

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120921AL\  
 Data File : FC057336.D  
 Signal(s) : FID1A.CH  
 Acq On : 09 Dec 2021 23:54  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 10 00:15:45 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 120921.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 09 22:19:01 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)    | 11.579 | 2072946    | 20.543 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.09%       |
| 12) S 1-chlorooctadecane (S... | 13.011 | 1552720    | 20.449 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.90%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.343  | 1963770    | 20.875 ug/ml |
| 2) T n-Decane (C10)            | 4.409  | 1955064    | 20.888 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.999  | 2071514    | 21.079 ug/ml |
| 4) T n-Dodecane (C12)          | 6.426  | 1982949    | 20.756 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.056  | 2034003    | 20.789 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.219  | 1986247    | 20.677 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.818  | 1990954    | 20.541 ug/ml |
| 8) T n-Octadecane (C18)        | 11.258 | 2025708    | 20.564 ug/ml |
| 10) T n-Eicosane (C20)         | 12.565 | 1972480    | 20.496 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.177 | 1956849    | 20.461 ug/ml |
| 13) T n-Docosane (C22)         | 13.762 | 1918911    | 20.586 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.862 | 1880177    | 20.475 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.882 | 1775272    | 20.537 ug/ml |
| 16) T n-Octacosane (C28)       | 16.829 | 1737450    | 20.376 ug/ml |
| 17) T n-Tricontane (C30)       | 17.715 | 1705025    | 20.396 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.544 | 1665919    | 20.368 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.326 | 1668743    | 20.335 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.064 | 1619690    | 20.307 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.795 | 1517899    | 19.990 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.697 | 1443391    | 19.310 ug/ml |
| -----                          |        |            |              |

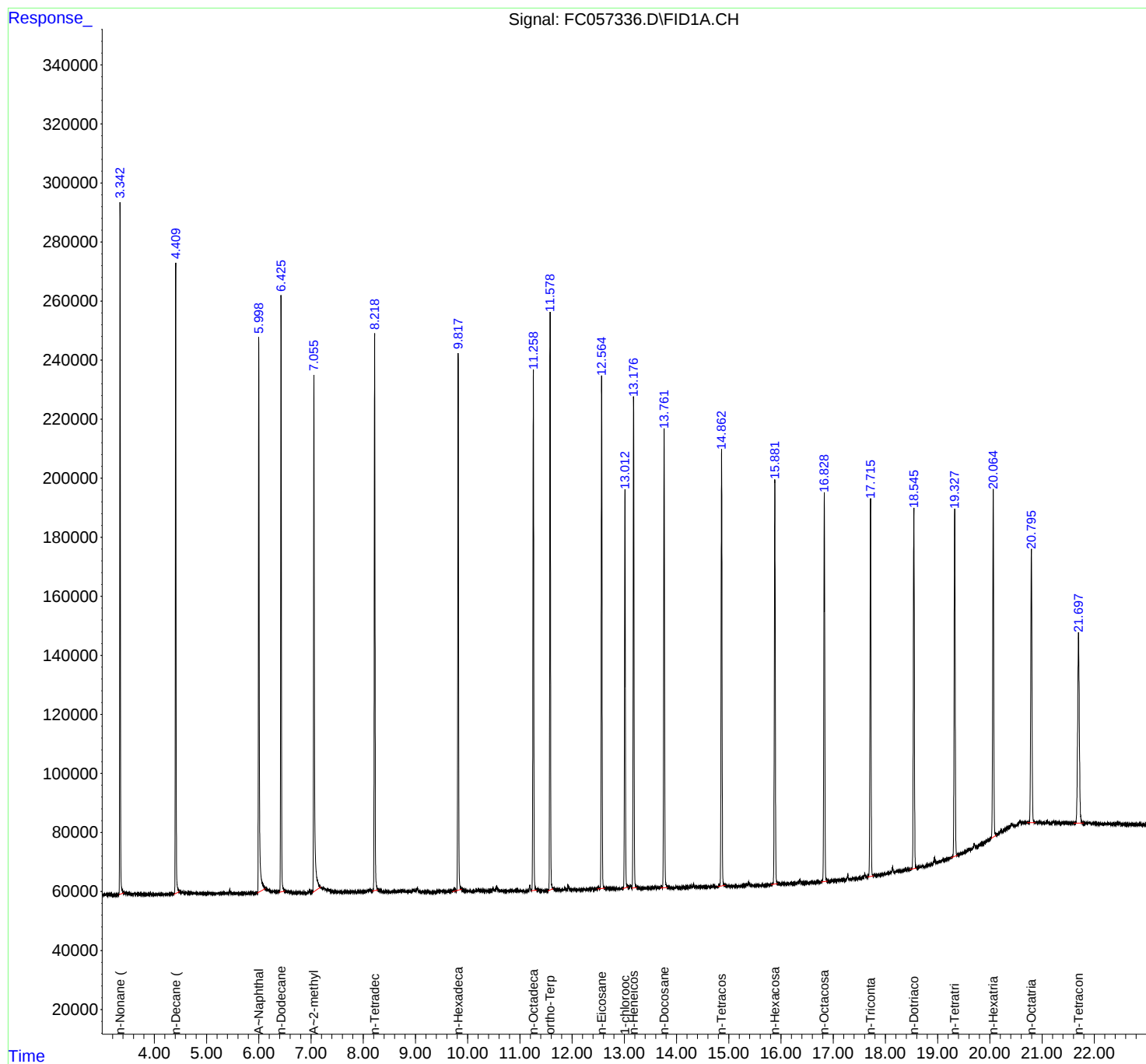
(f)=RT Delta > 1/2 Window

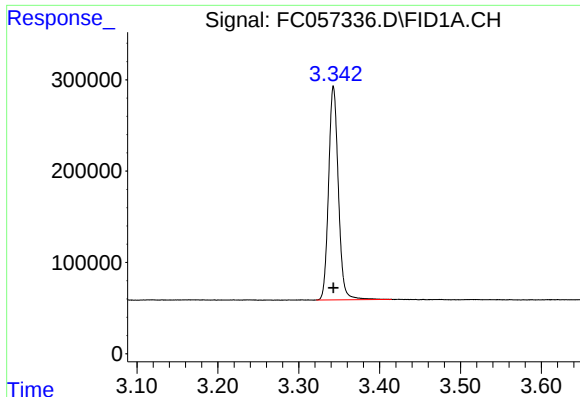
(m)=manual int.

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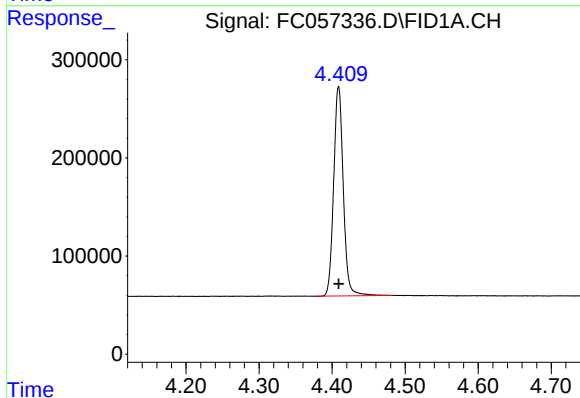
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





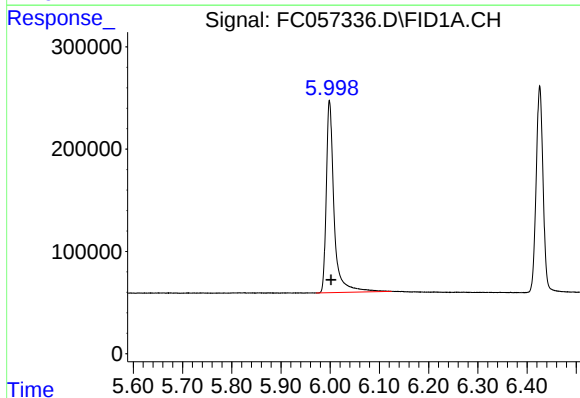
#1 n-Nonane (C9)

R.T.: 3.343 min  
Delta R.T.: 0.000 min  
Response: 1963770  
Conc: 20.87 ug/ml



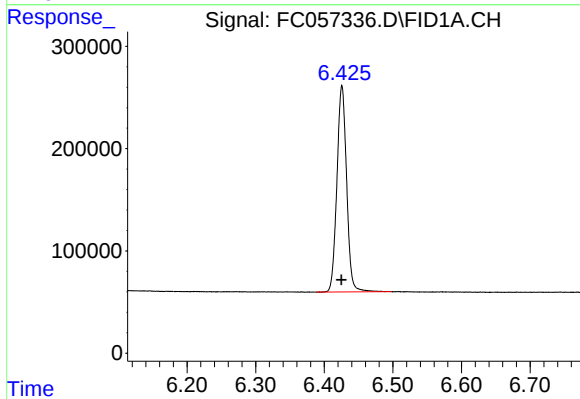
#2 n-Decane (C10)

R.T.: 4.409 min  
Delta R.T.: 0.000 min  
Response: 1955064  
Conc: 20.89 ug/ml



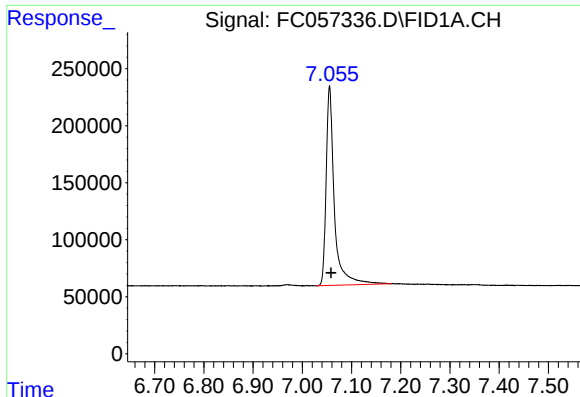
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min  
Delta R.T.: -0.003 min  
Response: 2071514  
Conc: 21.08 ug/ml



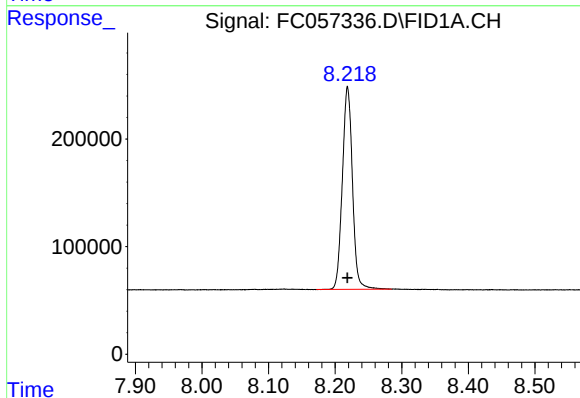
#4 n-Dodecane (C12)

R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 1982949  
Conc: 20.76 ug/ml



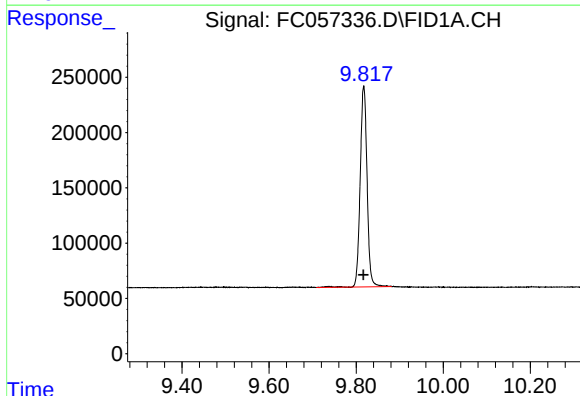
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.056 min  
Delta R.T.: -0.003 min  
Response: 2034003  
Conc: 20.79 ug/ml



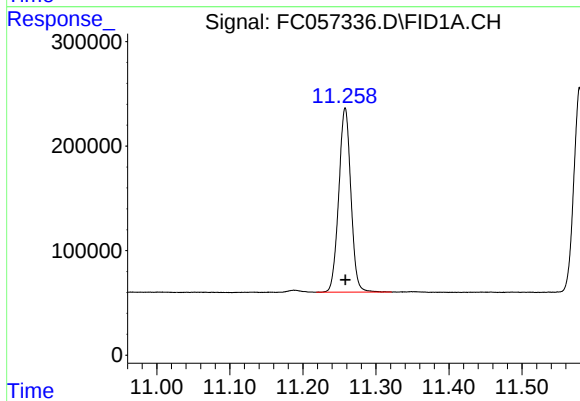
#6 n-Tetradecane (C14)

R.T.: 8.219 min  
Delta R.T.: 0.000 min  
Response: 1986247  
Conc: 20.68 ug/ml



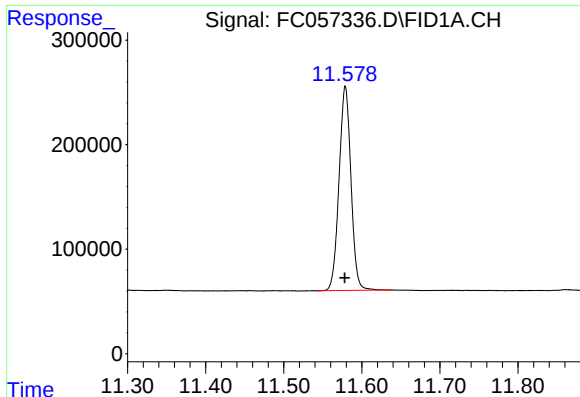
#7 n-Hexadecane (C16)

R.T.: 9.818 min  
Delta R.T.: 0.000 min  
Response: 1990954  
Conc: 20.54 ug/ml



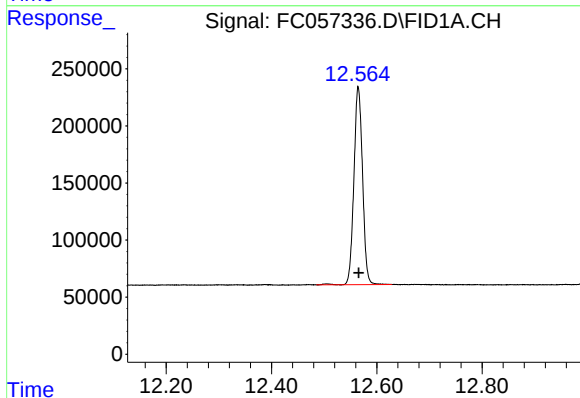
#8 n-Octadecane (C18)

R.T.: 11.258 min  
Delta R.T.: 0.000 min  
Response: 2025708  
Conc: 20.56 ug/ml



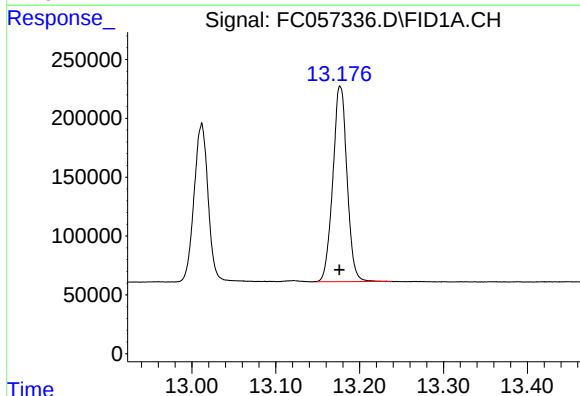
#9 ortho-Terphenyl (SURR)

R.T.: 11.579 min  
Delta R.T.: 0.000 min  
Response: 2072946  
Conc: 20.54 ug/ml



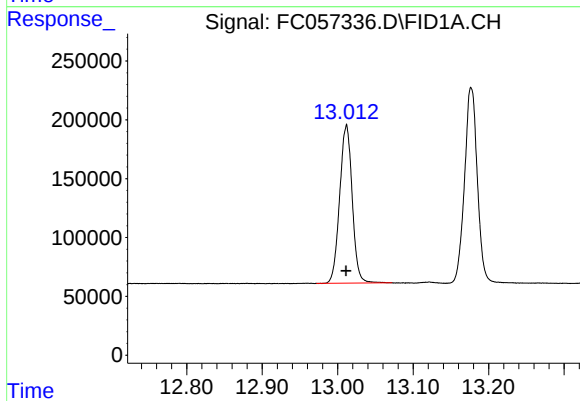
#10 n-Eicosane (C20)

R.T.: 12.565 min  
Delta R.T.: 0.000 min  
Response: 1972480  
Conc: 20.50 ug/ml



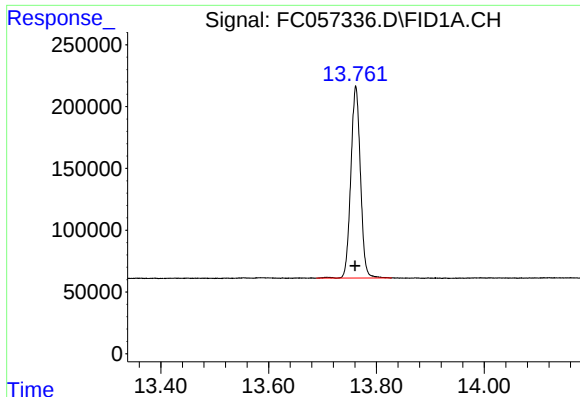
#11 n-Heneicosane (C21)

R.T.: 13.177 min  
Delta R.T.: 0.001 min  
Response: 1956849  
Conc: 20.46 ug/ml



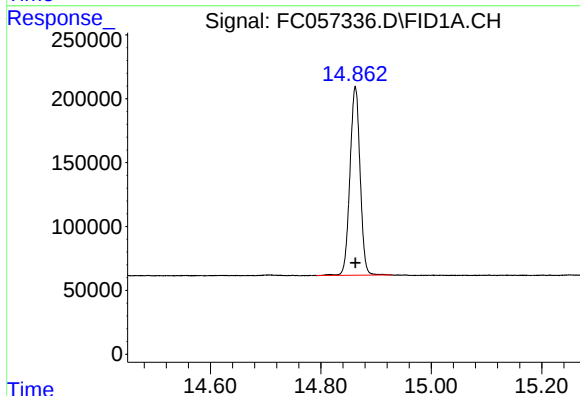
#12 1-chlorooctadecane (SURR)

R.T.: 13.011 min  
Delta R.T.: 0.000 min  
Response: 1552720  
Conc: 20.45 ug/ml



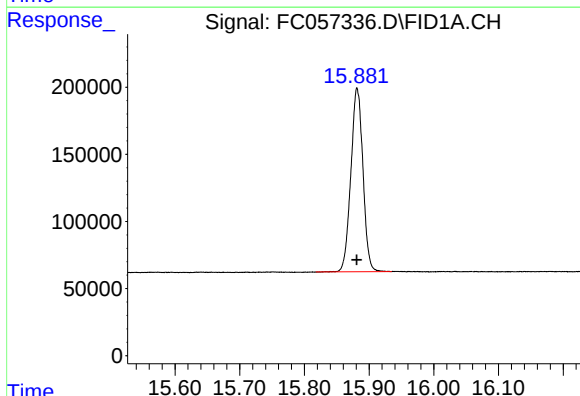
#13 n-Docosane (C22)

R.T.: 13.762 min  
Delta R.T.: 0.001 min  
Response: 1918911  
Conc: 20.59 ug/ml



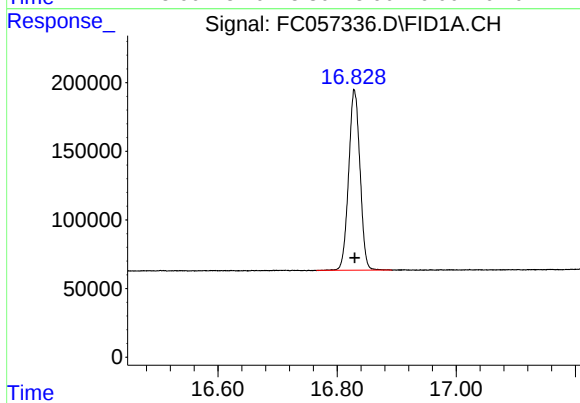
#14 n-Tetracosane (C24)

R.T.: 14.862 min  
Delta R.T.: 0.000 min  
Response: 1880177  
Conc: 20.47 ug/ml



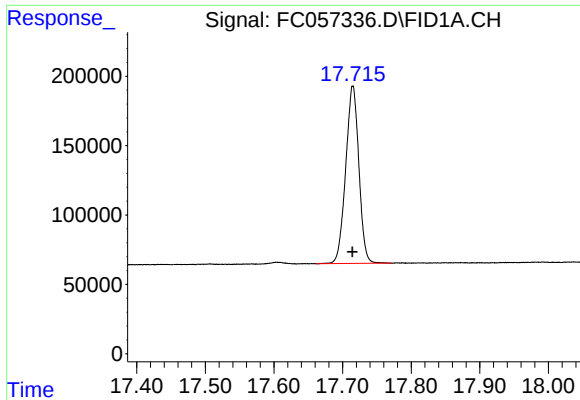
#15 n-Hexacosane (C26)

R.T.: 15.882 min  
Delta R.T.: 0.000 min  
Response: 1775272  
Conc: 20.54 ug/ml



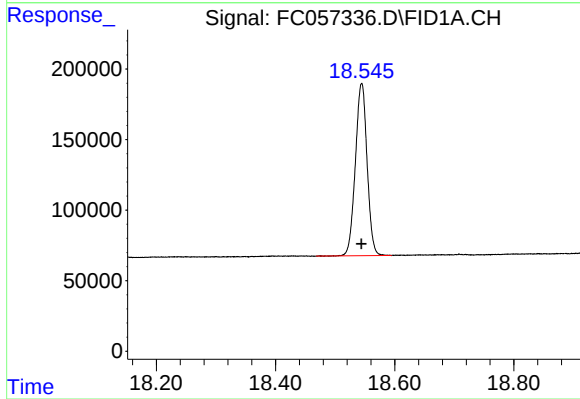
#16 n-Octacosane (C28)

R.T.: 16.829 min  
Delta R.T.: 0.000 min  
Response: 1737450  
Conc: 20.38 ug/ml



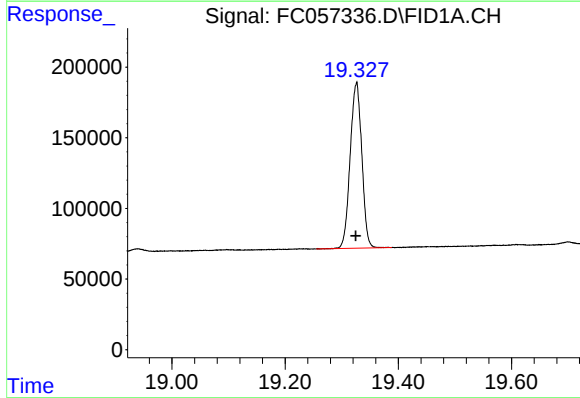
#17 n-Tricontane (C30)

R.T.: 17.715 min  
Delta R.T.: 0.000 min  
Response: 1705025  
Conc: 20.40 ug/ml



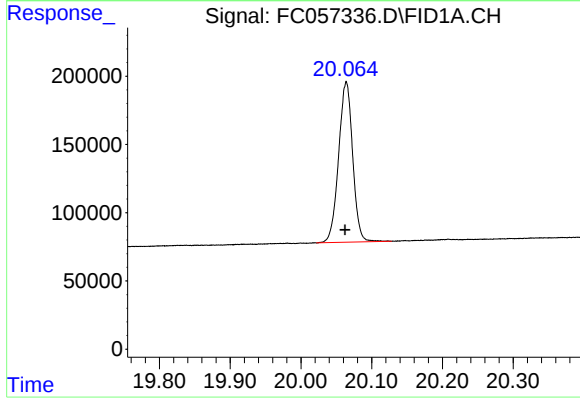
#18 n-Dotriacontane (C32)

R.T.: 18.544 min  
Delta R.T.: 0.000 min  
Response: 1665919  
Conc: 20.37 ug/ml



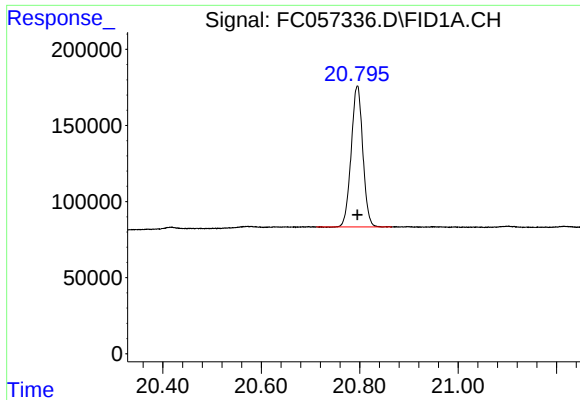
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min  
Delta R.T.: 0.000 min  
Response: 1668743  
Conc: 20.33 ug/ml



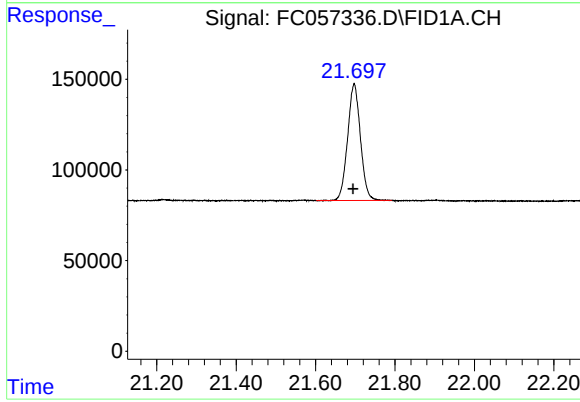
#20 n-Hexatriacontane (C36)

R.T.: 20.064 min  
Delta R.T.: 0.002 min  
Response: 1619690  
Conc: 20.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.795 min  
Delta R.T.: 0.000 min  
Response: 1517899  
Conc: 19.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.697 min  
Delta R.T.: 0.003 min  
Response: 1443391  
Conc: 19.31 ug/ml