

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091420AL\  
 Data File : FC049565.D  
 Signal(s) : FID1A.CH  
 Acq On : 14 Sep 2020 22:55  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 15 02:47:15 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)    | 11.665 | 2253132    | 19.610 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.22%        |
| 12) S 1-chlorooctadecane (S... | 13.098 | 1743489    | 19.574 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.15%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.401  | 2126573    | 20.556 ug/ml  |
| 2) T n-Decane (C10)            | 4.475  | 2146790    | 20.669 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.072  | 2361043    | 20.535 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.499  | 2174132    | 20.568 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.131  | 2380035    | 20.356 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.297  | 2135308    | 20.241 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.900  | 2079813    | 19.985 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.342 | 2138260    | 19.896 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.651 | 2122392    | 19.821 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.264 | 2088676    | 19.627 ug/ml  |
| 13) T n-Docosane (C22)         | 13.850 | 2096241    | 19.809 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.953 | 2104270    | 20.109 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.973 | 2051392    | 20.067 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.922 | 2044147    | 20.340 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.808 | 1984171    | 20.379 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.638 | 1853107    | 20.508 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.420 | 1747106    | 20.409 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.159 | 1695328    | 21.043 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.909 | 1637693    | 21.632 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.855 | 1696727    | 21.806 ug/ml  |
| -----                          |        |            |               |

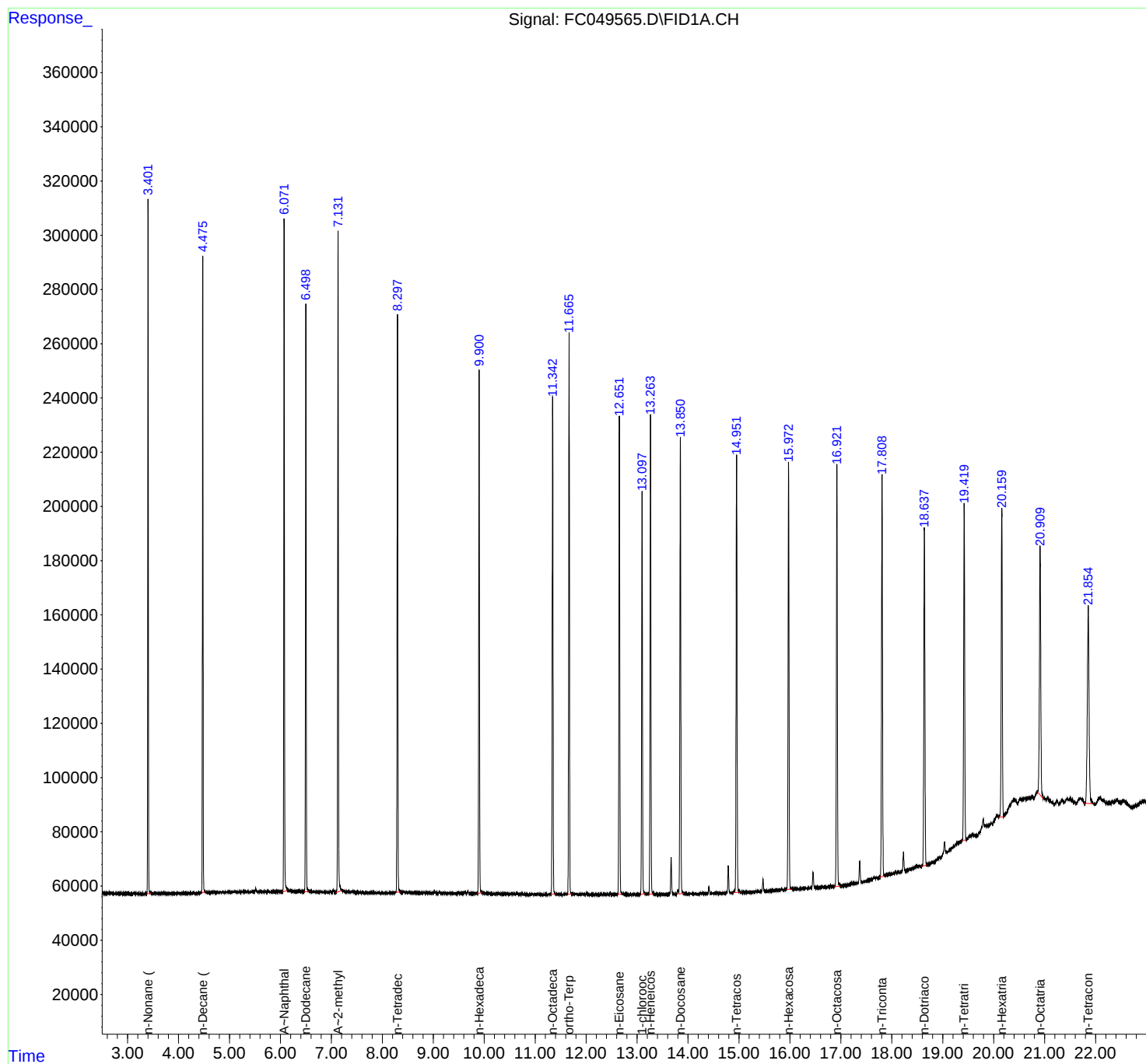
(f)=RT Delta > 1/2 Window

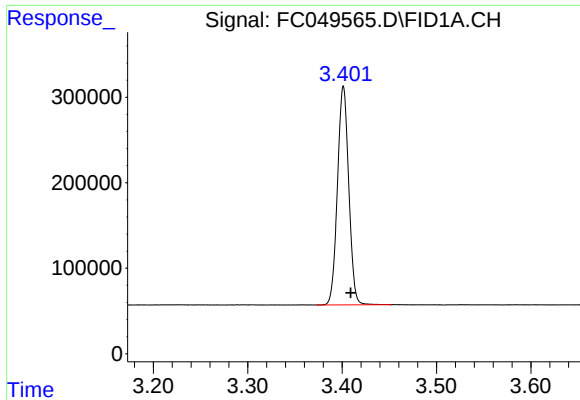
(m)=manual int.

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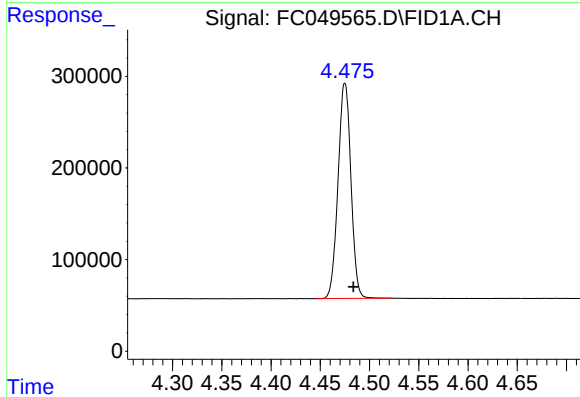
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





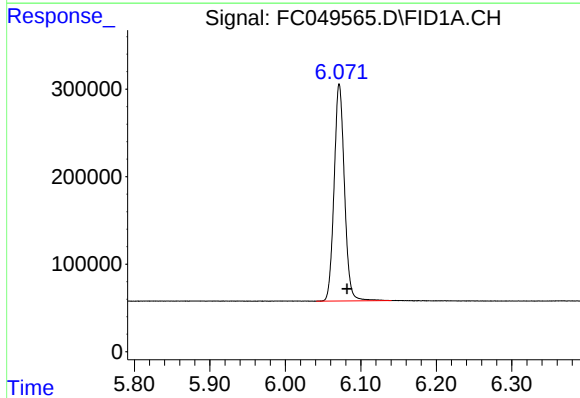
#1 n-Nonane (C9)

R.T.: 3.401 min  
Delta R.T.: -0.008 min  
Response: 2126573  
Conc: 20.56 ug/ml



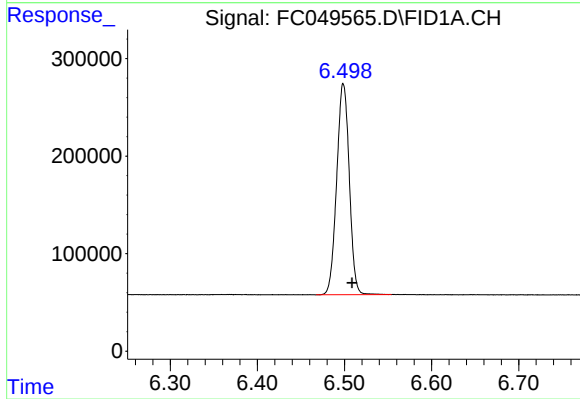
#2 n-Decane (C10)

R.T.: 4.475 min  
Delta R.T.: -0.008 min  
Response: 2146790  
Conc: 20.67 ug/ml



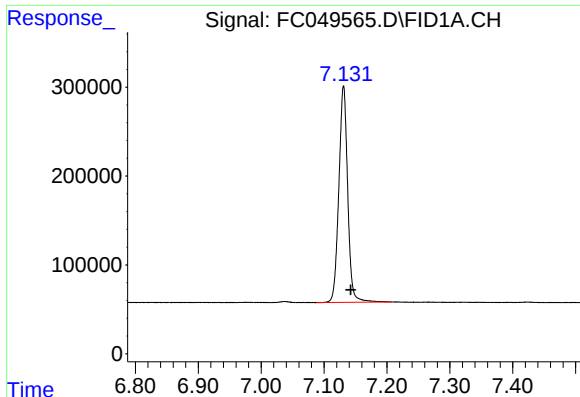
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min  
Delta R.T.: -0.010 min  
Response: 2361043  
Conc: 20.53 ug/ml



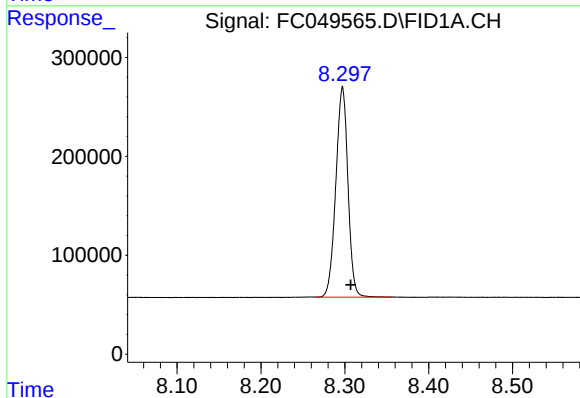
#4 n-Dodecane (C12)

R.T.: 6.499 min  
Delta R.T.: -0.010 min  
Response: 2174132  
Conc: 20.57 ug/ml



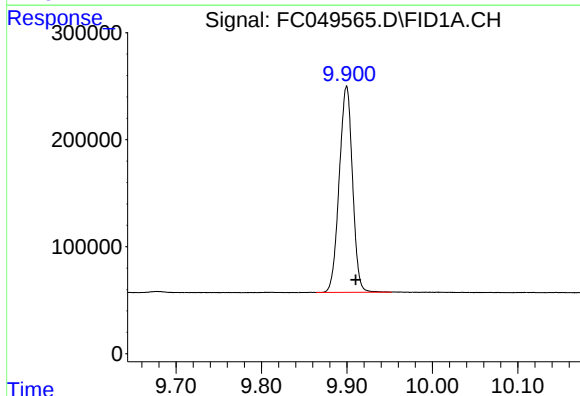
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.131 min  
Delta R.T.: -0.012 min  
Response: 2380035  
Conc: 20.36 ug/ml



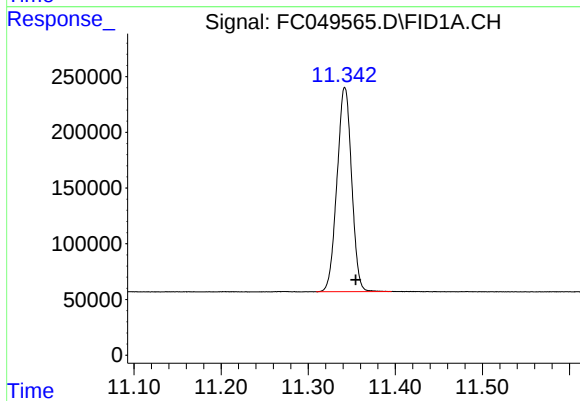
#6 n-Tetradecane (C14)

R.T.: 8.297 min  
Delta R.T.: -0.010 min  
Response: 2135308  
Conc: 20.24 ug/ml



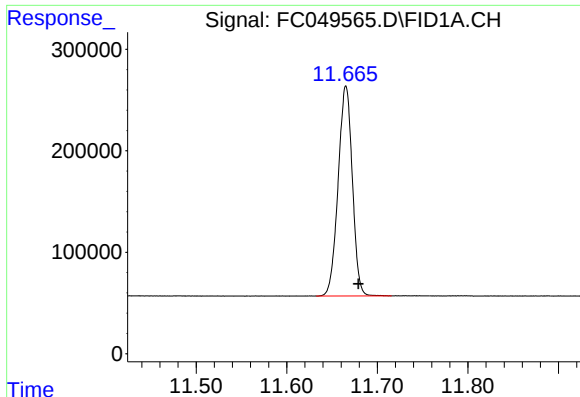
#7 n-Hexadecane (C16)

R.T.: 9.900 min  
Delta R.T.: -0.011 min  
Response: 2079813  
Conc: 19.99 ug/ml



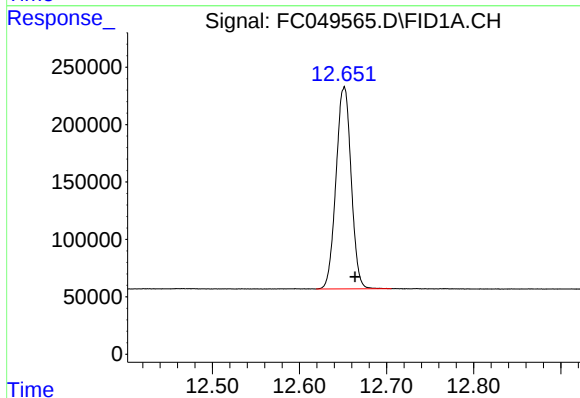
#8 n-Octadecane (C18)

R.T.: 11.342 min  
Delta R.T.: -0.012 min  
Response: 2138260  
Conc: 19.90 ug/ml



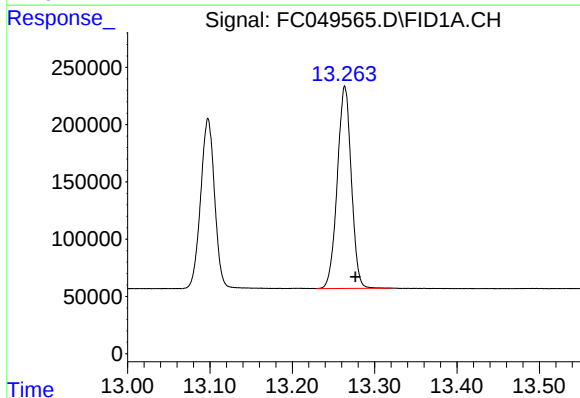
#9 ortho-Terphenyl (SURR)

R.T.: 11.665 min  
Delta R.T.: -0.014 min  
Response: 2253132  
Conc: 19.61 ug/ml



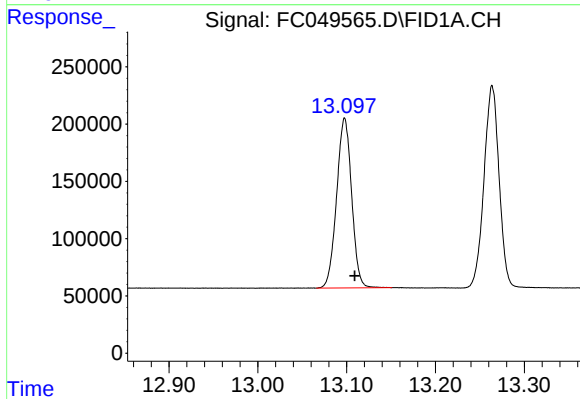
#10 n-Eicosane (C20)

R.T.: 12.651 min  
Delta R.T.: -0.012 min  
Response: 2122392  
Conc: 19.82 ug/ml



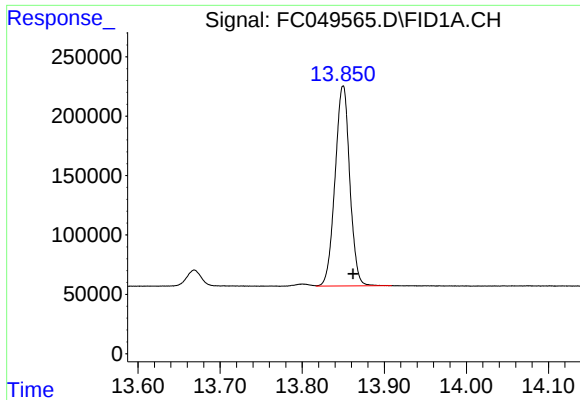
#11 n-Heneicosane (C21)

R.T.: 13.264 min  
Delta R.T.: -0.013 min  
Response: 2088676  
Conc: 19.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.098 min  
Delta R.T.: -0.012 min  
Response: 1743489  
Conc: 19.57 ug/ml



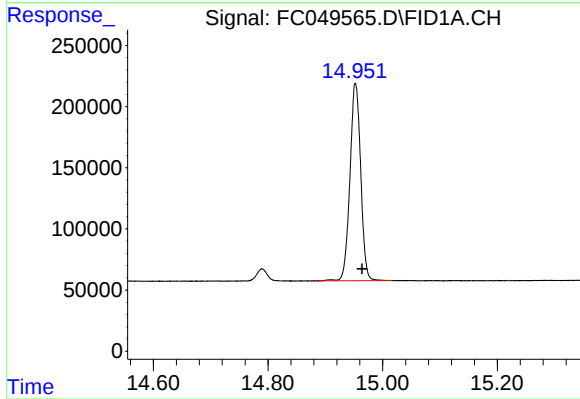
#13 n-Docosane (C22)

R.T.: 13.850 min

Delta R.T.: -0.012 min

Response: 2096241

Conc: 19.81 ug/ml



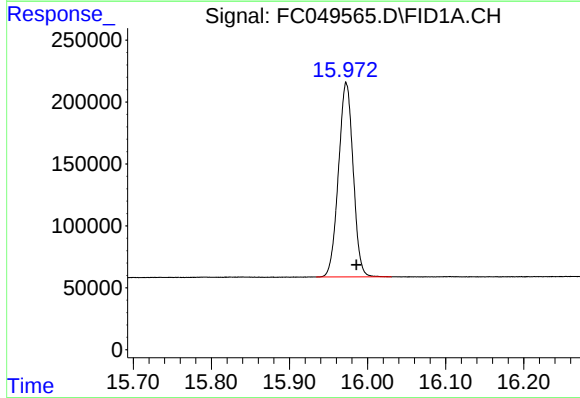
#14 n-Tetracosane (C24)

R.T.: 14.953 min

Delta R.T.: -0.012 min

Response: 2104270

Conc: 20.11 ug/ml



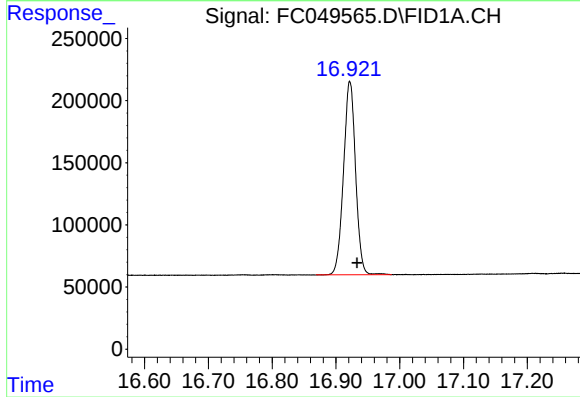
#15 n-Hexacosane (C26)

R.T.: 15.973 min

Delta R.T.: -0.013 min

Response: 2051392

Conc: 20.07 ug/ml



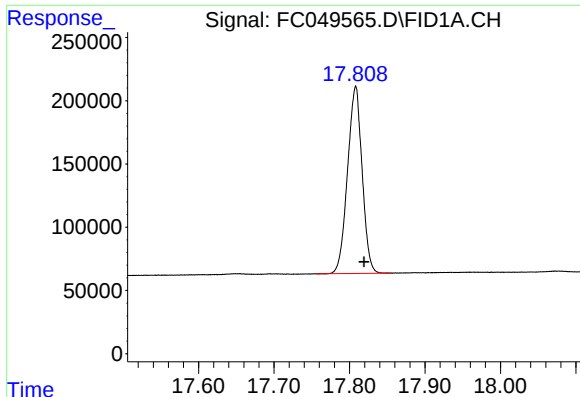
#16 n-Octacosane (C28)

R.T.: 16.922 min

Delta R.T.: -0.012 min

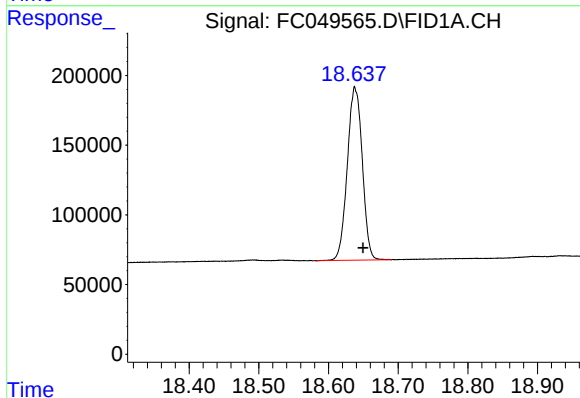
Response: 2044147

Conc: 20.34 ug/ml



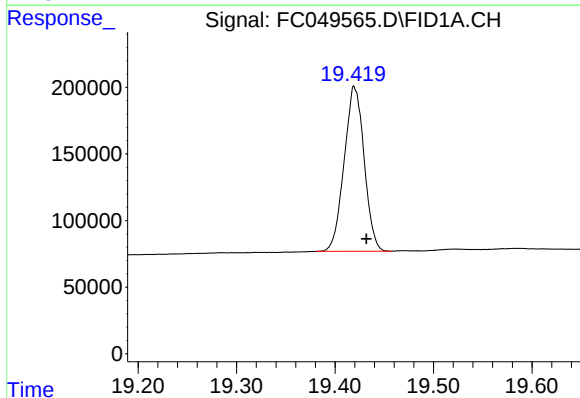
#17 n-Tricontane (C30)

R.T.: 17.808 min  
Delta R.T.: -0.011 min  
Response: 1984171  
Conc: 20.38 ug/ml



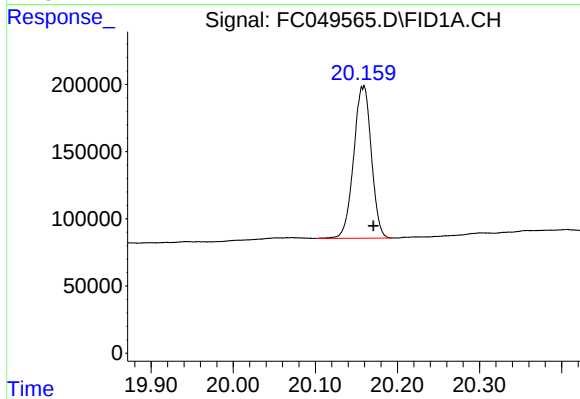
#18 n-Dotriacontane (C32)

R.T.: 18.638 min  
Delta R.T.: -0.012 min  
Response: 1853107  
Conc: 20.51 ug/ml



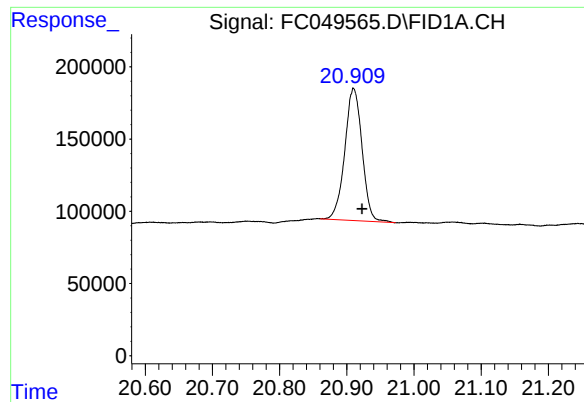
#19 n-Tetratriacontane (C34)

R.T.: 19.420 min  
Delta R.T.: -0.012 min  
Response: 1747106  
Conc: 20.41 ug/ml



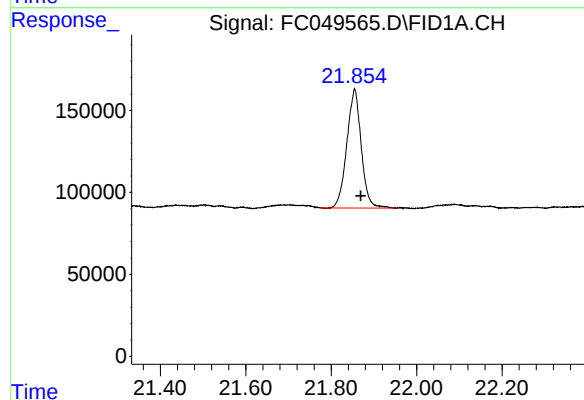
#20 n-Hexatriacontane (C36)

R.T.: 20.159 min  
Delta R.T.: -0.012 min  
Response: 1695328  
Conc: 21.04 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.909 min  
Delta R.T.: -0.014 min  
Response: 1637693  
Conc: 21.63 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.855 min  
Delta R.T.: -0.014 min  
Response: 1696727  
Conc: 21.81 ug/ml