

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080520AL\  
 Data File : FC048877.D  
 Signal(s) : FID1A.CH  
 Acq On : 06 Aug 2020 8:01  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 06 08:28:04 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)    | 11.676 | 2553407    | 18.604 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.21%        |
| 12) S 1-chlorooctadecane (S... | 13.107 | 2074178    | 18.406 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.81%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.411  | 2453887    | 20.586 ug/ml  |
| 2) T n-Decane (C10)            | 4.484  | 2508930    | 20.844 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.081  | 2770367    | 20.587 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.509  | 2552763    | 20.866 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.140  | 2813885    | 20.415 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.307  | 2584612    | 20.981 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.911  | 2475633    | 20.223 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.354 | 2525238    | 19.731 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.661 | 2463373    | 19.046 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.274 | 2414911    | 18.630 ug/ml  |
| 13) T n-Docosane (C22)         | 13.861 | 2382376    | 18.349 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.962 | 2326479    | 17.748 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.982 | 2232597    | 17.170 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.931 | 2206423    | 16.886 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.814 | 2178628    | 16.947 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.647 | 2073416    | 17.550 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.428 | 1963691    | 17.592 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.165 | 1873849    | 17.817 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.916 | 1796240    | 18.297 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.863 | 1823044    | 18.760 ug/ml  |
| -----                          |        |            |               |

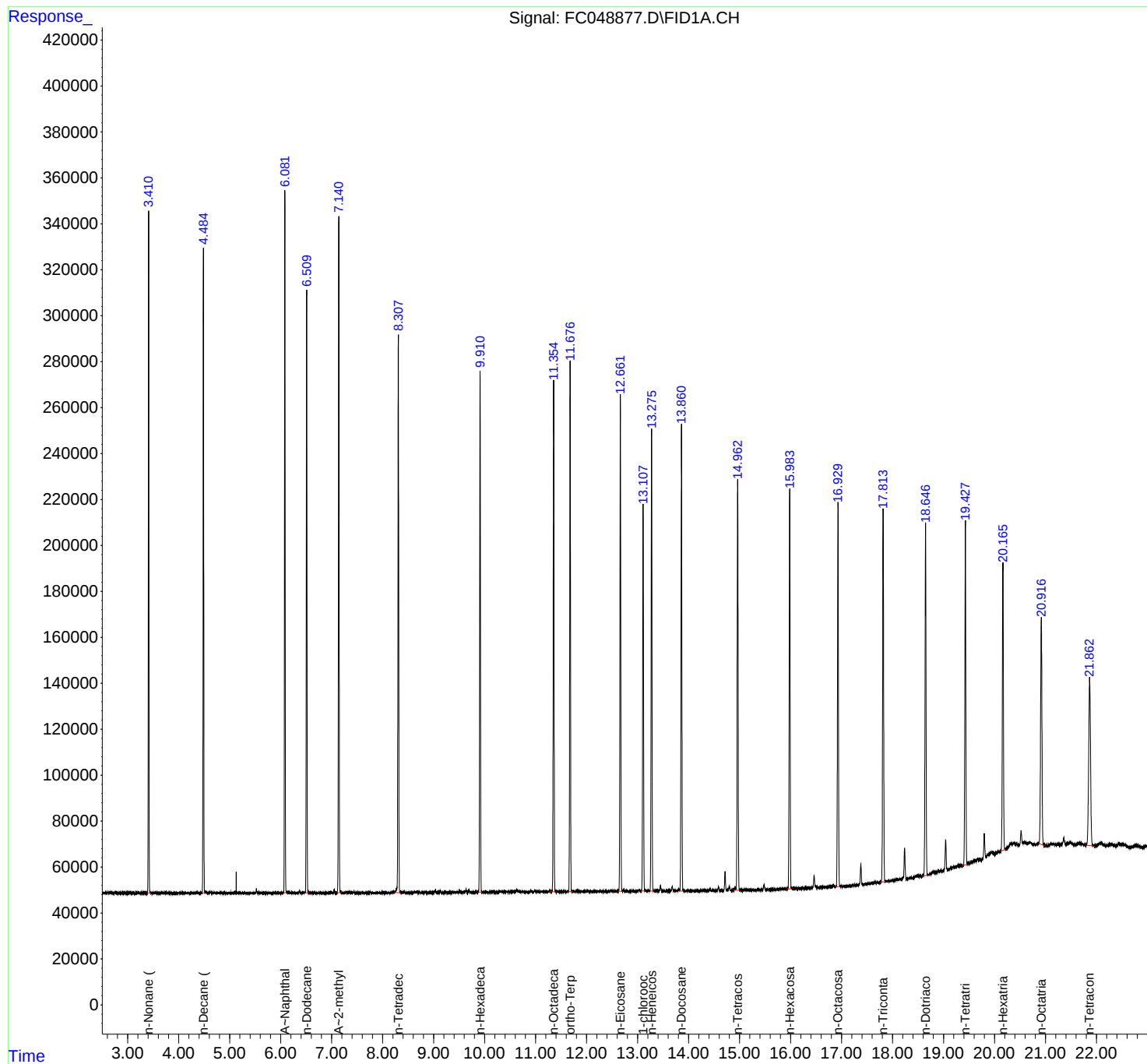
(f)=RT Delta > 1/2 Window

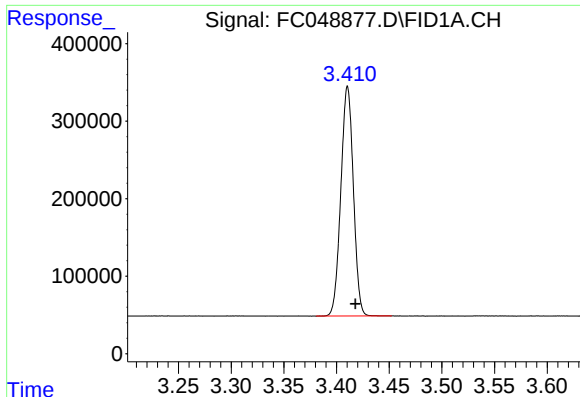
(m)=manual int.

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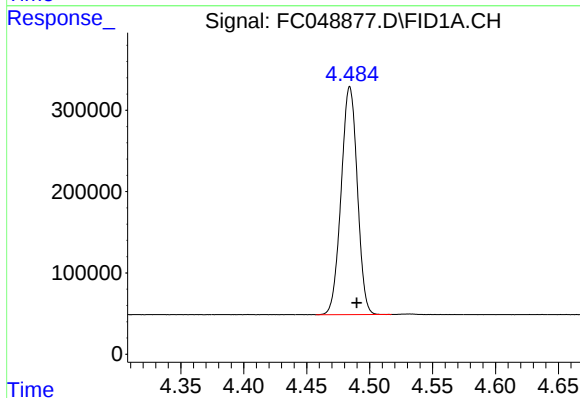
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





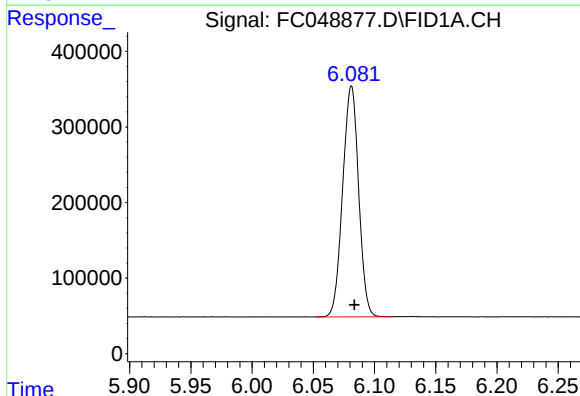
#1 n-Nonane (C9)

R.T.: 3.411 min  
Delta R.T.: -0.007 min  
Response: 2453887  
Conc: 20.59 ug/ml



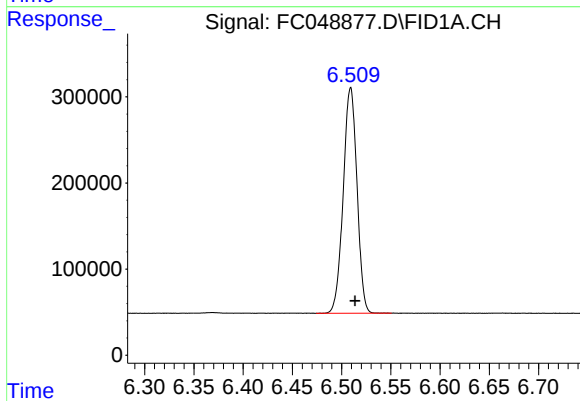
#2 n-Decane (C10)

R.T.: 4.484 min  
Delta R.T.: -0.005 min  
Response: 2508930  
Conc: 20.84 ug/ml



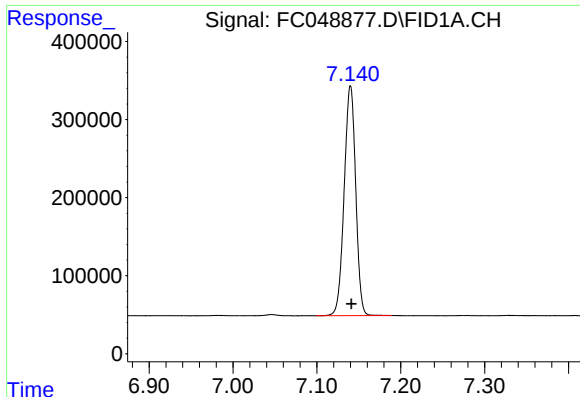
#3 A~Naphthalene (C11.7)

R.T.: 6.081 min  
Delta R.T.: -0.002 min  
Response: 2770367  
Conc: 20.59 ug/ml



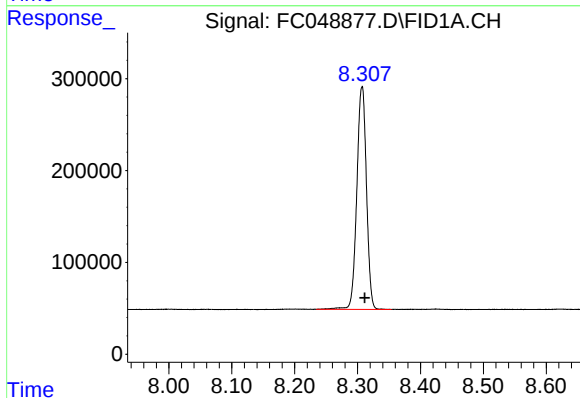
#4 n-Dodecane (C12)

R.T.: 6.509 min  
Delta R.T.: -0.004 min  
Response: 2552763  
Conc: 20.87 ug/ml



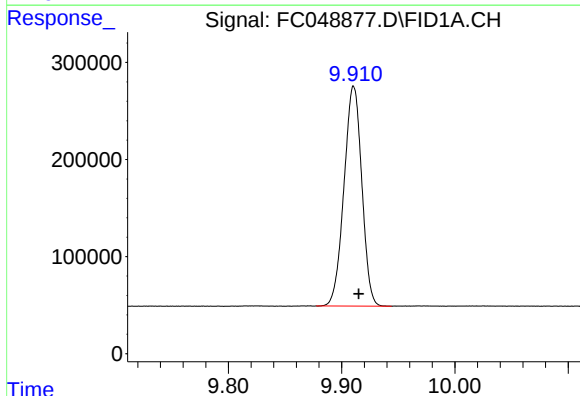
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.140 min  
Delta R.T.: -0.001 min  
Response: 2813885  
Conc: 20.42 ug/ml



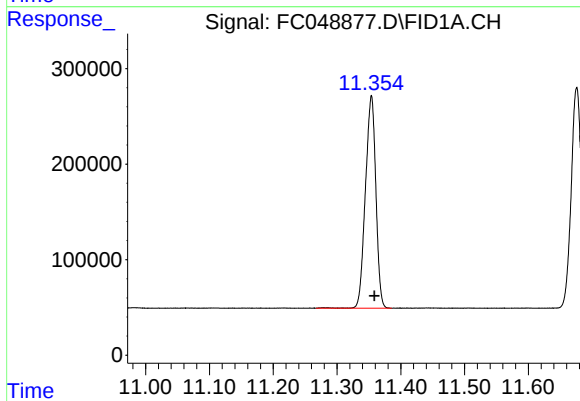
#6 n-Tetradecane (C14)

R.T.: 8.307 min  
Delta R.T.: -0.004 min  
Response: 2584612  
Conc: 20.98 ug/ml



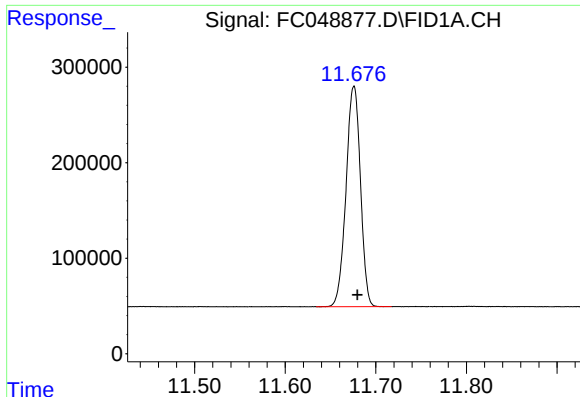
#7 n-Hexadecane (C16)

R.T.: 9.911 min  
Delta R.T.: -0.004 min  
Response: 2475633  
Conc: 20.22 ug/ml



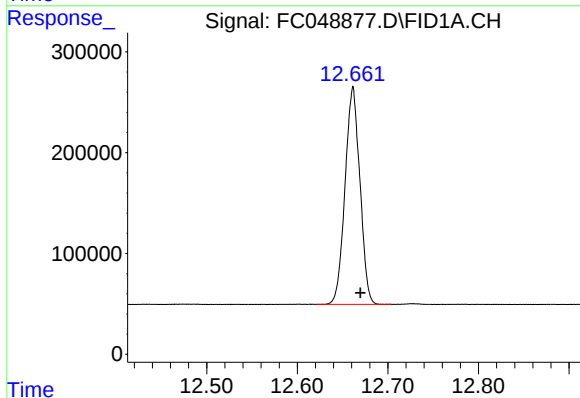
#8 n-Octadecane (C18)

R.T.: 11.354 min  
Delta R.T.: -0.005 min  
Response: 2525238  
Conc: 19.73 ug/ml



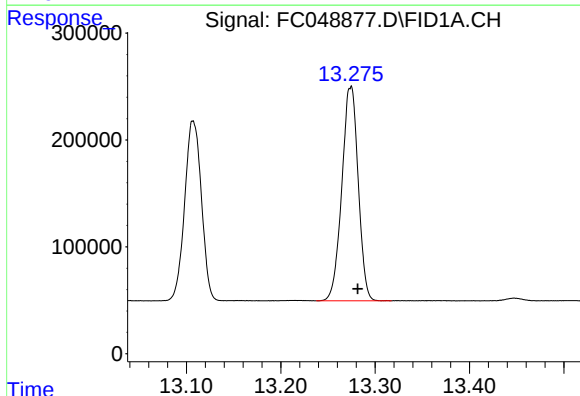
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min  
Delta R.T.: -0.004 min  
Response: 2553407  
Conc: 18.60 ug/ml



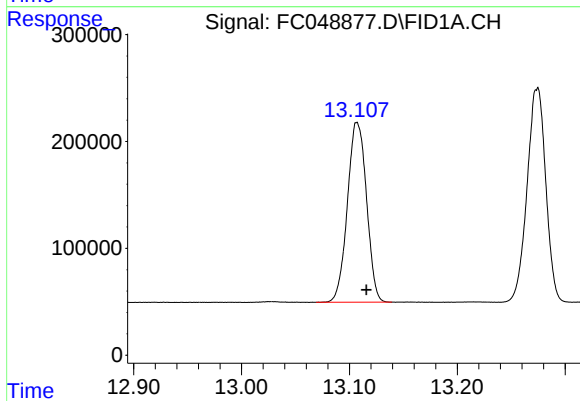
#10 n-Eicosane (C20)

R.T.: 12.661 min  
Delta R.T.: -0.008 min  
Response: 2463373  
Conc: 19.05 ug/ml



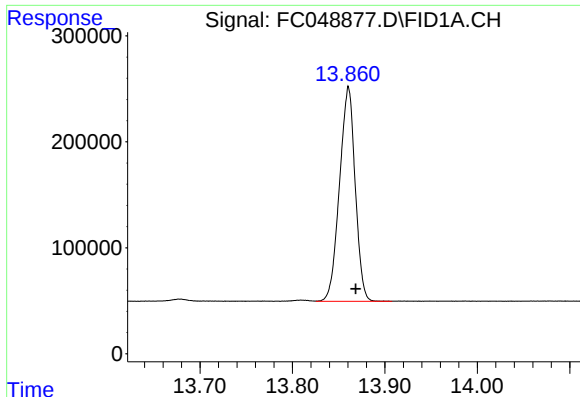
#11 n-Heneicosane (C21)

R.T.: 13.274 min  
Delta R.T.: -0.007 min  
Response: 2414911  
Conc: 18.63 ug/ml



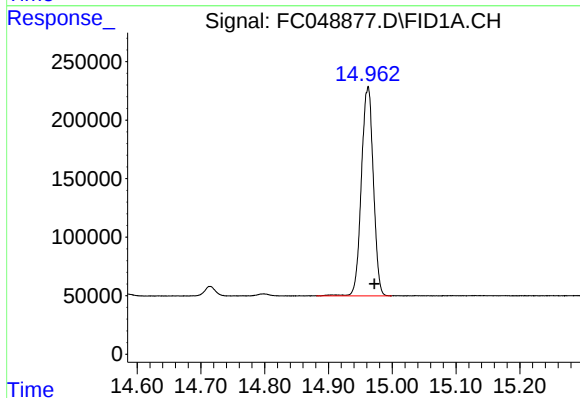
#12 1-chlorooctadecane (SURR)

R.T.: 13.107 min  
Delta R.T.: -0.009 min  
Response: 2074178  
Conc: 18.41 ug/ml



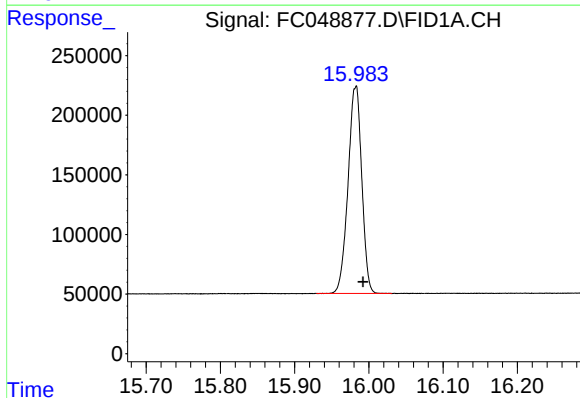
#13 n-Docosane (C22)

R.T.: 13.861 min  
Delta R.T.: -0.008 min  
Response: 2382376  
Conc: 18.35 ug/ml



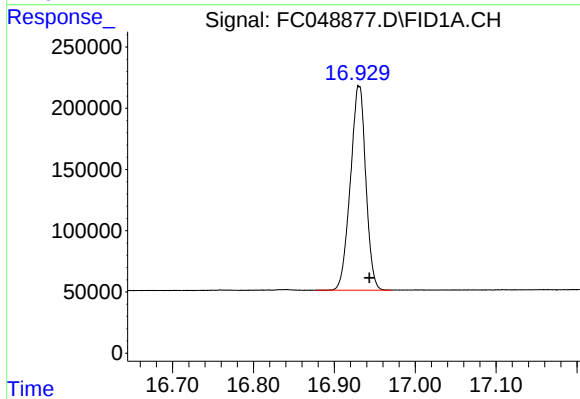
#14 n-Tetracosane (C24)

R.T.: 14.962 min  
Delta R.T.: -0.010 min  
Response: 2326479  
Conc: 17.75 ug/ml



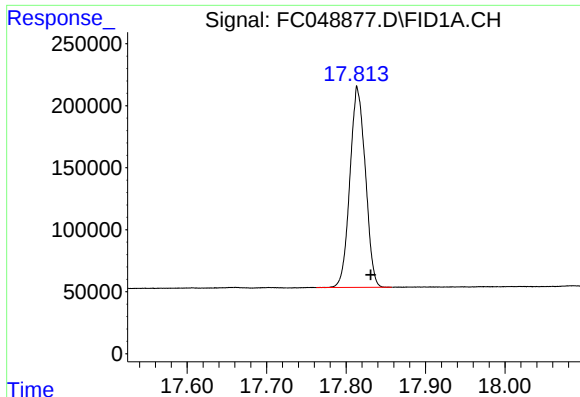
#15 n-Hexacosane (C26)

R.T.: 15.982 min  
Delta R.T.: -0.010 min  
Response: 2232597  
Conc: 17.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.931 min  
Delta R.T.: -0.013 min  
Response: 2206423  
Conc: 16.89 ug/ml



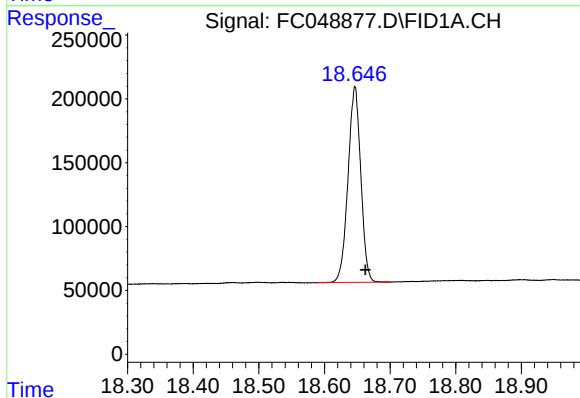
#17 n-Tricontane (C30)

R.T.: 17.814 min

Delta R.T.: -0.017 min

Response: 2178628

Conc: 16.95 ug/ml



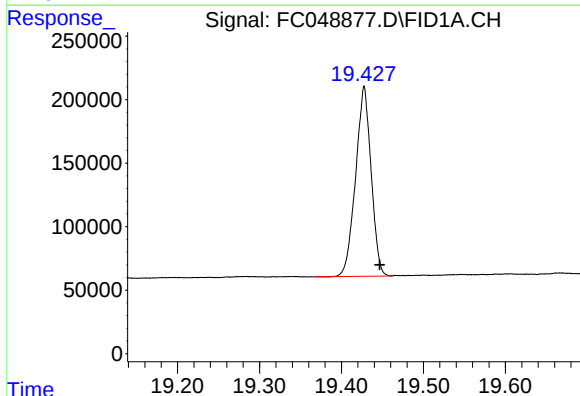
#18 n-Dotriacontane (C32)

R.T.: 18.647 min

Delta R.T.: -0.016 min

Response: 2073416

Conc: 17.55 ug/ml



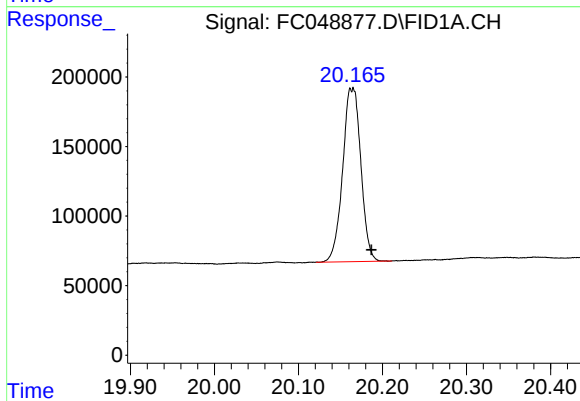
#19 n-Tetratriacontane (C34)

R.T.: 19.428 min

Delta R.T.: -0.019 min

Response: 1963691

Conc: 17.59 ug/ml



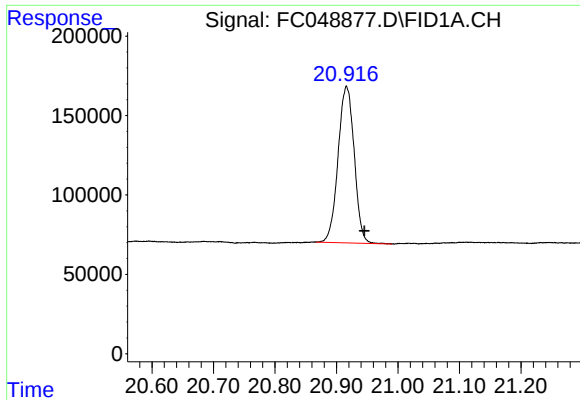
#20 n-Hexatriacontane (C36)

R.T.: 20.165 min

Delta R.T.: -0.022 min

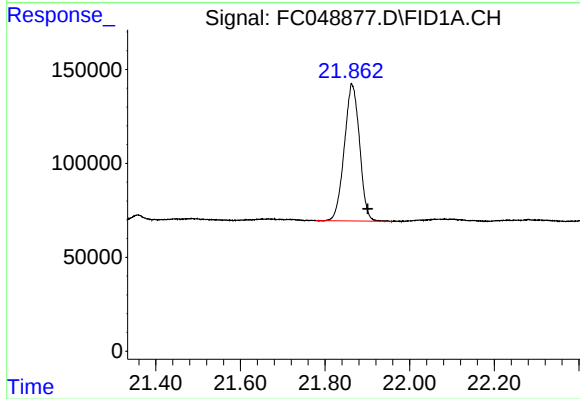
Response: 1873849

Conc: 17.82 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.916 min  
Delta R.T.: -0.030 min  
Response: 1796240  
Conc: 18.30 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.863 min  
Delta R.T.: -0.038 min  
Response: 1823044  
Conc: 18.76 ug/ml