

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC061219AL\  
 Data File : FC041736.D  
 Signal(s) : FID1A.CH  
 Acq On : 12 Jun 2019 15:09  
 Operator : DD\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 13 06:59:14 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 061219.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 13 06:57:05 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)    | 11.702 | 718010     | 5.338 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.68%      |
| 12) S 1-chlorooctadecane (S... | 13.128 | 588846     | 5.289 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.58%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.492  | 630203     | 5.353 ug/ml |
| 2) T n-Decane (C10)            | 4.557  | 634968     | 5.321 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.144  | 716221     | 5.316 ug/ml |
| 4) T n-Dodecane (C12)          | 6.564  | 644866     | 5.370 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.194  | 713601     | 5.282 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.349  | 656249     | 5.370 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.943  | 666623     | 5.382 ug/ml |
| 8) T n-Octadecane (C18)        | 11.379 | 668455     | 5.335 ug/ml |
| 10) T n-Eicosane (C20)         | 12.684 | 688544     | 5.385 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.294 | 687653     | 5.390 ug/ml |
| 13) T n-Docosane (C22)         | 13.878 | 685674     | 5.368 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.977 | 698124     | 5.444 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.995 | 674454     | 5.373 ug/ml |
| 16) T n-Octacosane (C28)       | 16.941 | 666644     | 5.414 ug/ml |
| 17) T n-Tricontane (C30)       | 17.826 | 646799     | 5.499 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.657 | 616201     | 5.704 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.438 | 474960     | 5.435 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.176 | 479577     | 6.182 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.928 | 360484     | 5.274 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.870 | 372114     | 5.520 ug/ml |
| -----                          |        |            |             |

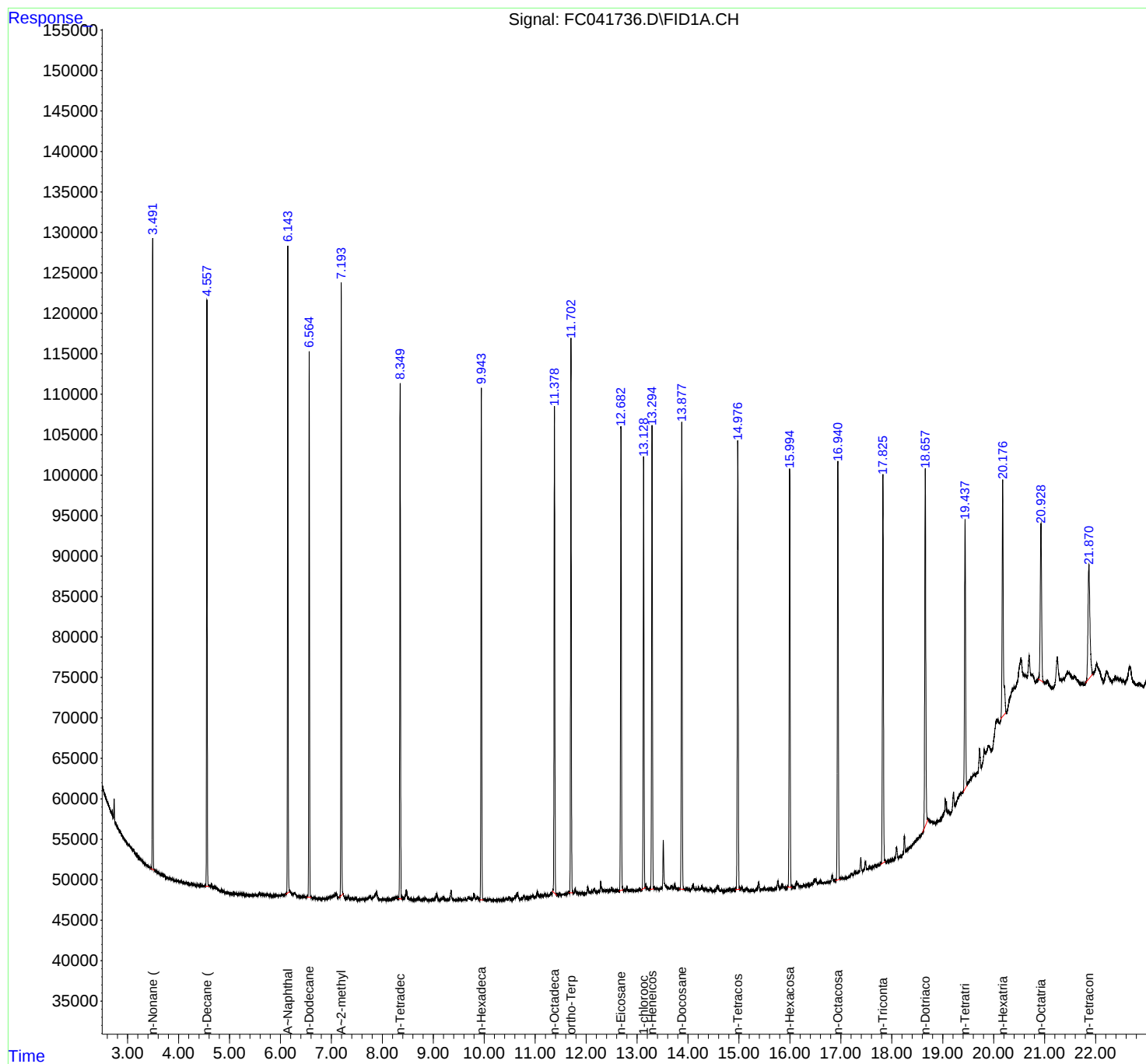
(f)=RT Delta > 1/2 Window

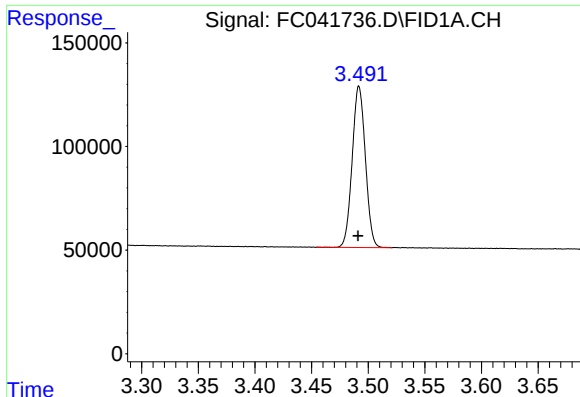
(m)=manual int.

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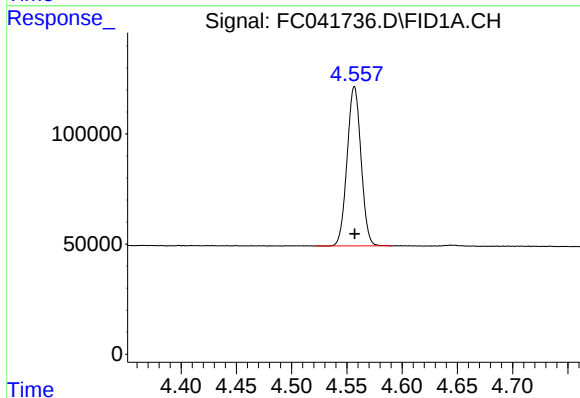
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





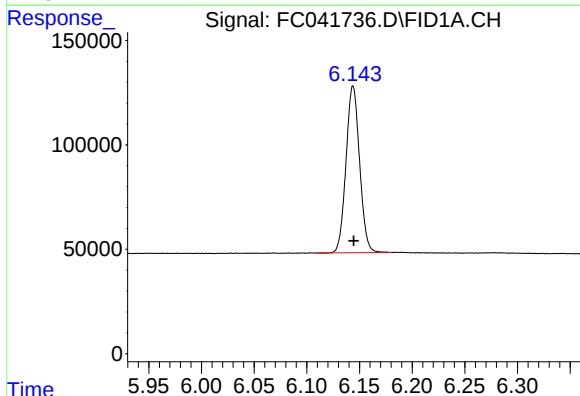
#1 n-Nonane (C9)

R.T.: 3.492 min  
Delta R.T.: 0.000 min  
Response: 630203  
Conc: 5.35 ug/ml



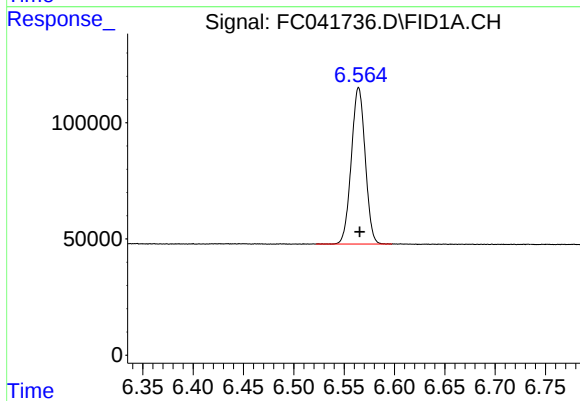
#2 n-Decane (C10)

R.T.: 4.557 min  
Delta R.T.: 0.000 min  
Response: 634968  
Conc: 5.32 ug/ml



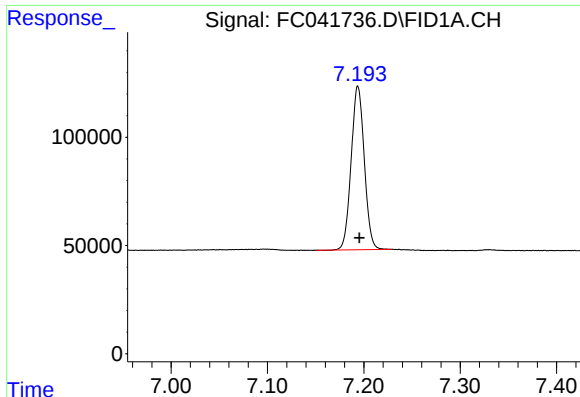
#3 A~Naphthalene (C11.7)

R.T.: 6.144 min  
Delta R.T.: 0.000 min  
Response: 716221  
Conc: 5.32 ug/ml



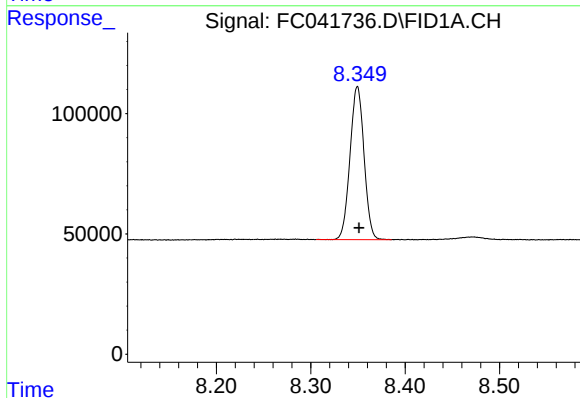
#4 n-Dodecane (C12)

R.T.: 6.564 min  
Delta R.T.: -0.001 min  
Response: 644866  
Conc: 5.37 ug/ml



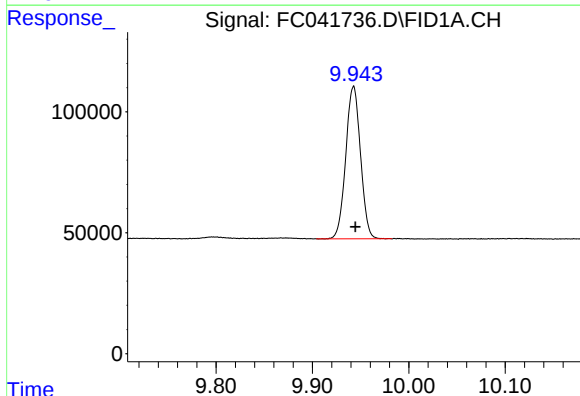
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.194 min  
Delta R.T.: -0.001 min  
Response: 713601  
Conc: 5.28 ug/ml



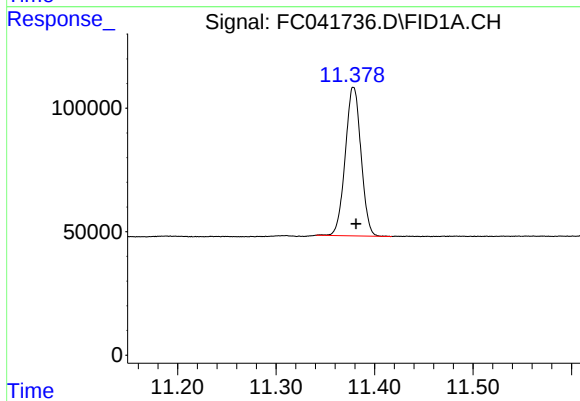
#6 n-Tetradecane (C14)

R.T.: 8.349 min  
Delta R.T.: -0.002 min  
Response: 656249  
Conc: 5.37 ug/ml



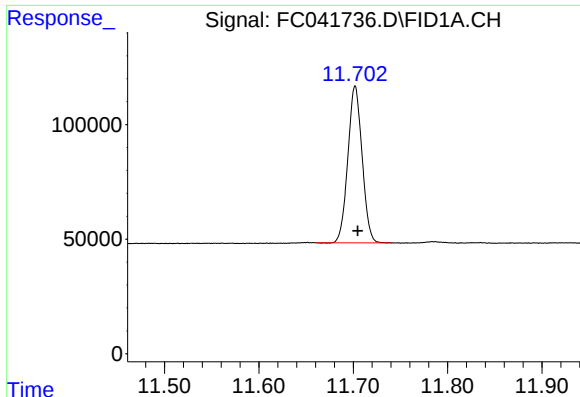
#7 n-Hexadecane (C16)

R.T.: 9.943 min  
Delta R.T.: -0.002 min  
Response: 666623  
Conc: 5.38 ug/ml



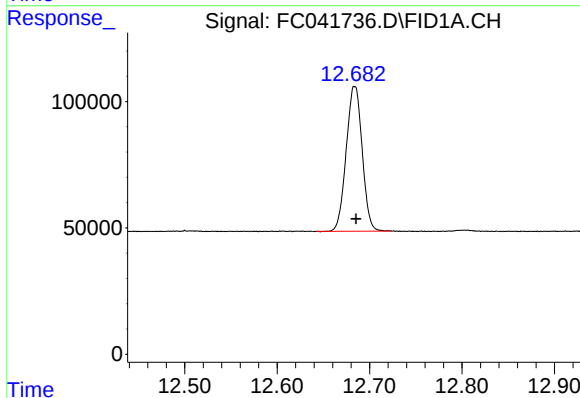
#8 n-Octadecane (C18)

R.T.: 11.379 min  
Delta R.T.: -0.003 min  
Response: 668455  
Conc: 5.34 ug/ml



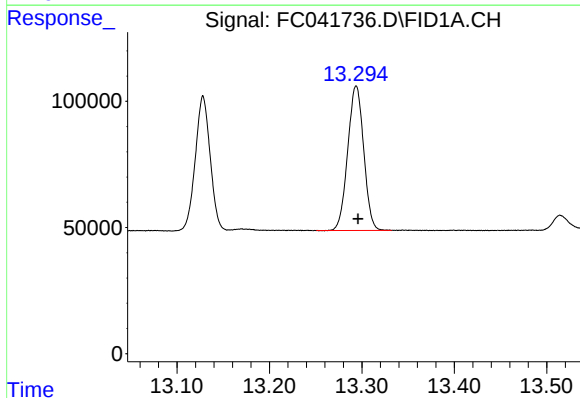
#9 ortho-Terphenyl (SURR)

R.T.: 11.702 min  
Delta R.T.: -0.003 min  
Response: 718010  
Conc: 5.34 ug/ml



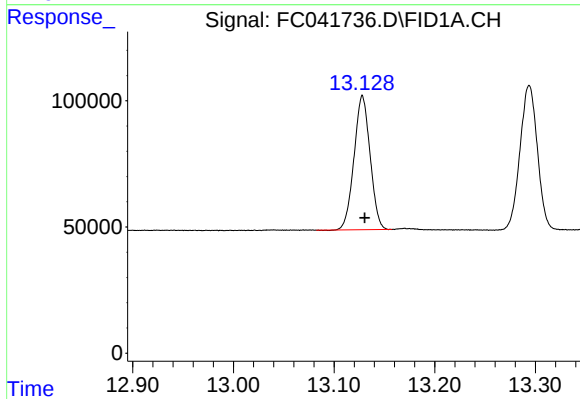
#10 n-Eicosane (C20)

R.T.: 12.684 min  
Delta R.T.: -0.001 min  
Response: 688544  
Conc: 5.38 ug/ml



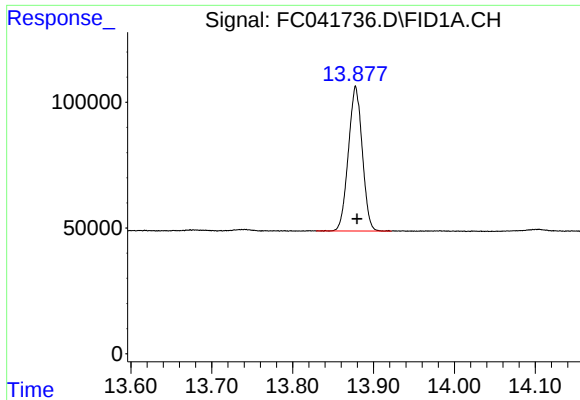
#11 n-Heneicosane (C21)

R.T.: 13.294 min  
Delta R.T.: -0.002 min  
Response: 687653  
Conc: 5.39 ug/ml



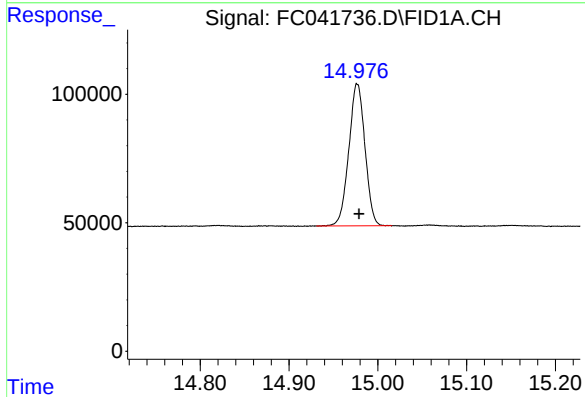
#12 1-chlorooctadecane (SURR)

R.T.: 13.128 min  
Delta R.T.: -0.002 min  
Response: 588846  
Conc: 5.29 ug/ml



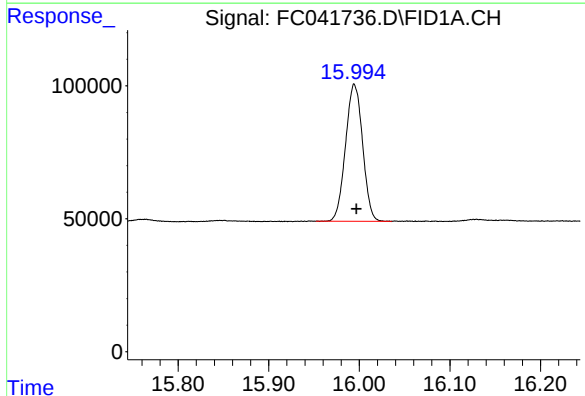
#13 n-Docosane (C22)

R.T.: 13.878 min  
Delta R.T.: -0.002 min  
Response: 685674  
Conc: 5.37 ug/ml



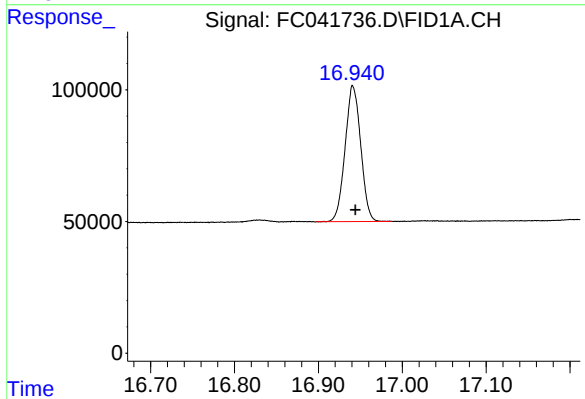
#14 n-Tetracosane (C24)

R.T.: 14.977 min  
Delta R.T.: -0.002 min  
Response: 698124  
Conc: 5.44 ug/ml



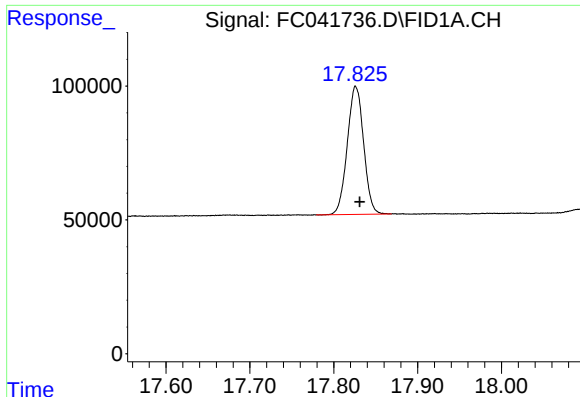
#15 n-Hexacosane (C26)

R.T.: 15.995 min  
Delta R.T.: -0.002 min  
Response: 674454  
Conc: 5.37 ug/ml



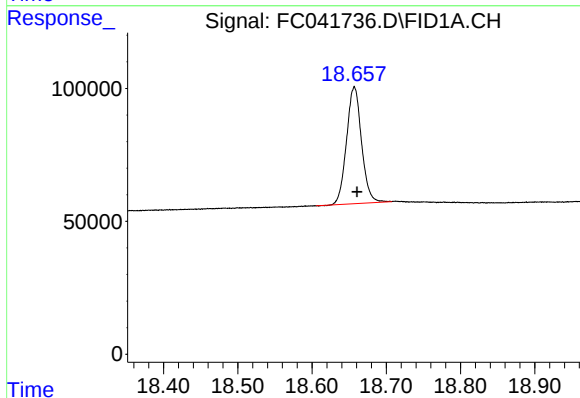
#16 n-Octacosane (C28)

R.T.: 16.941 min  
Delta R.T.: -0.003 min  
Response: 666644  
Conc: 5.41 ug/ml



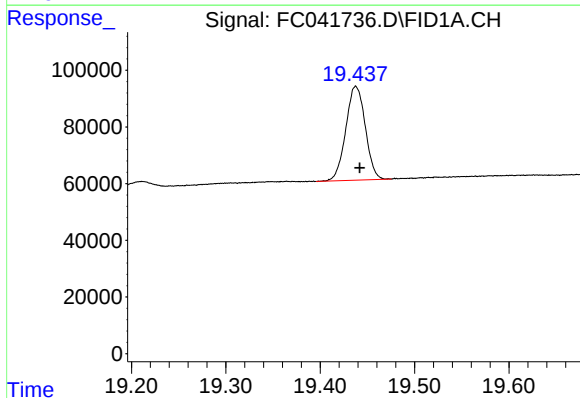
#17 n-Tricontane (C30)

R.T.: 17.826 min  
Delta R.T.: -0.005 min  
Response: 646799  
Conc: 5.50 ug/ml



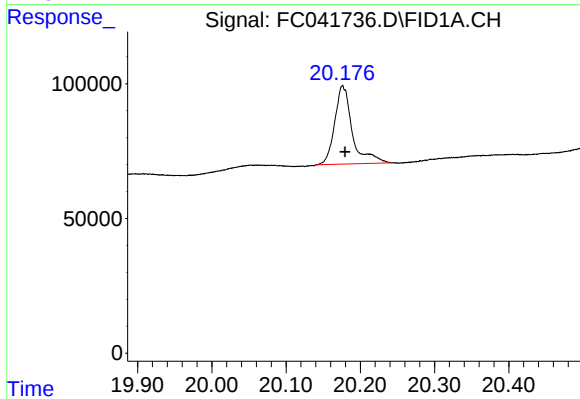
#18 n-Dotriacontane (C32)

R.T.: 18.657 min  
Delta R.T.: -0.004 min  
Response: 616201  
Conc: 5.70 ug/ml



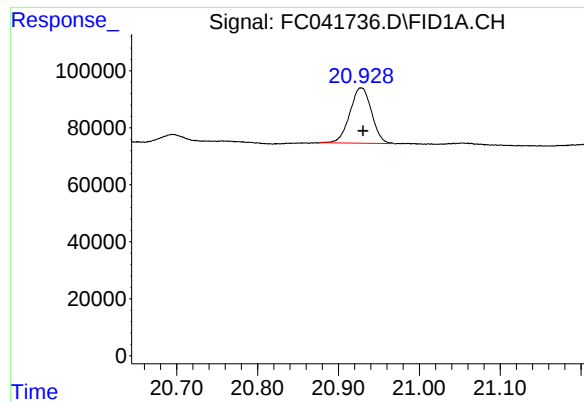
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min  
Delta R.T.: -0.004 min  
Response: 474960  
Conc: 5.44 ug/ml



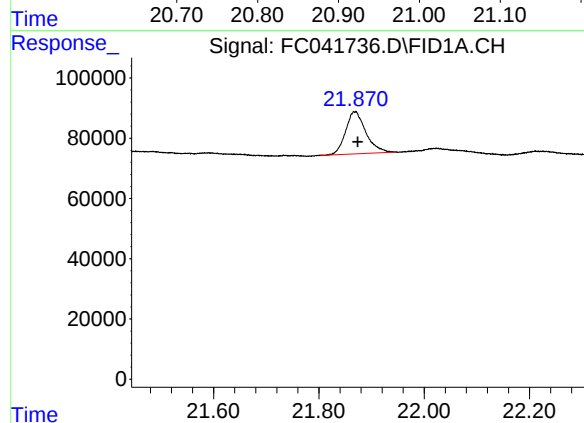
#20 n-Hexatriacontane (C36)

R.T.: 20.176 min  
Delta R.T.: -0.003 min  
Response: 479577  
Conc: 6.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.928 min  
Delta R.T.: -0.002 min  
Response: 360484  
Conc: 5.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.870 min  
Delta R.T.: -0.004 min  
Response: 372114  
Conc: 5.52 ug/ml