

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC082119AL\  
 Data File : FC043048.D  
 Signal(s) : FID1A.CH  
 Acq On : 21 Aug 2019 14:30  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Aug 22 00:42:37 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 080819.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 08 16:36:10 2019  
 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)    | 11.653 | 2848077    | 20.050 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.10%        |
| 12) S 1-chlorooctadecane (S... | 13.076 | 2336339    | 19.683 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.37%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.475  | 2721869    | 21.949 ug/ml  |
| 2) T n-Decane (C10)            | 4.533  | 2786223    | 22.208 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.115  | 2956270    | 21.824 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.531  | 2814526    | 22.191 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.163  | 2959592    | 21.757 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.311  | 2807788    | 22.005 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.899  | 2798546    | 21.651 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.331 | 2781025    | 21.019 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.632 | 2751429    | 20.355 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.241 | 2702313    | 19.991 ug/ml  |
| 13) T n-Docosane (C22)         | 13.823 | 2654847    | 19.555 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.920 | 2565927    | 18.844 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.936 | 2486323    | 18.432 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.881 | 2415150    | 18.150 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.766 | 2330034    | 18.197 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.593 | 2225148    | 19.084 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.374 | 1854397    | 19.302 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.110 | 1793457    | 21.620 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.848 | 1575646    | 21.298 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.763 | 1738978    | 24.075 ug/mlm |
| -----                          |        |            |               |

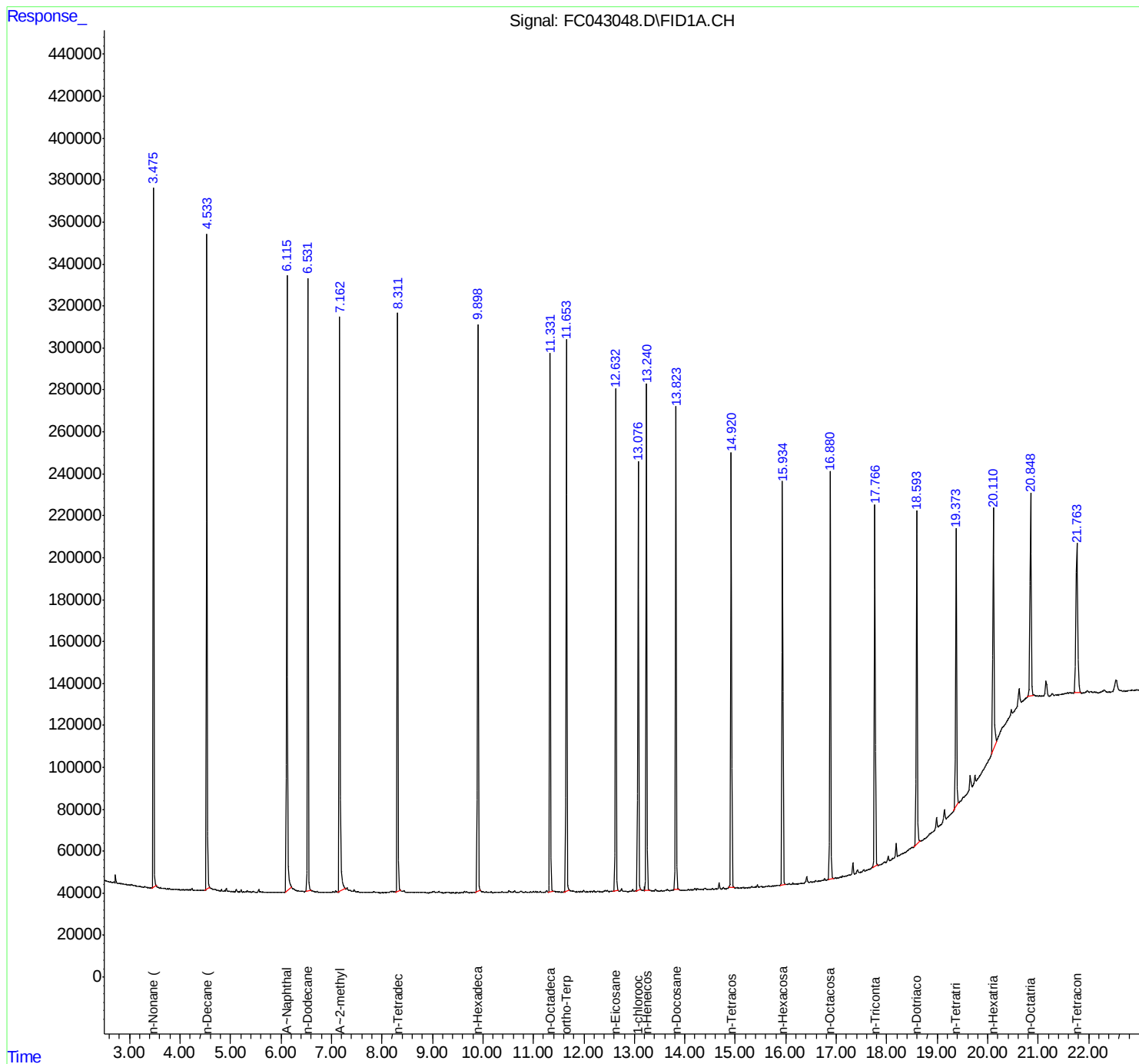
(f)=RT Delta > 1/2 Window

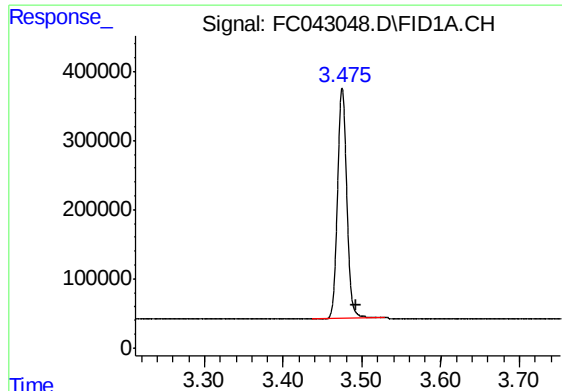
(m)=manual int.

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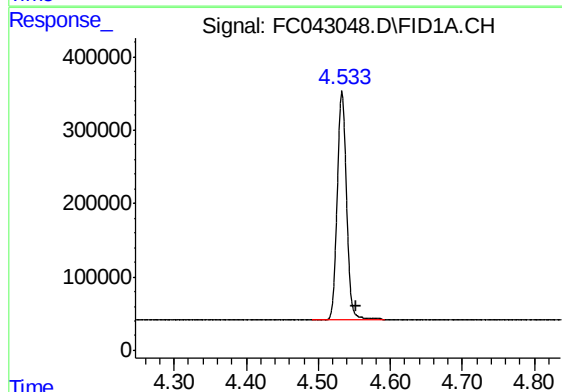
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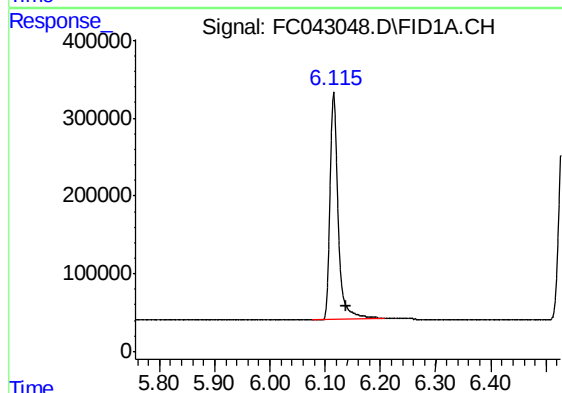
#1 n-Nonane (C9)

R.T.: 3.475 min  
Delta R.T.: -0.017 min  
Response: 2721869  
Conc: 21.95 ug/ml



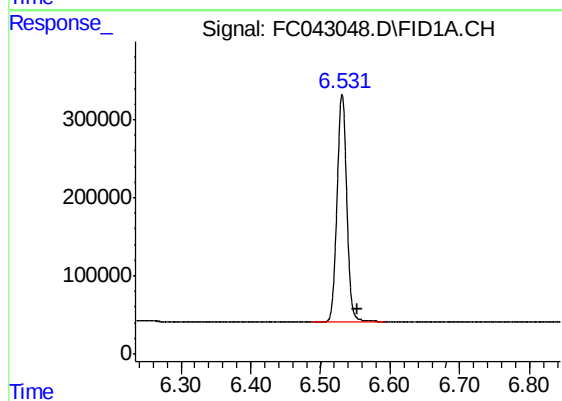
#2 n-Decane (C10)

R.T.: 4.533 min  
Delta R.T.: -0.019 min  
Response: 2786223  
Conc: 22.21 ug/ml



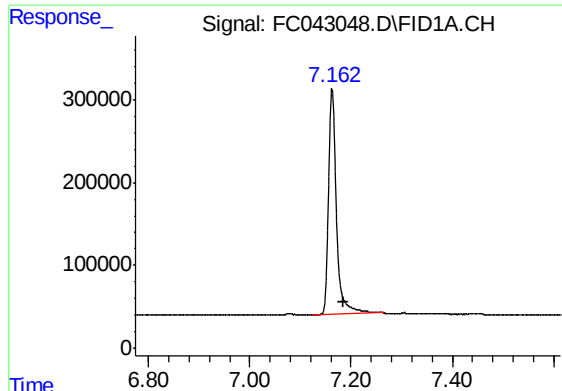
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min  
Delta R.T.: -0.021 min  
Response: 2956270  
Conc: 21.82 ug/ml



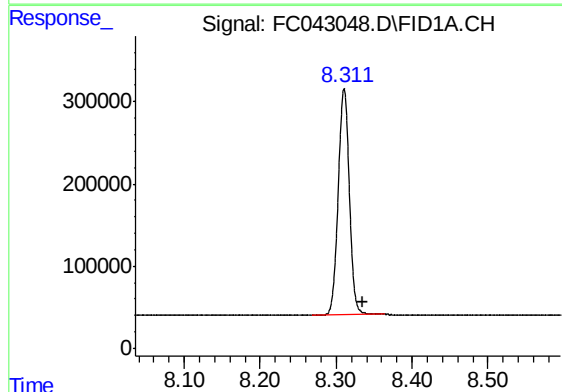
#4 n-Dodecane (C12)

R.T.: 6.531 min  
Delta R.T.: -0.022 min  
Response: 2814526  
Conc: 22.19 ug/ml



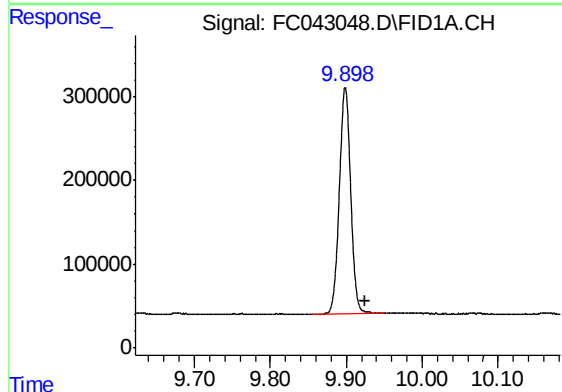
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.163 min  
Delta R.T.: -0.022 min  
Response: 2959592  
Conc: 21.76 ug/ml



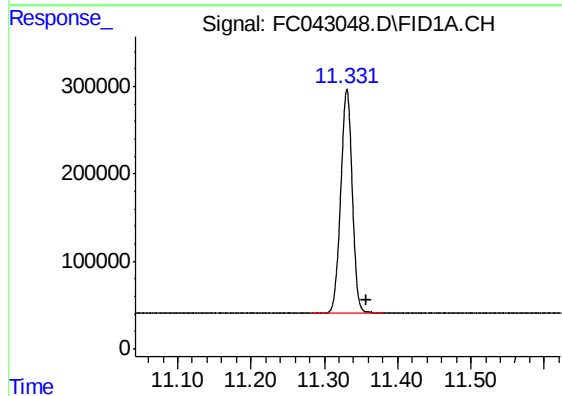
#6 n-Tetradecane (C14)

R.T.: 8.311 min  
Delta R.T.: -0.024 min  
Response: 2807788  
Conc: 22.01 ug/ml



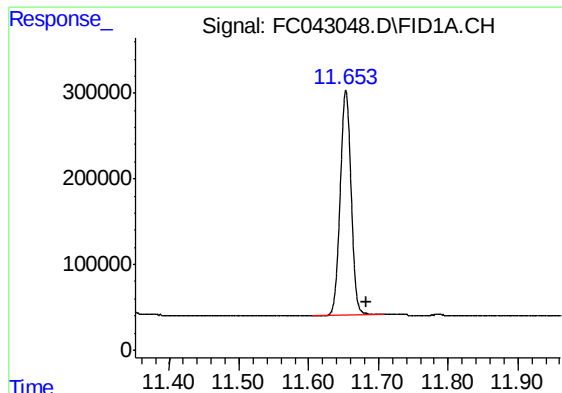
#7 n-Hexadecane (C16)

R.T.: 9.899 min  
Delta R.T.: -0.026 min  
Response: 2798546  
Conc: 21.65 ug/ml



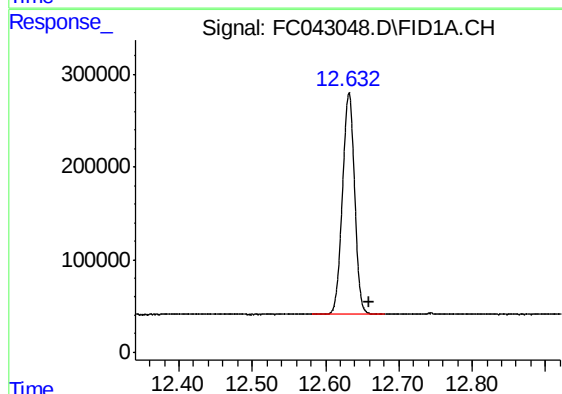
#8 n-Octadecane (C18)

R.T.: 11.331 min  
Delta R.T.: -0.027 min  
Response: 2781025  
Conc: 21.02 ug/ml



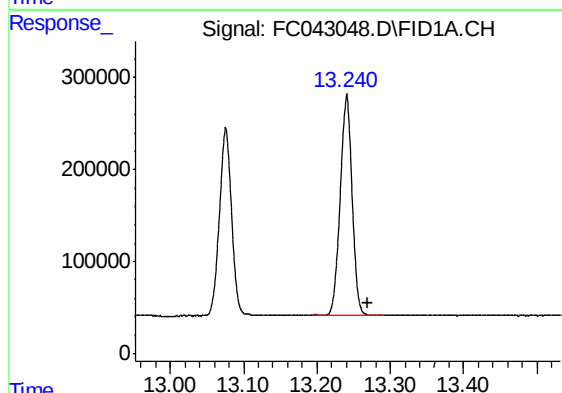
#9 ortho-Terphenyl (SURR)

R.T.: 11.653 min  
Delta R.T.: -0.029 min  
Response: 2848077  
Conc: 20.05 ug/ml



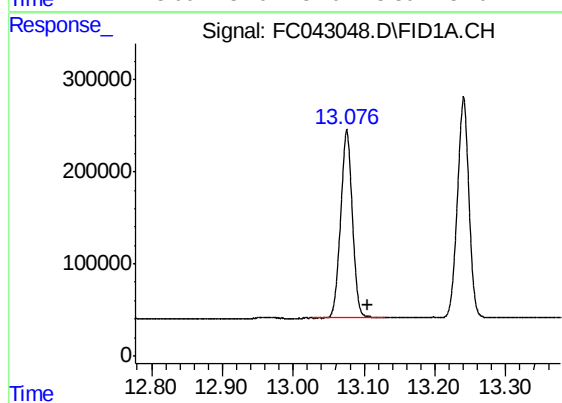
#10 n-Eicosane (C20)

R.T.: 12.632 min  
Delta R.T.: -0.028 min  
Response: 2751429  
Conc: 20.35 ug/ml



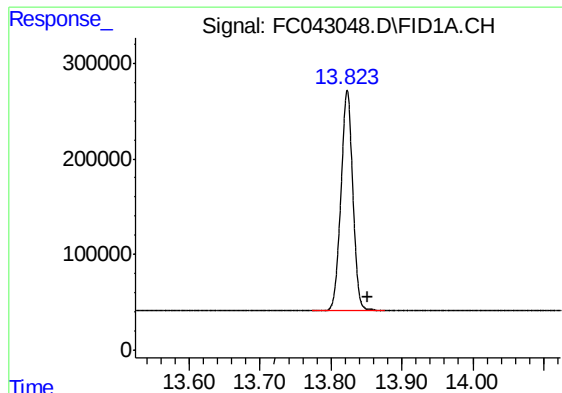
#11 n-Heneicosane (C21)

R.T.: 13.241 min  
Delta R.T.: -0.028 min  
Response: 2702313  
Conc: 19.99 ug/ml



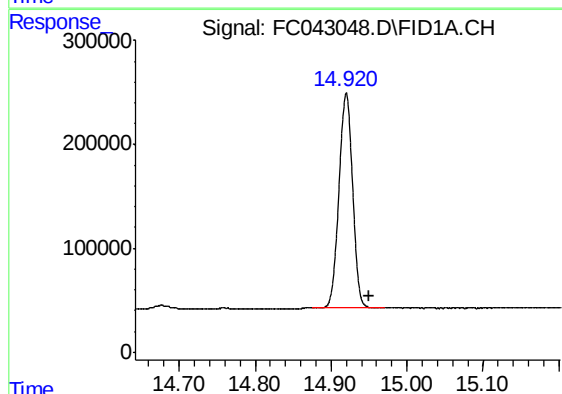
#12 1-chlorooctadecane (SURR)

R.T.: 13.076 min  
Delta R.T.: -0.029 min  
Response: 2336339  
Conc: 19.68 ug/ml



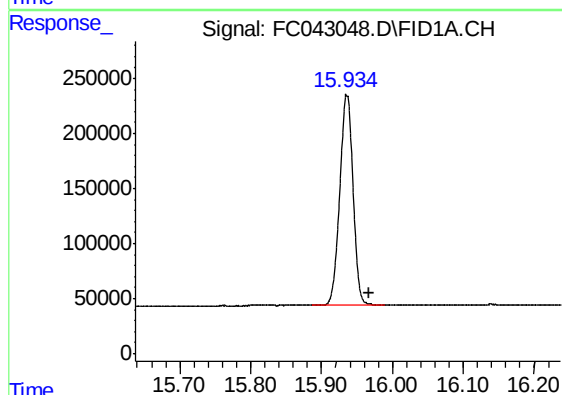
#13 n-Docosane (C22)

R.T.: 13.823 min  
Delta R.T.: -0.029 min  
Response: 2654847  
Conc: 19.56 ug/ml



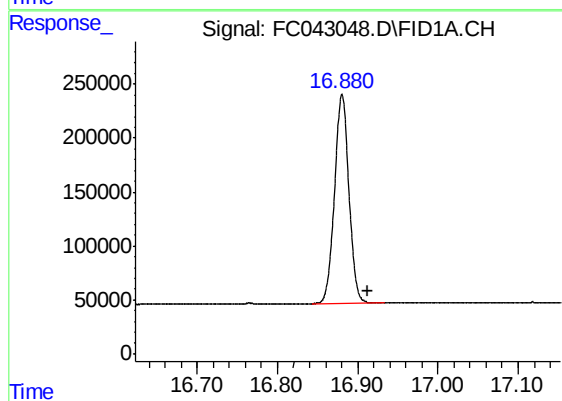
#14 n-Tetracosane (C24)

R.T.: 14.920 min  
Delta R.T.: -0.030 min  
Response: 2565927  
Conc: 18.84 ug/ml



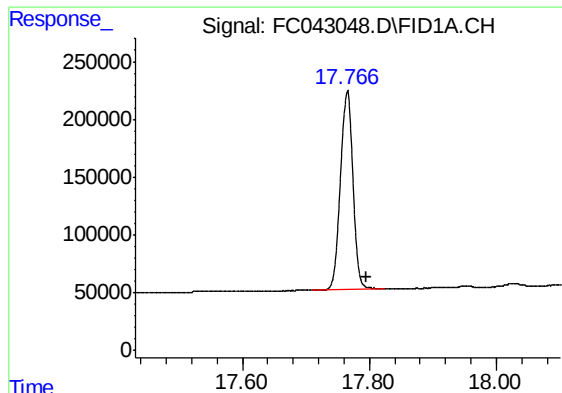
#15 n-Hexacosane (C26)

R.T.: 15.936 min  
Delta R.T.: -0.031 min  
Response: 2486323  
Conc: 18.43 ug/ml



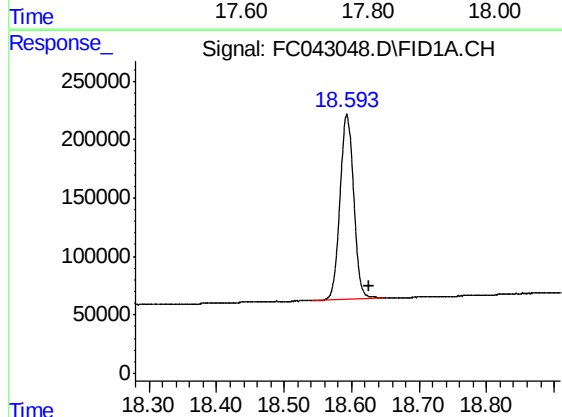
#16 n-Octacosane (C28)

R.T.: 16.881 min  
Delta R.T.: -0.032 min  
Response: 2415150  
Conc: 18.15 ug/ml



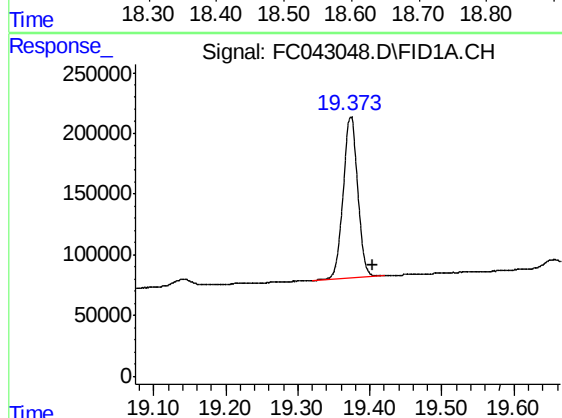
#17 n-Tricontane (C30)

R.T.: 17.766 min  
Delta R.T.: -0.031 min  
Response: 2330034  
Conc: 18.20 ug/ml



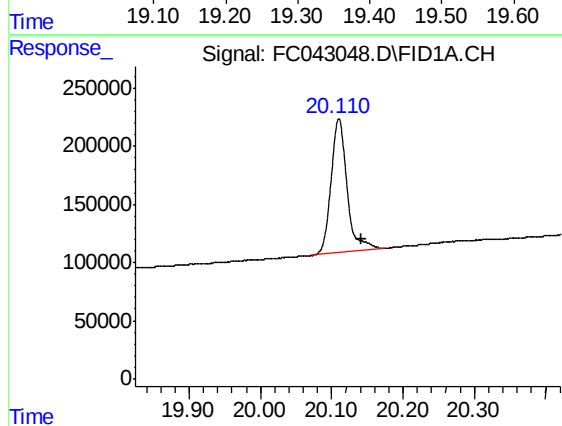
#18 n-Dotriacontane (C32)

R.T.: 18.593 min  
Delta R.T.: -0.032 min  
Response: 2225148  
Conc: 19.08 ug/ml



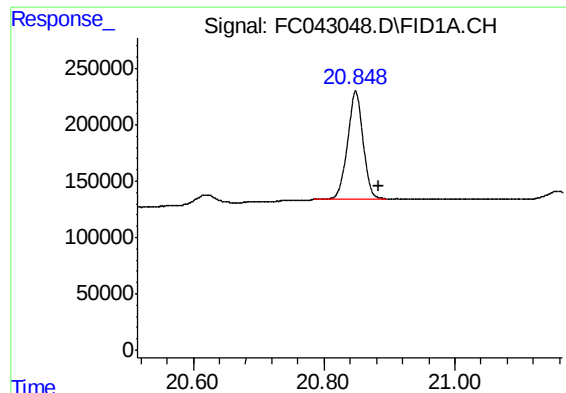
#19 n-Tetatriacontane (C34)

R.T.: 19.374 min  
Delta R.T.: -0.030 min  
Response: 1854397  
Conc: 19.30 ug/ml



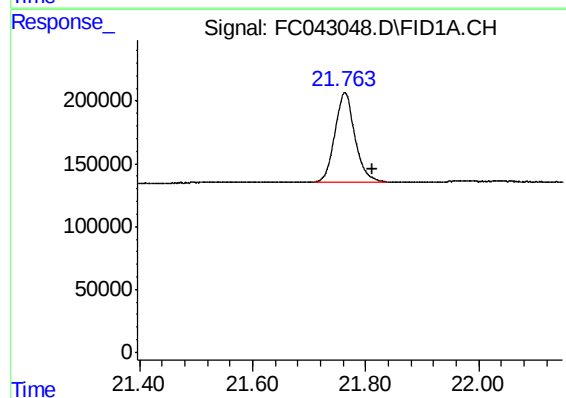
#20 n-Hexatriacontane (C36)

R.T.: 20.110 min  
Delta R.T.: -0.031 min  
Response: 1793457  
Conc: 21.62 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.848 min  
Delta R.T.: -0.036 min  
Response: 1575646  
Conc: 21.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.763 min  
Delta R.T.: -0.048 min  
Response: 1738978  
Conc: 24.08 ug/ml m