

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121021AL\  
 Data File : FC057379.D  
 Signal(s) : FID1A.CH  
 Acq On : 11 Dec 2021 5:21  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 11 05:38:27 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 120921.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 09 22:19:01 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)    | 11.578 | 2199185    | 21.794 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.59%       |
| 12) S 1-chlorooctadecane (S... | 13.009 | 1676607    | 22.080 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.16%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.341  | 2026584    | 21.542 ug/ml |
| 2) T n-Decane (C10)            | 4.407  | 2064893    | 22.061 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.999  | 2187531    | 22.260 ug/ml |
| 4) T n-Dodecane (C12)          | 6.424  | 2065065    | 21.615 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.055  | 2182075    | 22.302 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.217  | 2084766    | 21.702 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.816  | 2117900    | 21.850 ug/ml |
| 8) T n-Octadecane (C18)        | 11.256 | 2122141    | 21.543 ug/ml |
| 10) T n-Eicosane (C20)         | 12.564 | 2080267    | 21.616 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.174 | 2056984    | 21.508 ug/ml |
| 13) T n-Docosane (C22)         | 13.759 | 2041742    | 21.904 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.860 | 1976871    | 21.528 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.879 | 1902958    | 22.014 ug/ml |
| 16) T n-Octacosane (C28)       | 16.827 | 1856367    | 21.770 ug/ml |
| 17) T n-Tricontane (C30)       | 17.713 | 1820582    | 21.778 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.542 | 1767346    | 21.609 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.325 | 1833132    | 22.338 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.062 | 1766417    | 22.147 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.795 | 2059311    | 27.121 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.696 | 1963764    | 26.272 ug/ml |
| -----                          |        |            |              |

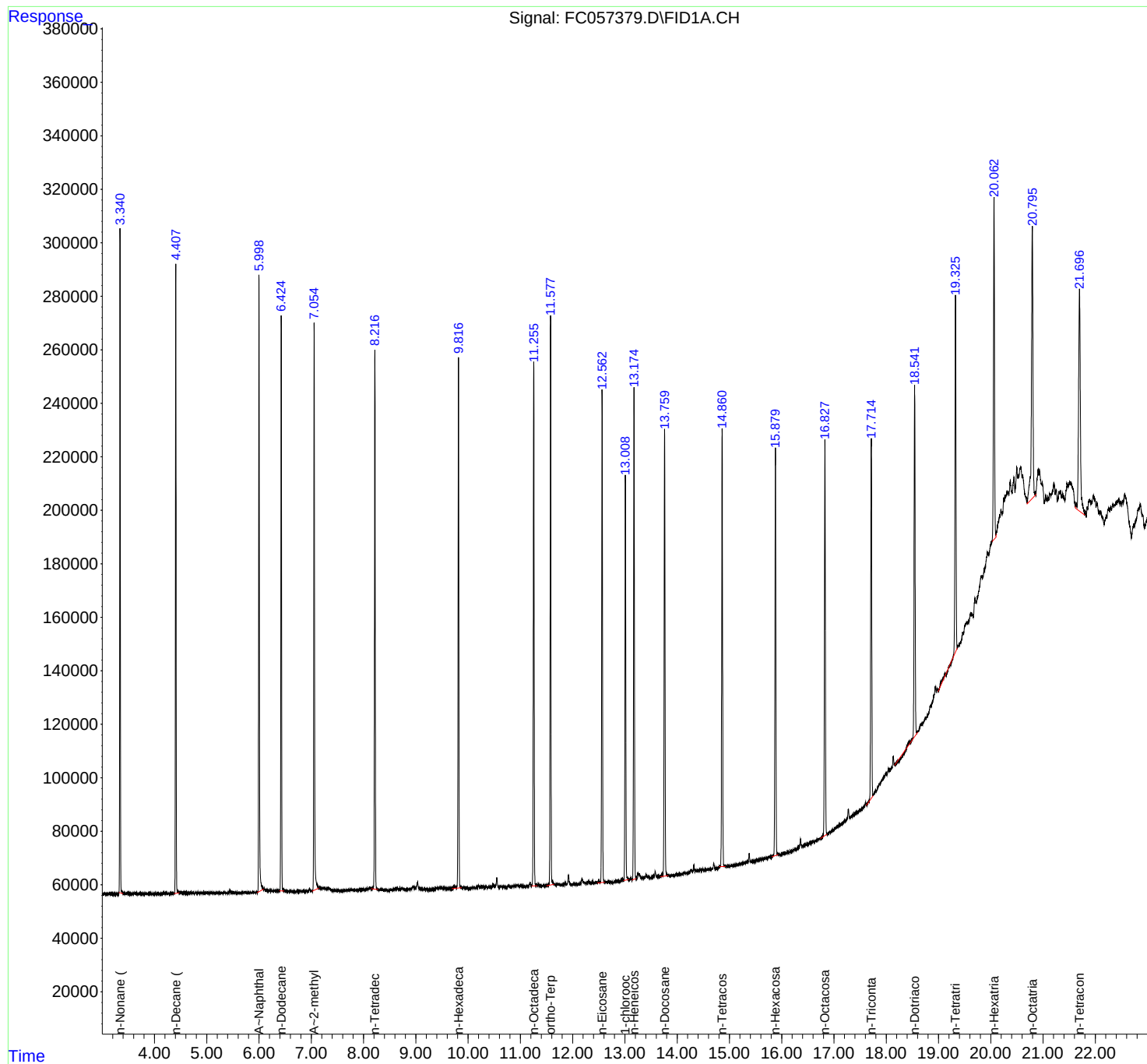
(f)=RT Delta > 1/2 Window

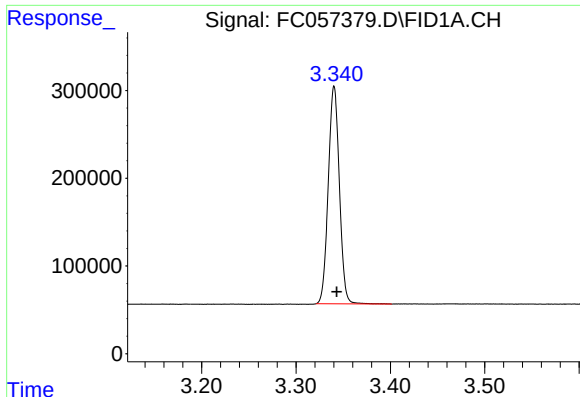
(m)=manual int.

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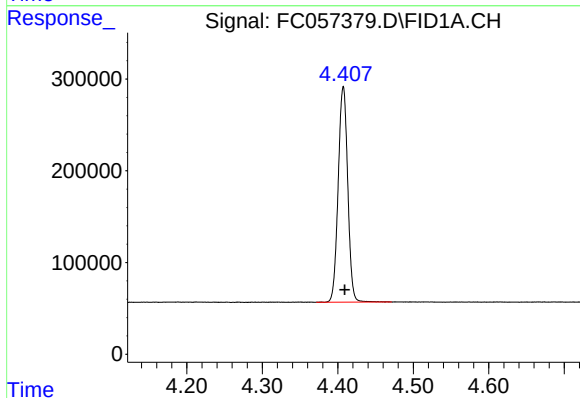
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





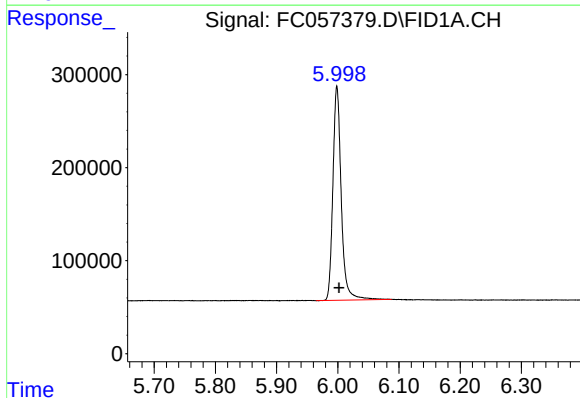
#1 n-Nonane (C9)

R.T.: 3.341 min  
Delta R.T.: -0.002 min  
Response: 2026584  
Conc: 21.54 ug/ml



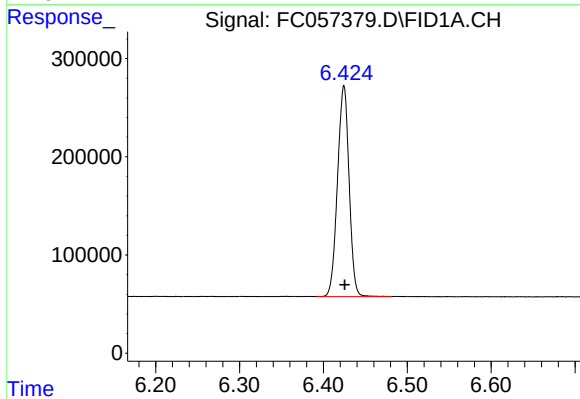
#2 n-Decane (C10)

R.T.: 4.407 min  
Delta R.T.: -0.002 min  
Response: 2064893  
Conc: 22.06 ug/ml



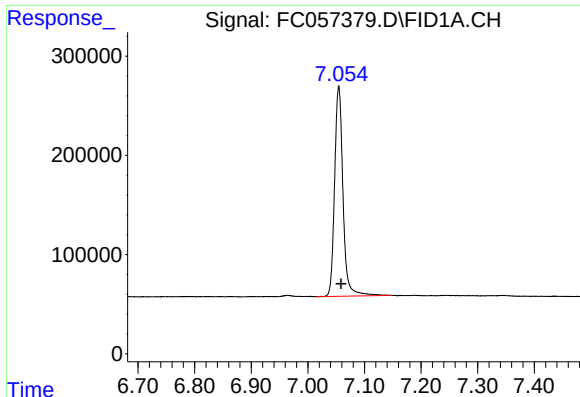
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min  
Delta R.T.: -0.003 min  
Response: 2187531  
Conc: 22.26 ug/ml



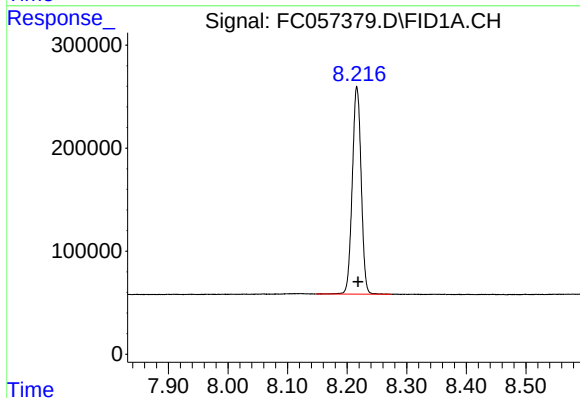
#4 n-Dodecane (C12)

R.T.: 6.424 min  
Delta R.T.: -0.001 min  
Response: 2065065  
Conc: 21.62 ug/ml



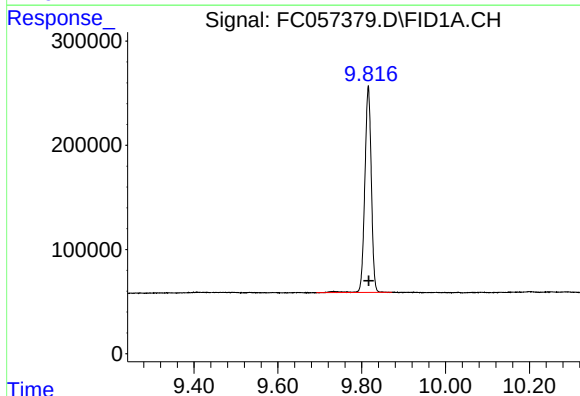
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.055 min  
Delta R.T.: -0.004 min  
Response: 2182075  
Conc: 22.30 ug/ml



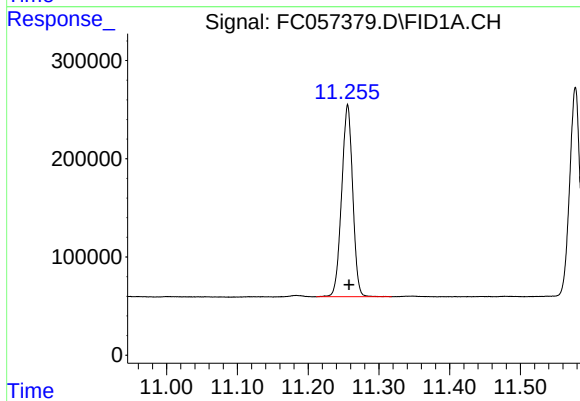
#6 n-Tetradecane (C14)

R.T.: 8.217 min  
Delta R.T.: -0.002 min  
Response: 2084766  
Conc: 21.70 ug/ml



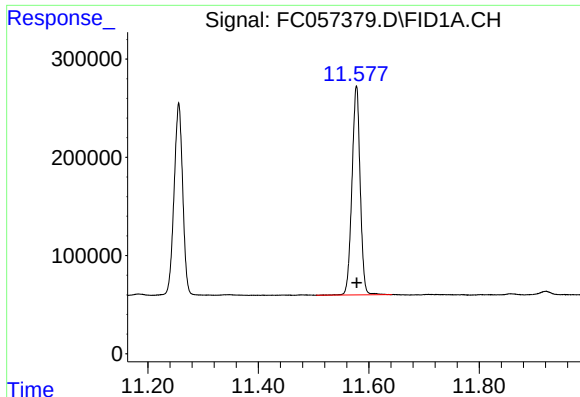
#7 n-Hexadecane (C16)

R.T.: 9.816 min  
Delta R.T.: -0.001 min  
Response: 2117900  
Conc: 21.85 ug/ml



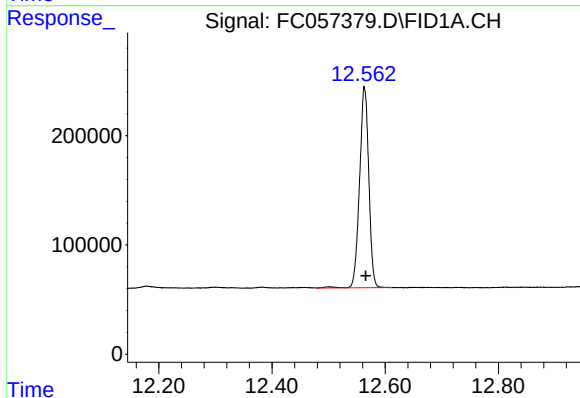
#8 n-Octadecane (C18)

R.T.: 11.256 min  
Delta R.T.: -0.002 min  
Response: 2122141  
Conc: 21.54 ug/ml



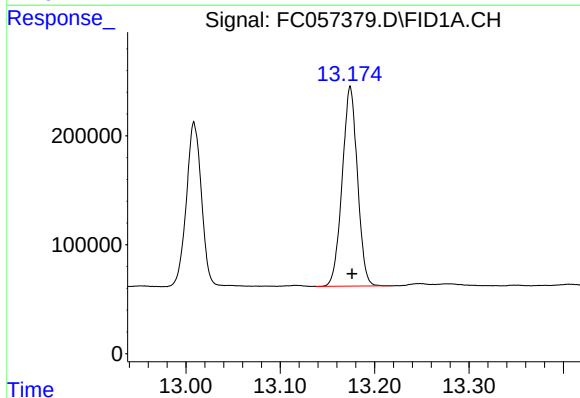
#9 ortho-Terphenyl (SURR)

R.T.: 11.578 min  
Delta R.T.: 0.000 min  
Response: 2199185  
Conc: 21.79 ug/ml



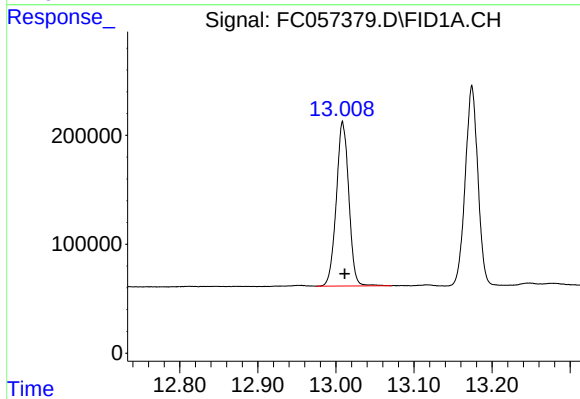
#10 n-Eicosane (C20)

R.T.: 12.564 min  
Delta R.T.: -0.002 min  
Response: 2080267  
Conc: 21.62 ug/ml



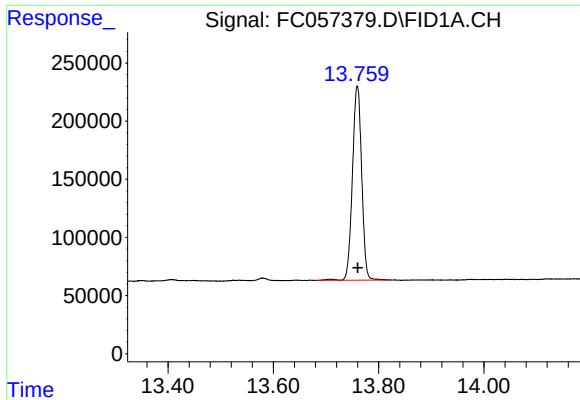
#11 n-Heneicosane (C21)

R.T.: 13.174 min  
Delta R.T.: -0.002 min  
Response: 2056984  
Conc: 21.51 ug/ml



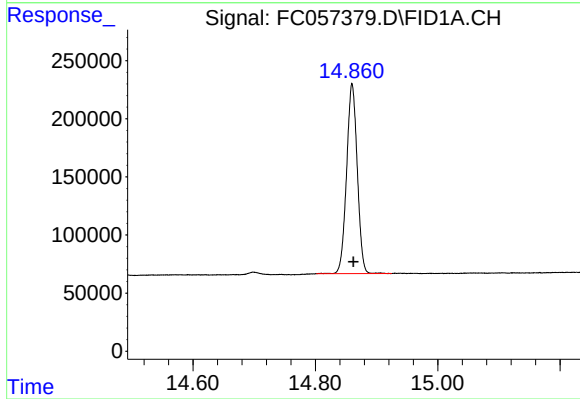
#12 1-chlorooctadecane (SURR)

R.T.: 13.009 min  
Delta R.T.: -0.002 min  
Response: 1676607  
Conc: 22.08 ug/ml



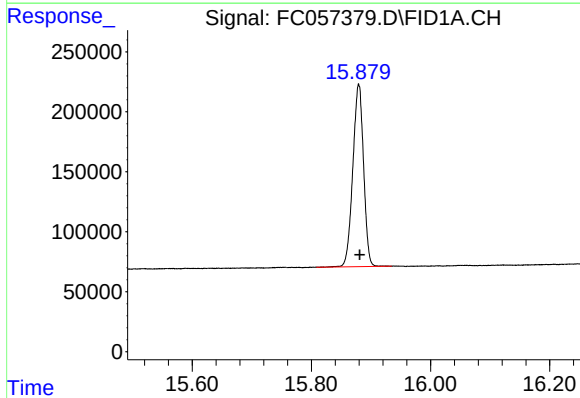
#13 n-Docosane (C22)

R.T.: 13.759 min  
Delta R.T.: -0.001 min  
Response: 2041742  
Conc: 21.90 ug/ml



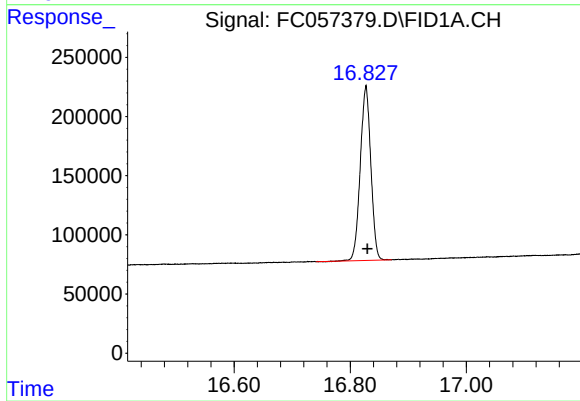
#14 n-Tetracosane (C24)

R.T.: 14.860 min  
Delta R.T.: -0.002 min  
Response: 1976871  
Conc: 21.53 ug/ml



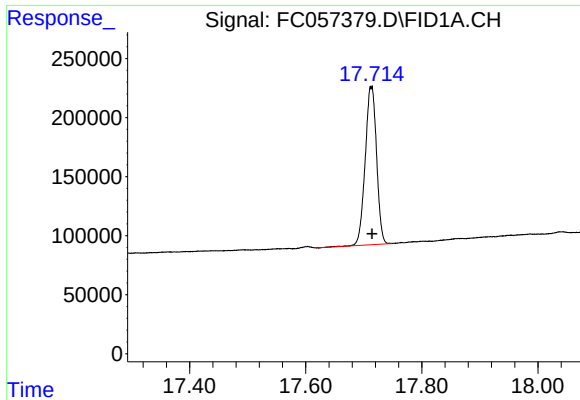
#15 n-Hexacosane (C26)

R.T.: 15.879 min  
Delta R.T.: -0.002 min  
Response: 1902958  
Conc: 22.01 ug/ml



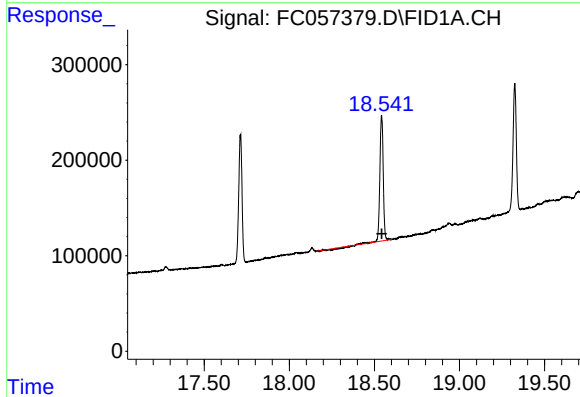
#16 n-Octacosane (C28)

R.T.: 16.827 min  
Delta R.T.: -0.003 min  
Response: 1856367  
Conc: 21.77 ug/ml



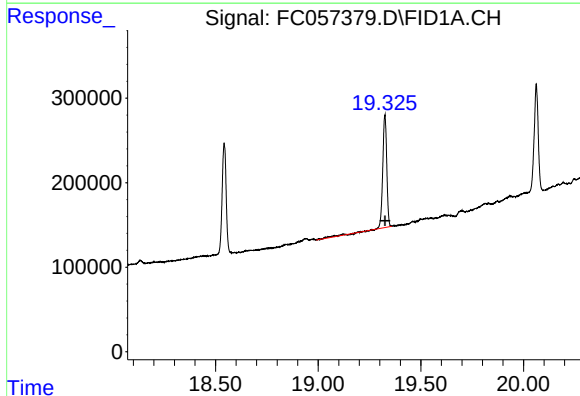
#17 n-Tricontane (C30)

R.T.: 17.713 min  
Delta R.T.: -0.001 min  
Response: 1820582  
Conc: 21.78 ug/ml



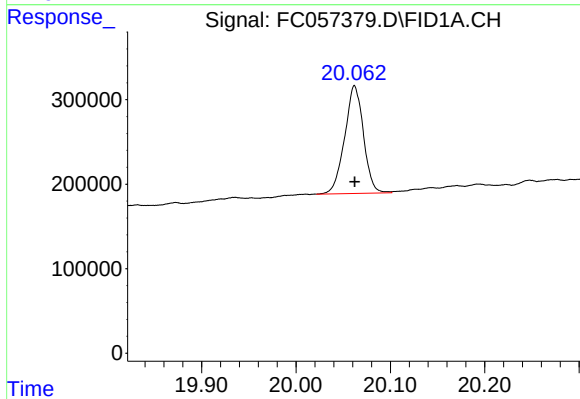
#18 n-Dotriacontane (C32)

R.T.: 18.542 min  
Delta R.T.: -0.002 min  
Response: 1767346  
Conc: 21.61 ug/ml



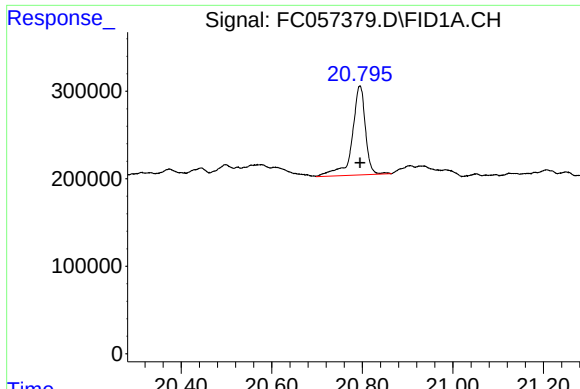
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min  
Delta R.T.: 0.000 min  
Response: 1833132  
Conc: 22.34 ug/ml



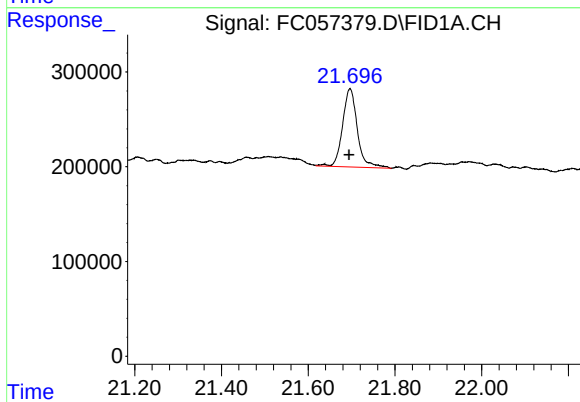
#20 n-Hexatriacontane (C36)

R.T.: 20.062 min  
Delta R.T.: 0.000 min  
Response: 1766417  
Conc: 22.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.795 min  
Delta R.T.: 0.000 min  
Response: 2059311  
Conc: 27.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.696 min  
Delta R.T.: 0.002 min  
Response: 1963764  
Conc: 26.27 ug/ml