

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110821AL\  
 Data File : FC056688.D  
 Signal(s) : FID1A.CH  
 Acq On : 09 Nov 2021 3:12  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 09 03:43:01 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102121.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 21 01:00:25 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

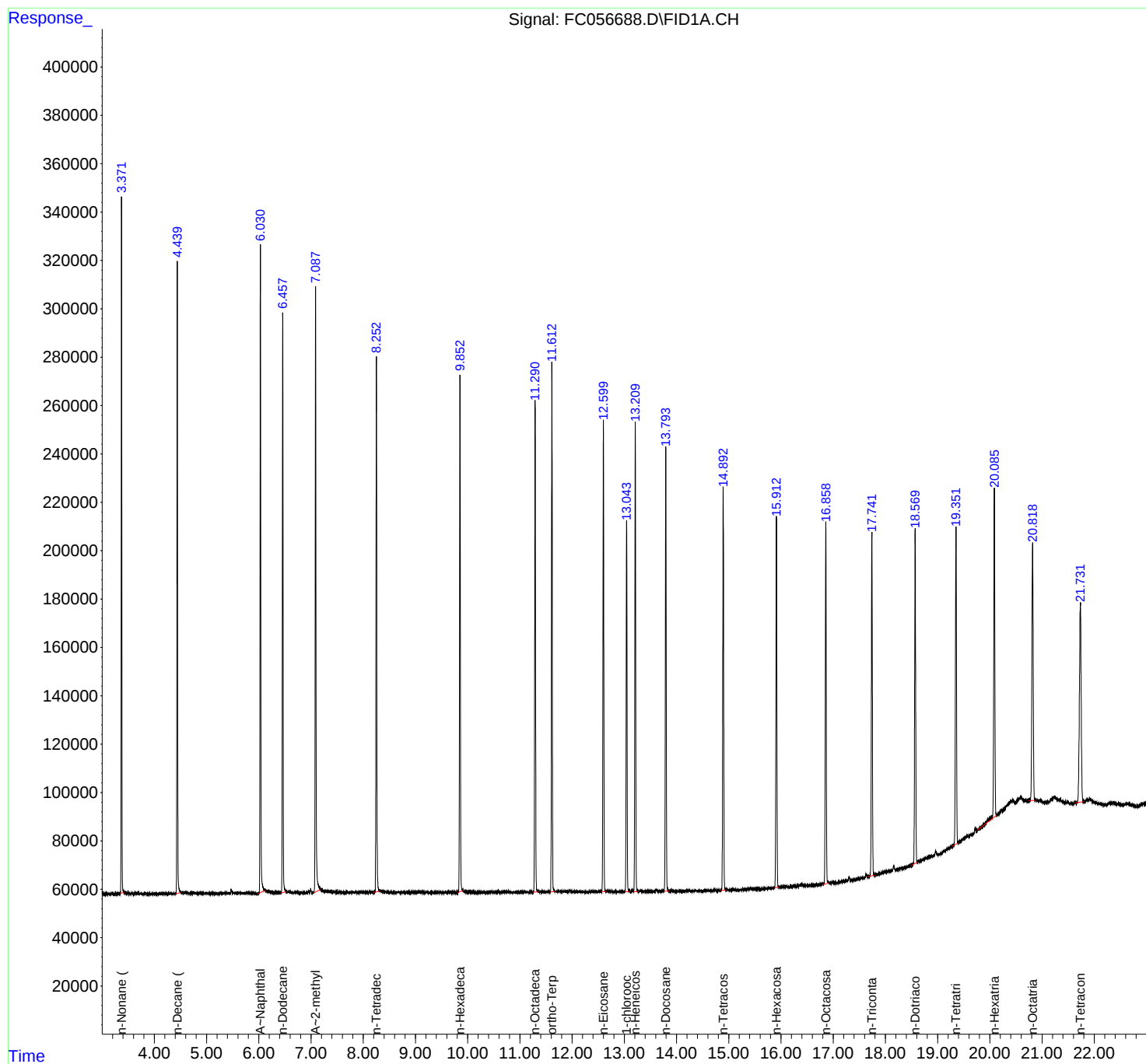
| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.613 | 2358658    | 19.049 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.10%       |
| 12) S 1-chlorooctadecane (S... | 13.043 | 1824188    | 18.958 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.92%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.371  | 2334338    | 21.568 ug/ml |
| 2) T n-Decane (C10)            | 4.439  | 2341116    | 21.734 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.030  | 2598548    | 21.313 ug/ml |
| 4) T n-Dodecane (C12)          | 6.458  | 2364457    | 21.448 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.087  | 2575087    | 21.028 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.252  | 2358027    | 21.004 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.852  | 2323724    | 20.439 ug/ml |
| 8) T n-Octadecane (C18)        | 11.292 | 2336479    | 19.994 ug/ml |
| 10) T n-Eicosane (C20)         | 12.599 | 2230451    | 19.407 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.209 | 2200928    | 19.151 ug/ml |
| 13) T n-Docosane (C22)         | 13.794 | 2135466    | 18.968 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.894 | 2046641    | 18.571 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.912 | 1940698    | 18.387 ug/ml |
| 16) T n-Octacosane (C28)       | 16.858 | 1907002    | 18.385 ug/ml |
| 17) T n-Tricontane (C30)       | 17.740 | 1882318    | 18.168 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.569 | 1867194    | 19.489 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.351 | 1897556    | 21.635 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.085 | 1937924    | 23.676 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.818 | 1848050    | 23.107 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.733 | 1907769    | 23.155 ug/ml |
| -----                          |        |            |              |

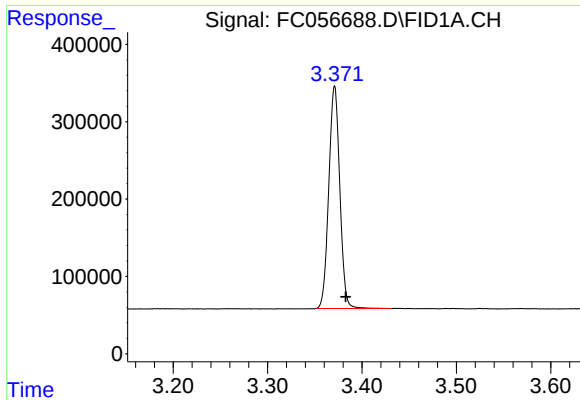
(f)=RT Delta > 1/2 Window

(m)=manual int.

Integration File: autoint1.e  
Quant Time: Nov 09 03:43:01 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102121.M  
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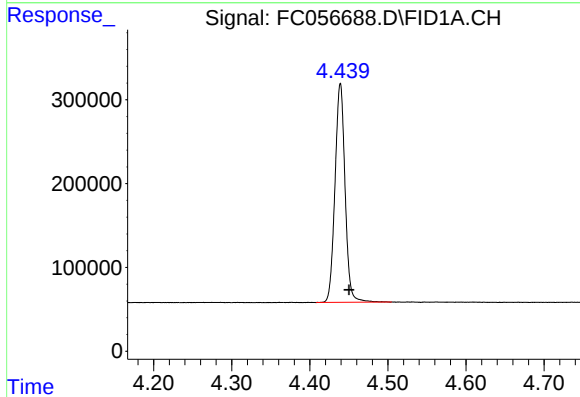
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





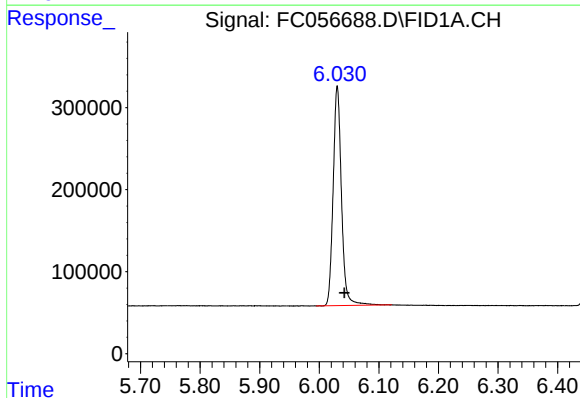
#1 n-Nonane (C9)

R.T.: 3.371 min  
Delta R.T.: -0.012 min  
Response: 2334338  
Conc: 21.57 ug/ml



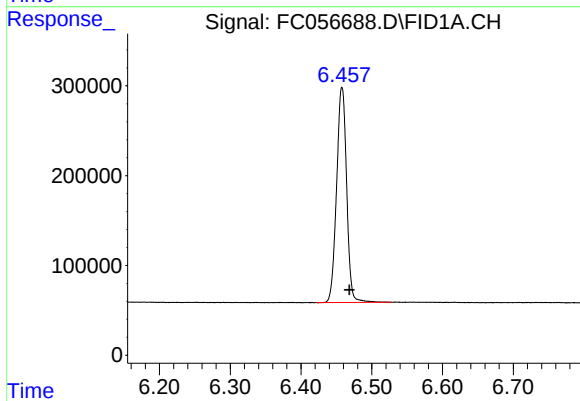
#2 n-Decane (C10)

R.T.: 4.439 min  
Delta R.T.: -0.011 min  
Response: 2341116  
Conc: 21.73 ug/ml



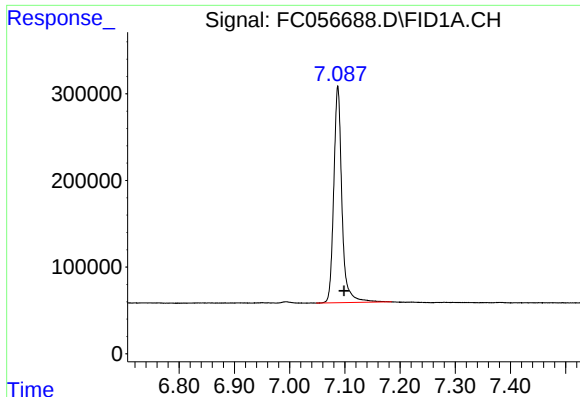
#3 A~Naphthalene (C11.7)

R.T.: 6.030 min  
Delta R.T.: -0.012 min  
Response: 2598548  
Conc: 21.31 ug/ml



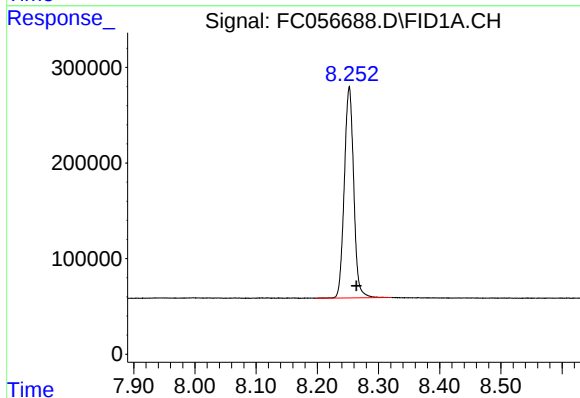
#4 n-Dodecane (C12)

R.T.: 6.458 min  
Delta R.T.: -0.011 min  
Response: 2364457  
Conc: 21.45 ug/ml



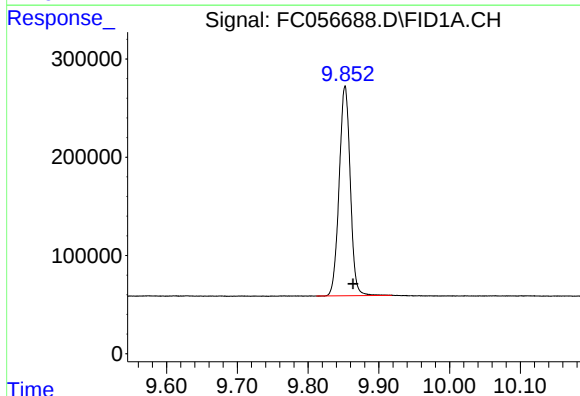
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.087 min  
Delta R.T.: -0.011 min  
Response: 2575087  
Conc: 21.03 ug/ml



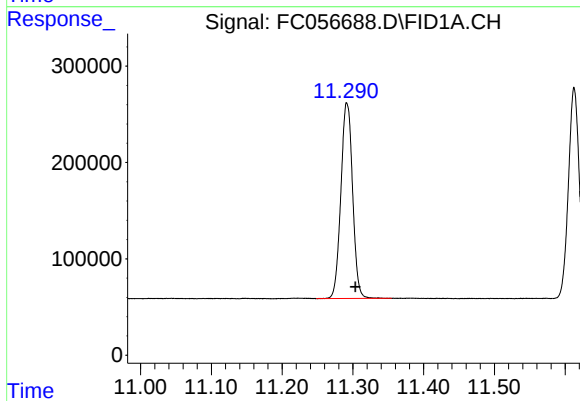
#6 n-Tetradecane (C14)

R.T.: 8.252 min  
Delta R.T.: -0.012 min  
Response: 2358027  
Conc: 21.00 ug/ml



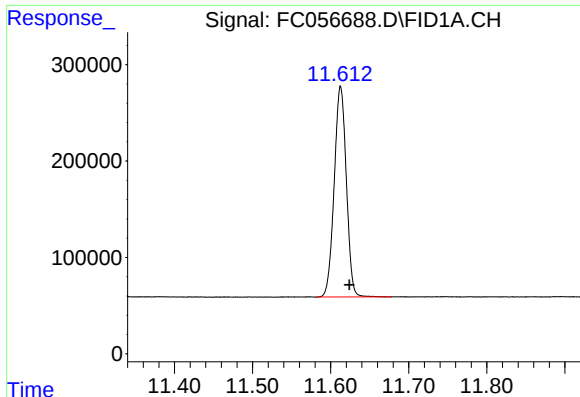
#7 n-Hexadecane (C16)

R.T.: 9.852 min  
Delta R.T.: -0.011 min  
Response: 2323724  
Conc: 20.44 ug/ml



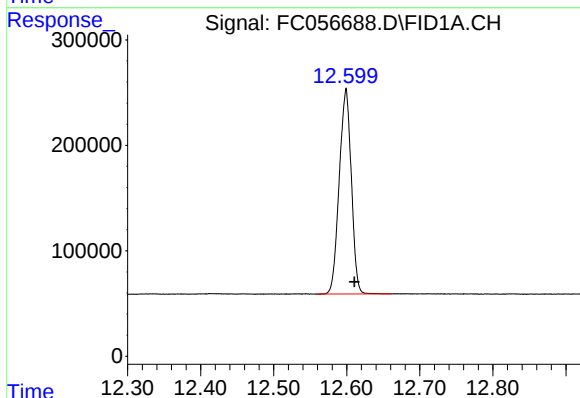
#8 n-Octadecane (C18)

R.T.: 11.292 min  
Delta R.T.: -0.012 min  
Response: 2336479  
Conc: 19.99 ug/ml



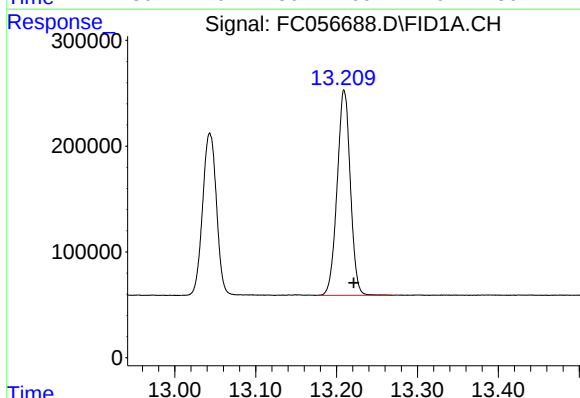
#9 ortho-Terphenyl (SURR)

R.T.: 11.613 min  
Delta R.T.: -0.011 min  
Response: 2358658  
Conc: 19.05 ug/ml



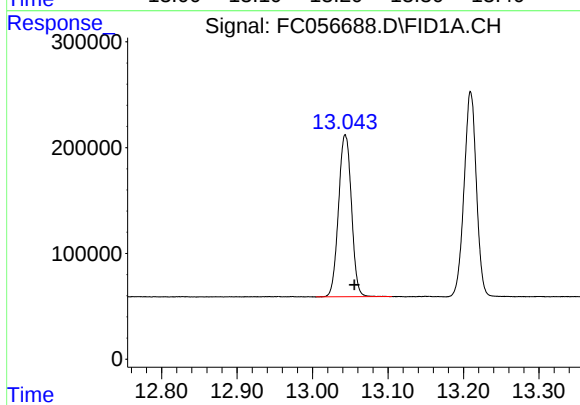
#10 n-Eicosane (C20)

R.T.: 12.599 min  
Delta R.T.: -0.012 min  
Response: 2230451  
Conc: 19.41 ug/ml



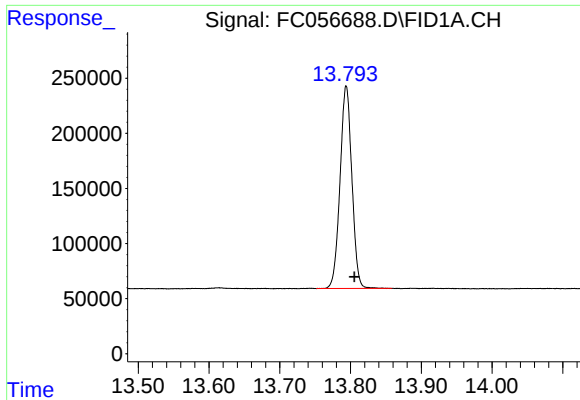
#11 n-Heneicosane (C21)

R.T.: 13.209 min  
Delta R.T.: -0.012 min  
Response: 2200928  
Conc: 19.15 ug/ml



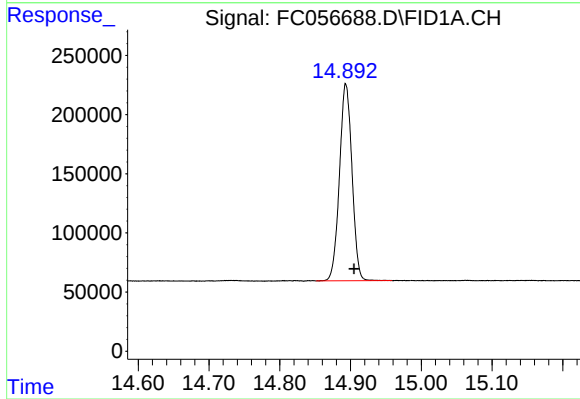
#12 1-chlorooctadecane (SURR)

R.T.: 13.043 min  
Delta R.T.: -0.012 min  
Response: 1824188  
Conc: 18.96 ug/ml



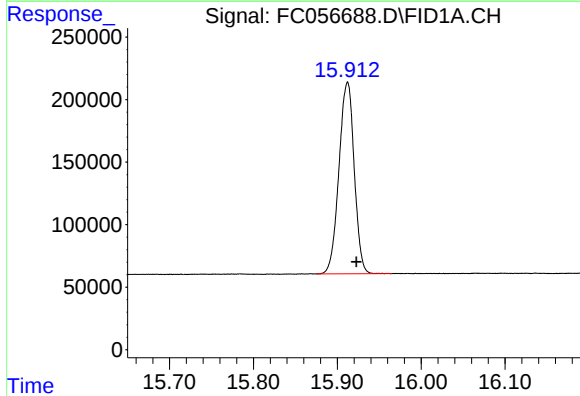
#13 n-Docosane (C22)

R.T.: 13.794 min  
Delta R.T.: -0.012 min  
Response: 2135466  
Conc: 18.97 ug/ml



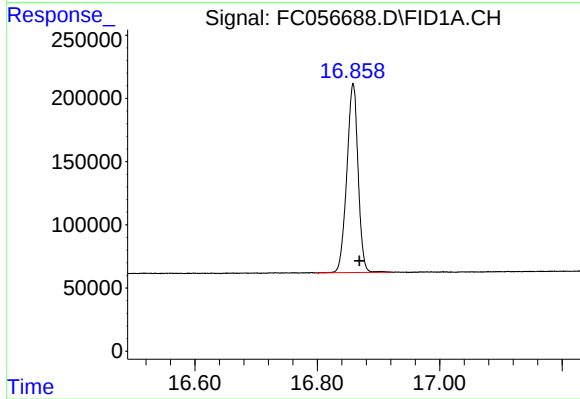
#14 n-Tetracosane (C24)

R.T.: 14.894 min  
Delta R.T.: -0.011 min  
Response: 2046641  
Conc: 18.57 ug/ml



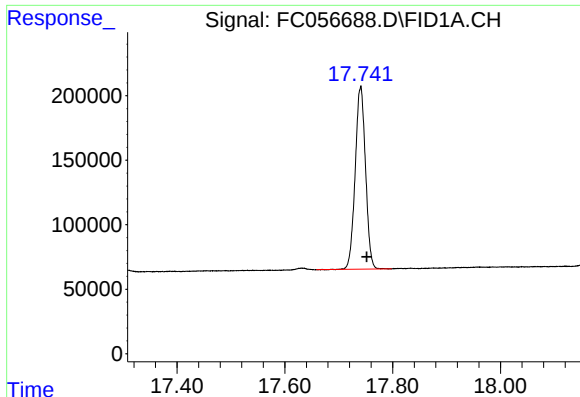
#15 n-Hexacosane (C26)

R.T.: 15.912 min  
Delta R.T.: -0.011 min  
Response: 1940698  
Conc: 18.39 ug/ml



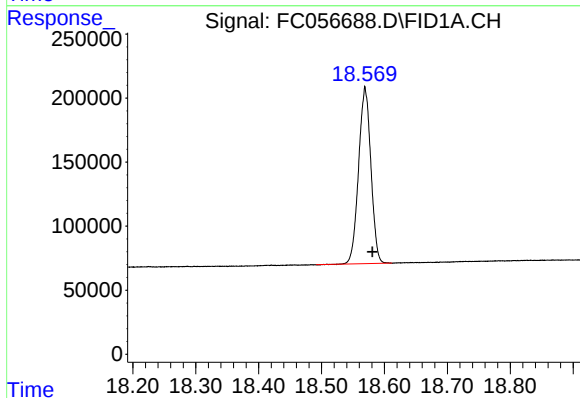
#16 n-Octacosane (C28)

R.T.: 16.858 min  
Delta R.T.: -0.010 min  
Response: 1907002  
Conc: 18.38 ug/ml



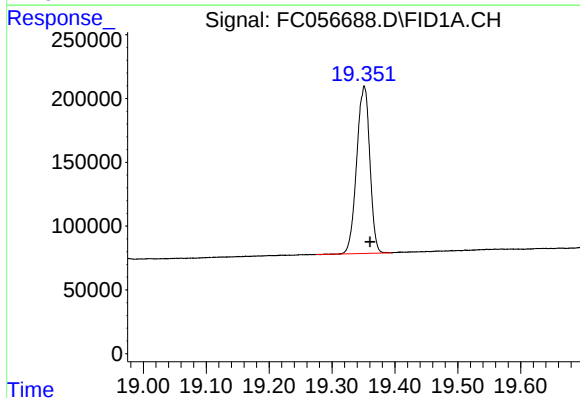
#17 n-Tricontane (C30)

R.T.: 17.740 min  
Delta R.T.: -0.012 min  
Response: 1882318  
Conc: 18.17 ug/ml



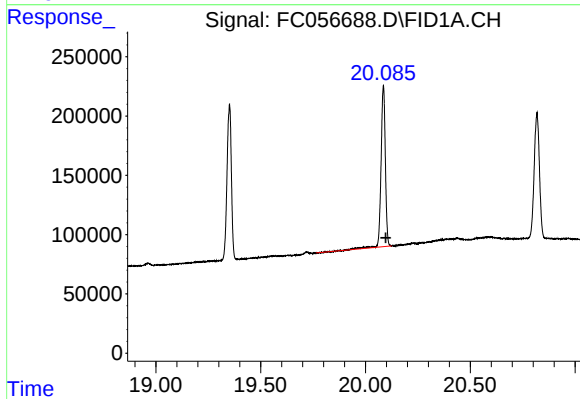
#18 n-Dotriacontane (C32)

R.T.: 18.569 min  
Delta R.T.: -0.012 min  
Response: 1867194  
Conc: 19.49 ug/ml



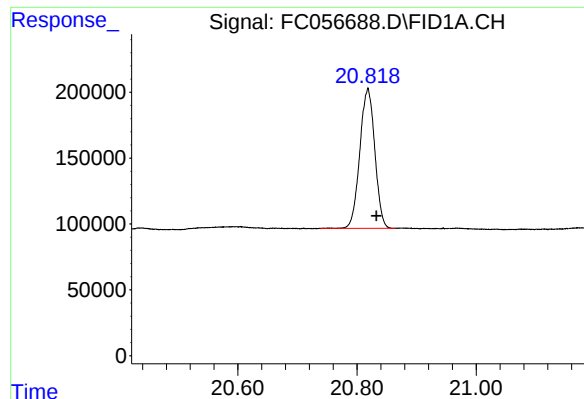
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min  
Delta R.T.: -0.010 min  
Response: 1897556  
Conc: 21.63 ug/ml



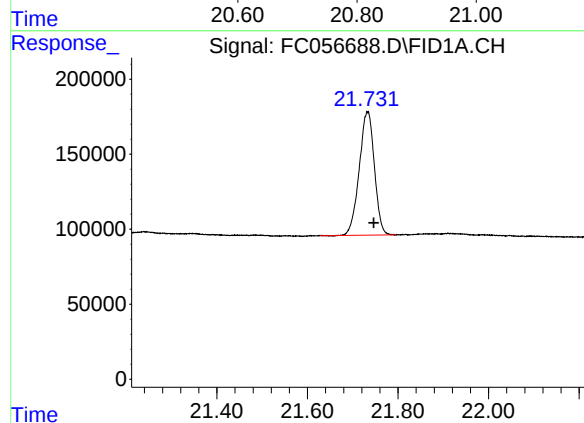
#20 n-Hexatriacontane (C36)

R.T.: 20.085 min  
Delta R.T.: -0.011 min  
Response: 1937924  
Conc: 23.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.818 min  
Delta R.T.: -0.014 min  
Response: 1848050  
Conc: 23.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.733 min  
Delta R.T.: -0.014 min  
Response: 1907769  
Conc: 23.16 ug/ml