

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC020822AL\  
 Data File : FC058267.D  
 Signal(s) : FID1A.CH  
 Acq On : 08 Feb 2022 19:37  
 Operator : YP\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Feb 08 23:47:05 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 020822.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 08 23:40:29 2022  
 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)    | 11.366 | 7012179    | 5.055 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 10.11%       |
| 12) S 1-chlorooctadecane (S... | 12.802 | 4876186    | 4.883 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 9.77%        |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.349  | 6268921    | 5.214 ug/ml  |
| 2) T n-Decane (C10)            | 4.313  | 6210698    | 5.111 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.828  | 6776979    | 4.993 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.264  | 6474138    | 5.090 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.867  | 6587373    | 4.943 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.040  | 6474179    | 5.070 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.629  | 6393623    | 5.076 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.063 | 6424778    | 5.074 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.364 | 6187599    | 5.042 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.973 | 6159128    | 5.007 ug/ml  |
| 13) T n-Docosane (C22)         | 13.556 | 5986536    | 4.975 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.654 | 5792381    | 4.942 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.669 | 5555194    | 4.967 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.615 | 5435793    | 5.020 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.499 | 5213532    | 5.062 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.328 | 4579063    | 4.950 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.108 | 3693011    | 4.868 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.845 | 2649922    | 4.543 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.547 | 1741880    | 4.114 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.370 | 990169     | 3.496 ug/ml  |
| -----                          |        |            |              |

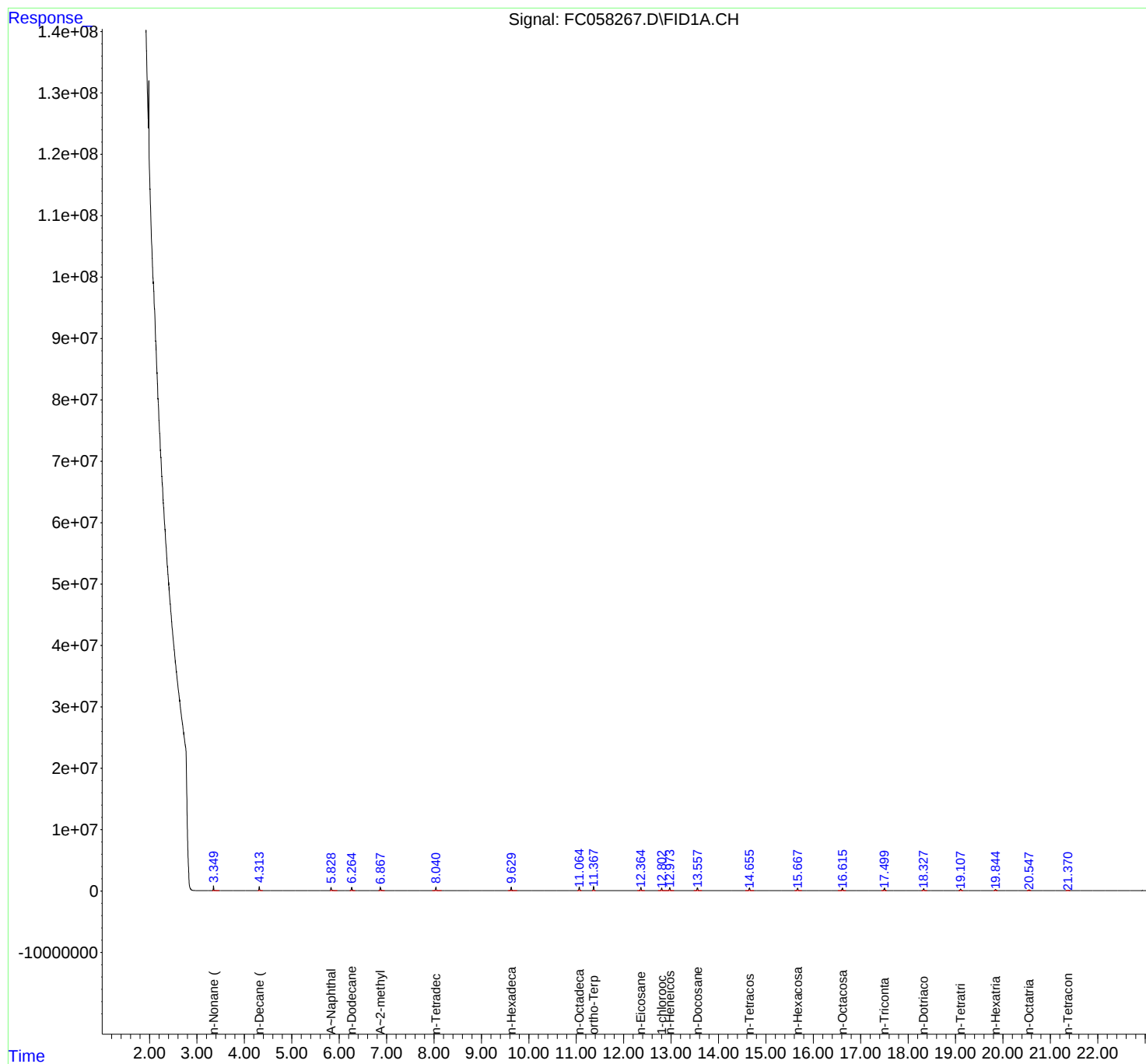
(f)=RT Delta > 1/2 Window

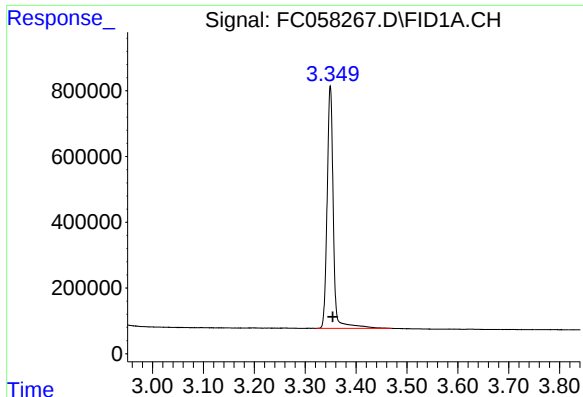
(m)=manual int.

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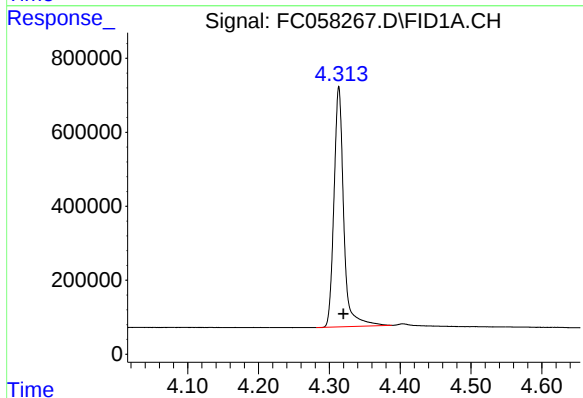
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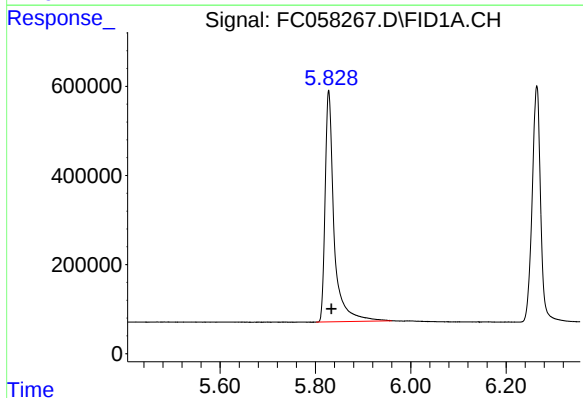
#1 n-Nonane (C9)

R.T.: 3.349 min  
Delta R.T.: -0.005 min  
Response: 6268921  
Conc: 5.21 ug/ml



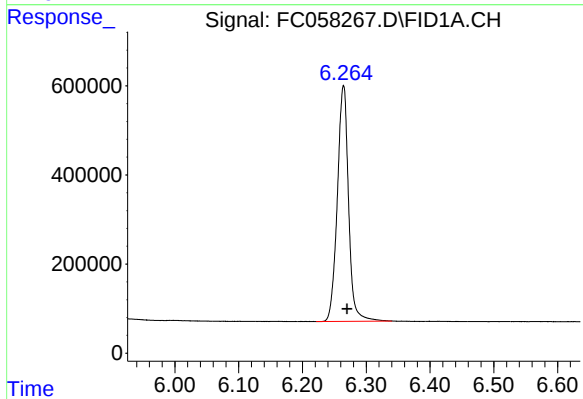
#2 n-Decane (C10)

R.T.: 4.313 min  
Delta R.T.: -0.006 min  
Response: 6210698  
Conc: 5.11 ug/ml



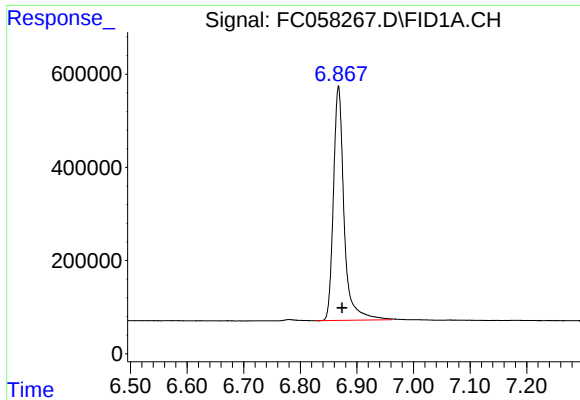
#3 A~Naphthalene (C11.7)

R.T.: 5.828 min  
Delta R.T.: -0.005 min  
Response: 6776979  
Conc: 4.99 ug/ml



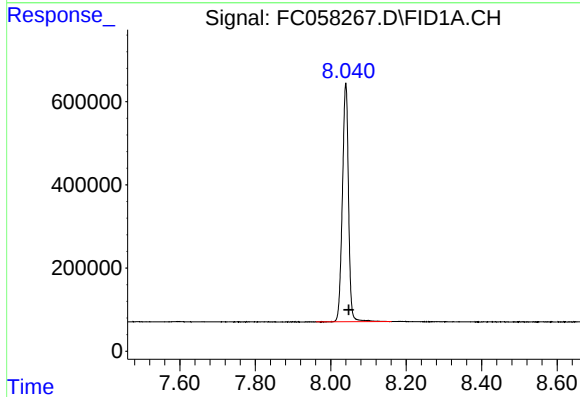
#4 n-Dodecane (C12)

R.T.: 6.264 min  
Delta R.T.: -0.006 min  
Response: 6474138  
Conc: 5.09 ug/ml



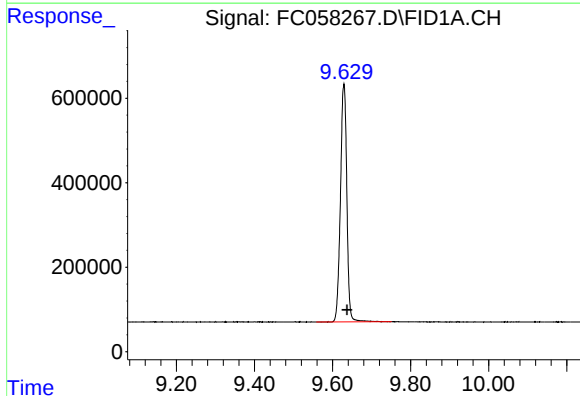
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.867 min  
Delta R.T.: -0.007 min  
Response: 6587373  
Conc: 4.94 ug/ml



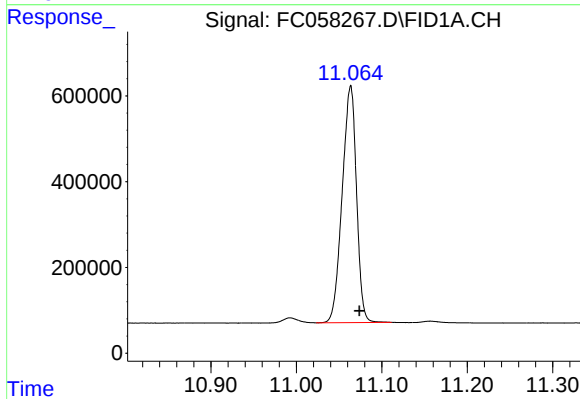
#6 n-Tetradecane (C14)

R.T.: 8.040 min  
Delta R.T.: -0.008 min  
Response: 6474179  
Conc: 5.07 ug/ml



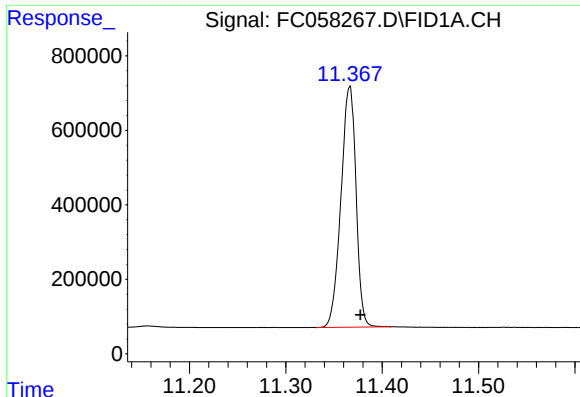
#7 n-Hexadecane (C16)

R.T.: 9.629 min  
Delta R.T.: -0.008 min  
Response: 6393623  
Conc: 5.08 ug/ml



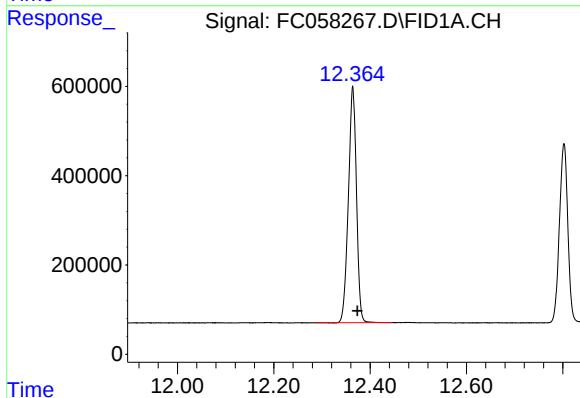
#8 n-Octadecane (C18)

R.T.: 11.063 min  
Delta R.T.: -0.010 min  
Response: 6424778  
Conc: 5.07 ug/ml



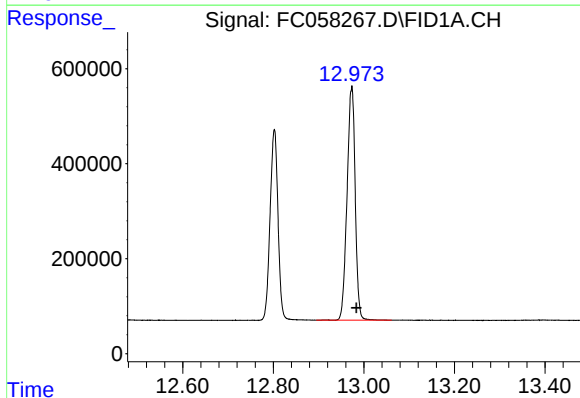
#9 ortho-Terphenyl (SURR)

R.T.: 11.366 min  
Delta R.T.: -0.011 min  
Response: 7012179  
Conc: 5.06 ug/ml



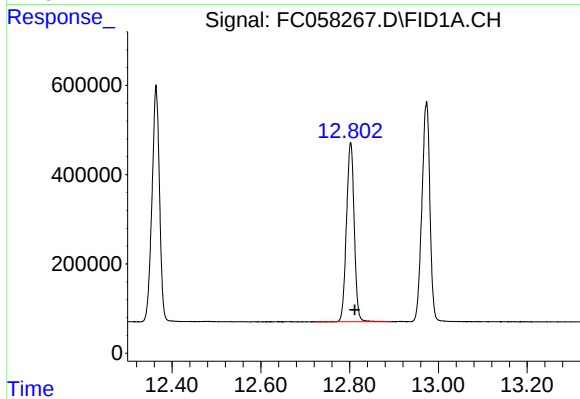
#10 n-Eicosane (C20)

R.T.: 12.364 min  
Delta R.T.: -0.010 min  
Response: 6187599  
Conc: 5.04 ug/ml



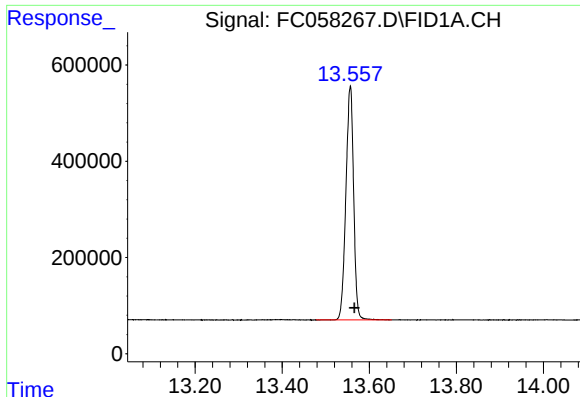
#11 n-Heneicosane (C21)

R.T.: 12.973 min  
Delta R.T.: -0.010 min  
Response: 6159128  
Conc: 5.01 ug/ml



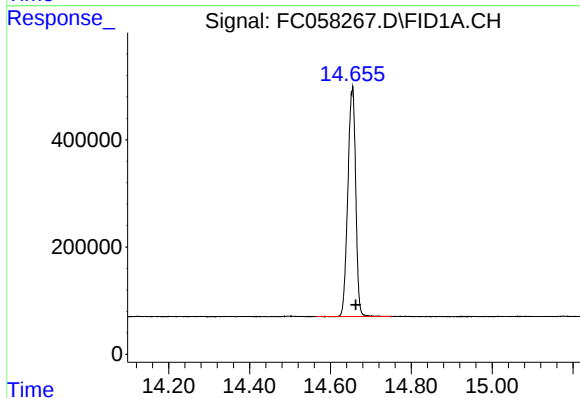
#12 1-chlorooctadecane (SURR)

R.T.: 12.802 min  
Delta R.T.: -0.010 min  
Response: 4876186  
Conc: 4.88 ug/ml



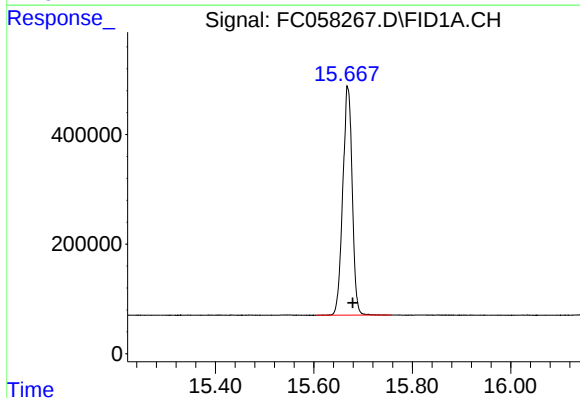
#13 n-Docosane (C22)

R.T.: 13.556 min  
Delta R.T.: -0.010 min  
Response: 5986536  
Conc: 4.98 ug/ml



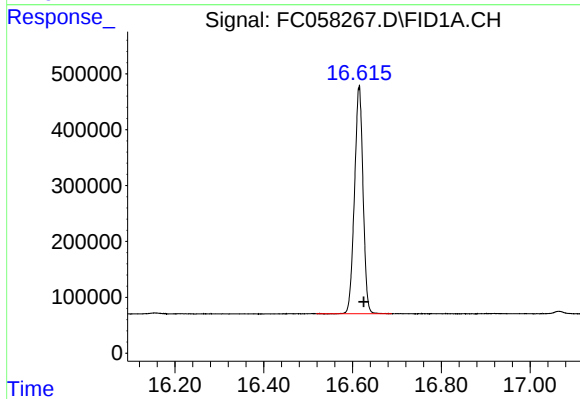
#14 n-Tetracosane (C24)

R.T.: 14.654 min  
Delta R.T.: -0.009 min  
Response: 5792381  
Conc: 4.94 ug/ml



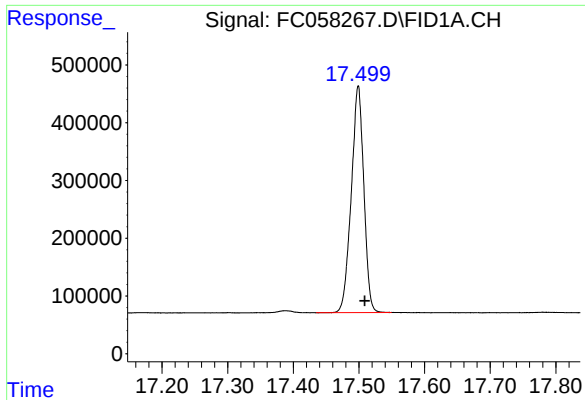
#15 n-Hexacosane (C26)

R.T.: 15.669 min  
Delta R.T.: -0.010 min  
Response: 5555194  
Conc: 4.97 ug/ml



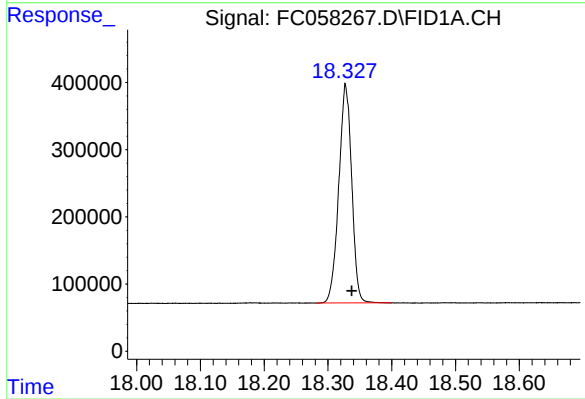
#16 n-Octacosane (C28)

R.T.: 16.615 min  
Delta R.T.: -0.010 min  
Response: 5435793  
Conc: 5.02 ug/ml



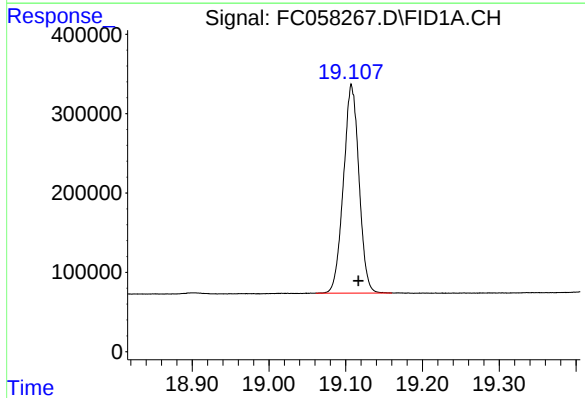
#17 n-Tricontane (C30)

R.T.: 17.499 min  
Delta R.T.: -0.010 min  
Response: 5213532  
Conc: 5.06 ug/ml



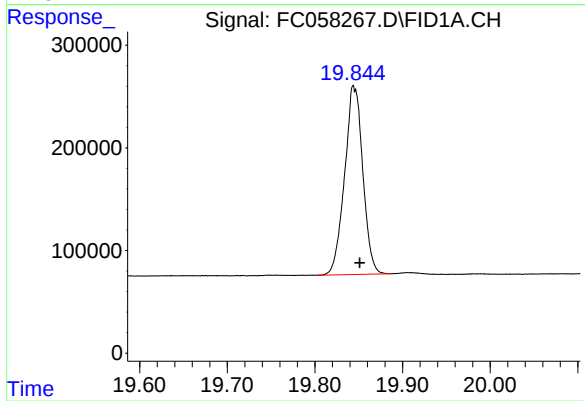
#18 n-Dotriacontane (C32)

R.T.: 18.328 min  
Delta R.T.: -0.009 min  
Response: 4579063  
Conc: 4.95 ug/ml



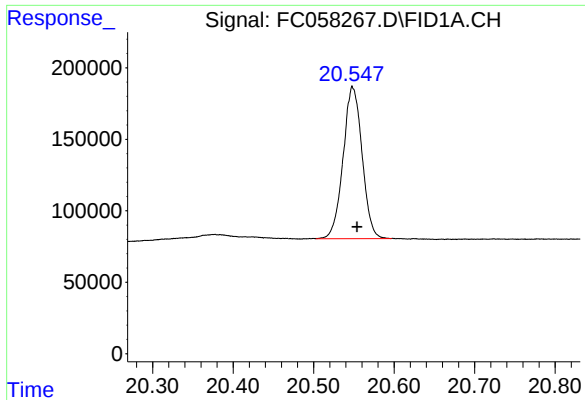
#19 n-Tetratriacontane (C34)

R.T.: 19.108 min  
Delta R.T.: -0.009 min  
Response: 3693011  
Conc: 4.87 ug/ml



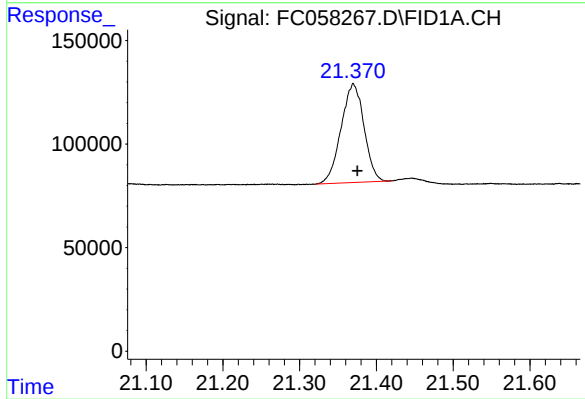
#20 n-Hexatriacontane (C36)

R.T.: 19.845 min  
Delta R.T.: -0.006 min  
Response: 2649922  
Conc: 4.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.547 min  
Delta R.T.: -0.006 min  
Response: 1741880  
Conc: 4.11 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.370 min  
Delta R.T.: -0.005 min  
Response: 990169  
Conc: 3.50 ug/ml