-Octadecane (C18)        | 11.275 | 2073674    | 19.355 ug/ml |
| 10) T n-Eicosane (C20)         | 12.583 | 2032536    | 19.004 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.194 | 2030575    | 18.751 ug/ml |
| 13) T n-Docosane (C22)         | 13.779 | 1987630    | 18.553 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.879 | 1937253    | 17.895 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.895 | 1852186    | 17.389 ug/ml |
| 16) T n-Octacosane (C28)       | 16.843 | 1785112    | 16.736 ug/ml |
| 17) T n-Tricontane (C30)       | 17.727 | 1724790    | 16.182 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.557 | 1677152    | 15.900 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.338 | 1711577    | 16.475 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.074 | 1723404    | 17.062 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.805 | 1743098    | 18.989 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.714 | 1898424    | 21.074 ug/ml |
| -----                          |        |            |              |

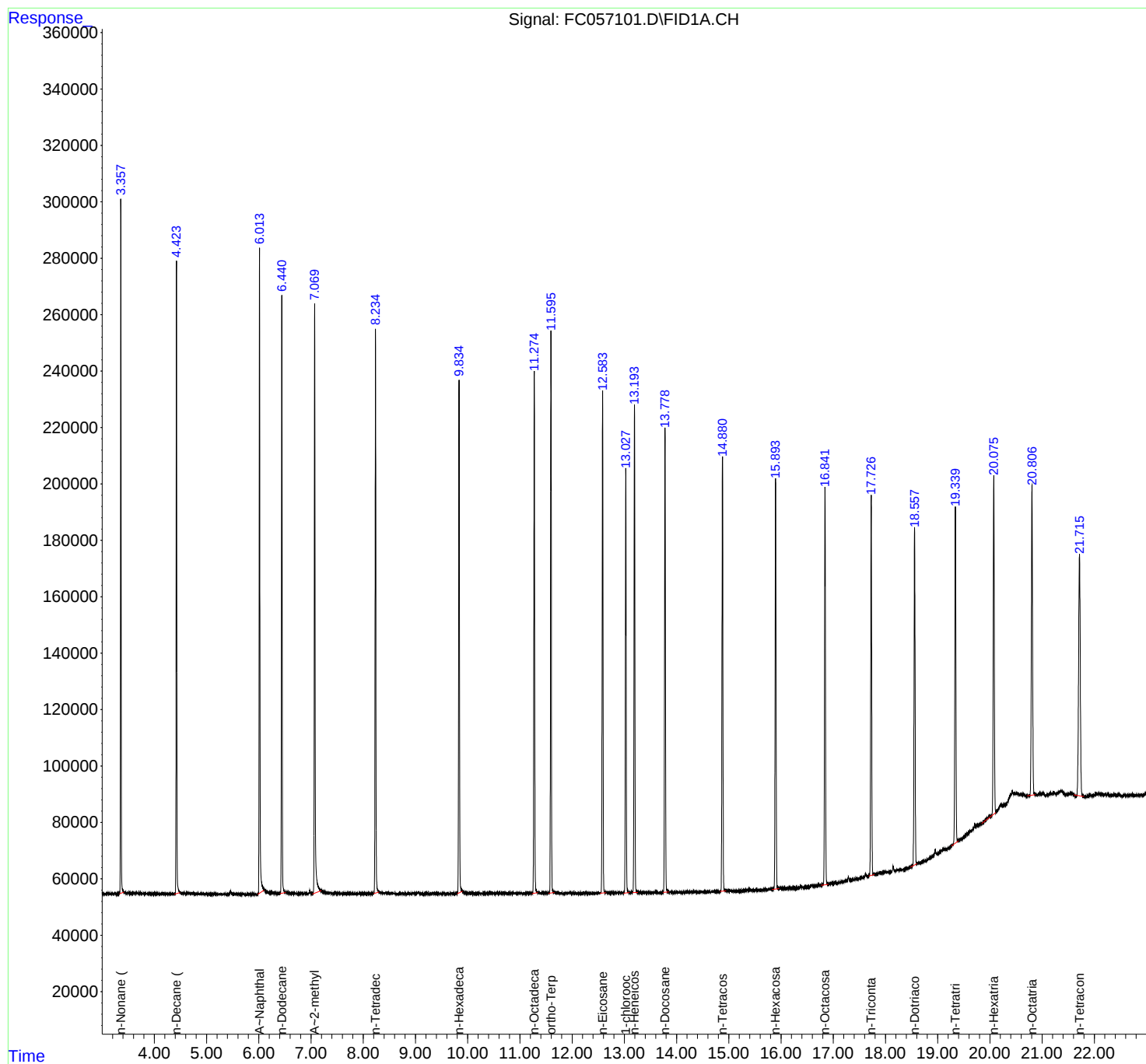
(f)=RT Delta > 1/2 Window

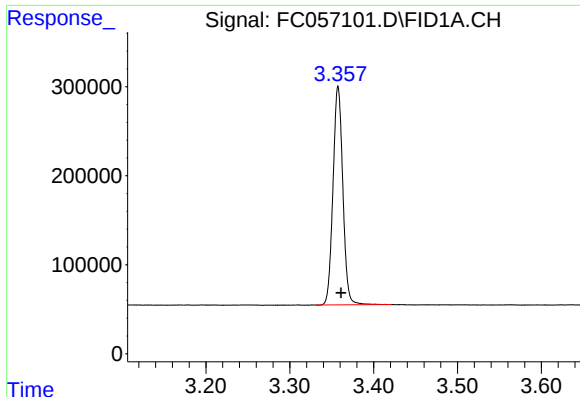
(m)=manual int.

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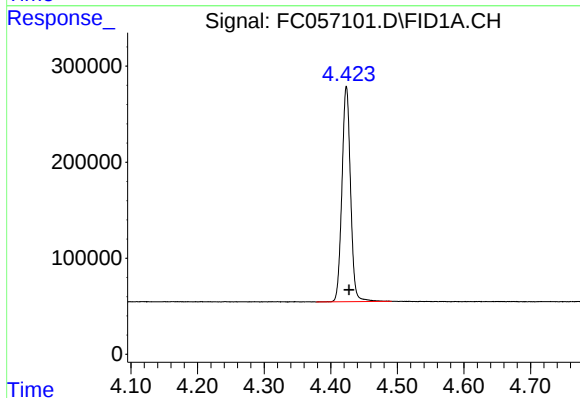
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





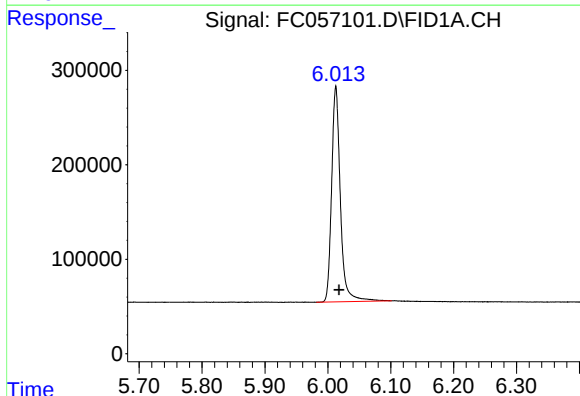
#1 n-Nonane (C9)

R.T.: 3.358 min  
Delta R.T.: -0.003 min  
Response: 2002631  
Conc: 19.76 ug/ml



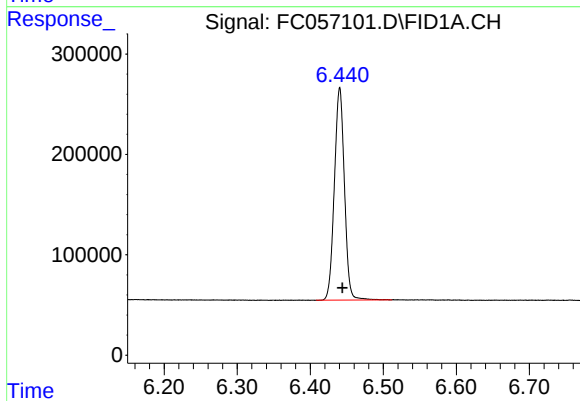
#2 n-Decane (C10)

R.T.: 4.424 min  
Delta R.T.: -0.004 min  
Response: 2010622  
Conc: 20.08 ug/ml



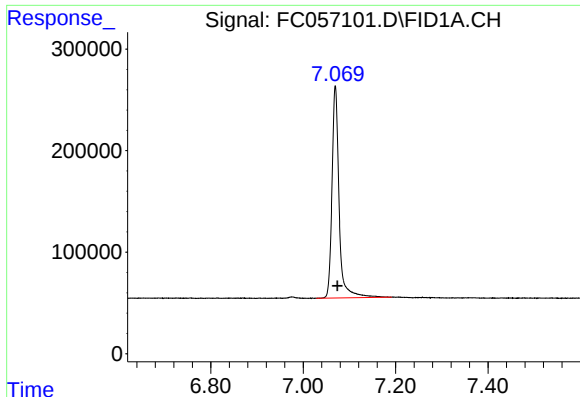
#3 A~Naphthalene (C11.7)

R.T.: 6.013 min  
Delta R.T.: -0.005 min  
Response: 2208049  
Conc: 19.77 ug/ml



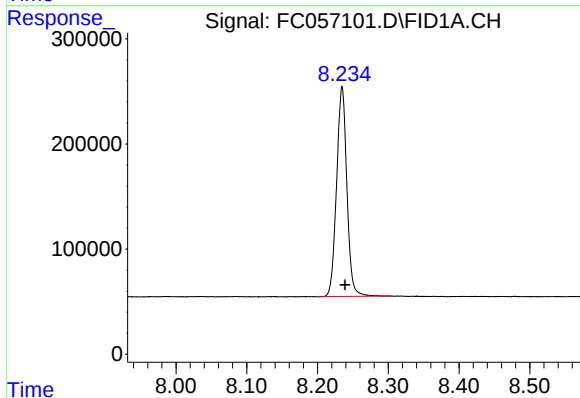
#4 n-Dodecane (C12)

R.T.: 6.440 min  
Delta R.T.: -0.004 min  
Response: 2028239  
Conc: 20.00 ug/ml



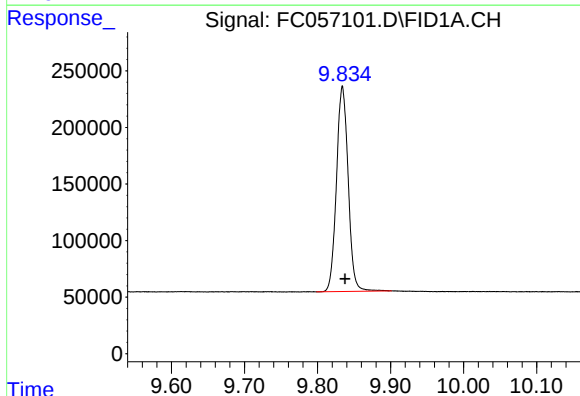
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.070 min  
Delta R.T.: -0.004 min  
Response: 2225305  
Conc: 20.18 ug/ml



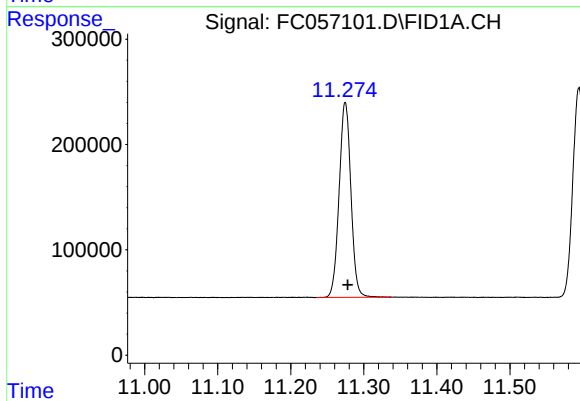
#6 n-Tetradecane (C14)

R.T.: 8.235 min  
Delta R.T.: -0.004 min  
Response: 2019748  
Conc: 19.93 ug/ml



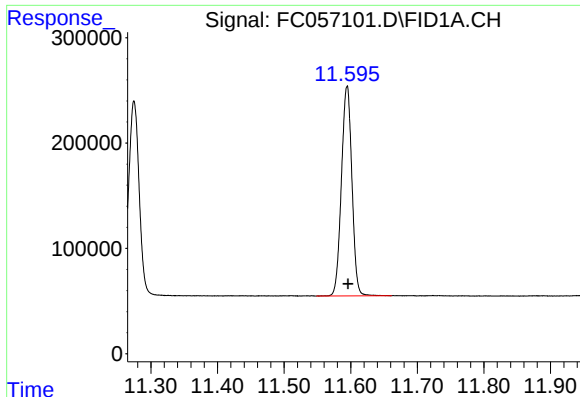
#7 n-Hexadecane (C16)

R.T.: 9.834 min  
Delta R.T.: -0.003 min  
Response: 2018233  
Conc: 19.67 ug/ml



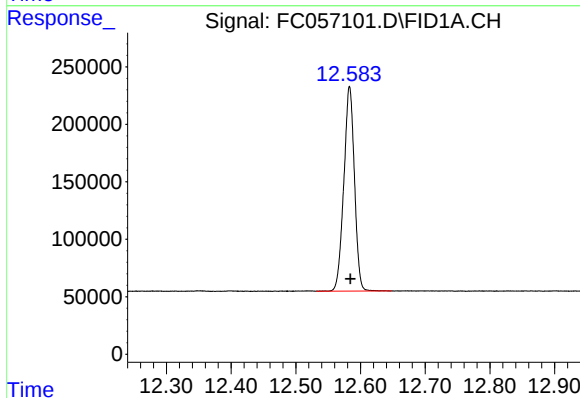
#8 n-Octadecane (C18)

R.T.: 11.275 min  
Delta R.T.: -0.003 min  
Response: 2073674  
Conc: 19.36 ug/ml



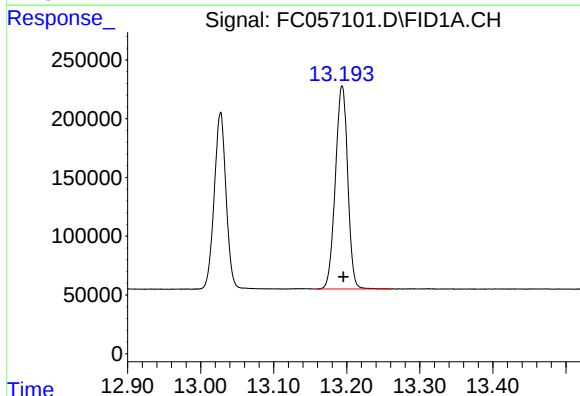
#9 ortho-Terphenyl (SURR)

R.T.: 11.594 min  
Delta R.T.: -0.001 min  
Response: 2179161  
Conc: 18.78 ug/ml



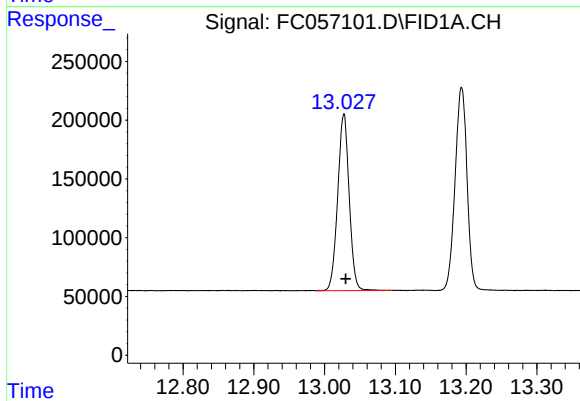
#10 n-Eicosane (C20)

R.T.: 12.583 min  
Delta R.T.: -0.001 min  
Response: 2032536  
Conc: 19.00 ug/ml



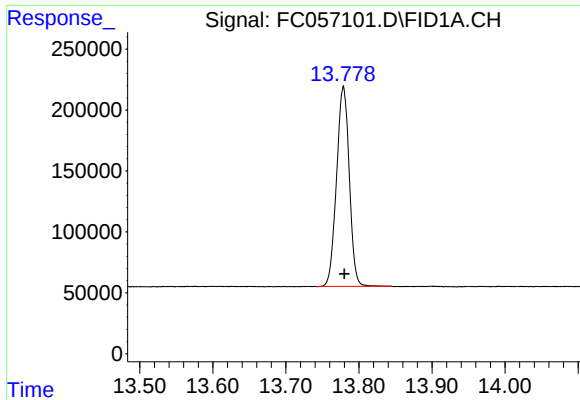
#11 n-Heneicosane (C21)

R.T.: 13.194 min  
Delta R.T.: -0.002 min  
Response: 2030575  
Conc: 18.75 ug/ml



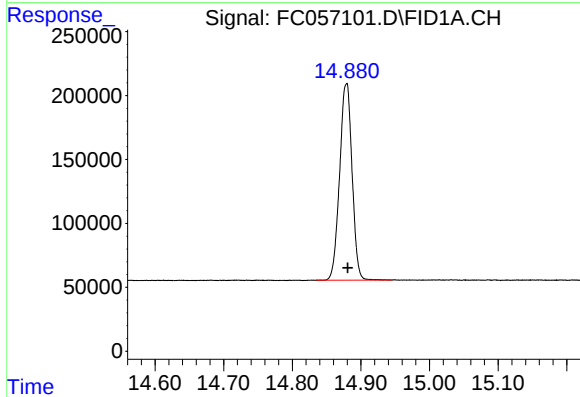
#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min  
Delta R.T.: -0.003 min  
Response: 1693492  
Conc: 18.60 ug/ml



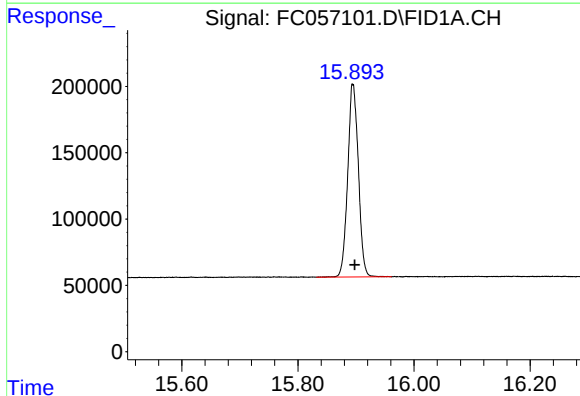
#13 n-Docosane (C22)

R.T.: 13.779 min  
Delta R.T.: -0.001 min  
Response: 1987630  
Conc: 18.55 ug/ml



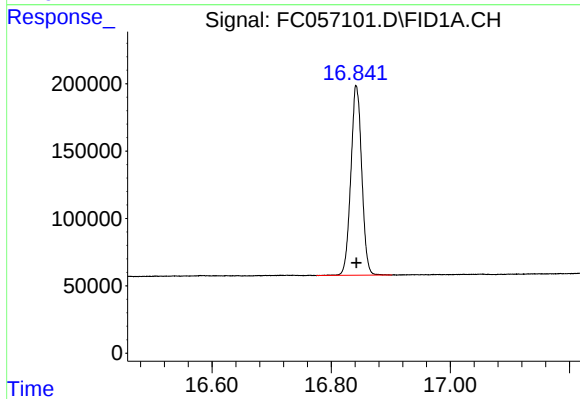
#14 n-Tetracosane (C24)

R.T.: 14.879 min  
Delta R.T.: -0.002 min  
Response: 1937253  
Conc: 17.90 ug/ml



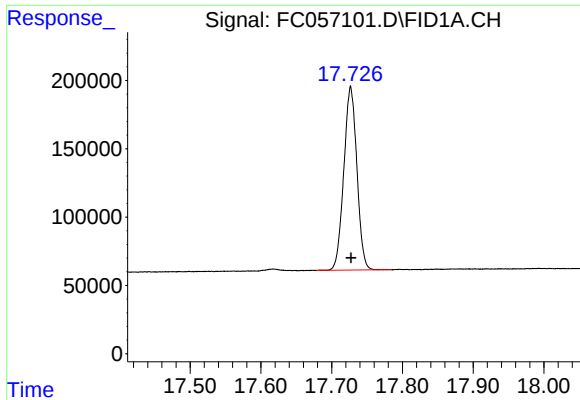
#15 n-Hexacosane (C26)

R.T.: 15.895 min  
Delta R.T.: -0.003 min  
Response: 1852186  
Conc: 17.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.843 min  
Delta R.T.: 0.000 min  
Response: 1785112  
Conc: 16.74 ug/ml



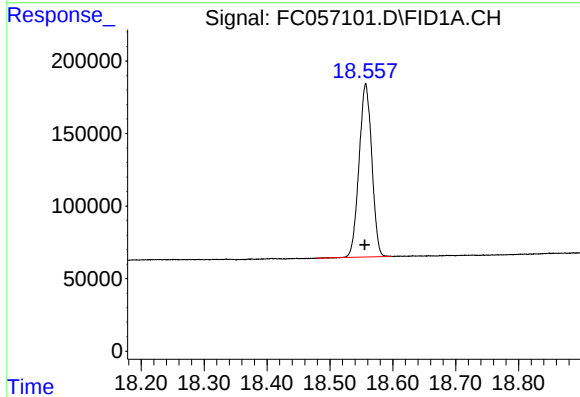
#17 n-Tricontane (C30)

R.T.: 17.727 min

Delta R.T.: 0.000 min

Response: 1724790

Conc: 16.18 ug/ml



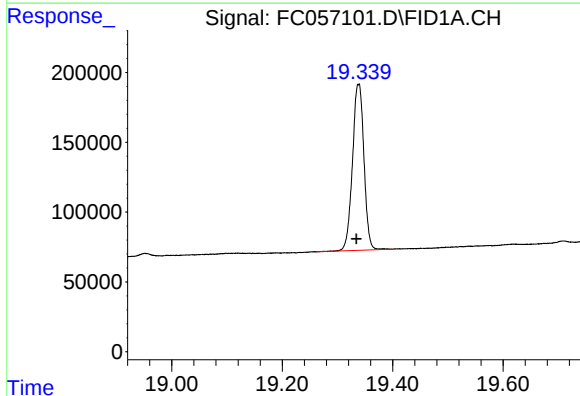
#18 n-Dotriacontane (C32)

R.T.: 18.557 min

Delta R.T.: 0.002 min

Response: 1677152

Conc: 15.90 ug/ml



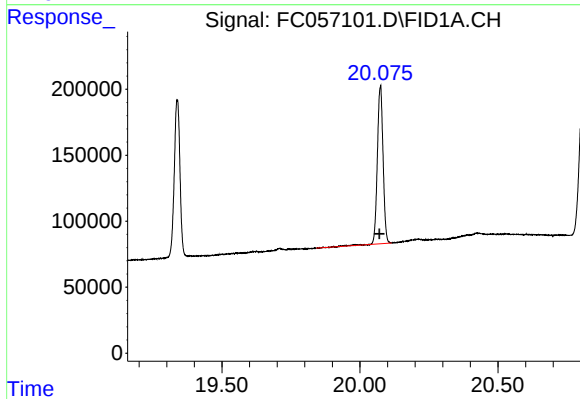
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min

Delta R.T.: 0.004 min

Response: 1711577

Conc: 16.48 ug/ml



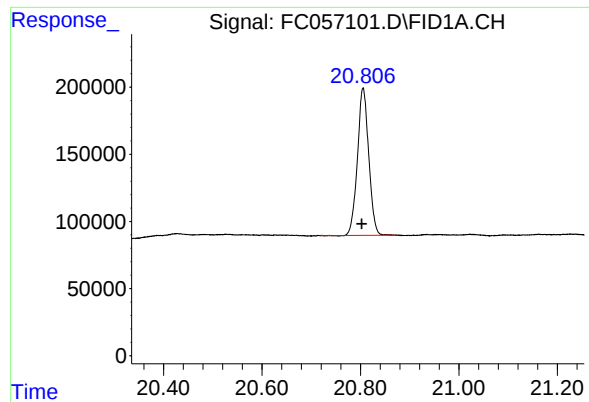
#20 n-Hexatriacontane (C36)

R.T.: 20.074 min

Delta R.T.: 0.003 min

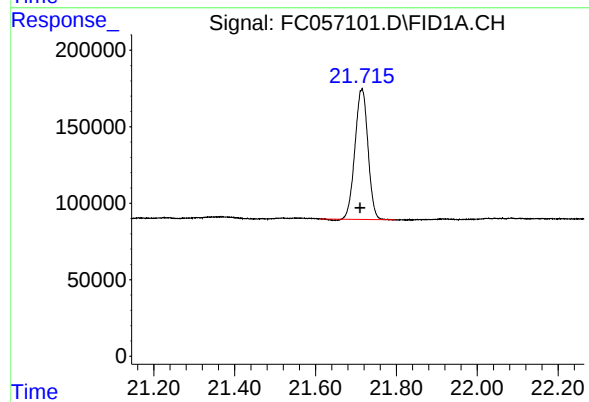
Response: 1723404

Conc: 17.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.805 min  
Delta R.T.: 0.003 min  
Response: 1743098  
Conc: 18.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.714 min  
Delta R.T.: 0.004 min  
Response: 1898424  
Conc: 21.07 ug/ml