

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC021021AL\  
 Data File : FC051995.D  
 Signal(s) : FID1A.CH  
 Acq On : 11 Feb 2021 7:32  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 11 08:01:53 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 011921.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 20 00:48:48 2021  
 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)    | 11.696 | 2428064    | 19.033 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.07%        |
| 12) S 1-chlorooctadecane (S... | 13.127 | 1916219    | 18.603 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.21%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.448  | 2348189    | 21.421 ug/ml  |
| 2) T n-Decane (C10)            | 4.517  | 2379723    | 21.532 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.112  | 2651166    | 21.263 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.537  | 2428332    | 21.559 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.169  | 2693267    | 21.070 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.332  | 2423470    | 21.278 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.931  | 2359825    | 20.773 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.373 | 2388401    | 20.036 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.682 | 2325739    | 19.226 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.294 | 2271783    | 18.700 ug/ml  |
| 13) T n-Docosane (C22)         | 13.879 | 2227521    | 18.316 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.982 | 2148265    | 17.627 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.002 | 2047870    | 17.109 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.952 | 1993213    | 17.037 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.838 | 1987292    | 17.699 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.671 | 1950506    | 18.850 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.455 | 1931609    | 20.410 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.195 | 1884416    | 21.640 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.948 | 1847727    | 22.513 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.898 | 1857468    | 21.741 ug/ml  |
| -----                          |        |            |               |

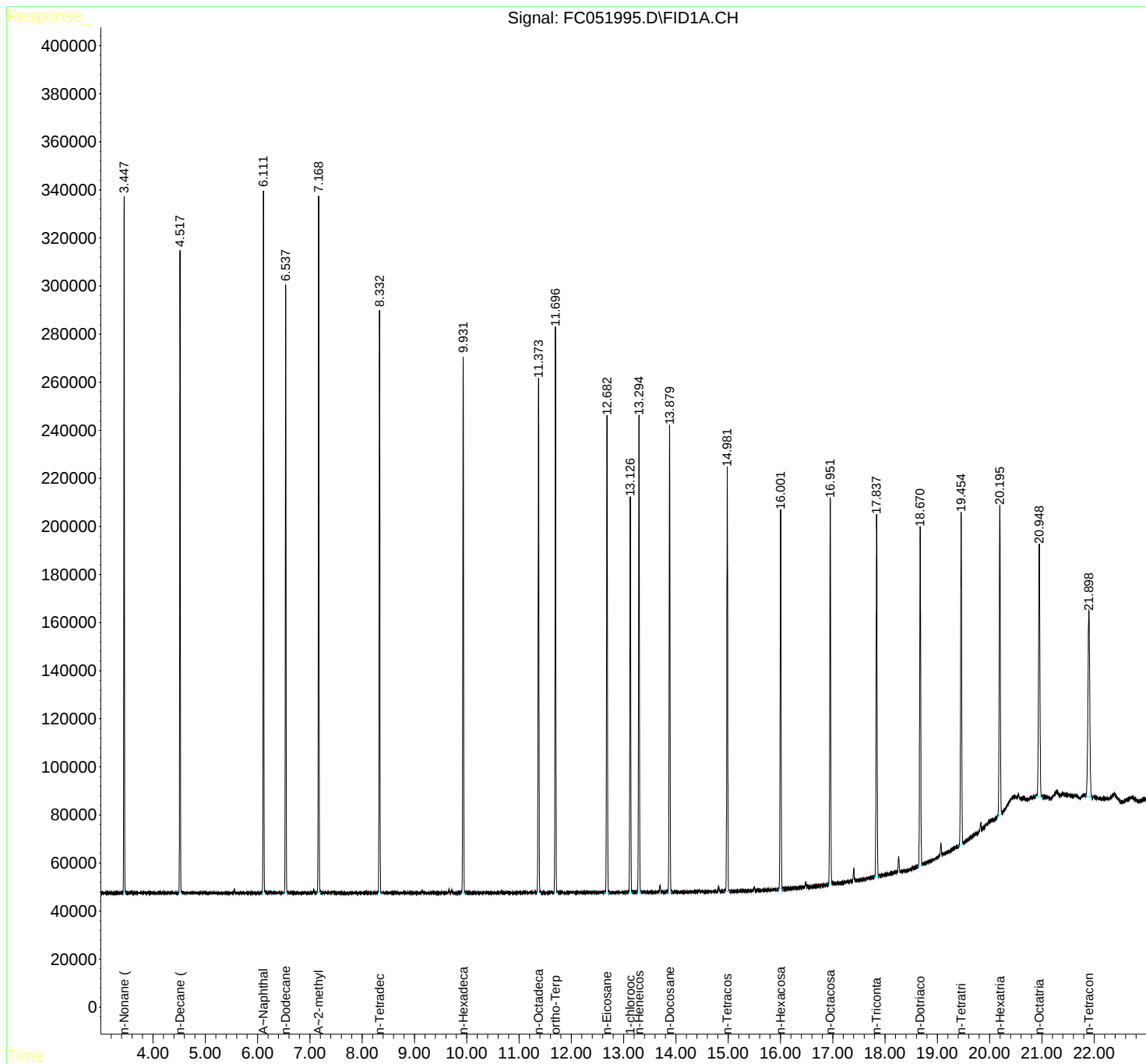
(f)=RT Delta > 1/2 Window

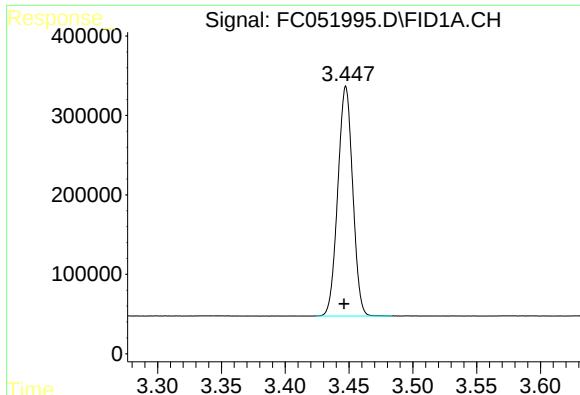
(m)=manual int.

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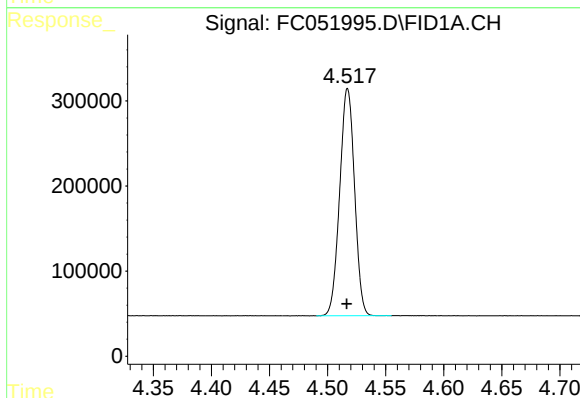
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Signal Info : 20M x 0.18mm x 0.18um





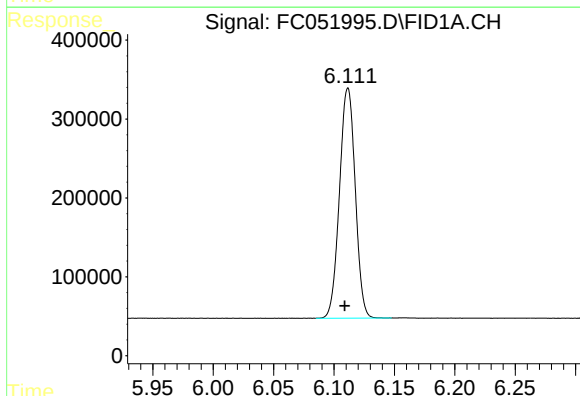
#1 n-Nonane (C9)

R.T.: 3.448 min  
Delta R.T.: 0.002 min  
Response: 2348189  
Conc: 21.42 ug/ml



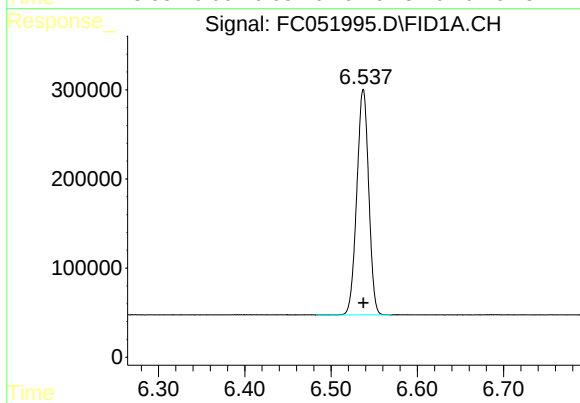
#2 n-Decane (C10)

R.T.: 4.517 min  
Delta R.T.: 0.000 min  
Response: 2379723  
Conc: 21.53 ug/ml



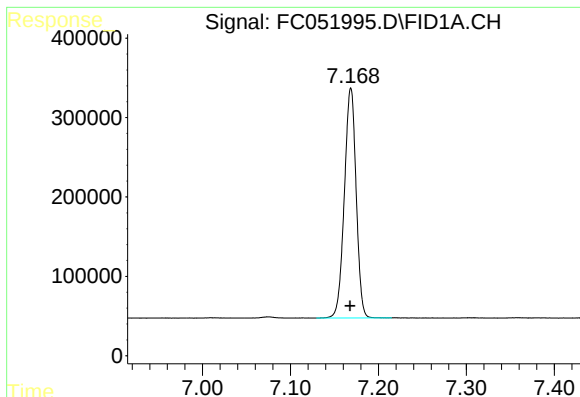
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min  
Delta R.T.: 0.003 min  
Response: 2651166  
Conc: 21.26 ug/ml



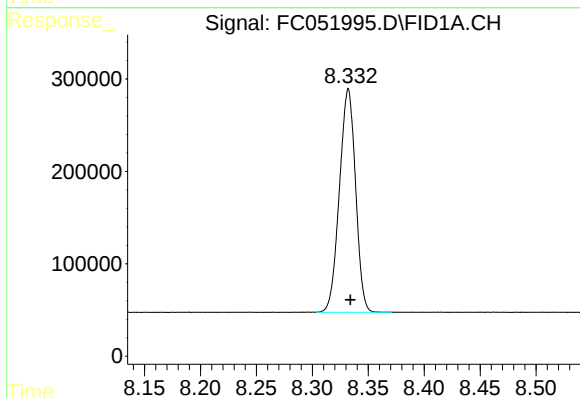
#4 n-Dodecane (C12)

R.T.: 6.537 min  
Delta R.T.: 0.000 min  
Response: 2428332  
Conc: 21.56 ug/ml



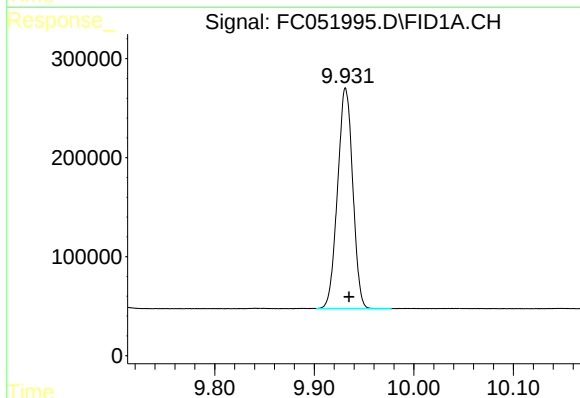
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.169 min  
Delta R.T.: 0.000 min  
Response: 2693267  
Conc: 21.07 ug/ml



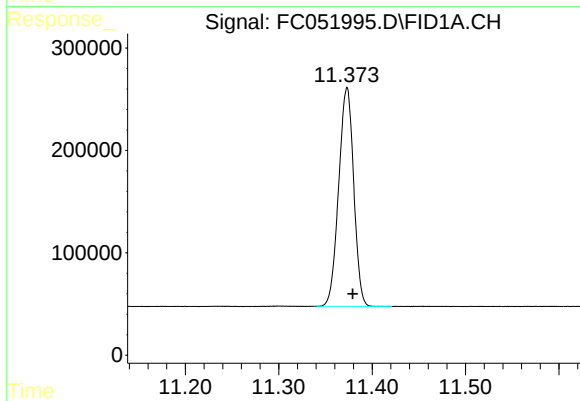
#6 n-Tetradecane (C14)

R.T.: 8.332 min  
Delta R.T.: -0.002 min  
Response: 2423470  
Conc: 21.28 ug/ml



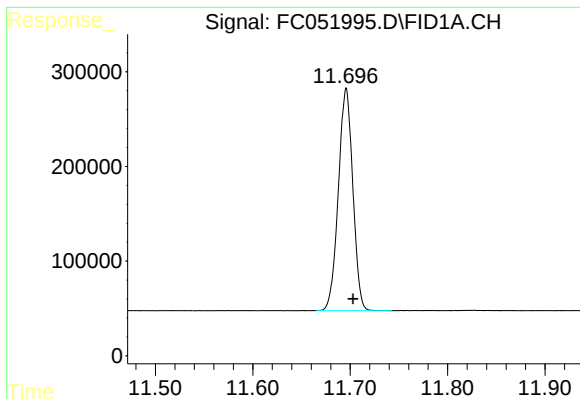
#7 n-Hexadecane (C16)

R.T.: 9.931 min  
Delta R.T.: -0.004 min  
Response: 2359825  
Conc: 20.77 ug/ml



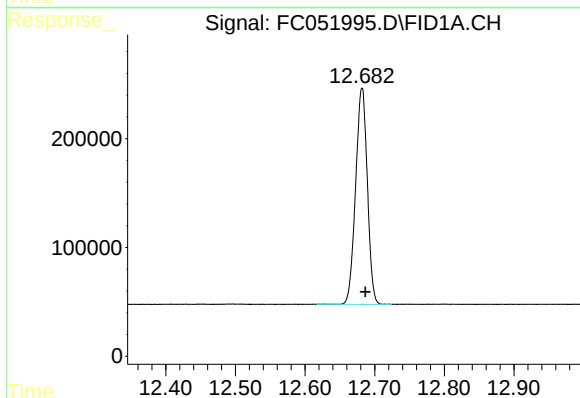
#8 n-Octadecane (C18)

R.T.: 11.373 min  
Delta R.T.: -0.006 min  
Response: 2388401  
Conc: 20.04 ug/ml



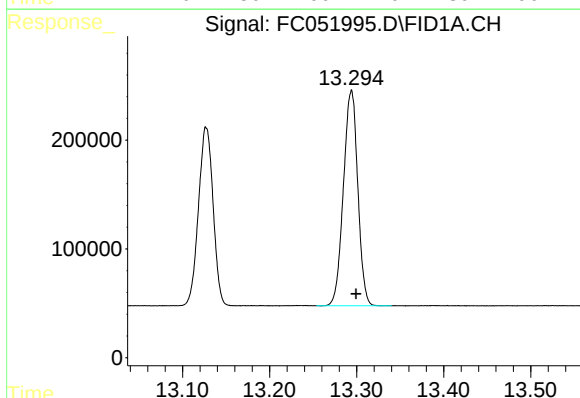
#9 ortho-Terphenyl (SURR)

R.T.: 11.696 min  
Delta R.T.: -0.007 min  
Response: 2428064  
Conc: 19.03 ug/ml



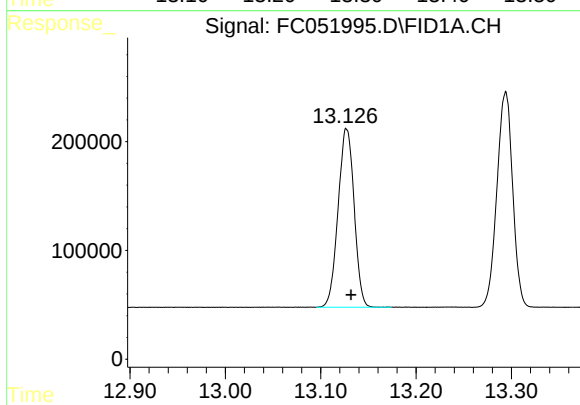
#10 n-Eicosane (C20)

R.T.: 12.682 min  
Delta R.T.: -0.005 min  
Response: 2325739  
Conc: 19.23 ug/ml



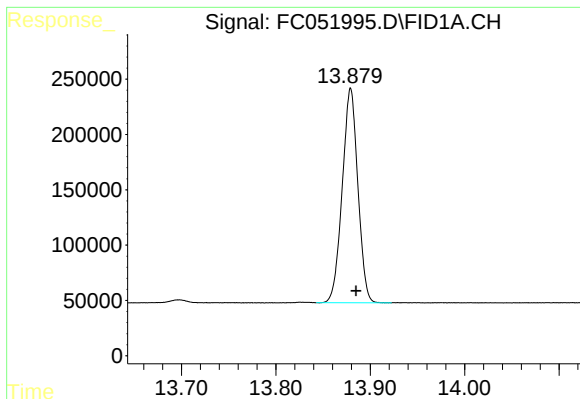
#11 n-Heneicosane (C21)

R.T.: 13.294 min  
Delta R.T.: -0.005 min  
Response: 2271783  
Conc: 18.70 ug/ml



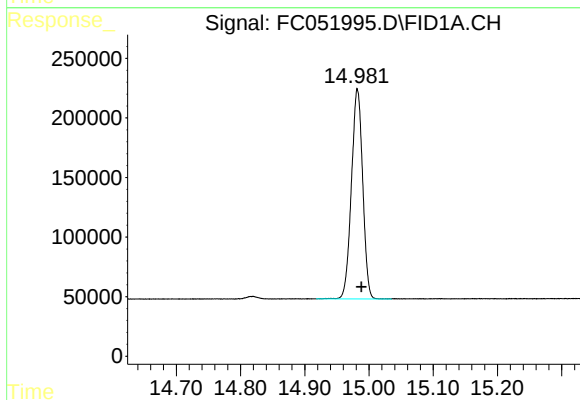
#12 1-chlorooctadecane (SURR)

R.T.: 13.127 min  
Delta R.T.: -0.005 min  
Response: 1916219  
Conc: 18.60 ug/ml



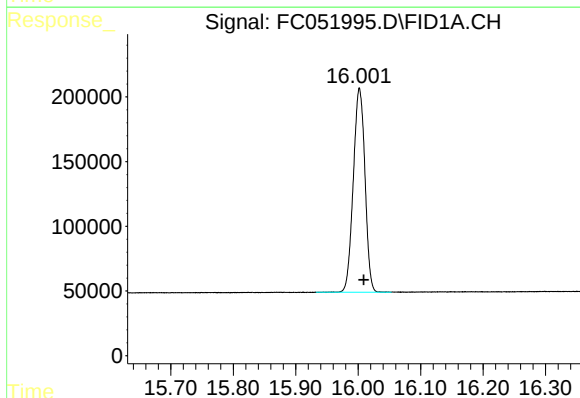
#13 n-Docosane (C22)

R.T.: 13.879 min  
Delta R.T.: -0.006 min  
Response: 2227521  
Conc: 18.32 ug/ml



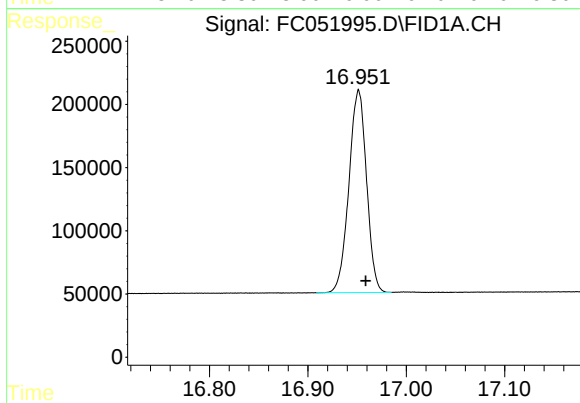
#14 n-Tetracosane (C24)

R.T.: 14.982 min  
Delta R.T.: -0.007 min  
Response: 2148265  
Conc: 17.63 ug/ml



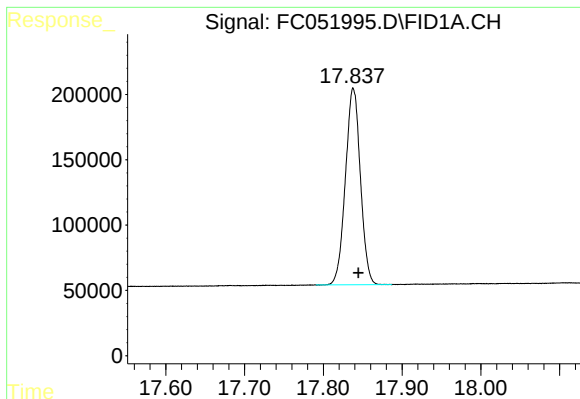
#15 n-Hexacosane (C26)

R.T.: 16.002 min  
Delta R.T.: -0.007 min  
Response: 2047870  
Conc: 17.11 ug/ml



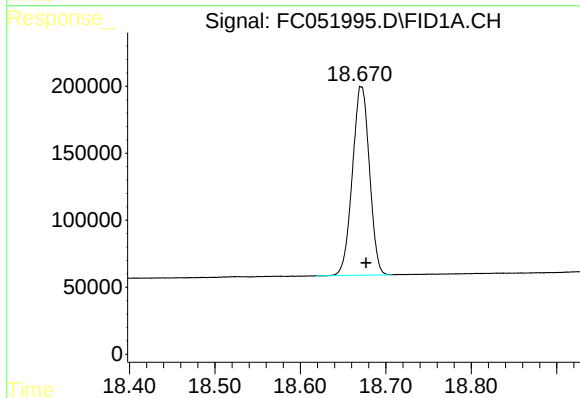
#16 n-Octacosane (C28)

R.T.: 16.952 min  
Delta R.T.: -0.007 min  
Response: 1993213  
Conc: 17.04 ug/ml



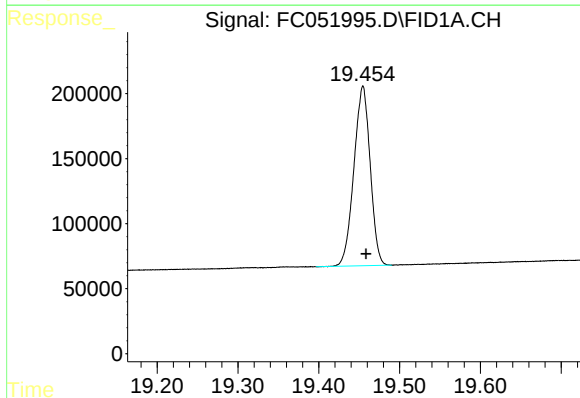
#17 n-Tricontane (C30)

R.T.: 17.838 min  
Delta R.T.: -0.007 min  
Response: 1987292  
Conc: 17.70 ug/ml



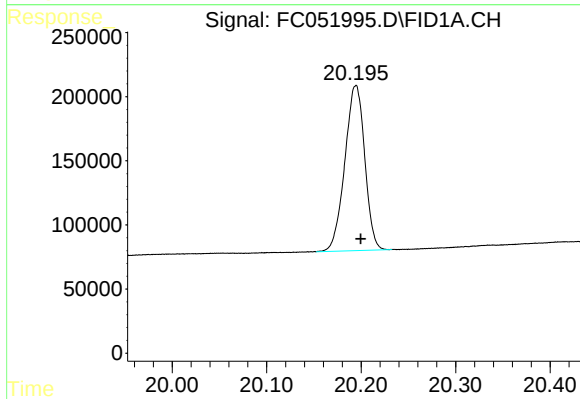
#18 n-Dotriacontane (C32)

R.T.: 18.671 min  
Delta R.T.: -0.006 min  
Response: 1950506  
Conc: 18.85 ug/ml



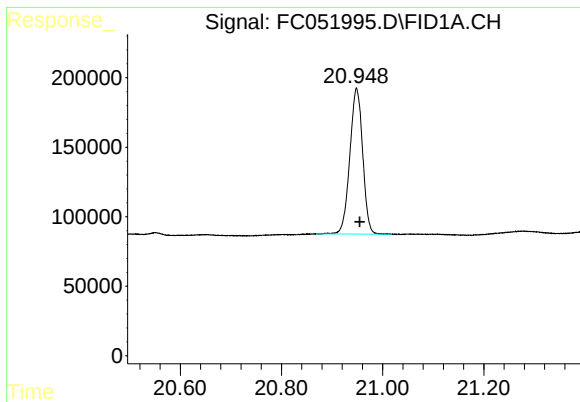
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min  
Delta R.T.: -0.004 min  
Response: 1931609  
Conc: 20.41 ug/ml



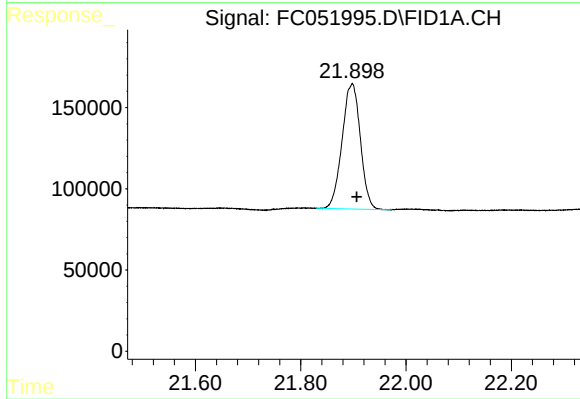
#20 n-Hexatriacontane (C36)

R.T.: 20.195 min  
Delta R.T.: -0.005 min  
Response: 1884416  
Conc: 21.64 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.948 min  
Delta R.T.: -0.006 min  
Response: 1847727  
Conc: 22.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.898 min  
Delta R.T.: -0.008 min  
Response: 1857468  
Conc: 21.74 ug/ml