

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC082020AL\  
 Data File : FC049143.D  
 Signal(s) : FID1A.CH  
 Acq On : 21 Aug 2020 9:41  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 21 10:09:02 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 080720.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Aug 08 02:38:47 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)    | 11.679 | 2384751    | 20.071 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.14%        |
| 12) S 1-chlorooctadecane (S... | 13.111 | 1928300    | 19.822 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.64%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.408  | 2143371    | 20.550 ug/ml  |
| 2) T n-Decane (C10)            | 4.484  | 2195422    | 20.931 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.084  | 2495215    | 21.098 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.511  | 2244093    | 21.158 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.145  | 2551813    | 21.165 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.310  | 2247622    | 21.343 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.912  | 2220373    | 21.154 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.356 | 2287426    | 20.821 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.666 | 2264001    | 20.345 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.278 | 2229590    | 19.959 ug/ml  |
| 13) T n-Docosane (C22)         | 13.864 | 2198189    | 19.557 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.966 | 2121825    | 18.664 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.985 | 2032037    | 17.760 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.936 | 1977533    | 16.998 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.822 | 1917730    | 16.590 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.653 | 1774319    | 16.410 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.436 | 1686215    | 16.258 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.173 | 1634607    | 16.440 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.928 | 1590680    | 16.822 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.879 | 1640686    | 17.186 ug/mlm |
| -----                          |        |            |               |

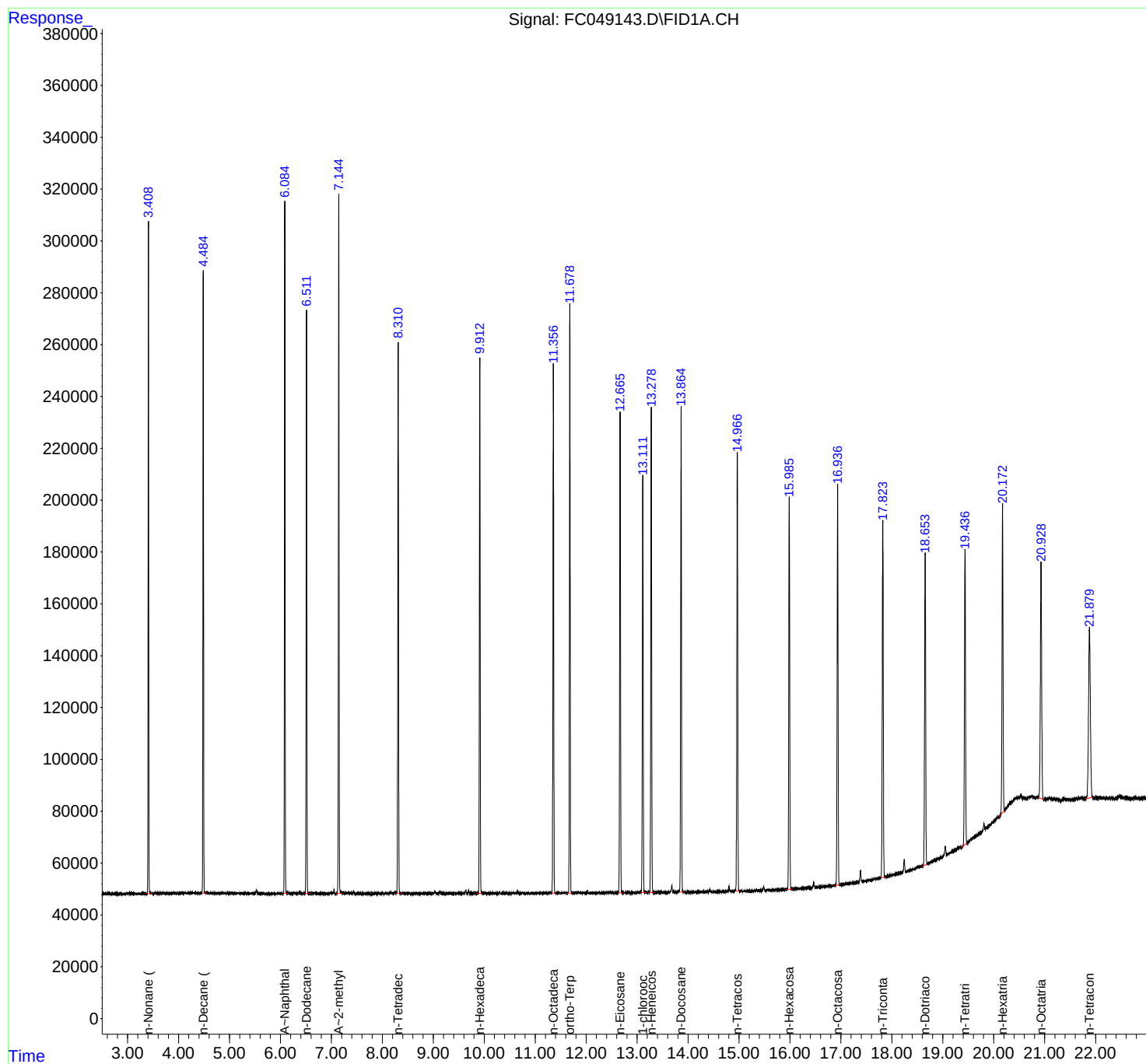
(f)=RT Delta > 1/2 Window

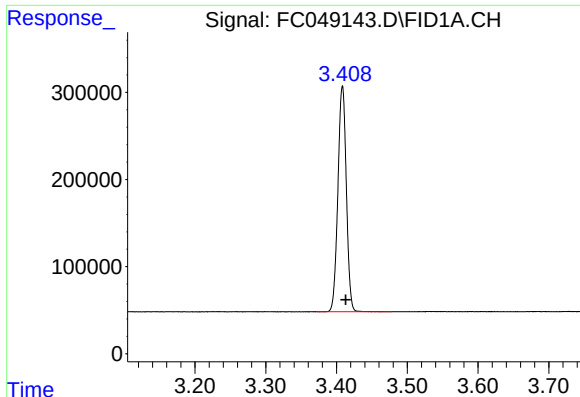
(m)=manual int.

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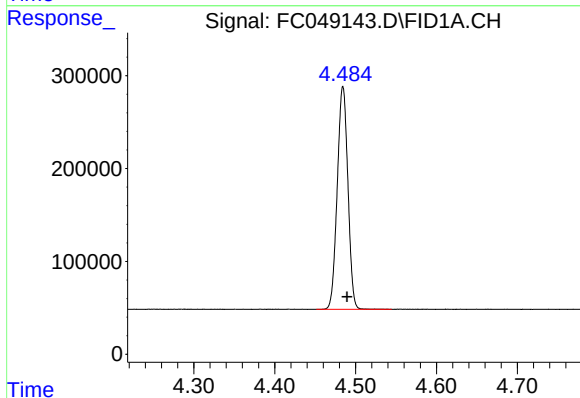
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





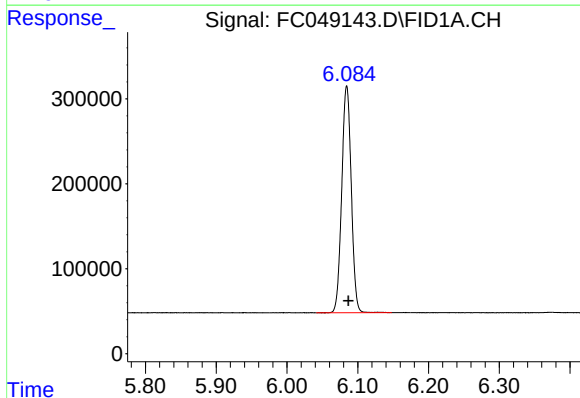
#1 n-Nonane (C9)

R.T.: 3.408 min  
Delta R.T.: -0.005 min  
Response: 2143371  
Conc: 20.55 ug/ml



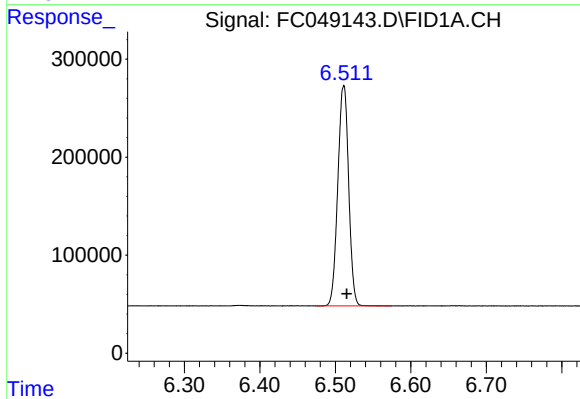
#2 n-Decane (C10)

R.T.: 4.484 min  
Delta R.T.: -0.005 min  
Response: 2195422  
Conc: 20.93 ug/ml



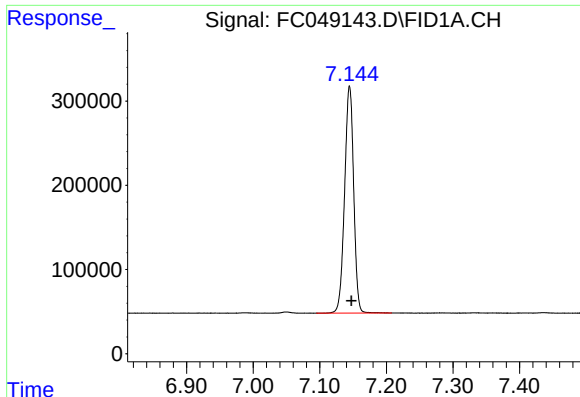
#3 A~Naphthalene (C11.7)

R.T.: 6.084 min  
Delta R.T.: -0.002 min  
Response: 2495215  
Conc: 21.10 ug/ml



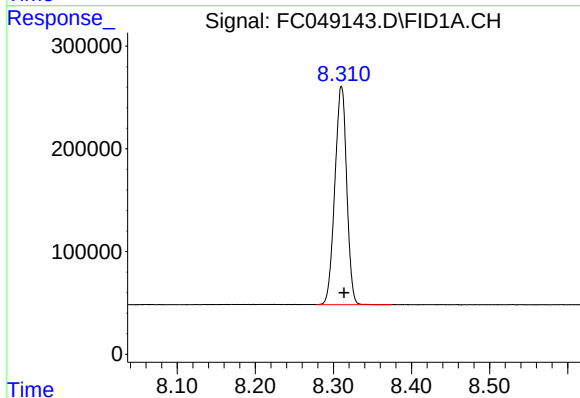
#4 n-Dodecane (C12)

R.T.: 6.511 min  
Delta R.T.: -0.004 min  
Response: 2244093  
Conc: 21.16 ug/ml



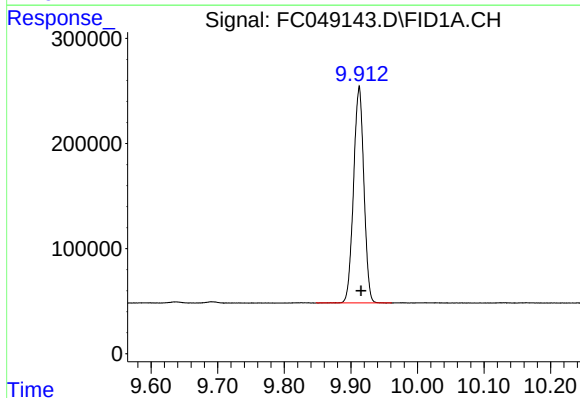
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.145 min  
Delta R.T.: -0.003 min  
Response: 2551813  
Conc: 21.16 ug/ml



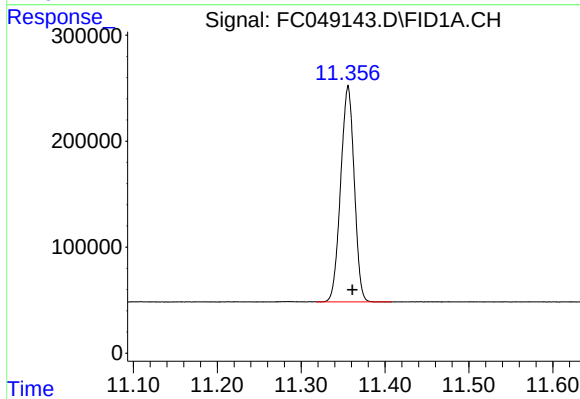
#6 n-Tetradecane (C14)

R.T.: 8.310 min  
Delta R.T.: -0.003 min  
Response: 2247622  
Conc: 21.34 ug/ml



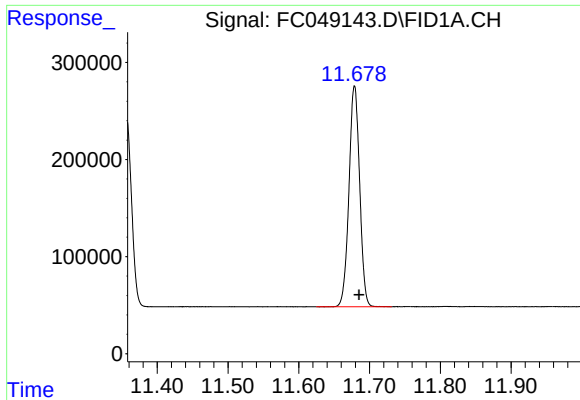
#7 n-Hexadecane (C16)

R.T.: 9.912 min  
Delta R.T.: -0.003 min  
Response: 2220373  
Conc: 21.15 ug/ml



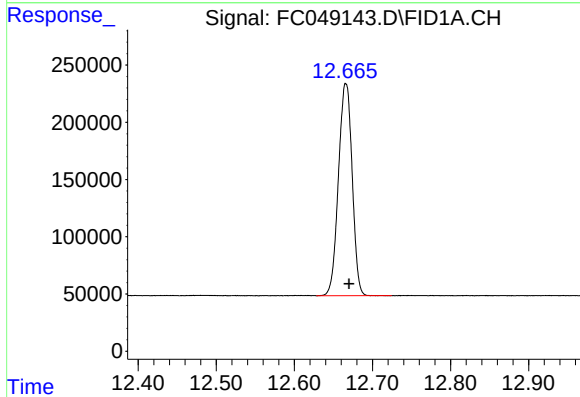
#8 n-Octadecane (C18)

R.T.: 11.356 min  
Delta R.T.: -0.005 min  
Response: 2287426  
Conc: 20.82 ug/ml



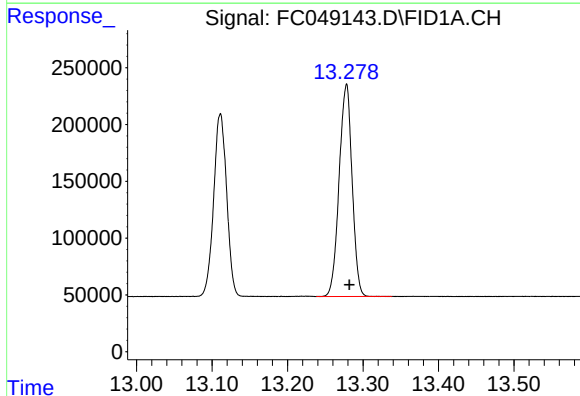
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min  
Delta R.T.: -0.007 min  
Response: 2384751  
Conc: 20.07 ug/ml



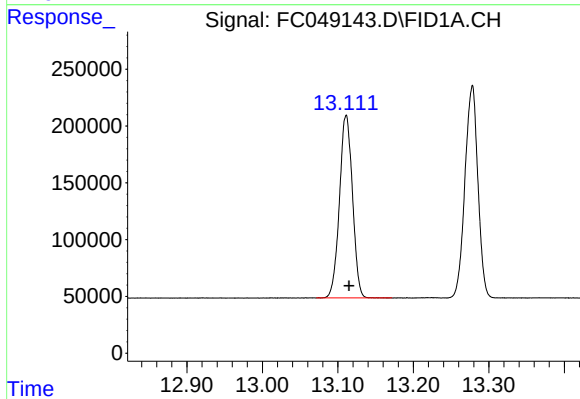
#10 n-Eicosane (C20)

R.T.: 12.666 min  
Delta R.T.: -0.004 min  
Response: 2264001  
Conc: 20.34 ug/ml



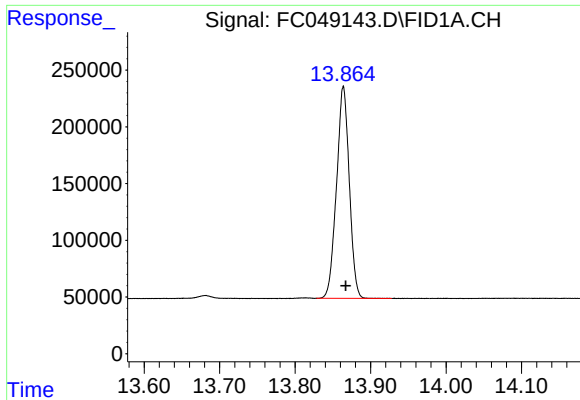
#11 n-Heneicosane (C21)

R.T.: 13.278 min  
Delta R.T.: -0.004 min  
Response: 2229590  
Conc: 19.96 ug/ml



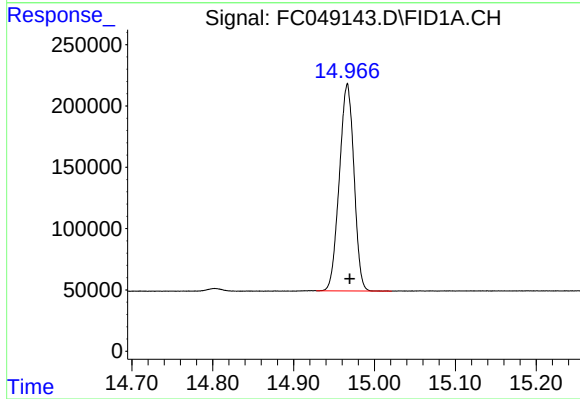
#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min  
Delta R.T.: -0.004 min  
Response: 1928300  
Conc: 19.82 ug/ml



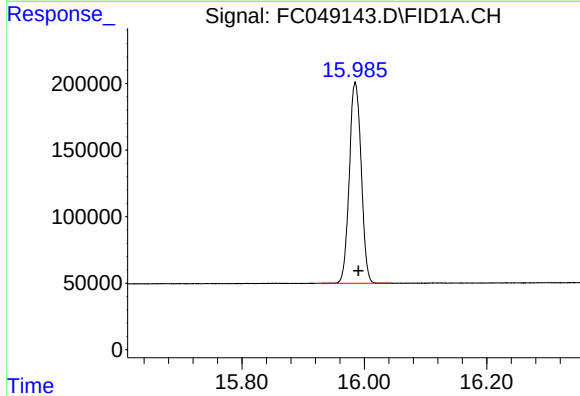
#13 n-Docosane (C22)

R.T.: 13.864 min  
Delta R.T.: -0.003 min  
Response: 2198189  
Conc: 19.56 ug/ml



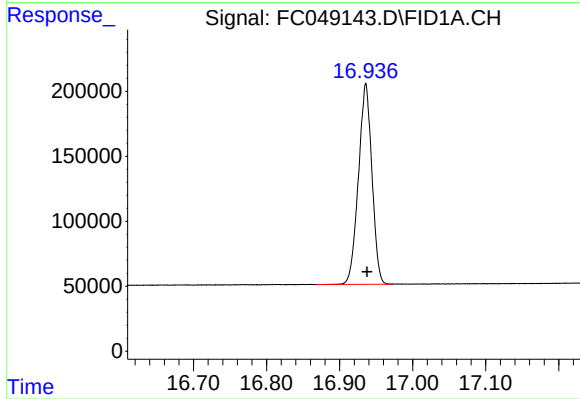
#14 n-Tetracosane (C24)

R.T.: 14.966 min  
Delta R.T.: -0.003 min  
Response: 2121825  
Conc: 18.66 ug/ml



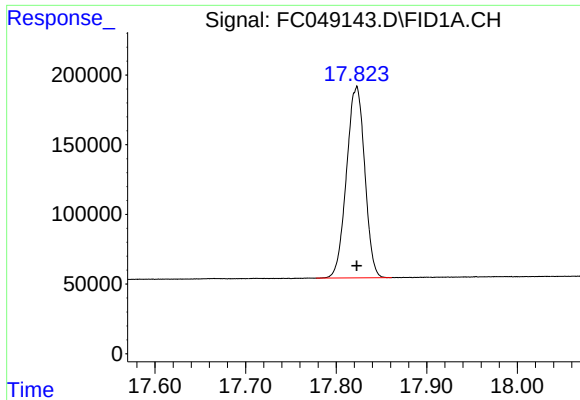
#15 n-Hexacosane (C26)

R.T.: 15.985 min  
Delta R.T.: -0.005 min  
Response: 2032037  
Conc: 17.76 ug/ml



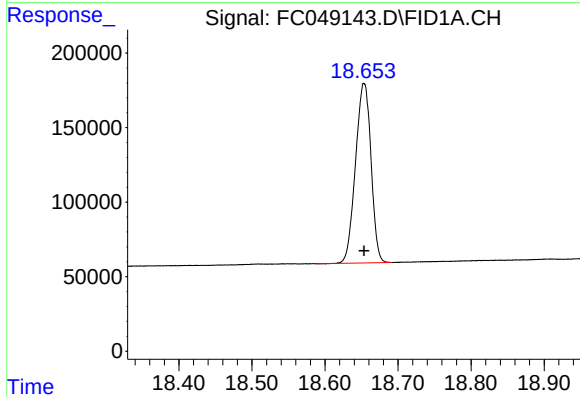
#16 n-Octacosane (C28)

R.T.: 16.936 min  
Delta R.T.: -0.002 min  
Response: 1977533  
Conc: 17.00 ug/ml



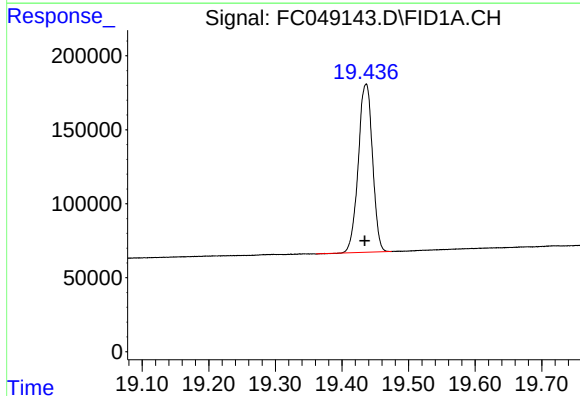
#17 n-Tricontane (C30)

R.T.: 17.822 min  
Delta R.T.: 0.000 min  
Response: 1917730  
Conc: 16.59 ug/ml



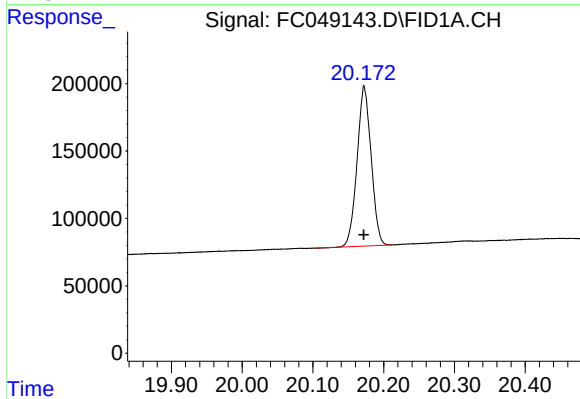
#18 n-Dotriacontane (C32)

R.T.: 18.653 min  
Delta R.T.: 0.000 min  
Response: 1774319  
Conc: 16.41 ug/ml



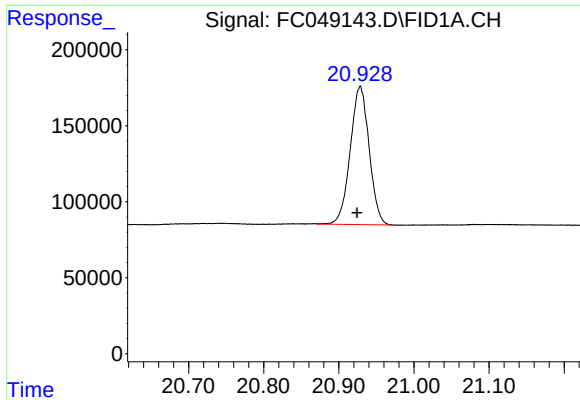
#19 n-Tetratriacontane (C34)

R.T.: 19.436 min  
Delta R.T.: 0.002 min  
Response: 1686215  
Conc: 16.26 ug/ml



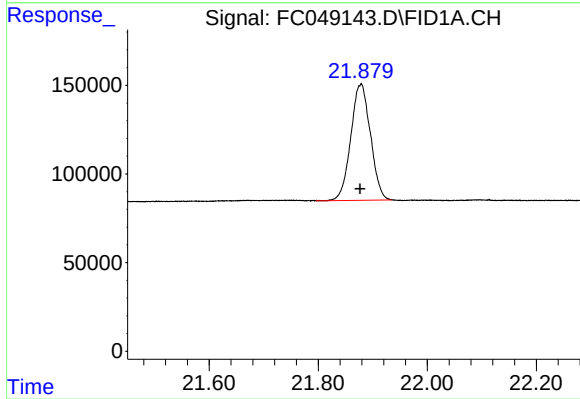
#20 n-Hexatriacontane (C36)

R.T.: 20.173 min  
Delta R.T.: 0.000 min  
Response: 1634607  
Conc: 16.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.928 min  
Delta R.T.: 0.004 min  
Response: 1590680  
Conc: 16.82 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.879 min  
Delta R.T.: 0.002 min  
Response: 1640686  
Conc: 17.19 ug/ml m