

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091620AL\  
 Data File : FC049589.D  
 Signal(s) : FID1A.CH  
 Acq On : 16 Sep 2020 9:27  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 17 02:06:56 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 090820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 09 05:58:47 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)    | 11.672 | 1893248    | 16.478 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 32.96%        |
| 12) S 1-chlorooctadecane (S... | 13.105 | 1437378    | 16.137 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 32.27%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.403  | 1907707    | 18.440 ug/ml  |
| 2) T n-Decane (C10)            | 4.477  | 1913632    | 18.424 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.077  | 2072669    | 18.027 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.503  | 1910849    | 18.077 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.137  | 2080321    | 17.793 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.302  | 1870133    | 17.727 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.904  | 1799405    | 17.291 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.348 | 1813953    | 16.879 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.658 | 1771338    | 16.542 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.270 | 1746552    | 16.412 ug/ml  |
| 13) T n-Docosane (C22)         | 13.855 | 1722295    | 16.275 ug/mlm |
| 14) T n-Tetracosane (C24)      | 14.959 | 1693898    | 16.188 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.981 | 1670992    | 16.346 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.929 | 1674517    | 16.662 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.816 | 1661816    | 17.068 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.647 | 1584482    | 17.535 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.430 | 1536065    | 17.944 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.169 | 1509321    | 18.734 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.921 | 1523912    | 20.129 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.871 | 1566900    | 20.137 ug/ml  |
| -----                          |        |            |               |

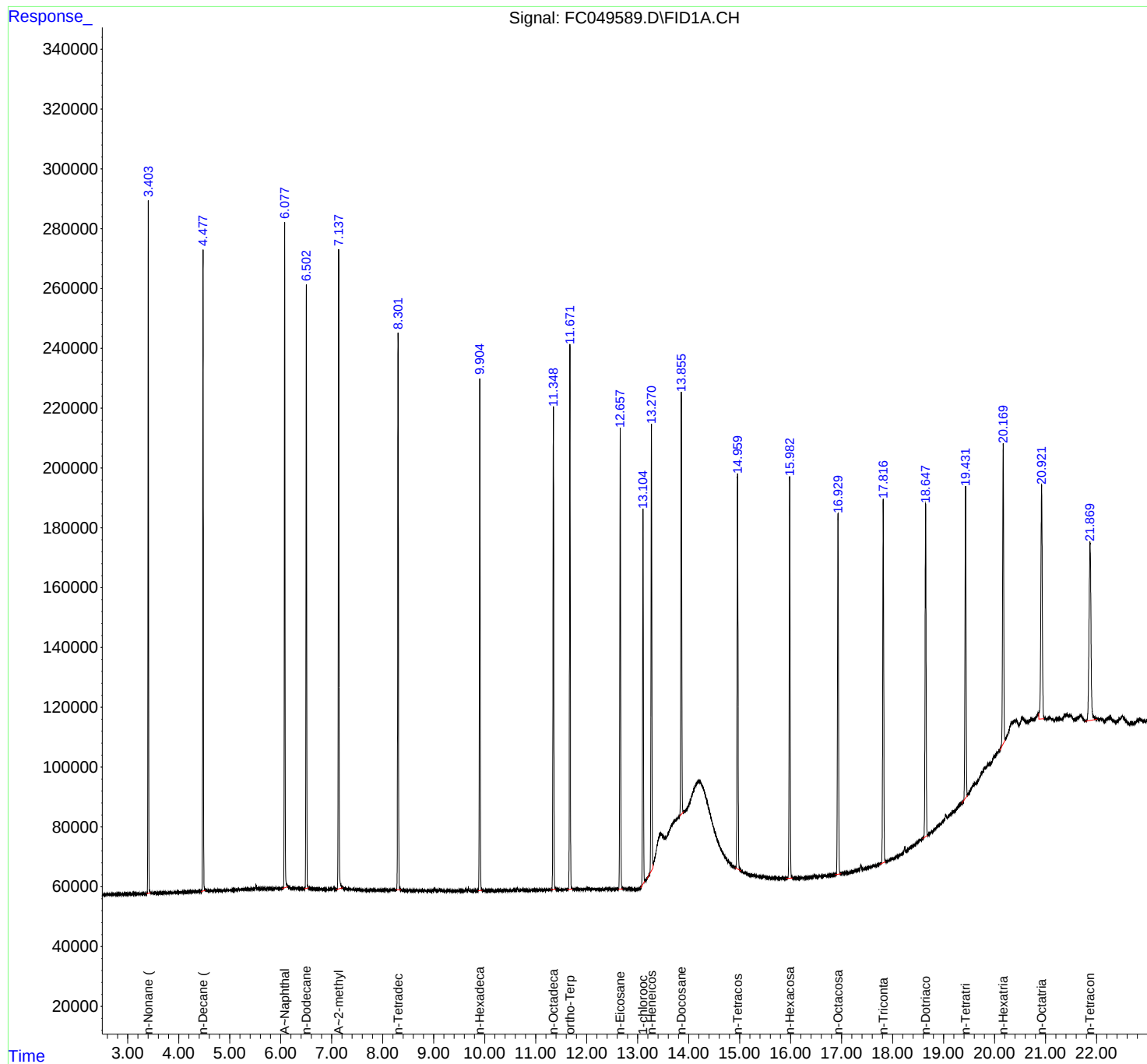
(f)=RT Delta > 1/2 Window

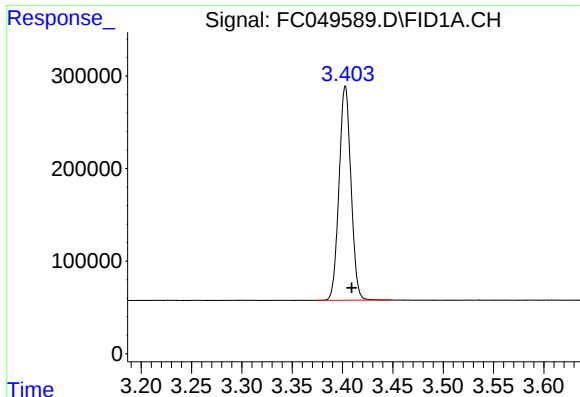
(m)=manual int.

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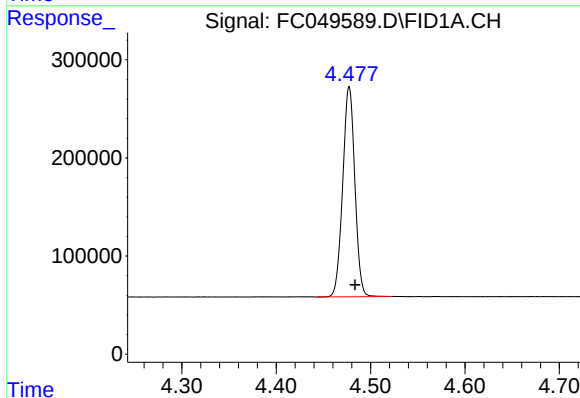
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





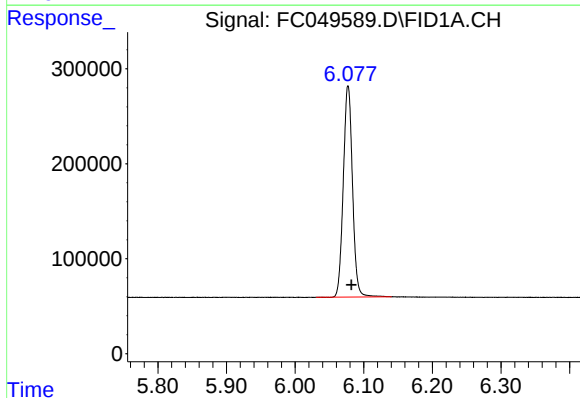
#1 n-Nonane (C9)

R.T.: 3.403 min  
Delta R.T.: -0.006 min  
Response: 1907707  
Conc: 18.44 ug/ml



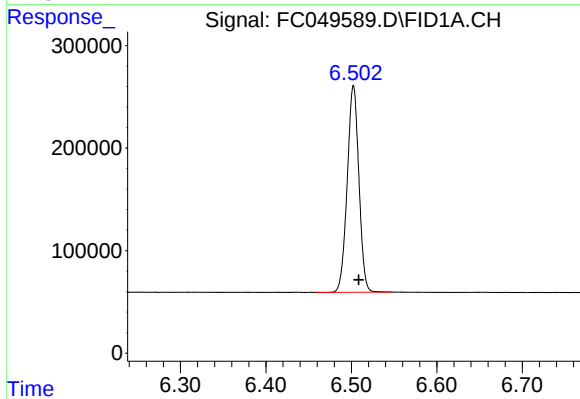
#2 n-Decane (C10)

R.T.: 4.477 min  
Delta R.T.: -0.006 min  
Response: 1913632  
Conc: 18.42 ug/ml



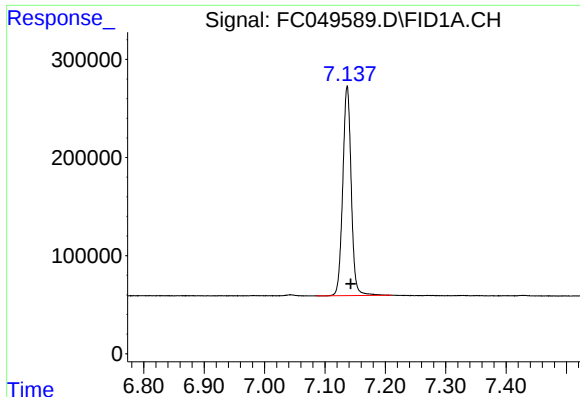
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min  
Delta R.T.: -0.005 min  
Response: 2072669  
Conc: 18.03 ug/ml



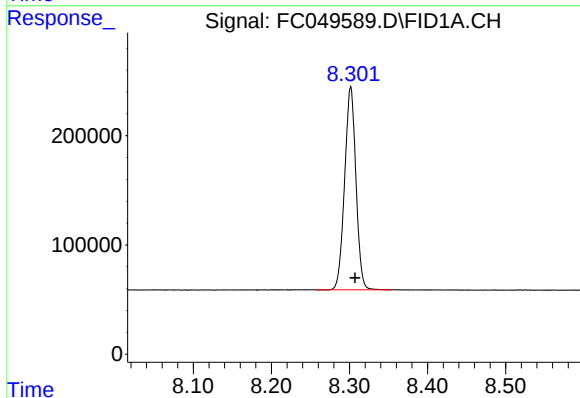
#4 n-Dodecane (C12)

R.T.: 6.503 min  
Delta R.T.: -0.006 min  
Response: 1910849  
Conc: 18.08 ug/ml



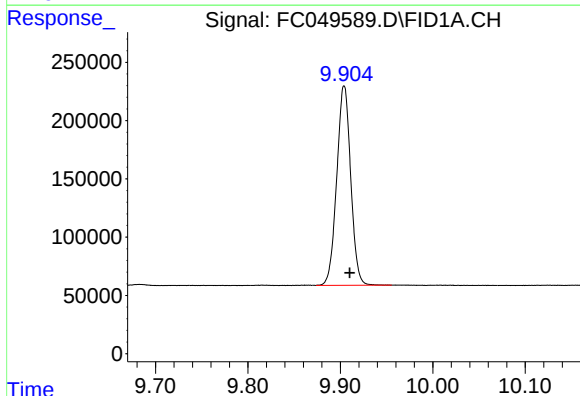
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.137 min  
Delta R.T.: -0.006 min  
Response: 2080321  
Conc: 17.79 ug/ml



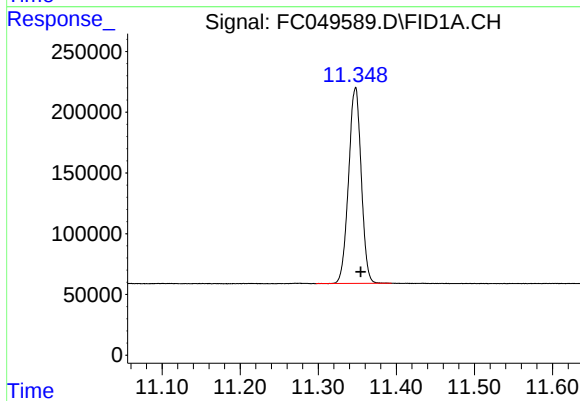
#6 n-Tetradecane (C14)

R.T.: 8.302 min  
Delta R.T.: -0.006 min  
Response: 1870133  
Conc: 17.73 ug/ml



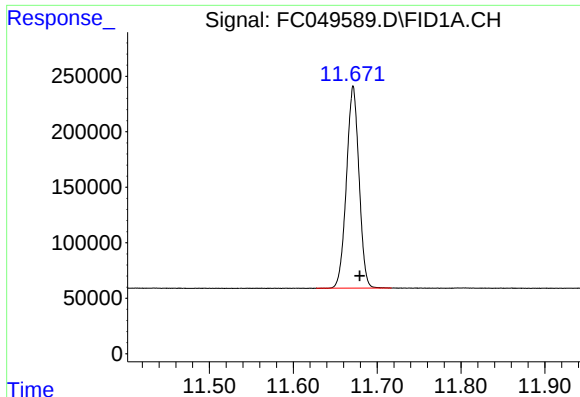
#7 n-Hexadecane (C16)

R.T.: 9.904 min  
Delta R.T.: -0.006 min  
Response: 1799405  
Conc: 17.29 ug/ml



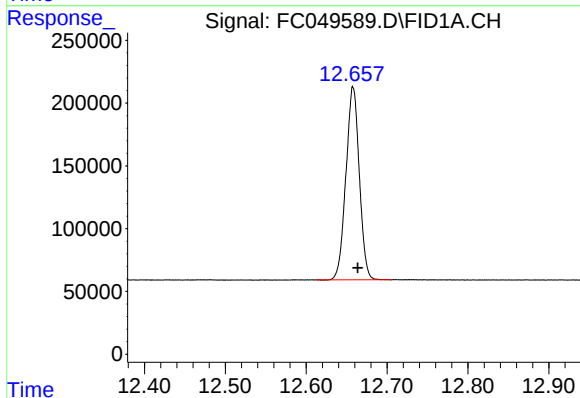
#8 n-Octadecane (C18)

R.T.: 11.348 min  
Delta R.T.: -0.007 min  
Response: 1813953  
Conc: 16.88 ug/ml



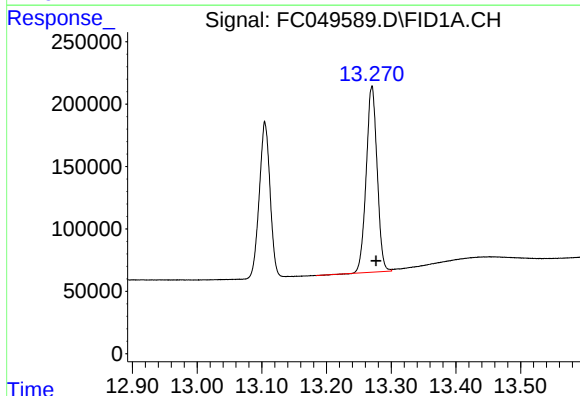
#9 ortho-Terphenyl (SURR)

R.T.: 11.672 min  
Delta R.T.: -0.008 min  
Response: 1893248  
Conc: 16.48 ug/ml



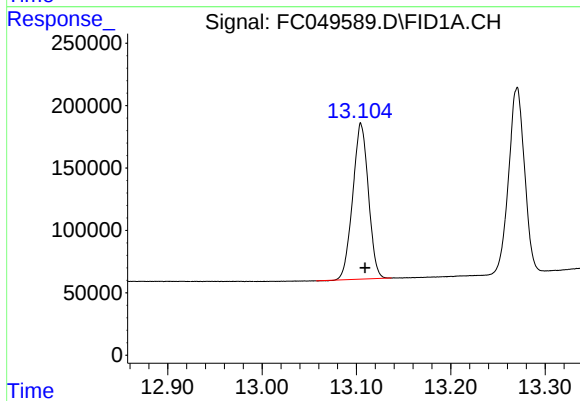
#10 n-Eicosane (C20)

R.T.: 12.658 min  
Delta R.T.: -0.006 min  
Response: 1771338  
Conc: 16.54 ug/ml



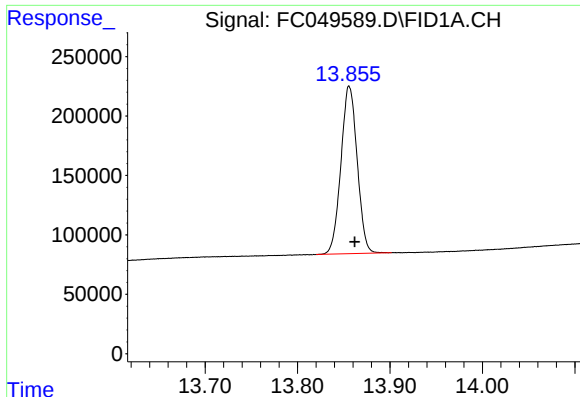
#11 n-Heneicosane (C21)

R.T.: 13.270 min  
Delta R.T.: -0.006 min  
Response: 1746552  
Conc: 16.41 ug/ml



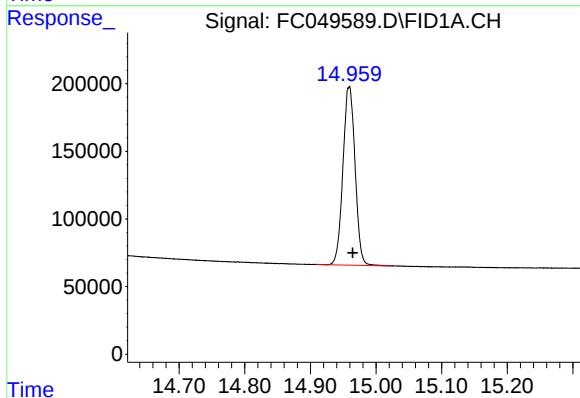
#12 1-chlorooctadecane (SURR)

R.T.: 13.105 min  
Delta R.T.: -0.004 min  
Response: 1437378  
Conc: 16.14 ug/ml



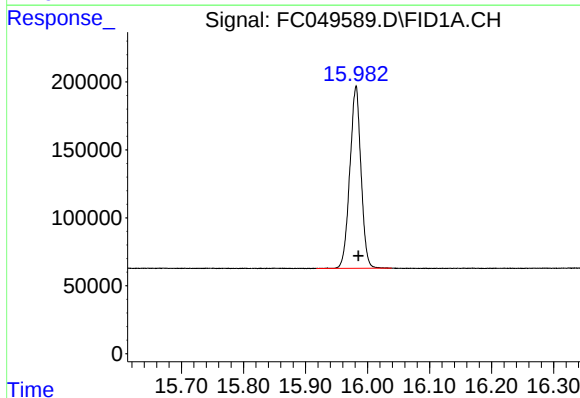
#13 n-Docosane (C22)

R.T.: 13.855 min  
Delta R.T.: -0.007 min  
Response: 1722295  
Conc: 16.28 ug/ml m



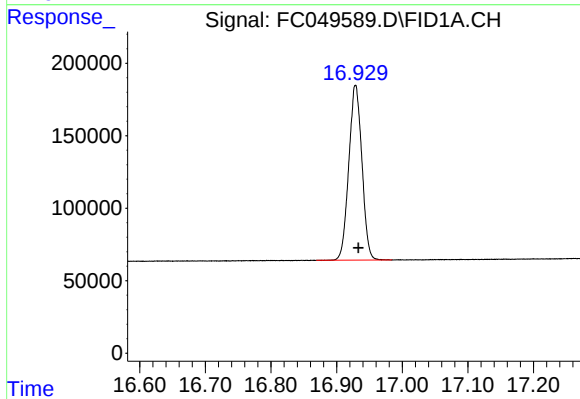
#14 n-Tetracosane (C24)

R.T.: 14.959 min  
Delta R.T.: -0.005 min  
Response: 1693898  
Conc: 16.19 ug/ml



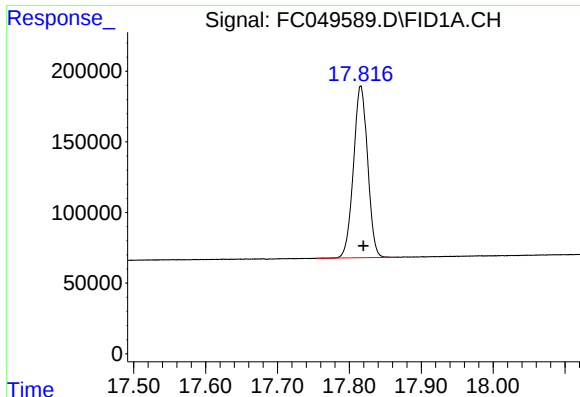
#15 n-Hexacosane (C26)

R.T.: 15.981 min  
Delta R.T.: -0.004 min  
Response: 1670992  
Conc: 16.35 ug/ml



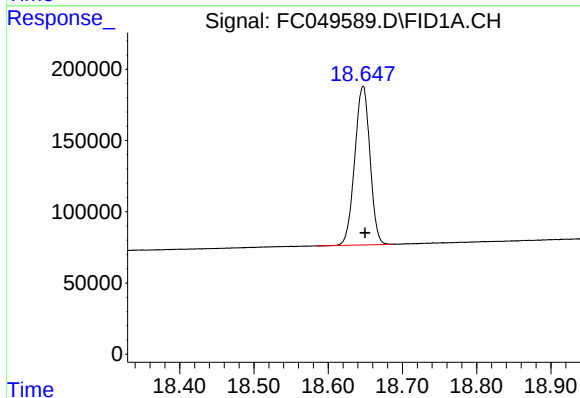
#16 n-Octacosane (C28)

R.T.: 16.929 min  
Delta R.T.: -0.005 min  
Response: 1674517  
Conc: 16.66 ug/ml



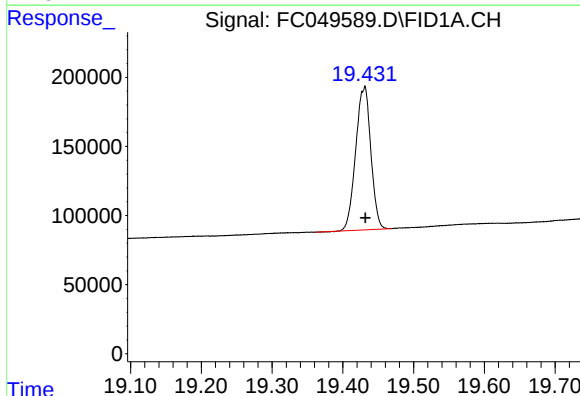
#17 n-Tricontane (C30)

R.T.: 17.816 min  
Delta R.T.: -0.004 min  
Response: 1661816  
Conc: 17.07 ug/ml



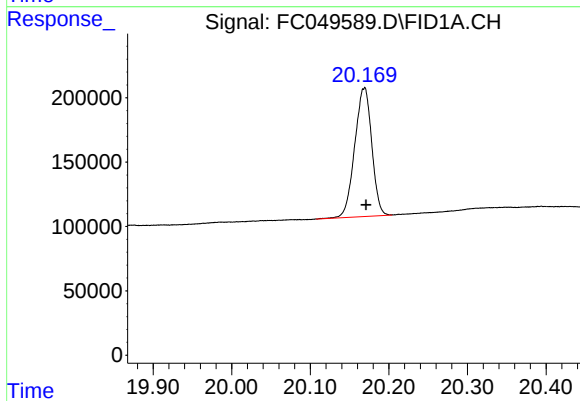
#18 n-Dotriacontane (C32)

R.T.: 18.647 min  
Delta R.T.: -0.003 min  
Response: 1584482  
Conc: 17.53 ug/ml



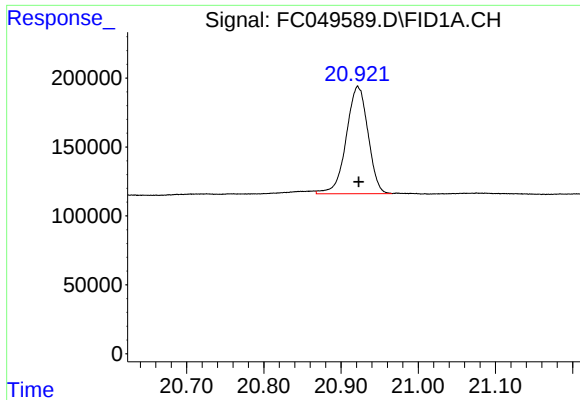
#19 n-Tetratriacontane (C34)

R.T.: 19.430 min  
Delta R.T.: -0.002 min  
Response: 1536065  
Conc: 17.94 ug/ml



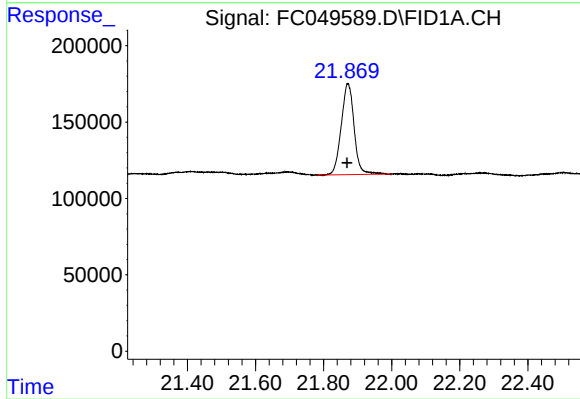
#20 n-Hexatriacontane (C36)

R.T.: 20.169 min  
Delta R.T.: -0.002 min  
Response: 1509321  
Conc: 18.73 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.921 min  
Delta R.T.: -0.002 min  
Response: 1523912  
Conc: 20.13 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.871 min  
Delta R.T.: 0.003 min  
Response: 1566900  
Conc: 20.14 ug/ml