

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071619AL\  
 Data File : FC042398.D  
 Signal(s) : FID1A.CH  
 Acq On : 16 Jul 2019 13:29  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 17 01:59:39 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 070919.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 10 08:56:11 2019  
 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)    | 11.698 | 2806628    | 21.205 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.41%       |
| 12) S 1-chlorooctadecane (S... | 13.122 | 2301912    | 20.998 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.496  | 2538195    | 21.801 ug/ml |
| 2) T n-Decane (C10)            | 4.560  | 2627482    | 22.270 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.147  | 2895413    | 22.305 ug/ml |
| 4) T n-Dodecane (C12)          | 6.564  | 2658677    | 22.406 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.197  | 2928010    | 22.534 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.347  | 2666410    | 22.411 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.938  | 2673155    | 22.263 ug/ml |
| 8) T n-Octadecane (C18)        | 11.373 | 2672751    | 21.901 ug/ml |
| 10) T n-Eicosane (C20)         | 12.676 | 2670748    | 21.415 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.286 | 2641932    | 21.106 ug/ml |
| 13) T n-Docosane (C22)         | 13.870 | 2611263    | 20.819 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.968 | 2542178    | 20.069 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.985 | 2445500    | 19.340 ug/ml |
| 16) T n-Octacosane (C28)       | 16.932 | 2380966    | 18.868 ug/ml |
| 17) T n-Tricontane (C30)       | 17.817 | 2297629    | 18.742 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.646 | 2119276    | 18.968 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.426 | 1805346    | 19.494 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.164 | 1583520    | 19.869 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.913 | 1505929    | 21.005 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.848 | 1523561    | 21.955 ug/ml |
| -----                          |        |            |              |

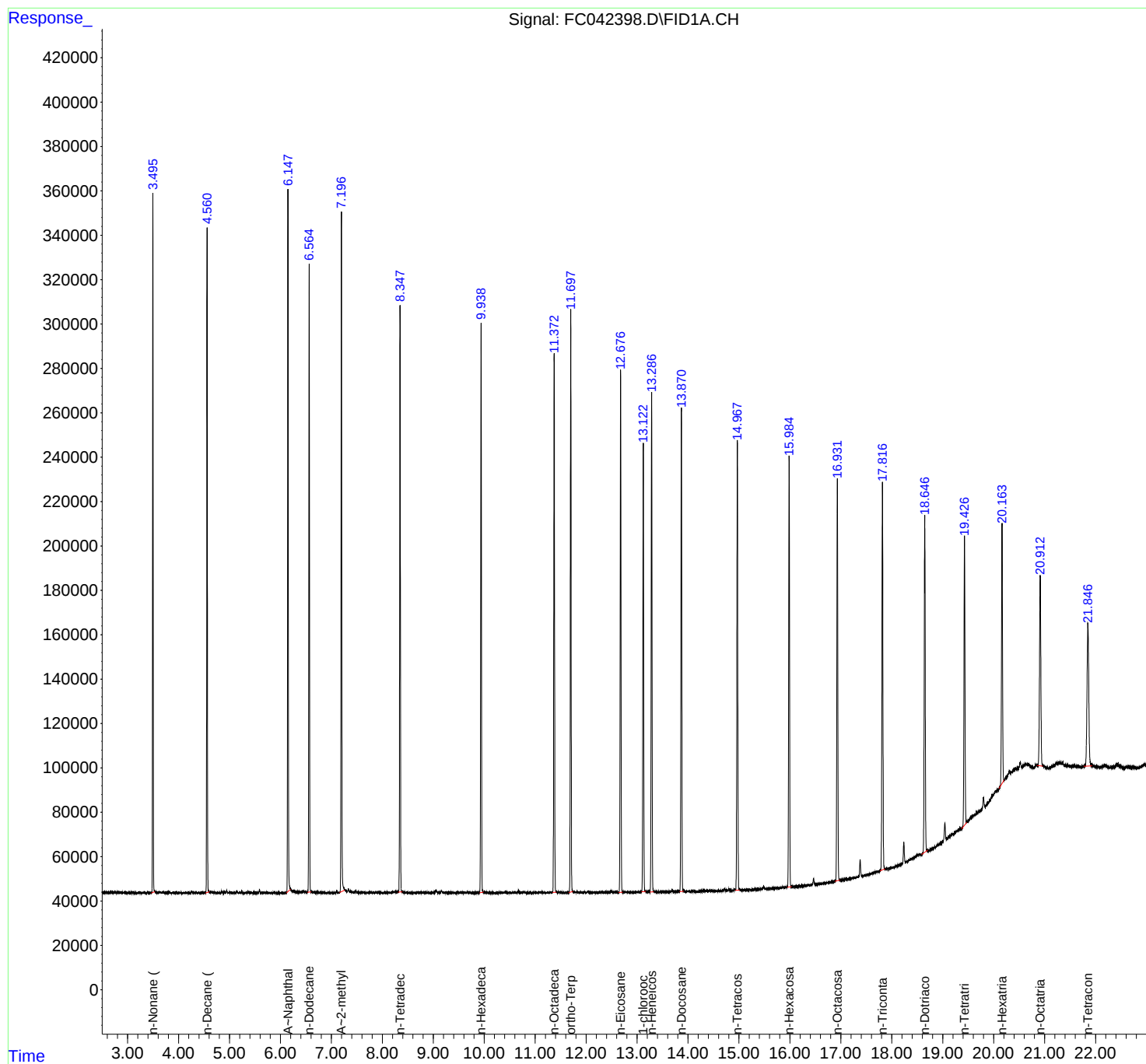
(f)=RT Delta > 1/2 Window

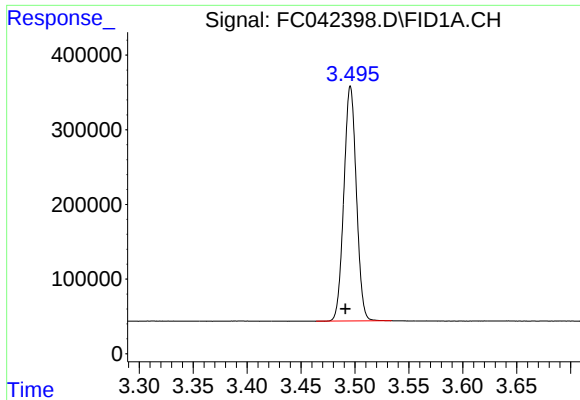
(m)=manual int.

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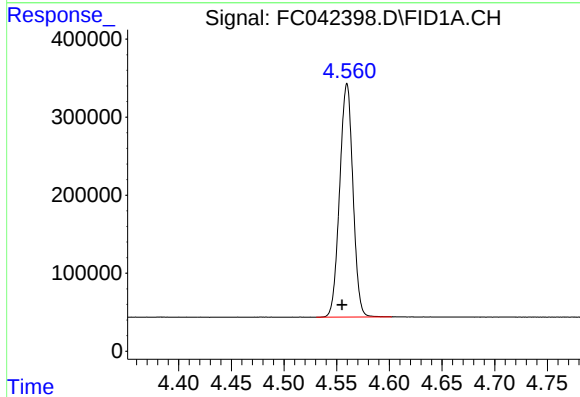
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





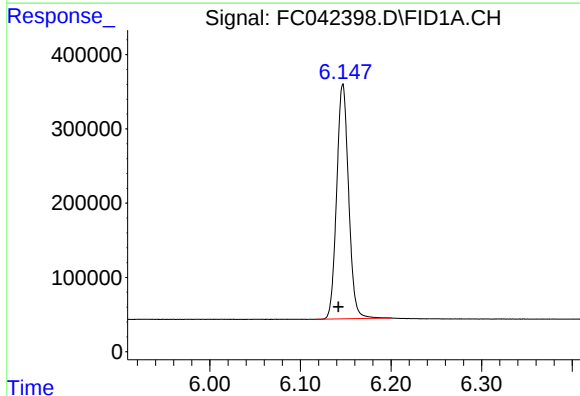
#1 n-Nonane (C9)

R.T.: 3.496 min  
Delta R.T.: 0.005 min  
Response: 2538195  
Conc: 21.80 ug/ml



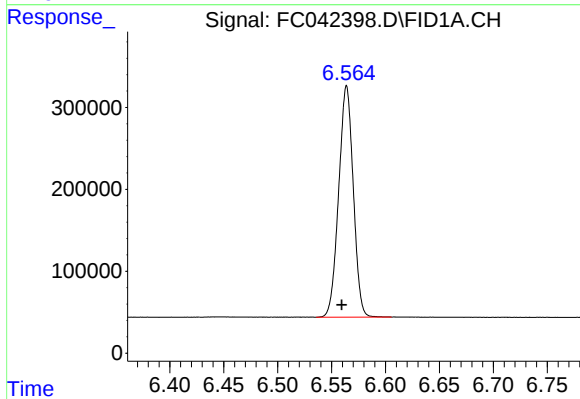
#2 n-Decane (C10)

R.T.: 4.560 min  
Delta R.T.: 0.005 min  
Response: 2627482  
Conc: 22.27 ug/ml



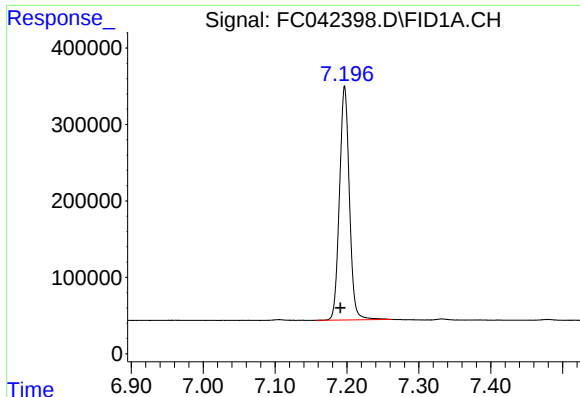
#3 A~Naphthalene (C11.7)

R.T.: 6.147 min  
Delta R.T.: 0.005 min  
Response: 2895413  
Conc: 22.30 ug/ml



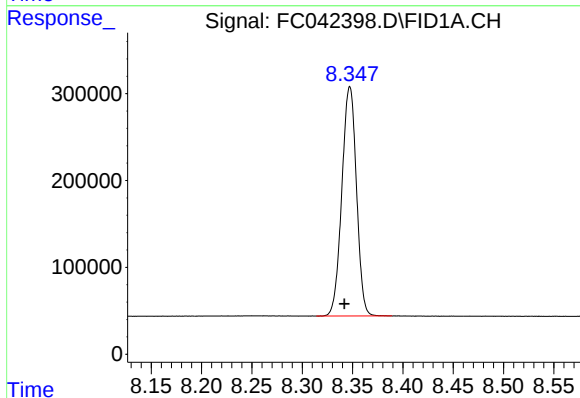
#4 n-Dodecane (C12)

R.T.: 6.564 min  
Delta R.T.: 0.005 min  
Response: 2658677  
Conc: 22.41 ug/ml



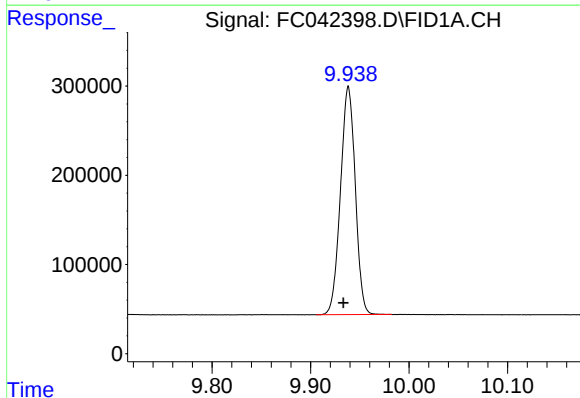
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.197 min  
Delta R.T.: 0.006 min  
Response: 2928010  
Conc: 22.53 ug/ml



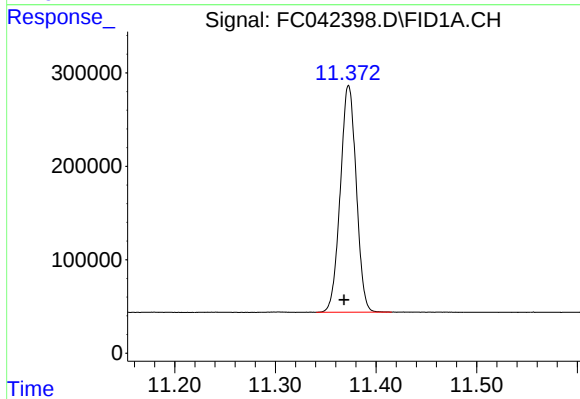
#6 n-Tetradecane (C14)

R.T.: 8.347 min  
Delta R.T.: 0.005 min  
Response: 2666410  
Conc: 22.41 ug/ml



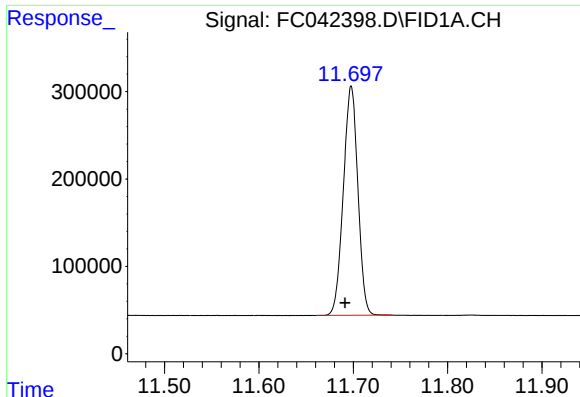
#7 n-Hexadecane (C16)

R.T.: 9.938 min  
Delta R.T.: 0.005 min  
Response: 2673155  
Conc: 22.26 ug/ml



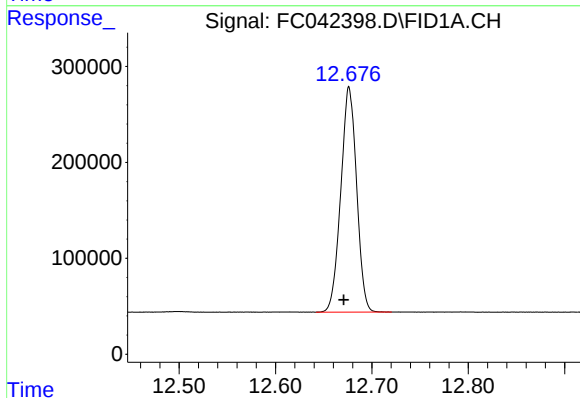
#8 n-Octadecane (C18)

R.T.: 11.373 min  
Delta R.T.: 0.005 min  
Response: 2672751  
Conc: 21.90 ug/ml



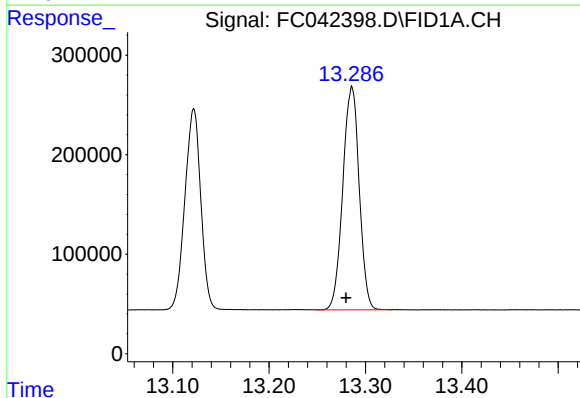
#9 ortho-Terphenyl (SURR)

R.T.: 11.698 min  
Delta R.T.: 0.007 min  
Response: 2806628  
Conc: 21.21 ug/ml



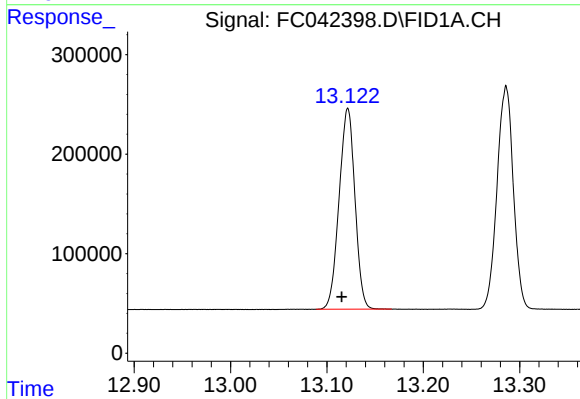
#10 n-Eicosane (C20)

R.T.: 12.676 min  
Delta R.T.: 0.006 min  
Response: 2670748  
Conc: 21.41 ug/ml



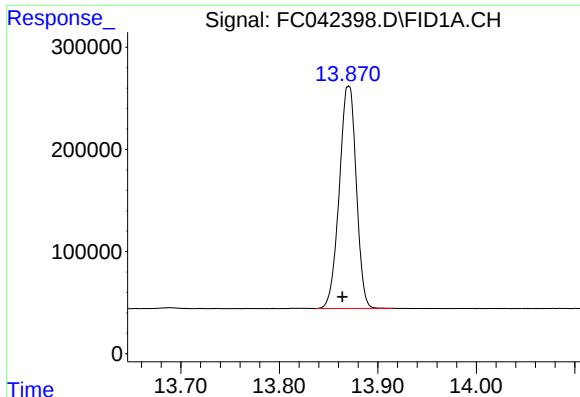
#11 n-Heneicosane (C21)

R.T.: 13.286 min  
Delta R.T.: 0.006 min  
Response: 2641932  
Conc: 21.11 ug/ml



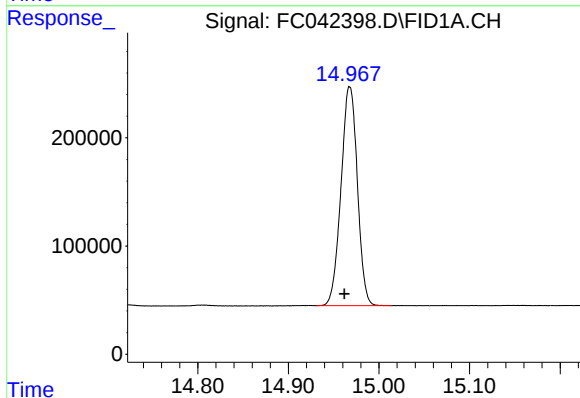
#12 1-chlorooctadecane (SURR)

R.T.: 13.122 min  
Delta R.T.: 0.006 min  
Response: 2301912  
Conc: 21.00 ug/ml



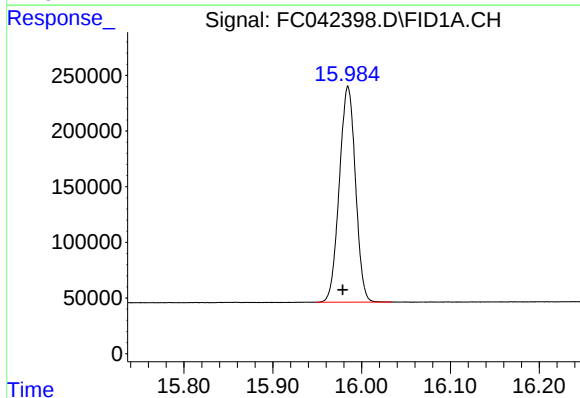
#13 n-Docosane (C22)

R.T.: 13.870 min  
Delta R.T.: 0.006 min  
Response: 2611263  
Conc: 20.82 ug/ml



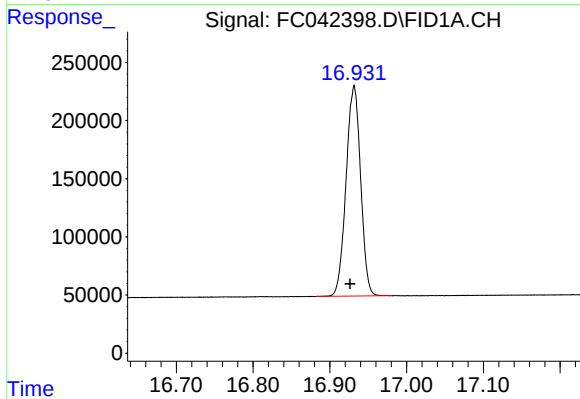
#14 n-Tetracosane (C24)

R.T.: 14.968 min  
Delta R.T.: 0.006 min  
Response: 2542178  
Conc: 20.07 ug/ml



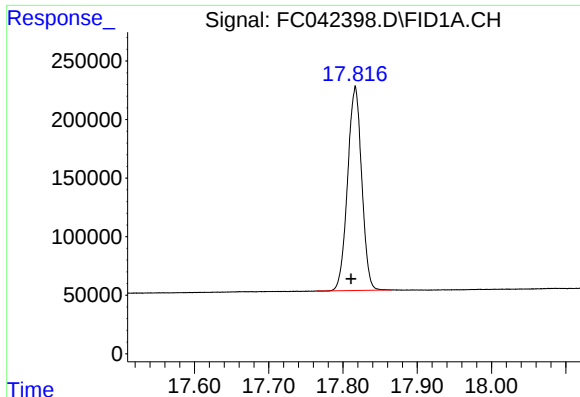
#15 n-Hexacosane (C26)

R.T.: 15.985 min  
Delta R.T.: 0.006 min  
Response: 2445500  
Conc: 19.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.932 min  
Delta R.T.: 0.005 min  
Response: 2380966  
Conc: 18.87 ug/ml



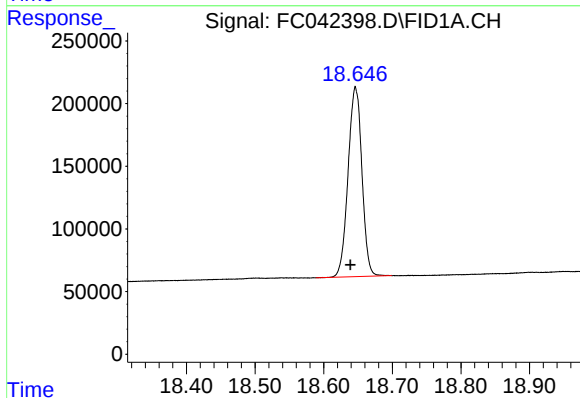
#17 n-Tricontane (C30)

R.T.: 17.817 min

Delta R.T.: 0.006 min

Response: 2297629

Conc: 18.74 ug/ml



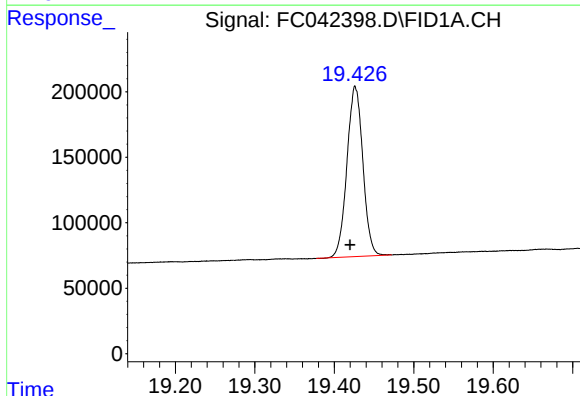
#18 n-Dotriacontane (C32)

R.T.: 18.646 min

Delta R.T.: 0.007 min

Response: 2119276

Conc: 18.97 ug/ml



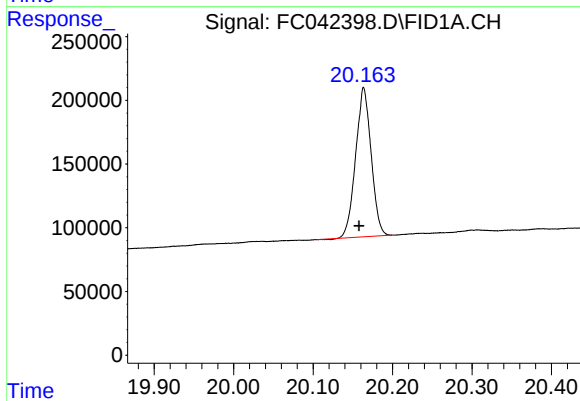
#19 n-Tetratriacontane (C34)

R.T.: 19.426 min

Delta R.T.: 0.006 min

Response: 1805346

Conc: 19.49 ug/ml



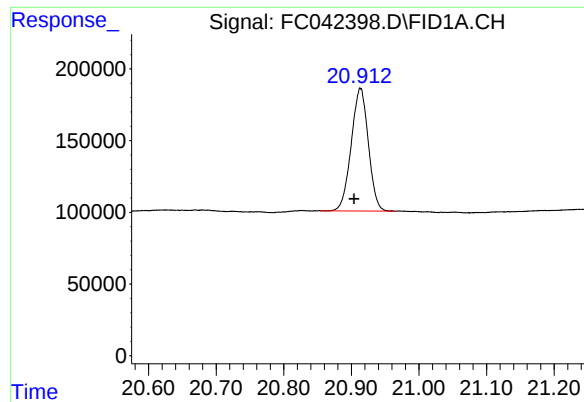
#20 n-Hexatriacontane (C36)

R.T.: 20.164 min

Delta R.T.: 0.006 min

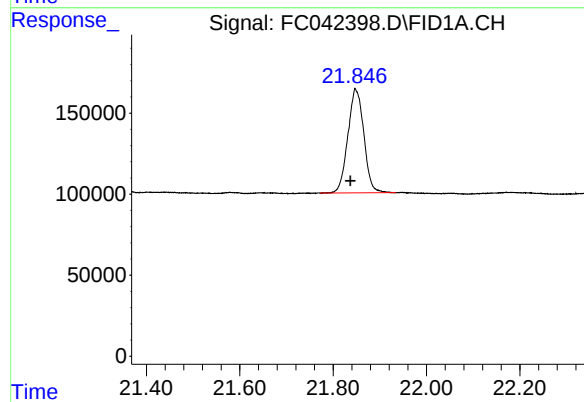
Response: 1583520

Conc: 19.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.913 min  
Delta R.T.: 0.009 min  
Response: 1505929  
Conc: 21.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.848 min  
Delta R.T.: 0.010 min  
Response: 1523561  
Conc: 21.96 ug/ml