

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041020AL\  
 Data File : FC046758.D  
 Signal(s) : FID1A.CH  
 Acq On : 10 Apr 2020 19:59  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Apr 11 01:16:02 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 032320.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 24 12:45:07 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)    | 11.762 | 2079371    | 19.022 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.04%        |
| 12) S 1-chlorooctadecane (S... | 13.178 | 1612386    | 18.710 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.42%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.544  | 2039825    | 21.240 ug/ml  |
| 2) T n-Decane (C10)            | 4.612  | 2076001    | 21.615 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.214  | 2146959    | 21.427 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.620  | 2094847    | 21.462 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.264  | 2138830    | 21.155 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.403  | 2063247    | 20.953 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.994  | 2033475    | 20.369 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.428 | 2002197    | 19.727 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.731 | 1957278    | 19.146 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.340 | 1940251    | 18.818 ug/ml  |
| 13) T n-Docosane (C22)         | 13.924 | 1923946    | 18.742 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.022 | 1936662    | 18.761 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.039 | 1899858    | 18.517 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.984 | 1896162    | 18.631 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.868 | 1912961    | 19.525 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.696 | 1592173    | 18.991 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.474 | 1369932    | 19.121 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.212 | 1330223    | 18.989 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.977 | 1244575    | 19.723 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.939 | 1364637    | 19.720 ug/mlm |
| -----                          |        |            |               |

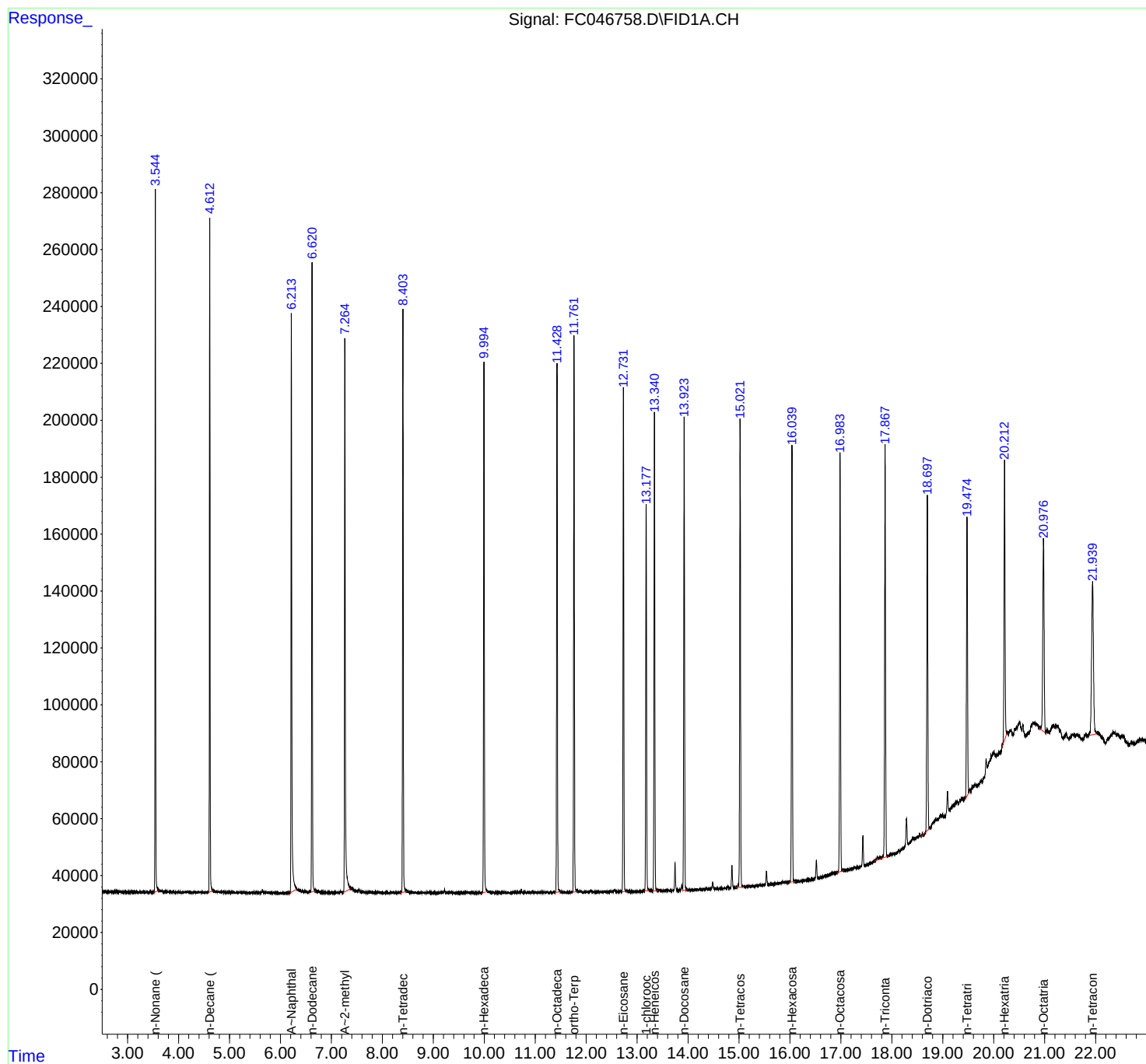
(f)=RT Delta > 1/2 Window

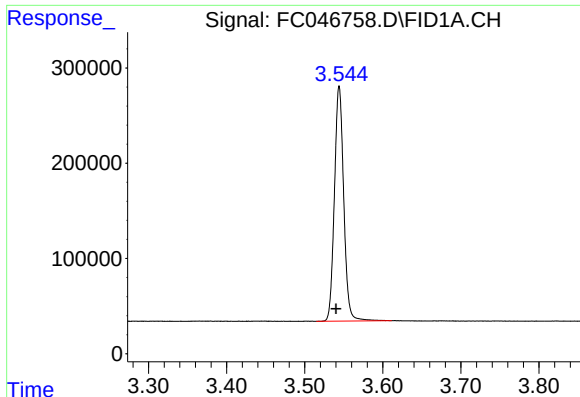
(m)=manual int.

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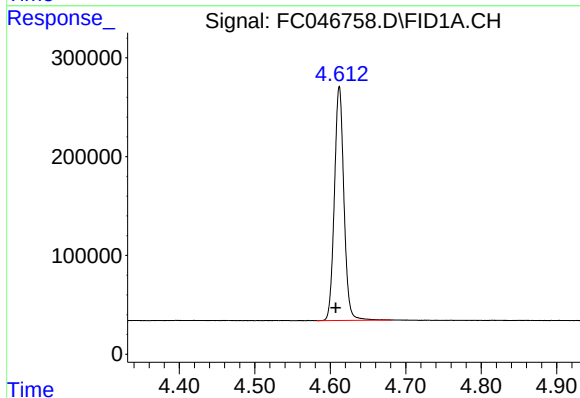
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





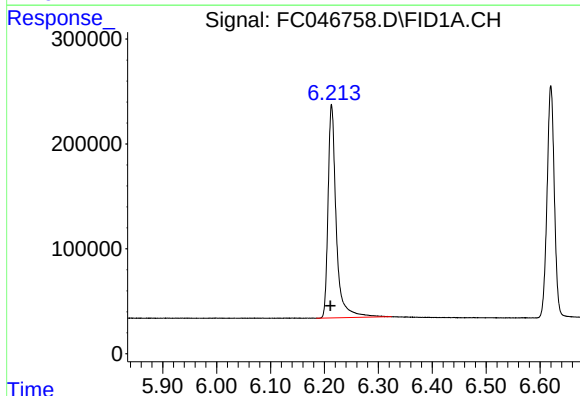
#1 n-Nonane (C9)

R.T.: 3.544 min  
Delta R.T.: 0.004 min  
Response: 2039825  
Conc: 21.24 ug/ml



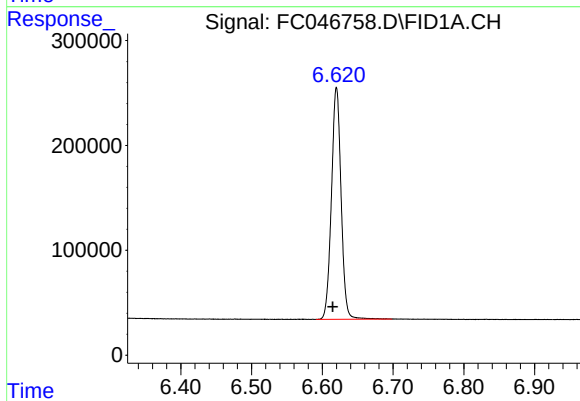
#2 n-Decane (C10)

R.T.: 4.612 min  
Delta R.T.: 0.005 min  
Response: 2076001  
Conc: 21.61 ug/ml



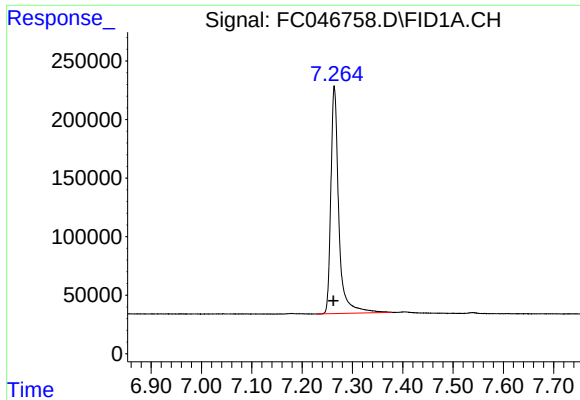
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min  
Delta R.T.: 0.002 min  
Response: 2146959  
Conc: 21.43 ug/ml



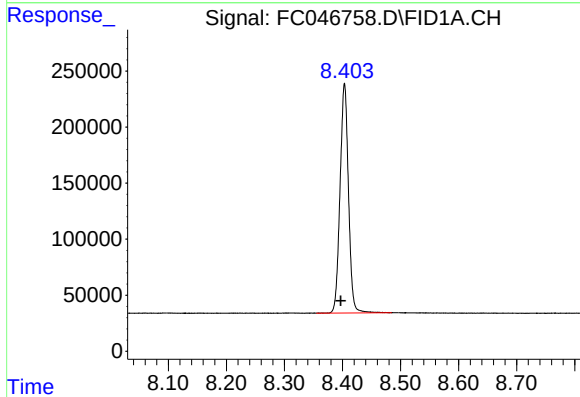
#4 n-Dodecane (C12)

R.T.: 6.620 min  
Delta R.T.: 0.006 min  
Response: 2094847  
Conc: 21.46 ug/ml



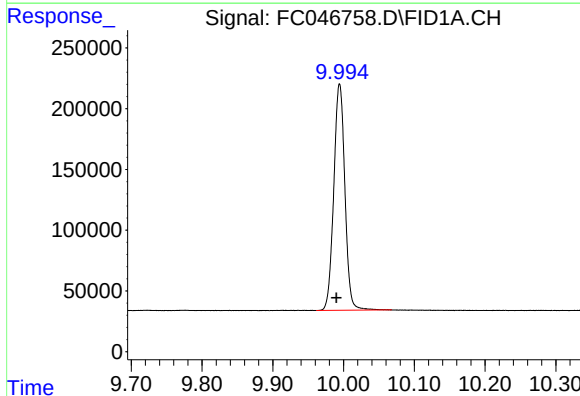
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.264 min  
Delta R.T.: 0.002 min  
Response: 2138830  
Conc: 21.16 ug/ml



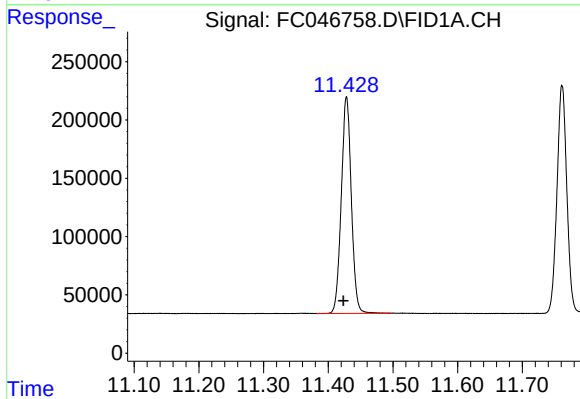
#6 n-Tetradecane (C14)

R.T.: 8.403 min  
Delta R.T.: 0.006 min  
Response: 2063247  
Conc: 20.95 ug/ml



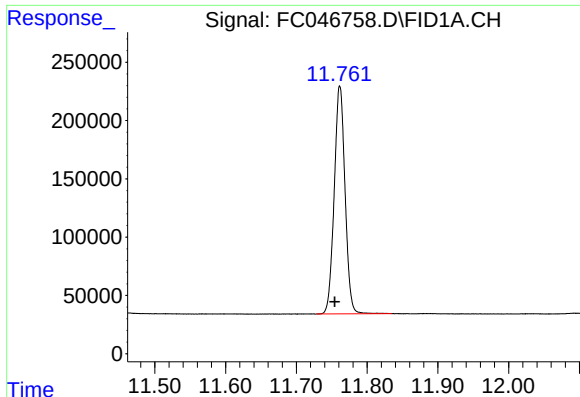
#7 n-Hexadecane (C16)

R.T.: 9.994 min  
Delta R.T.: 0.005 min  
Response: 2033475  
Conc: 20.37 ug/ml



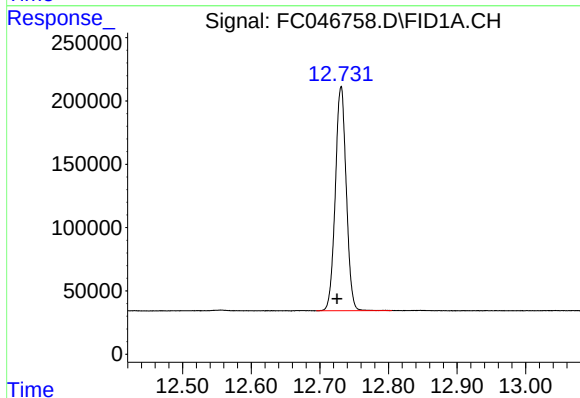
#8 n-Octadecane (C18)

R.T.: 11.428 min  
Delta R.T.: 0.005 min  
Response: 2002197  
Conc: 19.73 ug/ml



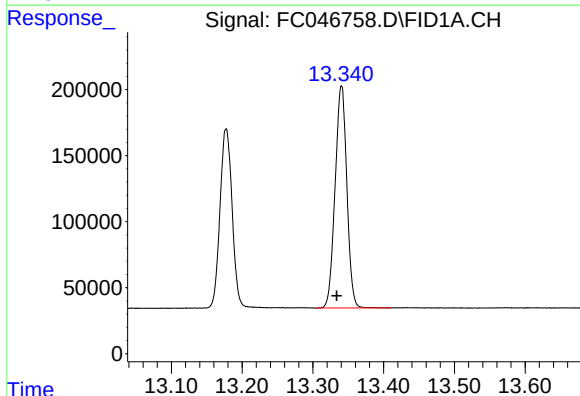
#9 ortho-Terphenyl (SURR)

R.T.: 11.762 min  
Delta R.T.: 0.007 min  
Response: 2079371  
Conc: 19.02 ug/ml



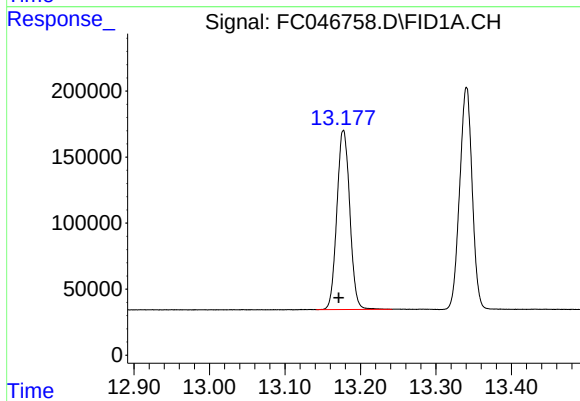
#10 n-Eicosane (C20)

R.T.: 12.731 min  
Delta R.T.: 0.006 min  
Response: 1957278  
Conc: 19.15 ug/ml



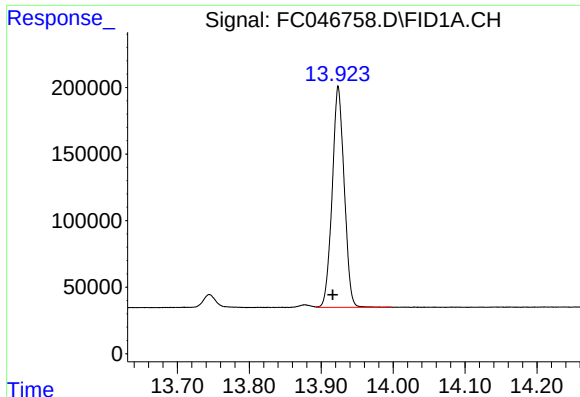
#11 n-Heneicosane (C21)

R.T.: 13.340 min  
Delta R.T.: 0.007 min  
Response: 1940251  
Conc: 18.82 ug/ml



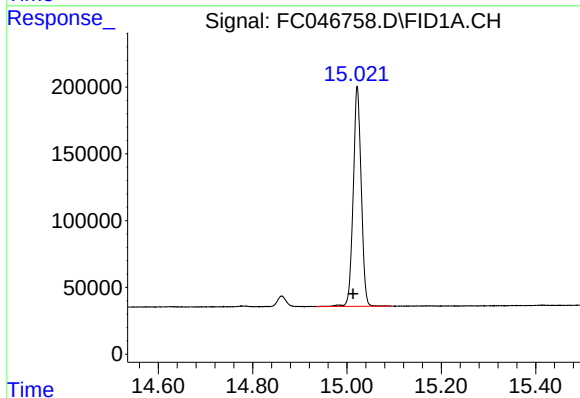
#12 1-chlorooctadecane (SURR)

R.T.: 13.178 min  
Delta R.T.: 0.006 min  
Response: 1612386  
Conc: 18.71 ug/ml



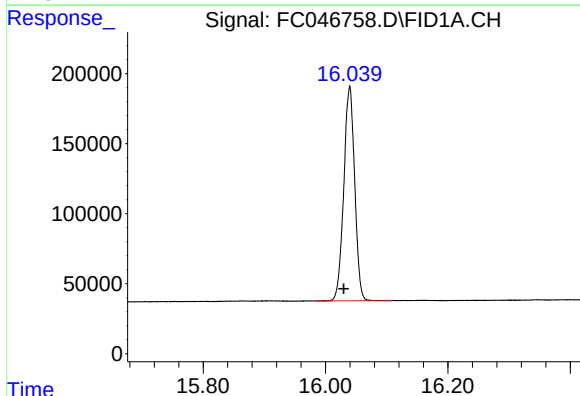
#13 n-Docosane (C22)

R.T.: 13.924 min  
Delta R.T.: 0.008 min  
Response: 1923946  
Conc: 18.74 ug/ml



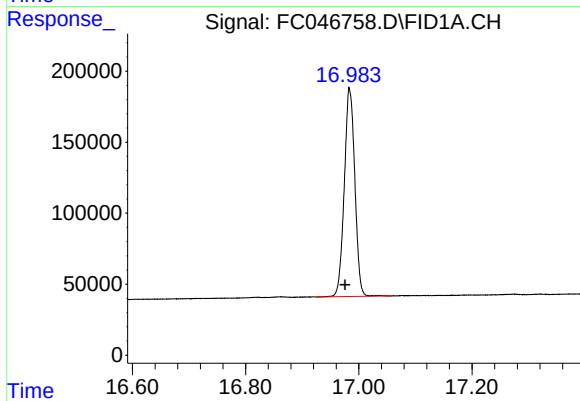
#14 n-Tetracosane (C24)

R.T.: 15.022 min  
Delta R.T.: 0.009 min  
Response: 1936662  
Conc: 18.76 ug/ml



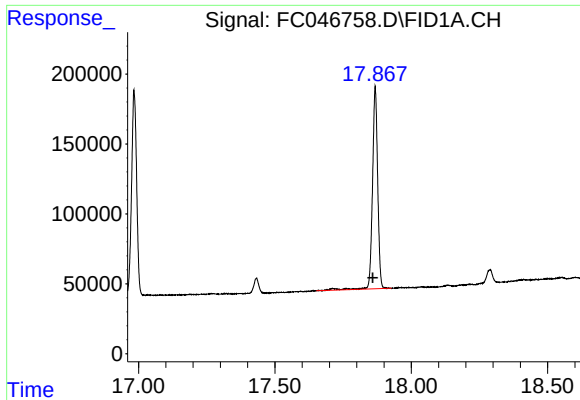
#15 n-Hexacosane (C26)

R.T.: 16.039 min  
Delta R.T.: 0.009 min  
Response: 1899858  
Conc: 18.52 ug/ml



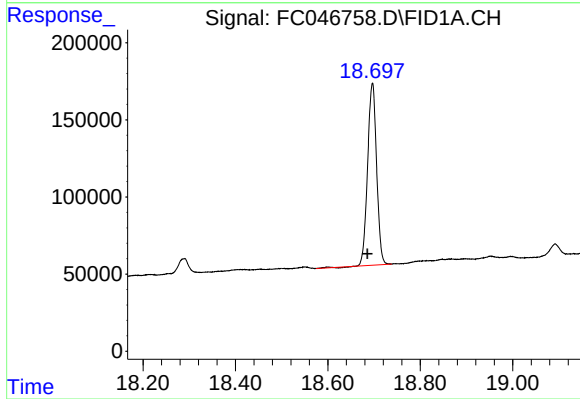
#16 n-Octacosane (C28)

R.T.: 16.984 min  
Delta R.T.: 0.008 min  
Response: 1896162  
Conc: 18.63 ug/ml



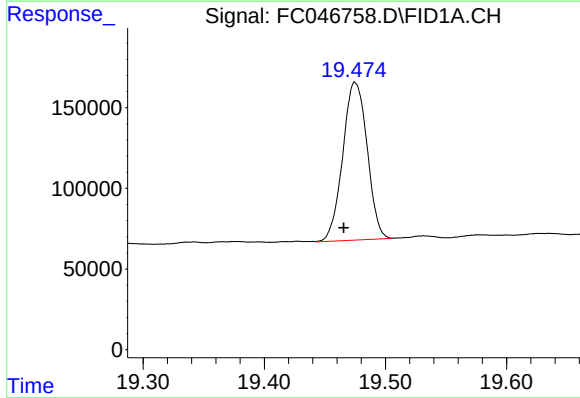
#17 n-Tricontane (C30)

R.T.: 17.868 min  
Delta R.T.: 0.010 min  
Response: 1912961  
Conc: 19.53 ug/ml



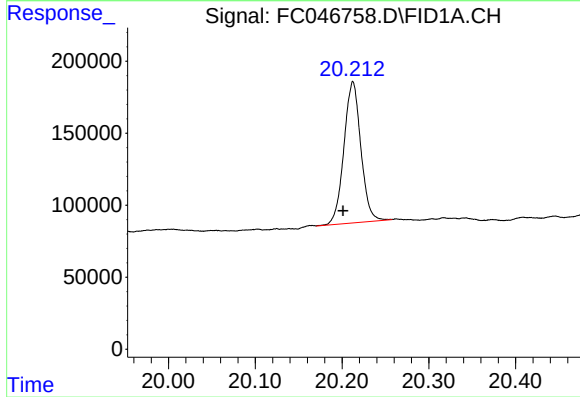
#18 n-Dotriacontane (C32)

R.T.: 18.696 min  
Delta R.T.: 0.011 min  
Response: 1592173  
Conc: 18.99 ug/ml



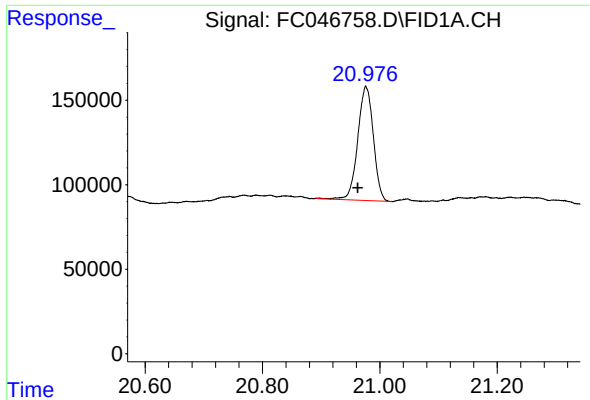
#19 n-Tetratriacontane (C34)

R.T.: 19.474 min  
Delta R.T.: 0.008 min  
Response: 1369932  
Conc: 19.12 ug/ml m



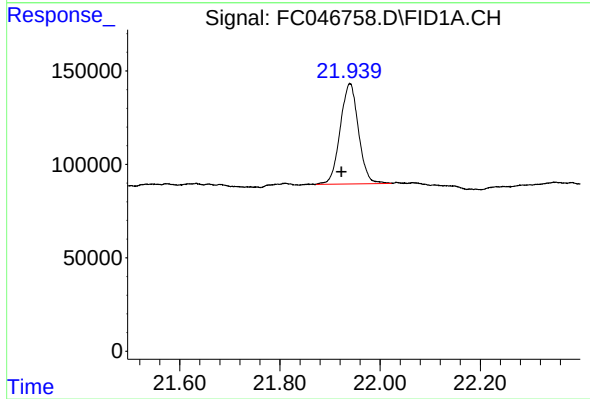
#20 n-Hexatriacontane (C36)

R.T.: 20.212 min  
Delta R.T.: 0.011 min  
Response: 1330223  
Conc: 18.99 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.977 min  
Delta R.T.: 0.014 min  
Response: 1244575  
Conc: 19.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.939 min  
Delta R.T.: 0.016 min  
Response: 1364637  
Conc: 19.72 ug/ml m