

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022820AL\  
 Data File : FC046000.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Feb 2020 9:44  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 28 23:23:48 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 022120.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Feb 22 03:16:45 2020  
 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)    | 11.766 | 2333048    | 20.451 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.90%       |
| 12) S 1-chlorooctadecane (S... | 13.186 | 1802673    | 20.095 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.19%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.535  | 2188509    | 21.711 ug/ml |
| 2) T n-Decane (C10)            | 4.605  | 2217090    | 21.981 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.206  | 2427515    | 21.862 ug/ml |
| 4) T n-Dodecane (C12)          | 6.618  | 2236102    | 21.918 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.258  | 2447464    | 22.002 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.405  | 2236710    | 21.850 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.998  | 2225131    | 21.491 ug/ml |
| 8) T n-Octadecane (C18)        | 11.435 | 2211675    | 21.039 ug/ml |
| 10) T n-Eicosane (C20)         | 12.739 | 2163874    | 20.470 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.349 | 2153139    | 20.187 ug/ml |
| 13) T n-Docosane (C22)         | 13.933 | 2117055    | 19.924 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.032 | 2067010    | 19.313 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.047 | 1997507    | 18.794 ug/ml |
| 16) T n-Octacosane (C28)       | 16.996 | 1944685    | 18.574 ug/ml |
| 17) T n-Tricontane (C30)       | 17.879 | 1896574    | 18.820 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.709 | 1629375    | 19.038 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.490 | 1390329    | 19.156 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.227 | 1280646    | 18.937 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.993 | 1185058    | 19.606 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.961 | 1237365    | 19.681 ug/ml |
| -----                          |        |            |              |

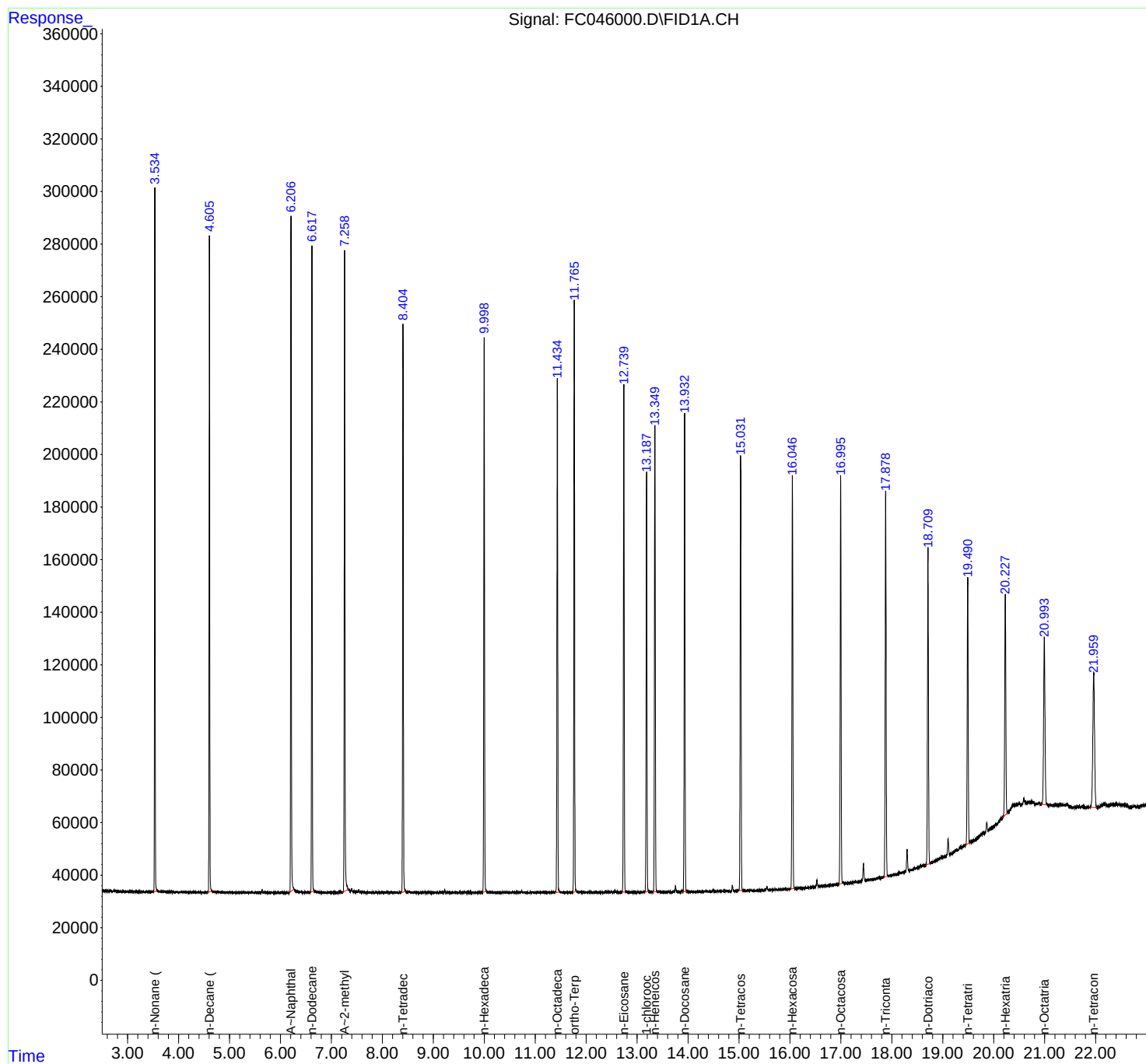
(f)=RT Delta > 1/2 Window

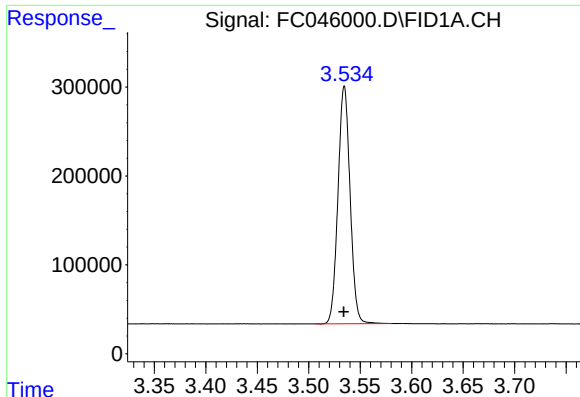
(m)=manual int.

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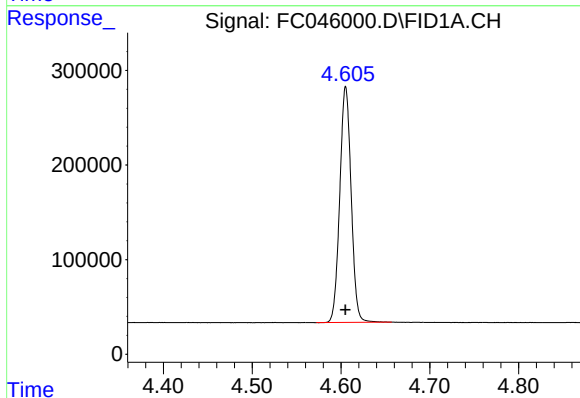
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





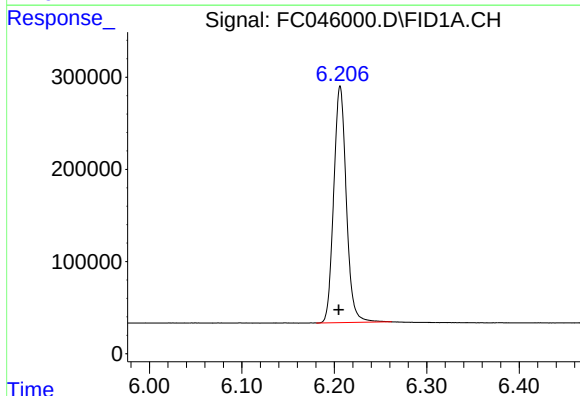
#1 n-Nonane (C9)

R.T.: 3.535 min  
Delta R.T.: 0.000 min  
Response: 2188509  
Conc: 21.71 ug/ml



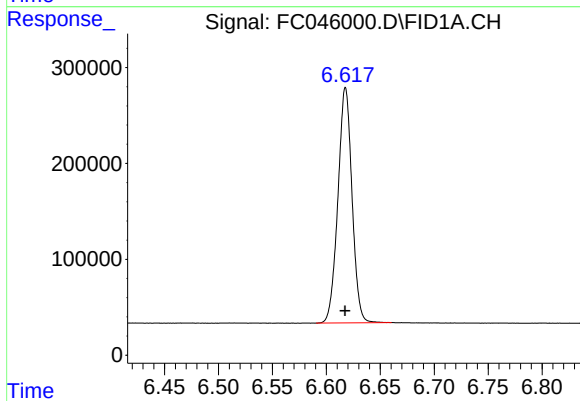
#2 n-Decane (C10)

R.T.: 4.605 min  
Delta R.T.: 0.000 min  
Response: 2217090  
Conc: 21.98 ug/ml



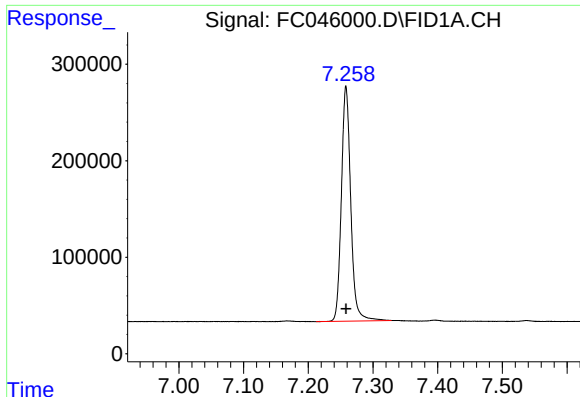
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min  
Delta R.T.: 0.001 min  
Response: 2427515  
Conc: 21.86 ug/ml



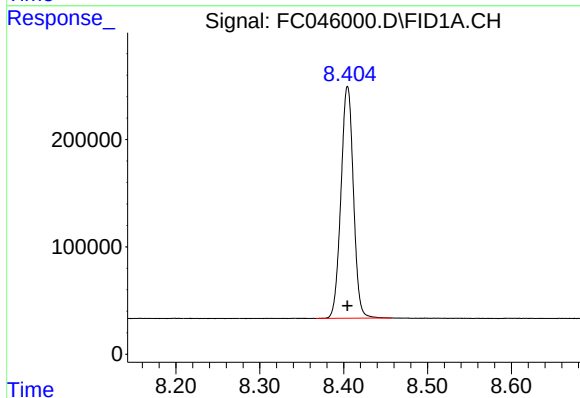
#4 n-Dodecane (C12)

R.T.: 6.618 min  
Delta R.T.: 0.000 min  
Response: 2236102  
Conc: 21.92 ug/ml



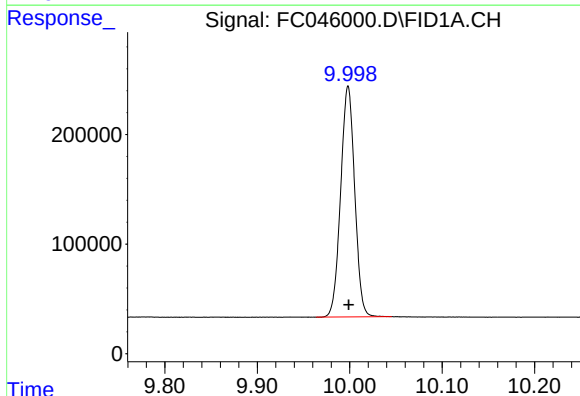
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.258 min  
Delta R.T.: 0.000 min  
Response: 2447464  
Conc: 22.00 ug/ml



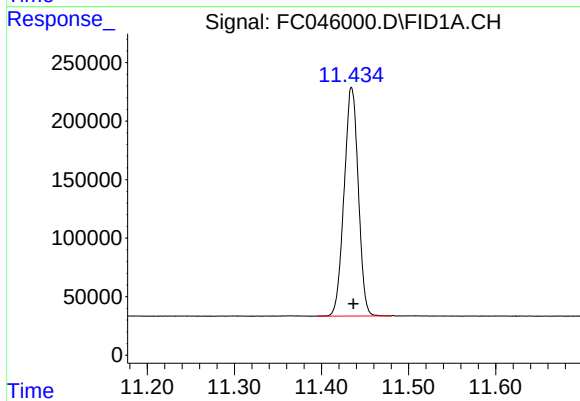
#6 n-Tetradecane (C14)

R.T.: 8.405 min  
Delta R.T.: 0.000 min  
Response: 2236710  
Conc: 21.85 ug/ml



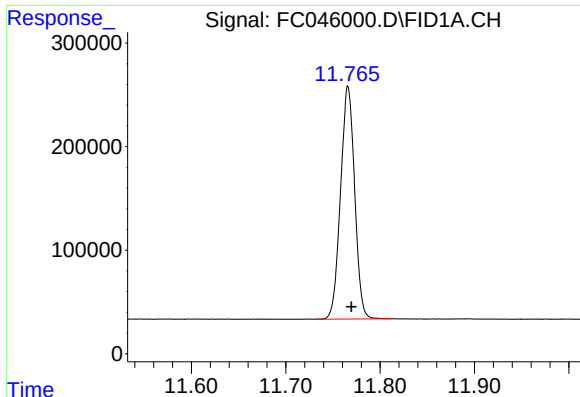
#7 n-Hexadecane (C16)

R.T.: 9.998 min  
Delta R.T.: 0.000 min  
Response: 2225131  
Conc: 21.49 ug/ml



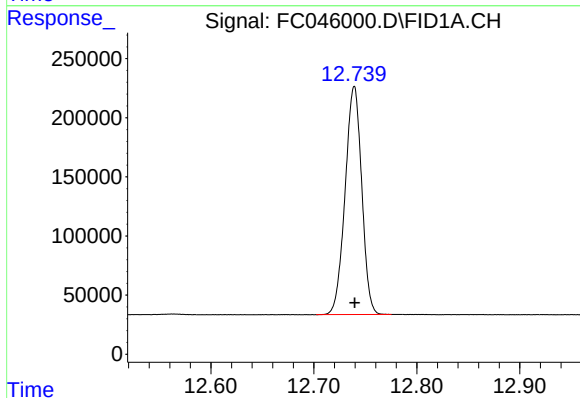
#8 n-Octadecane (C18)

R.T.: 11.435 min  
Delta R.T.: -0.002 min  
Response: 2211675  
Conc: 21.04 ug/ml



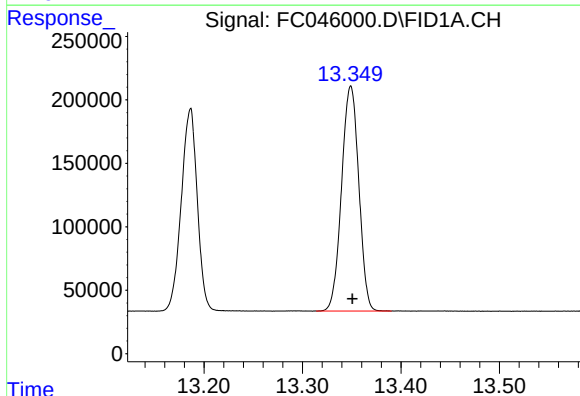
#9 ortho-Terphenyl (SURR)

R.T.: 11.766 min  
Delta R.T.: -0.004 min  
Response: 2333048  
Conc: 20.45 ug/ml



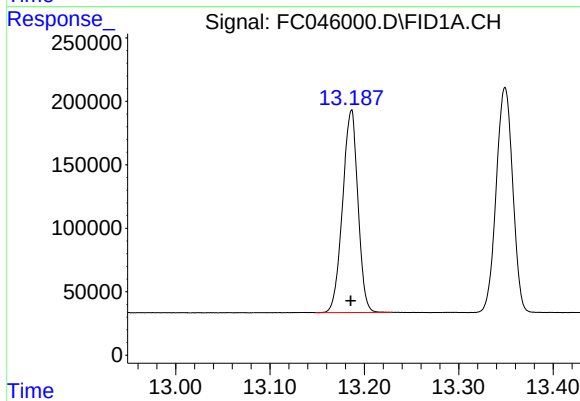
#10 n-Eicosane (C20)

R.T.: 12.739 min  
Delta R.T.: 0.000 min  
Response: 2163874  
Conc: 20.47 ug/ml



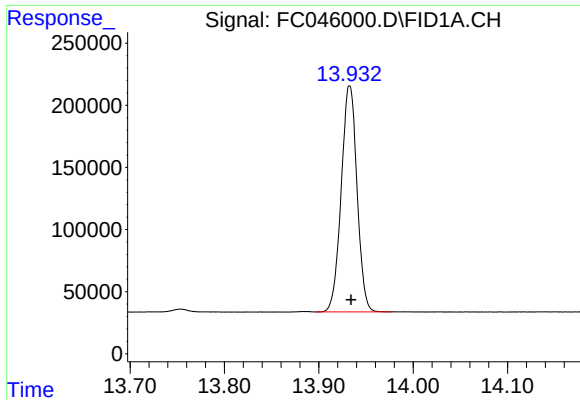
#11 n-Heneicosane (C21)

R.T.: 13.349 min  
Delta R.T.: -0.002 min  
Response: 2153139  
Conc: 20.19 ug/ml



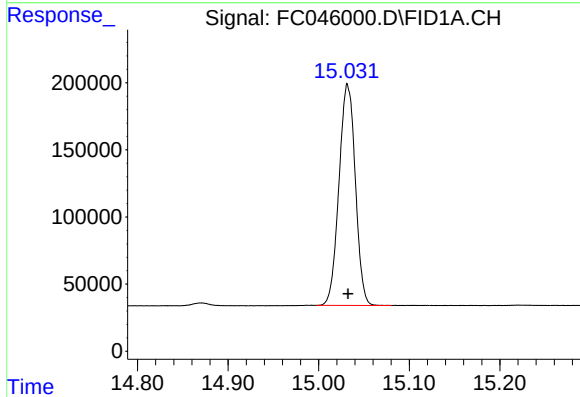
#12 1-chlorooctadecane (SURR)

R.T.: 13.186 min  
Delta R.T.: 0.000 min  
Response: 1802673  
Conc: 20.09 ug/ml



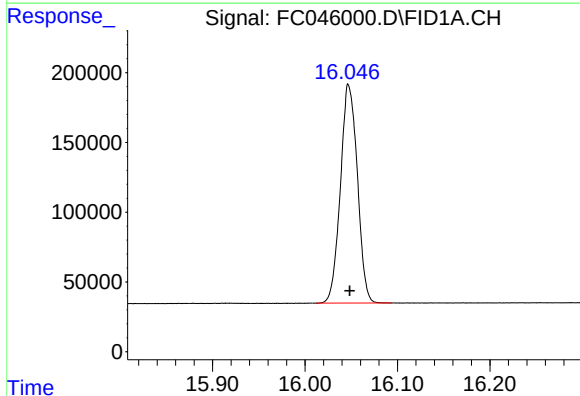
#13 n-Docosane (C22)

R.T.: 13.933 min  
Delta R.T.: -0.001 min  
Response: 2117055  
Conc: 19.92 ug/ml



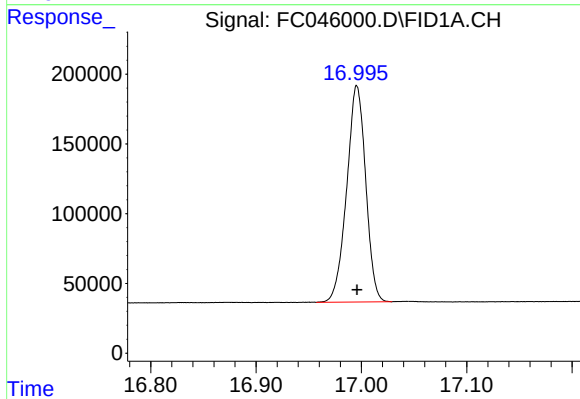
#14 n-Tetracosane (C24)

R.T.: 15.032 min  
Delta R.T.: 0.000 min  
Response: 2067010  
Conc: 19.31 ug/ml



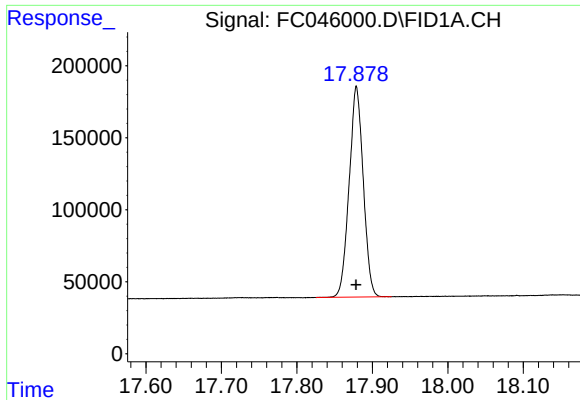
#15 n-Hexacosane (C26)

R.T.: 16.047 min  
Delta R.T.: -0.001 min  
Response: 1997507  
Conc: 18.79 ug/ml



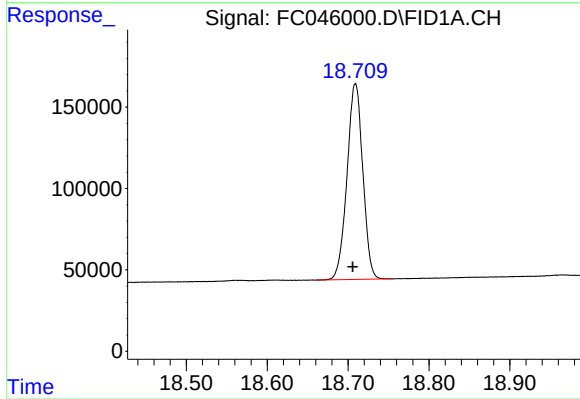
#16 n-Octacosane (C28)

R.T.: 16.996 min  
Delta R.T.: 0.000 min  
Response: 1944685  
Conc: 18.57 ug/ml



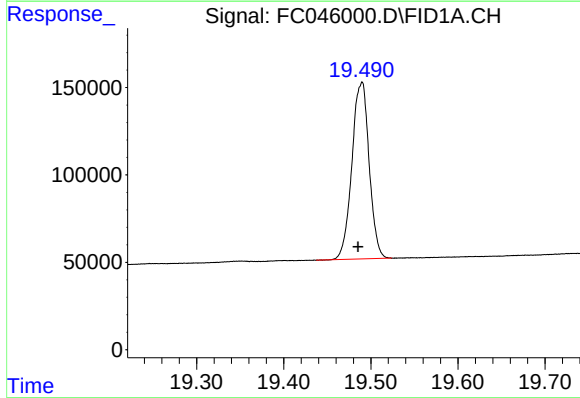
#17 n-Tricontane (C30)

R.T.: 17.879 min  
Delta R.T.: 0.000 min  
Response: 1896574  
Conc: 18.82 ug/ml



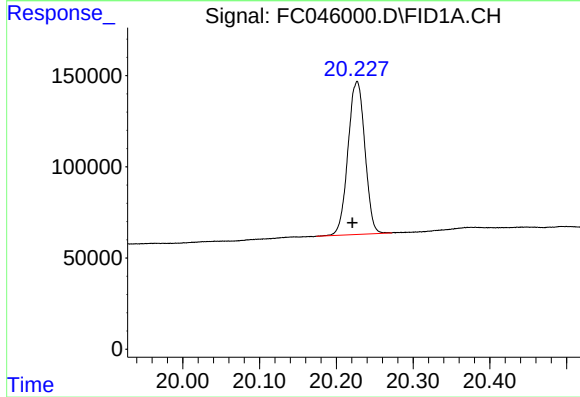
#18 n-Dotriacontane (C32)

R.T.: 18.709 min  
Delta R.T.: 0.003 min  
Response: 1629375  
Conc: 19.04 ug/ml



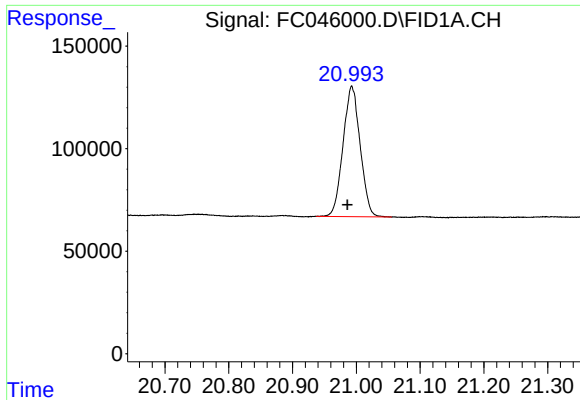
#19 n-Tetratriacontane (C34)

R.T.: 19.490 min  
Delta R.T.: 0.004 min  
Response: 1390329  
Conc: 19.16 ug/ml



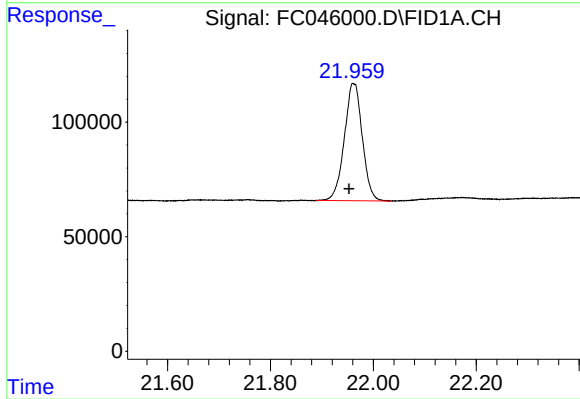
#20 n-Hexatriacontane (C36)

R.T.: 20.227 min  
Delta R.T.: 0.006 min  
Response: 1280646  
Conc: 18.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.993 min  
Delta R.T.: 0.007 min  
Response: 1185058  
Conc: 19.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.961 min  
Delta R.T.: 0.008 min  
Response: 1237365  
Conc: 19.68 ug/ml