

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC082018AL\  
 Data File : FC035963.D  
 Signal(s) : FID1A.CH  
 Acq On : 20 Aug 2018 10:56  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 20 15:43:36 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 080218.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 02 15:00:20 2018  
 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)    | 11.418 | 2253198    | 22.250 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 44.50%        |
| 12) S 1-chlorooctadecane (S... | 12.857 | 1620180    | 21.027 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 42.05%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.217  | 1687123    | 24.290 ug/ml  |
| 2) T n-Decane (C10)            | 4.285  | 1723925    | 24.496 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.859  | 2043510    | 25.408 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.298  | 1790219    | 24.401 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.909  | 2003708    | 24.467 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.084  | 1850765    | 23.630 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.678  | 1875601    | 22.242 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.114 | 1906331    | 21.537 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.418 | 1910080    | 21.200 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.027 | 1893202    | 21.139 ug/ml  |
| 13) T n-Docosane (C22)         | 13.610 | 1882848    | 21.441 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.708 | 1866671    | 21.734 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.725 | 1831942    | 21.801 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.671 | 1817073    | 20.846 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.556 | 1785623    | 18.274 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.383 | 1791200    | 19.573 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.164 | 1777369    | 20.823 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.901 | 1766579    | 22.581 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.614 | 1702589    | 22.280 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.462 | 1632529    | 21.362 ug/ml  |
| -----                          |        |            |               |

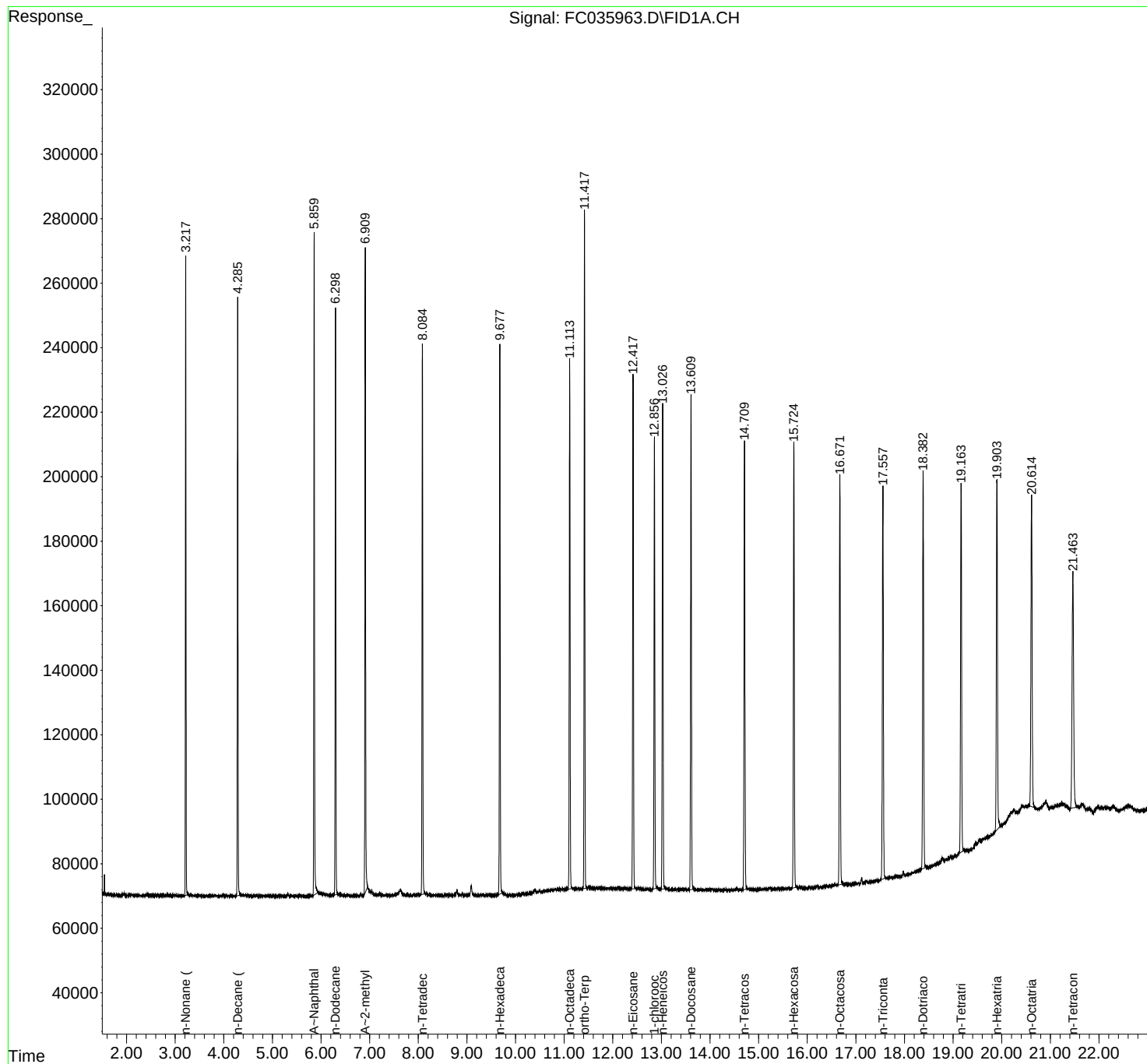
(f)=RT Delta > 1/2 Window

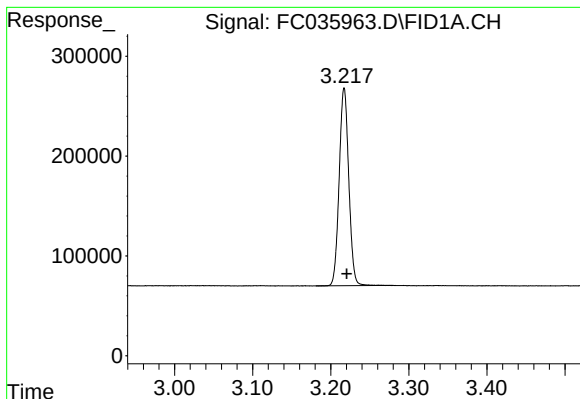
(m)=manual int.

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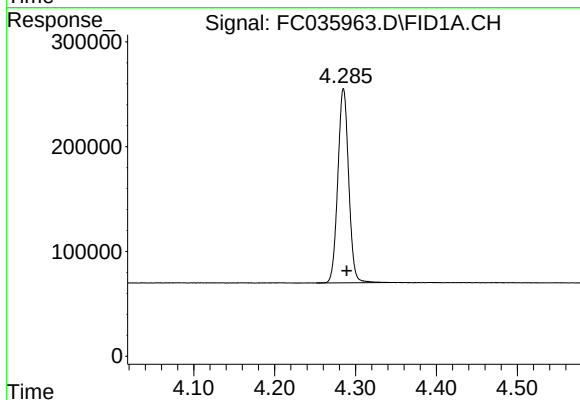
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Signal Info : 20M x 0.18mm x 0.18um





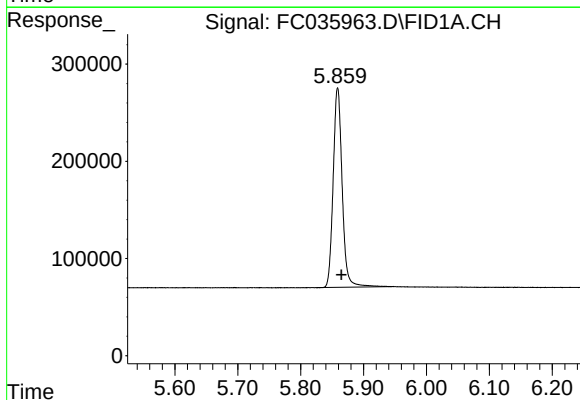
#1 n-Nonane (C9)

R.T.: 3.217 min  
Delta R.T.: -0.003 min  
Response: 1687123  
Conc: 24.29 ug/ml



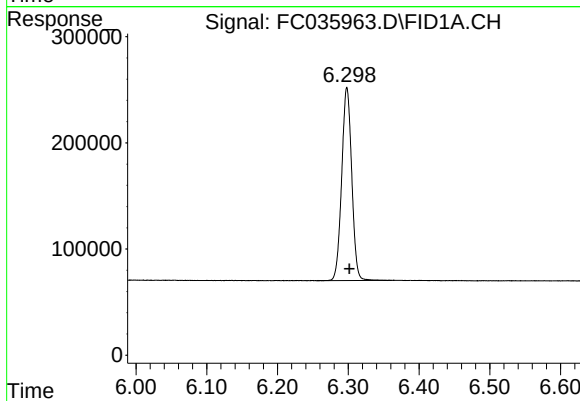
#2 n-Decane (C10)

R.T.: 4.285 min  
Delta R.T.: -0.004 min  
Response: 1723925  
Conc: 24.50 ug/ml



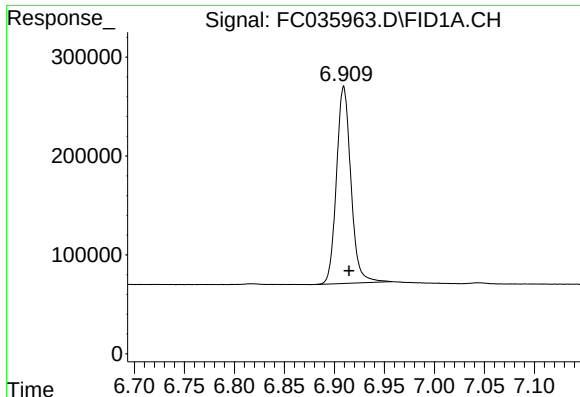
#3 A~Naphthalene (C11.7)

R.T.: 5.859 min  
Delta R.T.: -0.006 min  
Response: 2043510  
Conc: 25.41 ug/ml



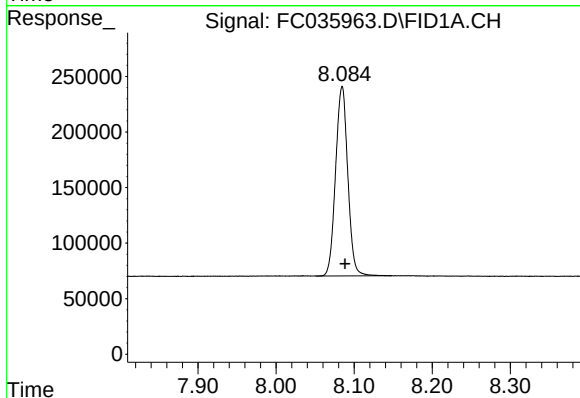
#4 n-Dodecane (C12)

R.T.: 6.298 min  
Delta R.T.: -0.003 min  
Response: 1790219  
Conc: 24.40 ug/ml



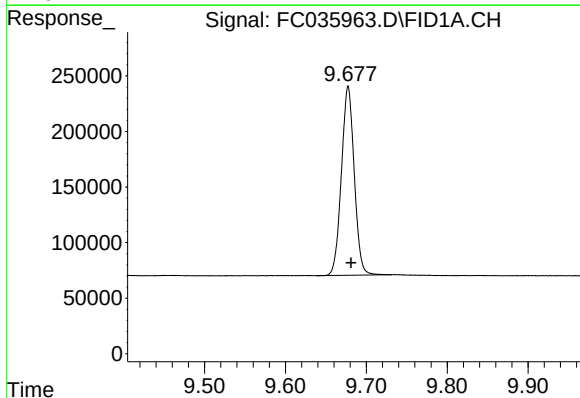
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.909 min  
Delta R.T.: -0.005 min  
Response: 2003708  
Conc: 24.47 ug/ml m



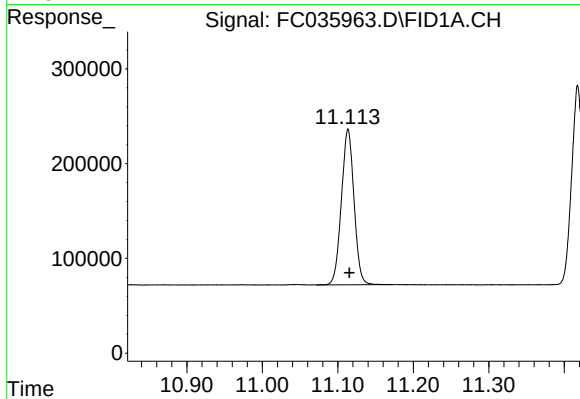
#6 n-Tetradecane (C14)

R.T.: 8.084 min  
Delta R.T.: -0.004 min  
Response: 1850765  
Conc: 23.63 ug/ml



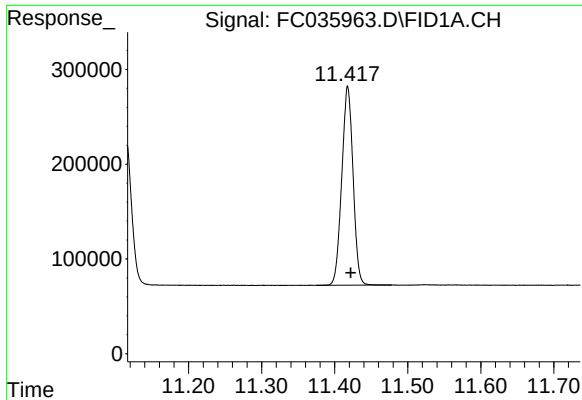
#7 n-Hexadecane (C16)

R.T.: 9.678 min  
Delta R.T.: -0.004 min  
Response: 1875601  
Conc: 22.24 ug/ml



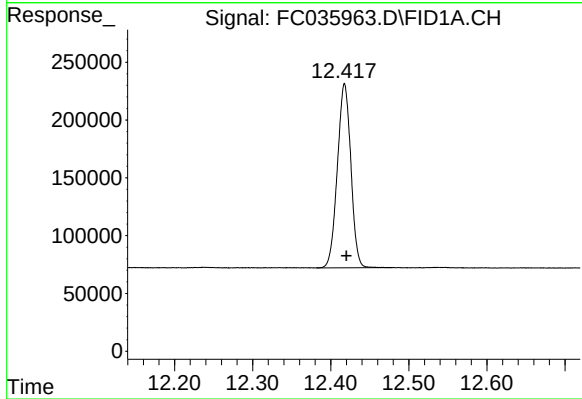
#8 n-Octadecane (C18)

R.T.: 11.114 min  
Delta R.T.: -0.002 min  
Response: 1906331  
Conc: 21.54 ug/ml



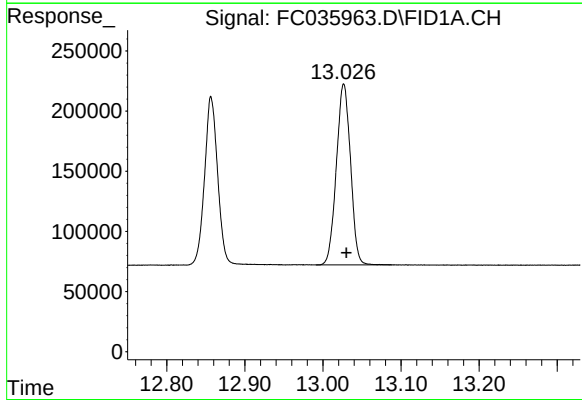
#9 ortho-Terphenyl (SURR)

R.T.: 11.418 min  
Delta R.T.: -0.004 min  
Response: 2253198  
Conc: 22.25 ug/ml



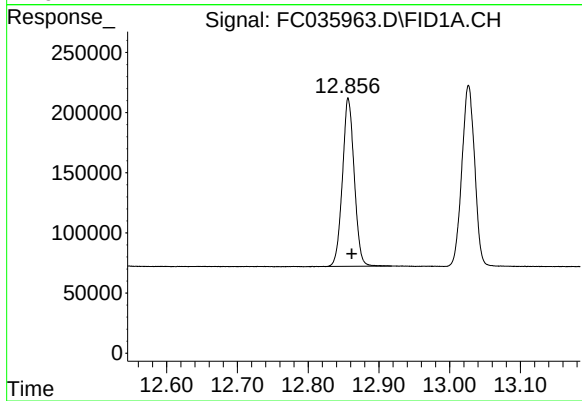
#10 n-Eicosane (C20)

R.T.: 12.418 min  
Delta R.T.: -0.002 min  
Response: 1910080  
Conc: 21.20 ug/ml



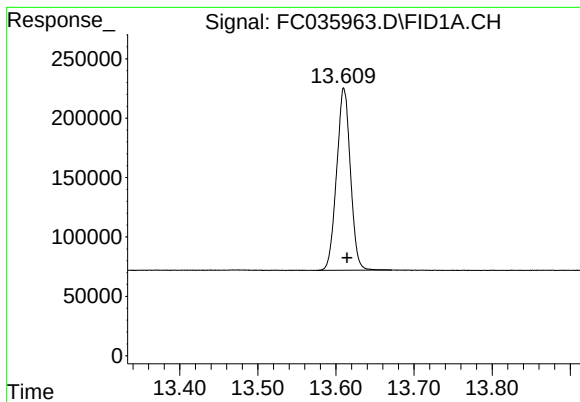
#11 n-Heneicosane (C21)

R.T.: 13.027 min  
Delta R.T.: -0.003 min  
Response: 1893202  
Conc: 21.14 ug/ml



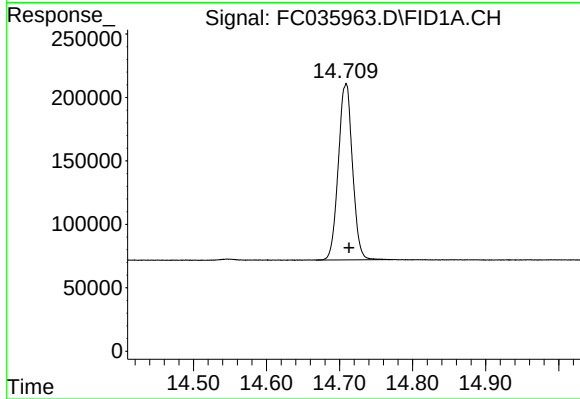
#12 1-chlorooctadecane (SURR)

R.T.: 12.857 min  
Delta R.T.: -0.004 min  
Response: 1620180  
Conc: 21.03 ug/ml



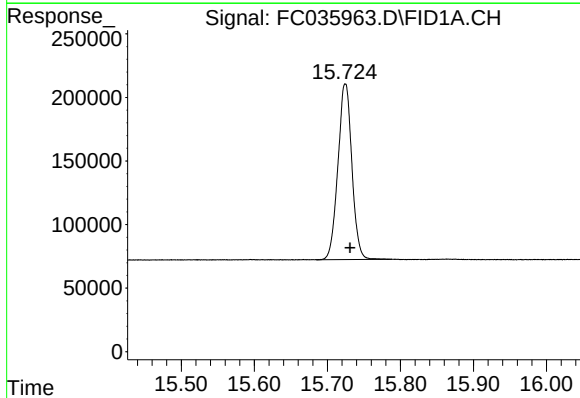
#13 n-Docosane (C22)

R.T.: 13.610 min  
Delta R.T.: -0.004 min  
Response: 1882848  
Conc: 21.44 ug/ml



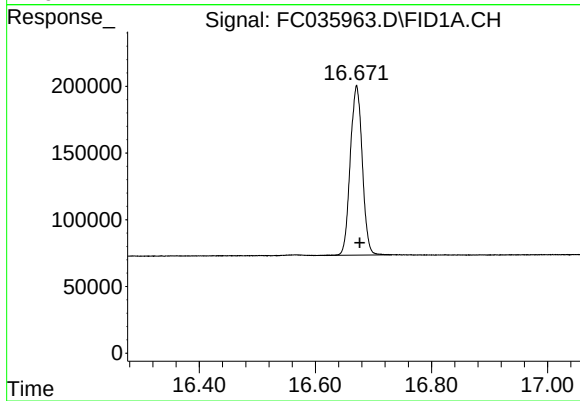
#14 n-Tetracosane (C24)

R.T.: 14.708 min  
Delta R.T.: -0.004 min  
Response: 1866671  
Conc: 21.73 ug/ml



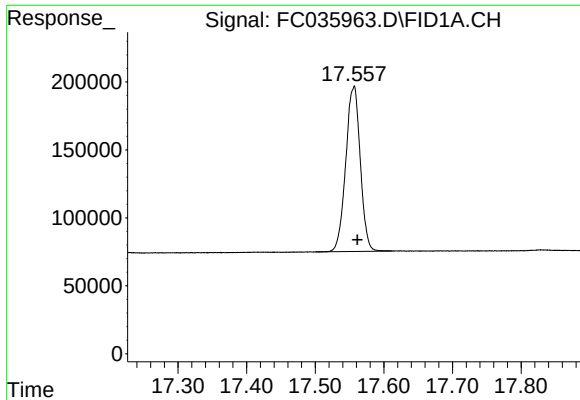
#15 n-Hexacosane (C26)

R.T.: 15.725 min  
Delta R.T.: -0.007 min  
Response: 1831942  
Conc: 21.80 ug/ml



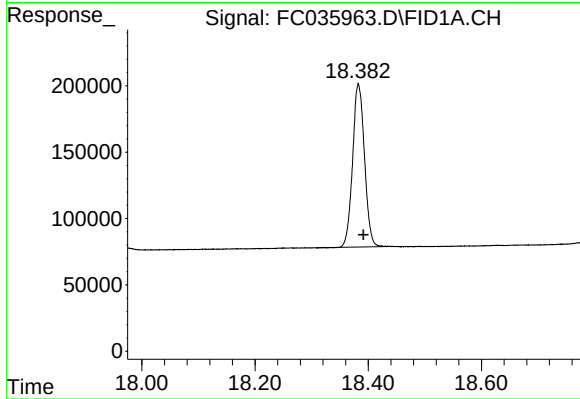
#16 n-Octacosane (C28)

R.T.: 16.671 min  
Delta R.T.: -0.005 min  
Response: 1817073  
Conc: 20.85 ug/ml



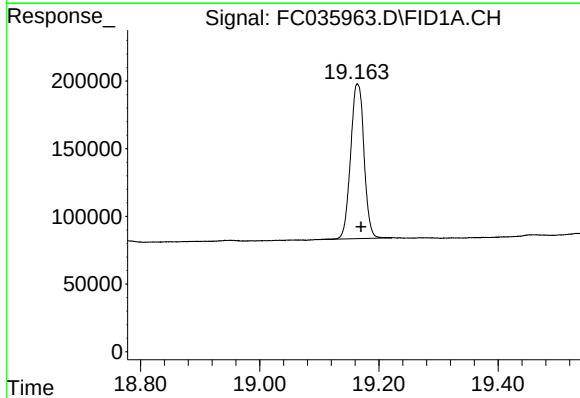
#17 n-Tricontane (C30)

R.T.: 17.556 min  
Delta R.T.: -0.005 min  
Response: 1785623  
Conc: 18.27 ug/ml



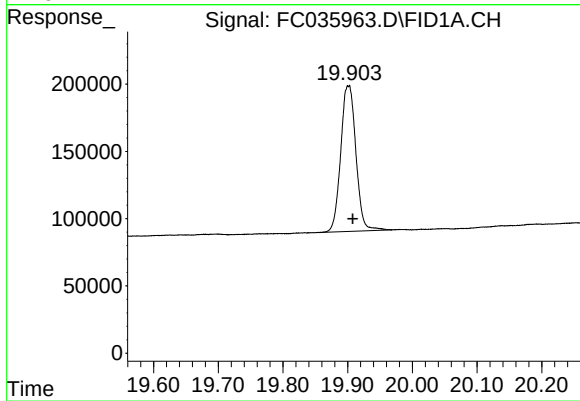
#18 n-Dotriacontane (C32)

R.T.: 18.383 min  
Delta R.T.: -0.009 min  
Response: 1791200  
Conc: 19.57 ug/ml



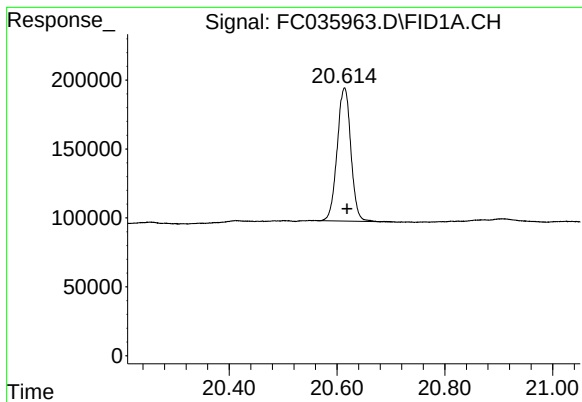
#19 n-Tetratriacontane (C34)

R.T.: 19.164 min  
Delta R.T.: -0.006 min  
Response: 1777369  
Conc: 20.82 ug/ml



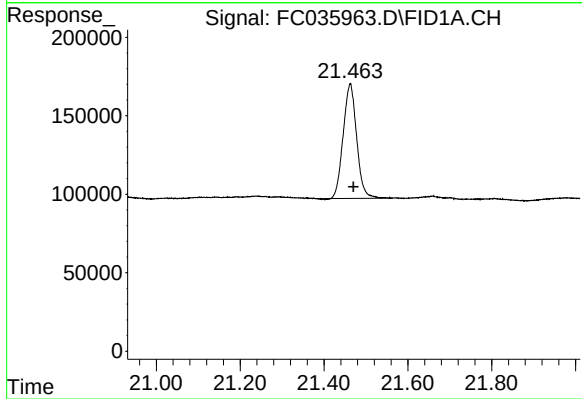
#20 n-Hexatriacontane (C36)

R.T.: 19.901 min  
Delta R.T.: -0.007 min  
Response: 1766579  
Conc: 22.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.614 min  
Delta R.T.: -0.005 min  
Response: 1702589  
Conc: 22.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.462 min  
Delta R.T.: -0.008 min  
Response: 1632529  
Conc: 21.36 ug/ml