

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080520AL\  
 Data File : FC048867.D  
 Signal(s) : FID1A.CH  
 Acq On : 05 Aug 2020 8:43  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 05 11:40:27 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 070820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 08 03:03:00 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)    | 11.678 | 2516695    | 18.337 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.67%       |
| 12) S 1-chlorooctadecane (S... | 13.111 | 2015763    | 17.888 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.78%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.416  | 2468766    | 20.710 ug/ml |
| 2) T n-Decane (C10)            | 4.489  | 2510321    | 20.855 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.085  | 2766497    | 20.558 ug/ml |
| 4) T n-Dodecane (C12)          | 6.514  | 2550598    | 20.848 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.145  | 2798850    | 20.306 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.312  | 2527834    | 20.520 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.914  | 2459024    | 20.088 ug/ml |
| 8) T n-Octadecane (C18)        | 11.357 | 2481932    | 19.393 ug/ml |
| 10) T n-Eicosane (C20)         | 12.666 | 2405592    | 18.600 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.277 | 2356185    | 18.177 ug/ml |
| 13) T n-Docosane (C22)         | 13.863 | 2323652    | 17.897 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.965 | 2225047    | 16.974 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.984 | 2146160    | 16.505 ug/ml |
| 16) T n-Octacosane (C28)       | 16.933 | 2111201    | 16.157 ug/ml |
| 17) T n-Tricontane (C30)       | 17.819 | 2053145    | 15.971 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.647 | 1895345    | 16.043 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.430 | 1794377    | 16.076 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.168 | 1720517    | 16.359 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.920 | 1667192    | 16.983 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.868 | 1737770    | 17.882 ug/ml |
| -----                          |        |            |              |

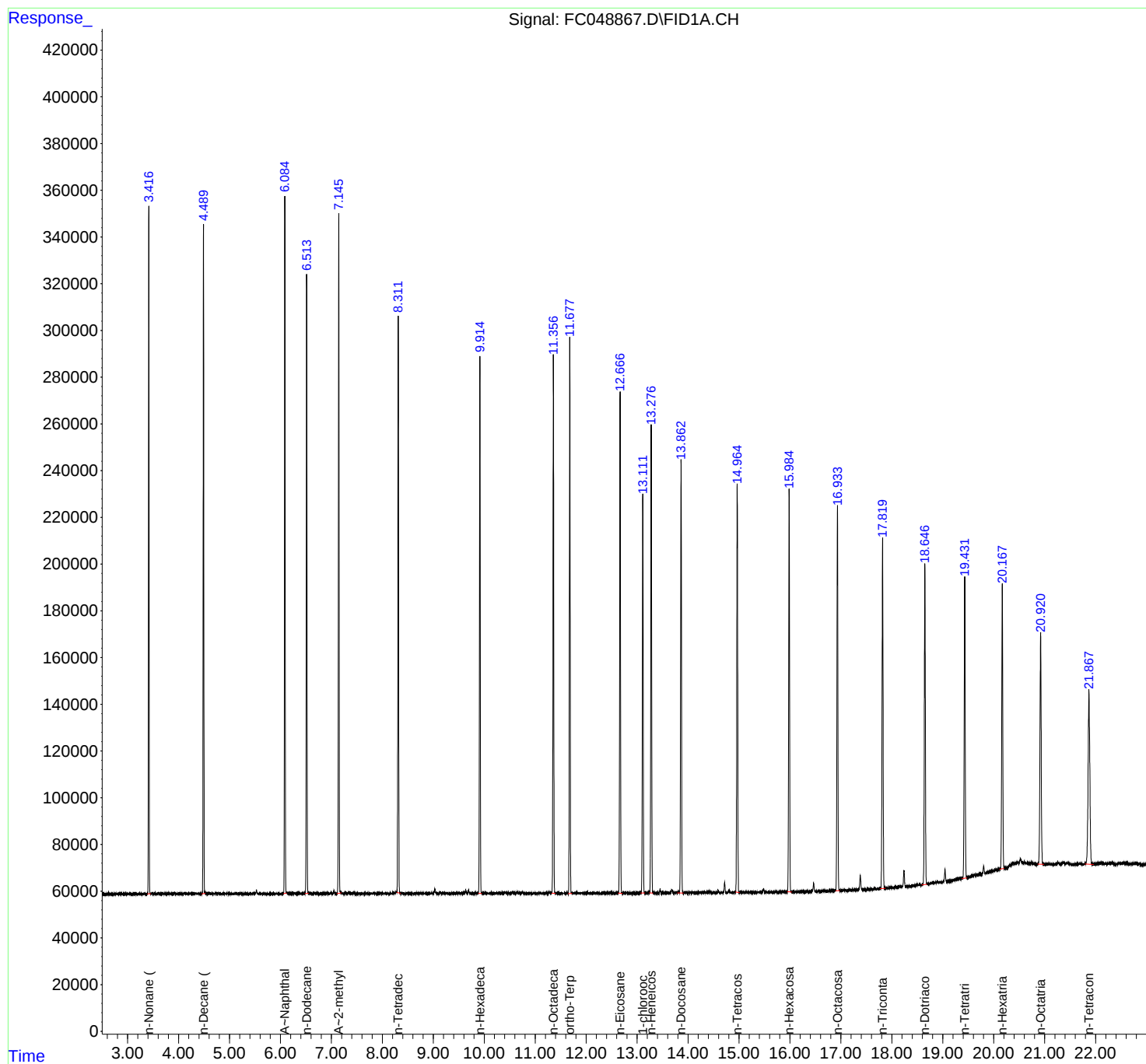
(f)=RT Delta > 1/2 Window

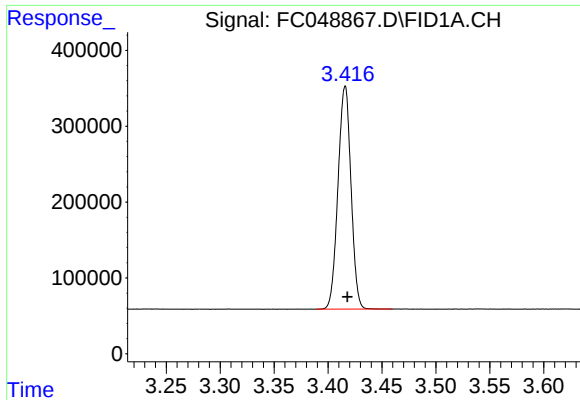
(m)=manual int.

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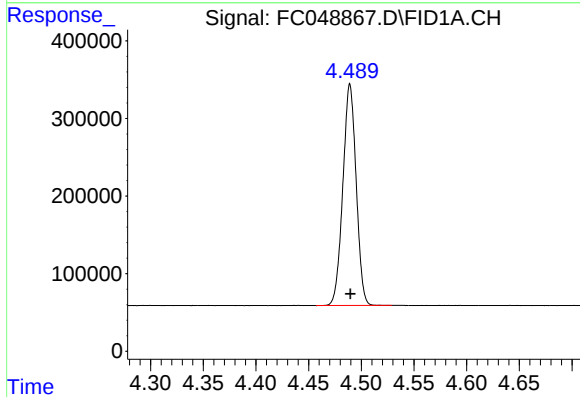
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





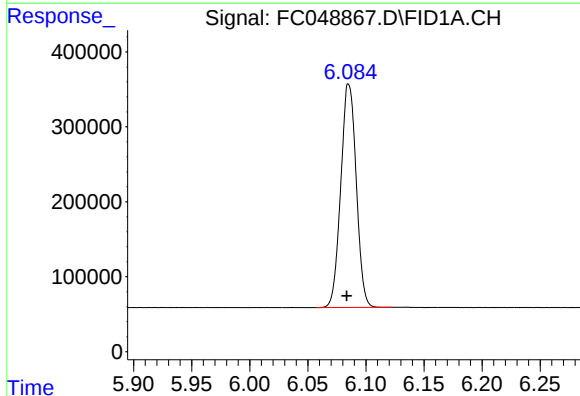
#1 n-Nonane (C9)

R.T.: 3.416 min  
Delta R.T.: -0.002 min  
Response: 2468766  
Conc: 20.71 ug/ml



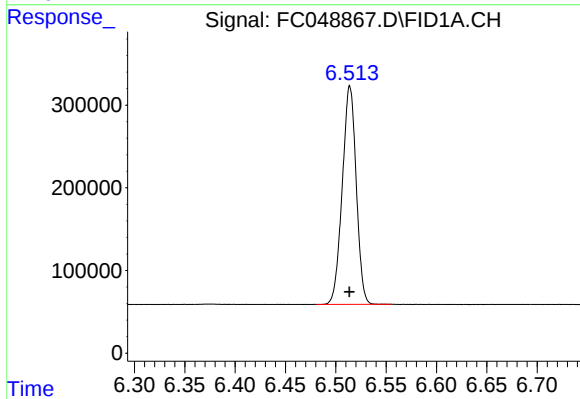
#2 n-Decane (C10)

R.T.: 4.489 min  
Delta R.T.: 0.000 min  
Response: 2510321  
Conc: 20.86 ug/ml



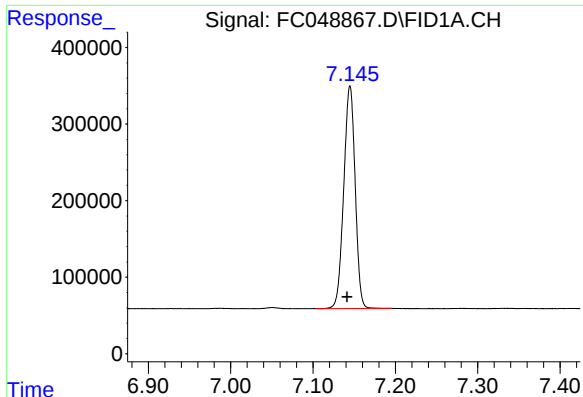
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min  
Delta R.T.: 0.002 min  
Response: 2766497  
Conc: 20.56 ug/ml



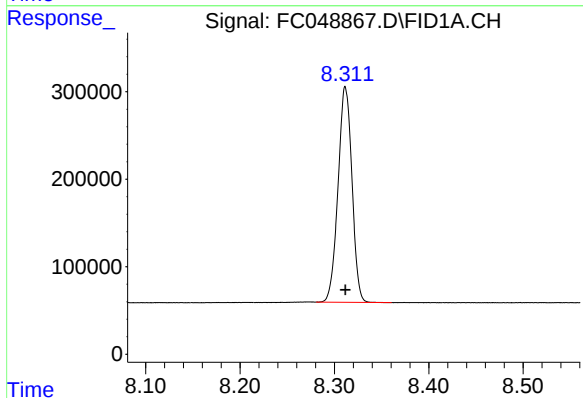
#4 n-Dodecane (C12)

R.T.: 6.514 min  
Delta R.T.: 0.000 min  
Response: 2550598  
Conc: 20.85 ug/ml



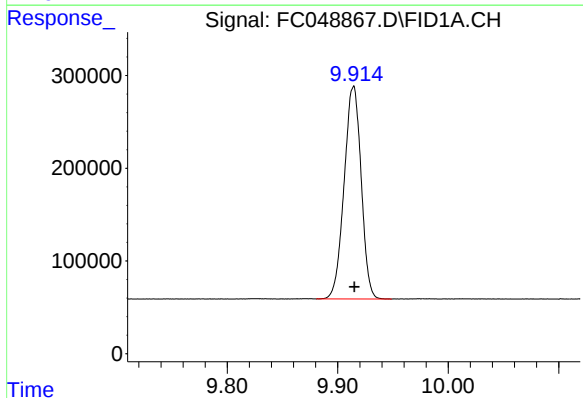
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.145 min  
Delta R.T.: 0.004 min  
Response: 2798850  
Conc: 20.31 ug/ml



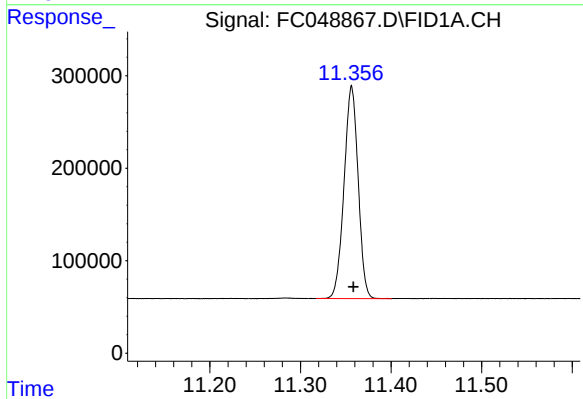
#6 n-Tetradecane (C14)

R.T.: 8.312 min  
Delta R.T.: 0.000 min  
Response: 2527834  
Conc: 20.52 ug/ml



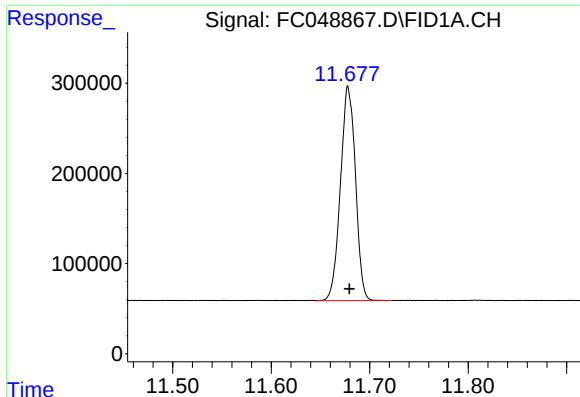
#7 n-Hexadecane (C16)

R.T.: 9.914 min  
Delta R.T.: 0.000 min  
Response: 2459024  
Conc: 20.09 ug/ml



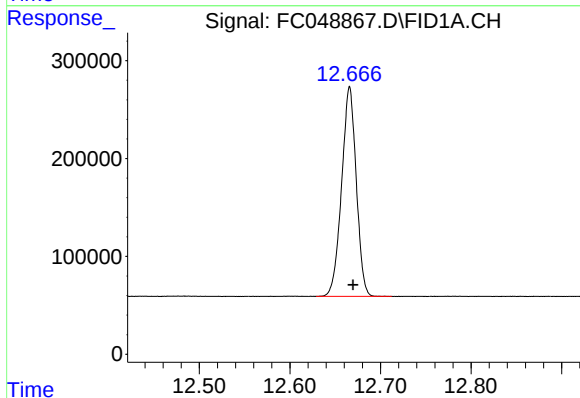
#8 n-Octadecane (C18)

R.T.: 11.357 min  
Delta R.T.: -0.002 min  
Response: 2481932  
Conc: 19.39 ug/ml



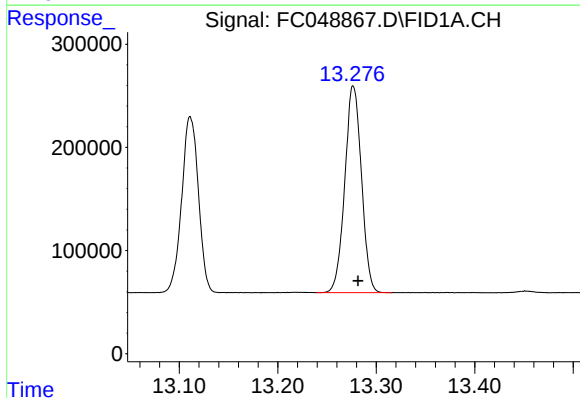
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min  
Delta R.T.: -0.002 min  
Response: 2516695  
Conc: 18.34 ug/ml



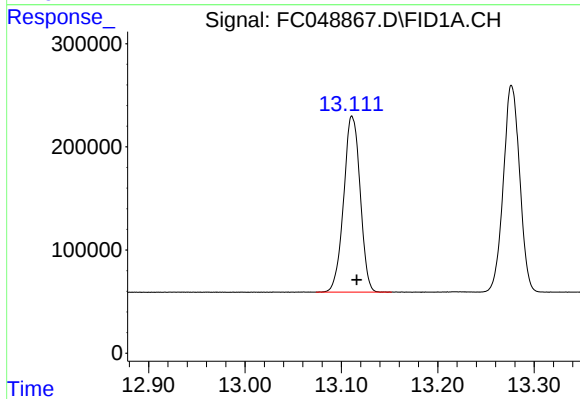
#10 n-Eicosane (C20)

R.T.: 12.666 min  
Delta R.T.: -0.004 min  
Response: 2405592  
Conc: 18.60 ug/ml



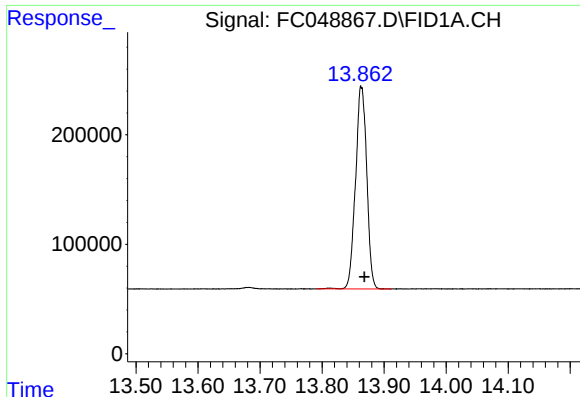
#11 n-Heneicosane (C21)

R.T.: 13.277 min  
Delta R.T.: -0.005 min  
Response: 2356185  
Conc: 18.18 ug/ml



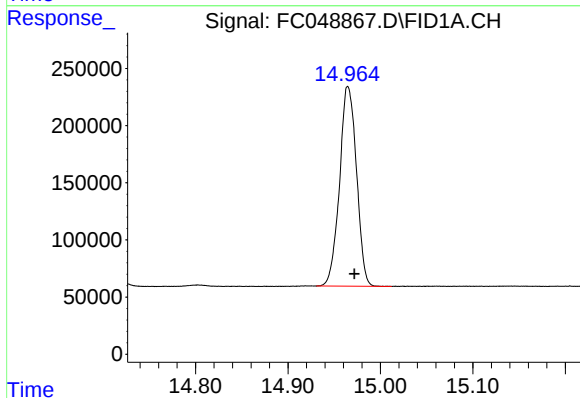
#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min  
Delta R.T.: -0.005 min  
Response: 2015763  
Conc: 17.89 ug/ml



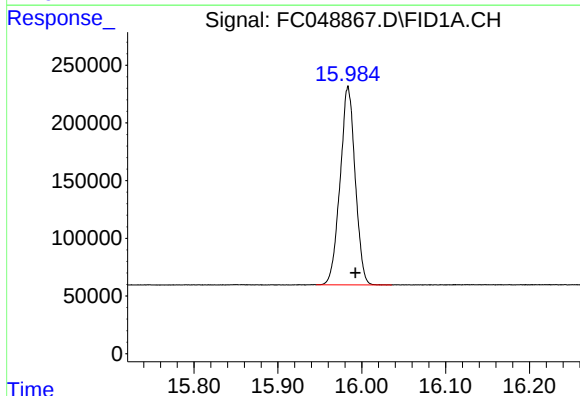
#13 n-Docosane (C22)

R.T.: 13.863 min  
Delta R.T.: -0.005 min  
Response: 2323652  
Conc: 17.90 ug/ml



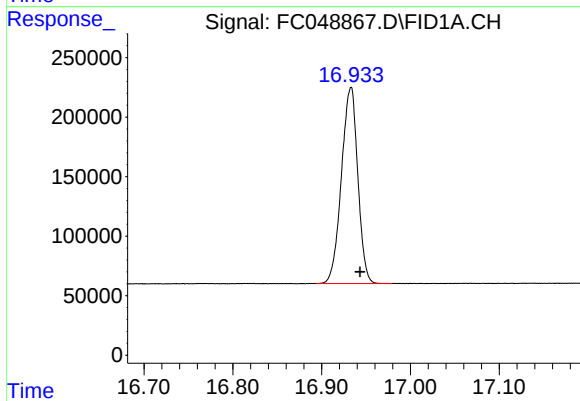
#14 n-Tetracosane (C24)

R.T.: 14.965 min  
Delta R.T.: -0.007 min  
Response: 2225047  
Conc: 16.97 ug/ml



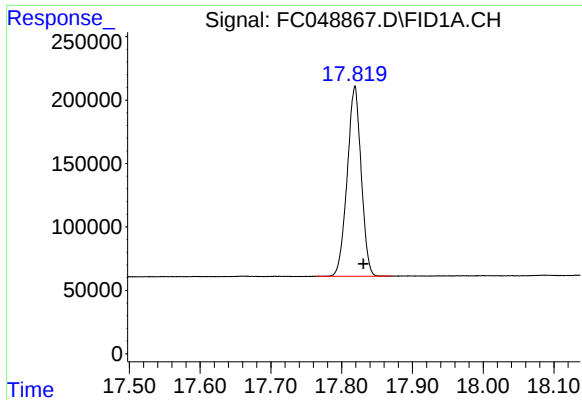
#15 n-Hexacosane (C26)

R.T.: 15.984 min  
Delta R.T.: -0.009 min  
Response: 2146160  
Conc: 16.50 ug/ml



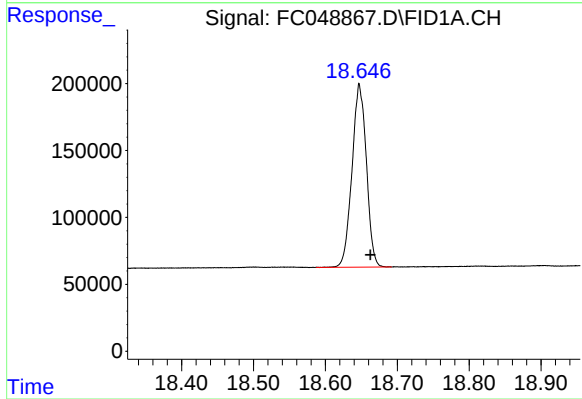
#16 n-Octacosane (C28)

R.T.: 16.933 min  
Delta R.T.: -0.010 min  
Response: 2111201  
Conc: 16.16 ug/ml



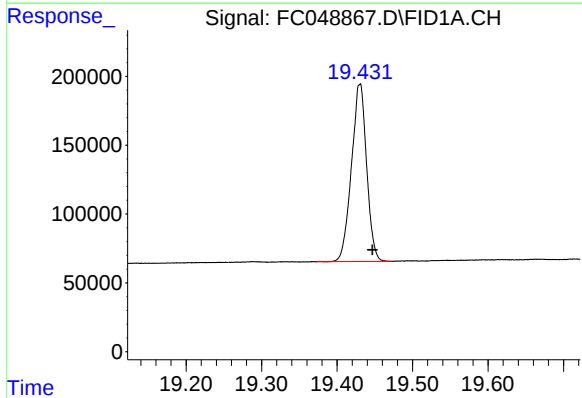
#17 n-Tricontane (C30)

R.T.: 17.819 min  
Delta R.T.: -0.012 min  
Response: 2053145  
Conc: 15.97 ug/ml



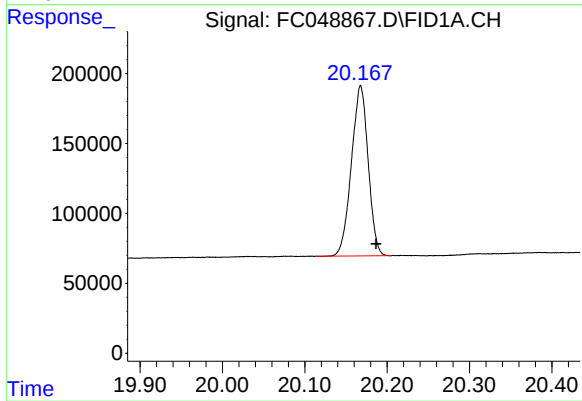
#18 n-Dotriacontane (C32)

R.T.: 18.647 min  
Delta R.T.: -0.015 min  
Response: 1895345  
Conc: 16.04 ug/ml



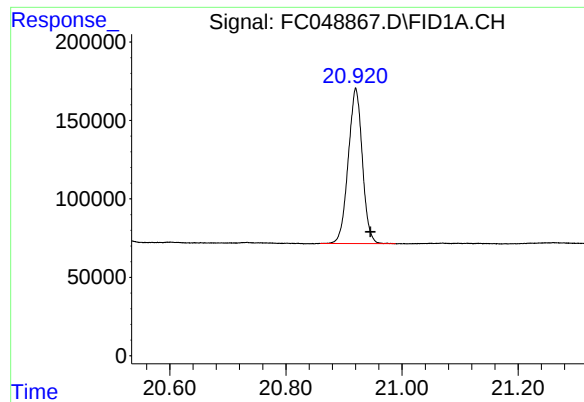
#19 n-Tetratriacontane (C34)

R.T.: 19.430 min  
Delta R.T.: -0.017 min  
Response: 1794377  
Conc: 16.08 ug/ml



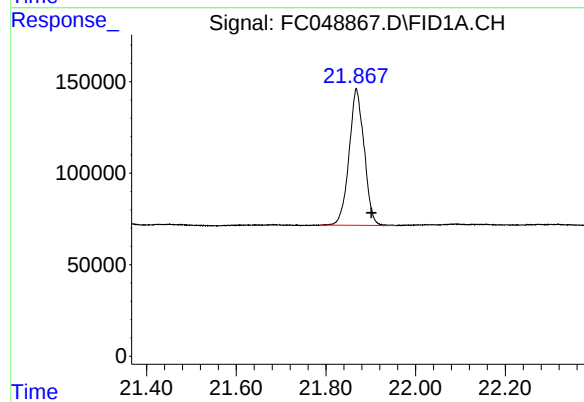
#20 n-Hexatriacontane (C36)

R.T.: 20.168 min  
Delta R.T.: -0.019 min  
Response: 1720517  
Conc: 16.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.920 min  
Delta R.T.: -0.025 min  
Response: 1667192  
Conc: 16.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.868 min  
Delta R.T.: -0.033 min  
Response: 1737770  
Conc: 17.88 ug/ml