

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120419AL\  
 Data File : FC044802.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Dec 2019 13:25  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 05 00:55:59 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 112219.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 23 03:00:37 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)    | 11.759 | 2370450    | 20.803 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.61%       |
| 12) S 1-chlorooctadecane (S... | 13.185 | 1833767    | 20.708 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.42%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.502  | 2155862    | 21.206 ug/ml |
| 2) T n-Decane (C10)            | 4.577  | 2180617    | 21.473 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.178  | 2445945    | 21.409 ug/ml |
| 4) T n-Dodecane (C12)          | 6.598  | 2204763    | 21.671 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.234  | 2463792    | 21.486 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.391  | 2213099    | 21.712 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.990  | 2223300    | 21.668 ug/ml |
| 8) T n-Octadecane (C18)        | 11.431 | 2215401    | 21.396 ug/ml |
| 10) T n-Eicosane (C20)         | 12.738 | 2187512    | 20.970 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.350 | 2182705    | 20.692 ug/ml |
| 13) T n-Docosane (C22)         | 13.936 | 2152544    | 20.405 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.037 | 2112262    | 19.730 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.059 | 2056475    | 19.323 ug/ml |
| 16) T n-Octacosane (C28)       | 17.008 | 2000080    | 19.056 ug/ml |
| 17) T n-Tricontane (C30)       | 17.894 | 1895684    | 18.933 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.727 | 1590525    | 19.103 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.508 | 1336157    | 19.475 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.248 | 1201944    | 20.137 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.023 | 1091277    | 20.300 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.997 | 1115121    | 20.813 ug/ml |
| -----                          |        |            |              |

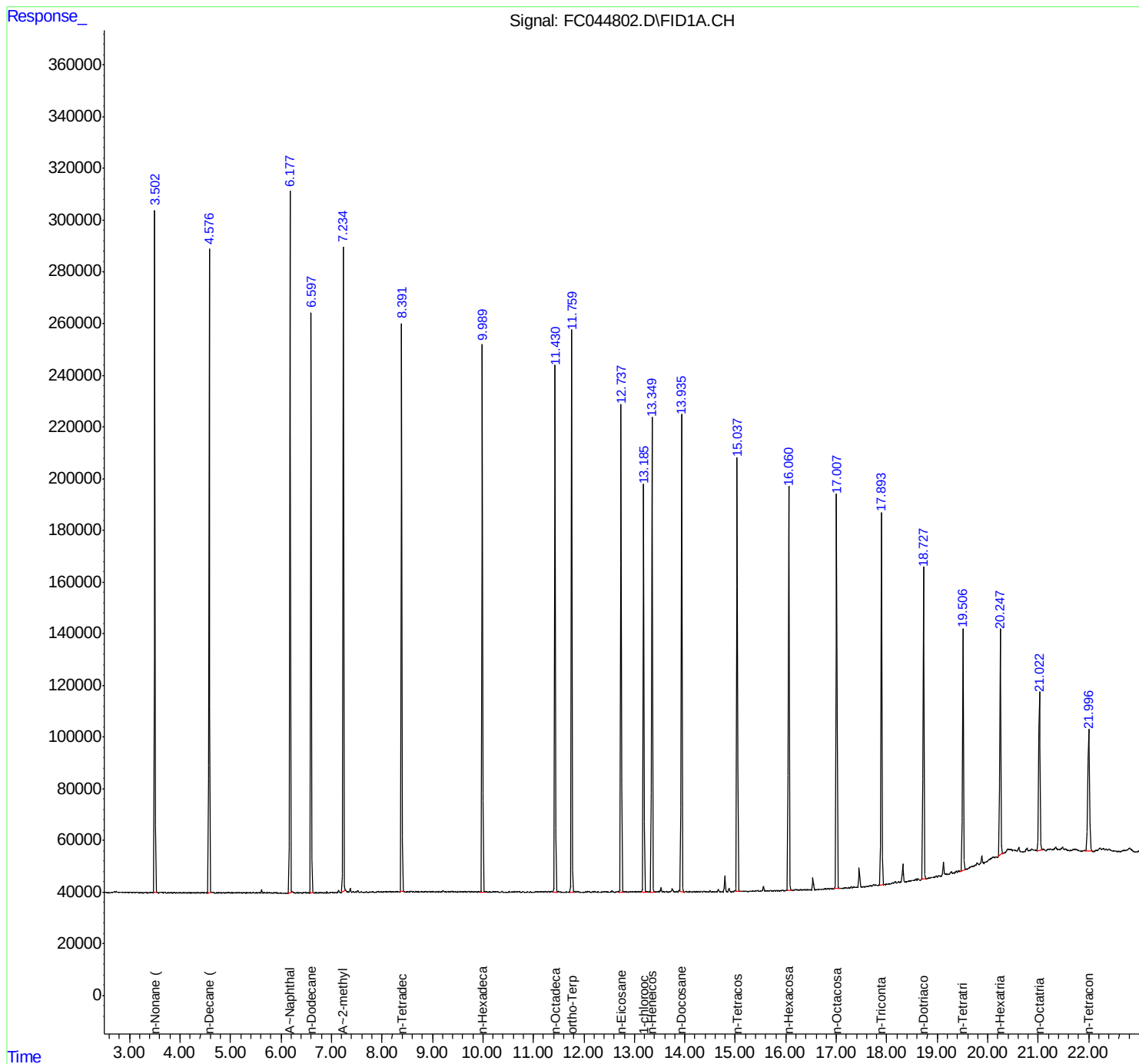
(f)=RT Delta > 1/2 Window

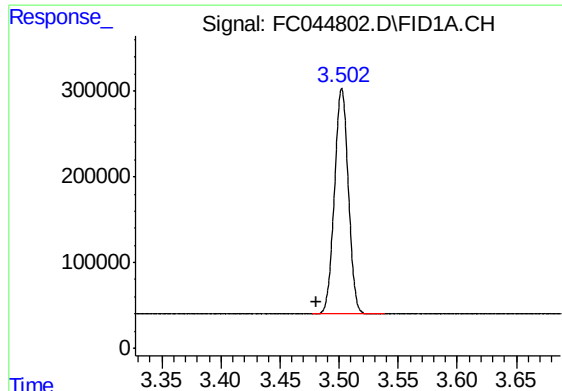
(m)=manual int.

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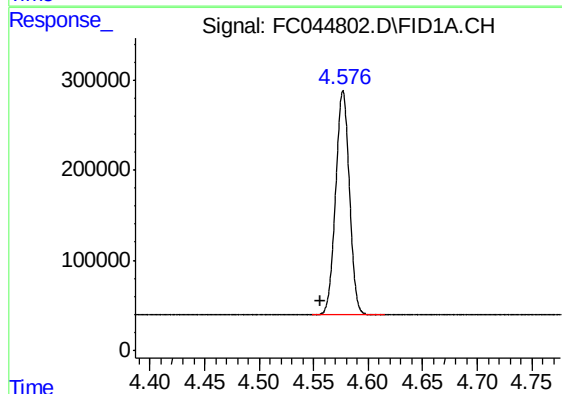
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





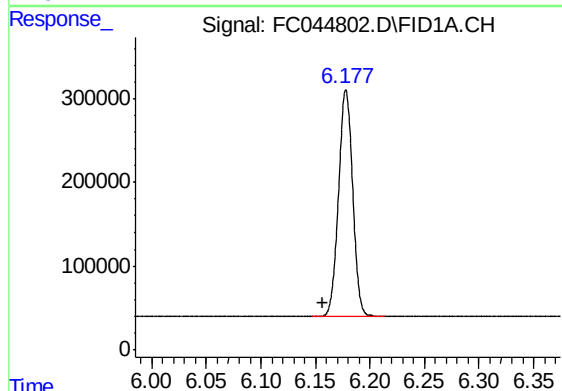
#1 n-Nonane (C9)

R.T.: 3.502 min  
Delta R.T.: 0.021 min  
Response: 2155862  
Conc: 21.21 ug/ml



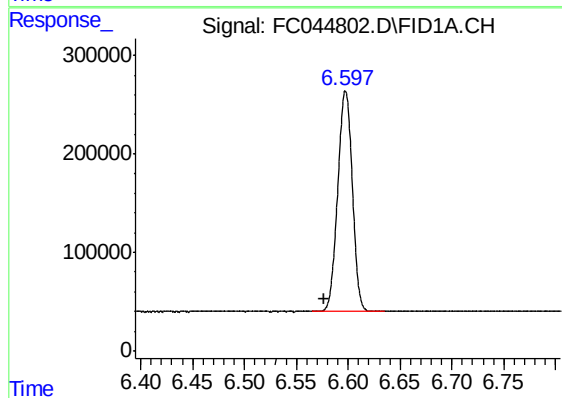
#2 n-Decane (C10)

R.T.: 4.577 min  
Delta R.T.: 0.021 min  
Response: 2180617  
Conc: 21.47 ug/ml



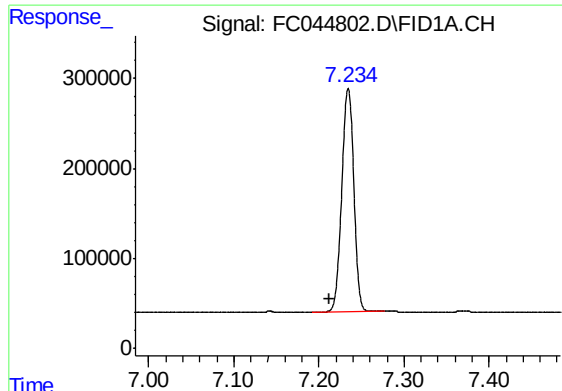
#3 A~Naphthalene (C11.7)

R.T.: 6.178 min  
Delta R.T.: 0.021 min  
Response: 2445945  
Conc: 21.41 ug/ml



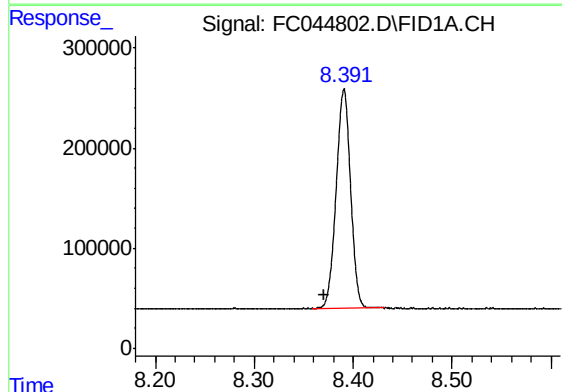
#4 n-Dodecane (C12)

R.T.: 6.598 min  
Delta R.T.: 0.020 min  
Response: 2204763  
Conc: 21.67 ug/ml



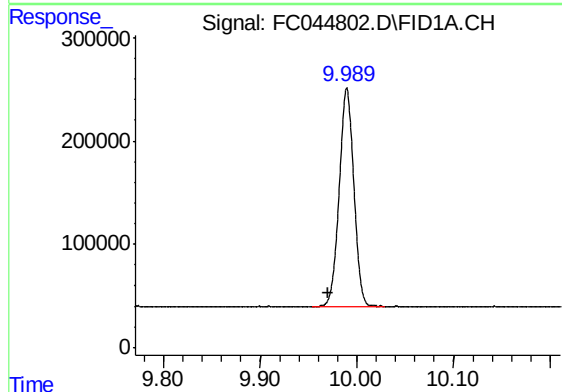
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.234 min  
Delta R.T.: 0.022 min  
Response: 2463792  
Conc: 21.49 ug/ml



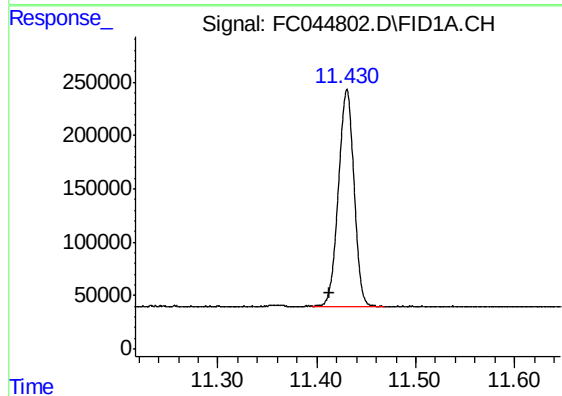
#6 n-Tetradecane (C14)

R.T.: 8.391 min  
Delta R.T.: 0.020 min  
Response: 2213099  
Conc: 21.71 ug/ml



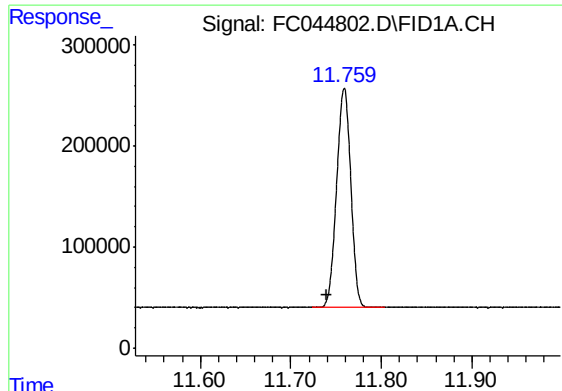
#7 n-Hexadecane (C16)

R.T.: 9.990 min  
Delta R.T.: 0.019 min  
Response: 2223300  
Conc: 21.67 ug/ml



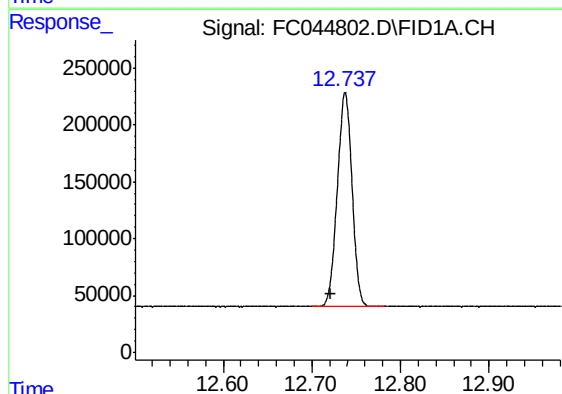
#8 n-Octadecane (C18)

R.T.: 11.431 min  
Delta R.T.: 0.018 min  
Response: 2215401  
Conc: 21.40 ug/ml



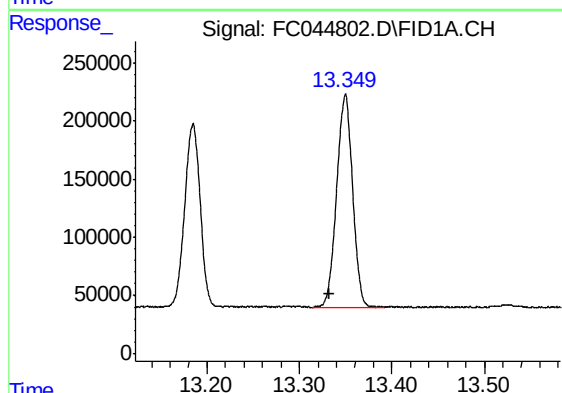
#9 ortho-Terphenyl (SURR)

R.T.: 11.759 min  
Delta R.T.: 0.020 min  
Response: 2370450  
Conc: 20.80 ug/ml



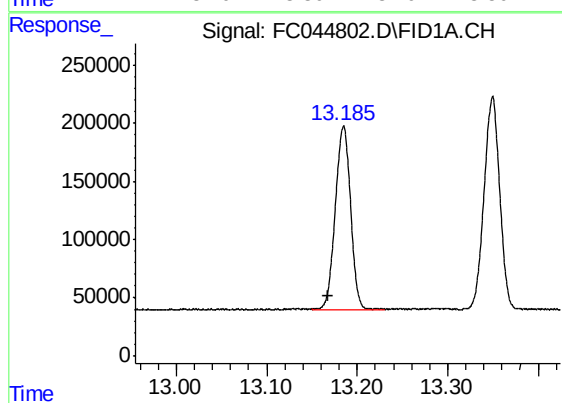
#10 n-Eicosane (C20)

R.T.: 12.738 min  
Delta R.T.: 0.016 min  
Response: 2187512  
Conc: 20.97 ug/ml



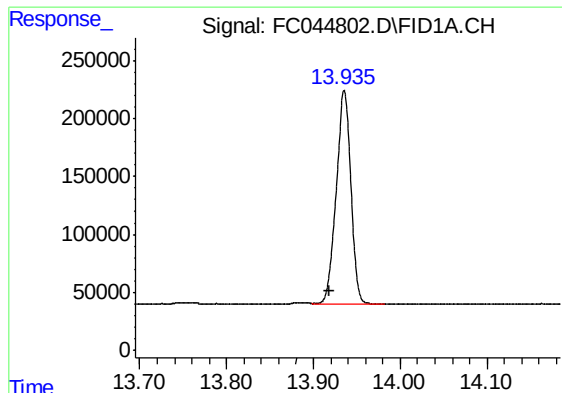
#11 n-Heneicosane (C21)

R.T.: 13.350 min  
Delta R.T.: 0.018 min  
Response: 2182705  
Conc: 20.69 ug/ml



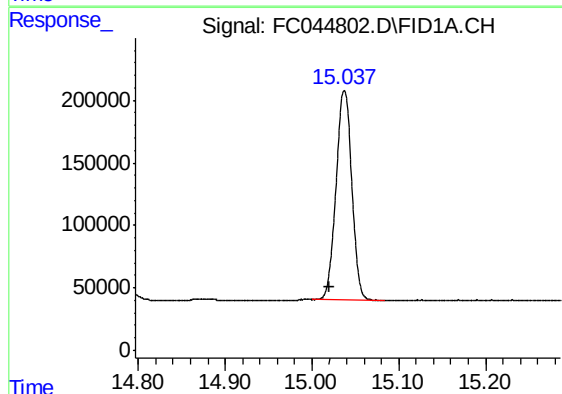
#12 1-chlorooctadecane (SURR)

R.T.: 13.185 min  
Delta R.T.: 0.018 min  
Response: 1833767  
Conc: 20.71 ug/ml



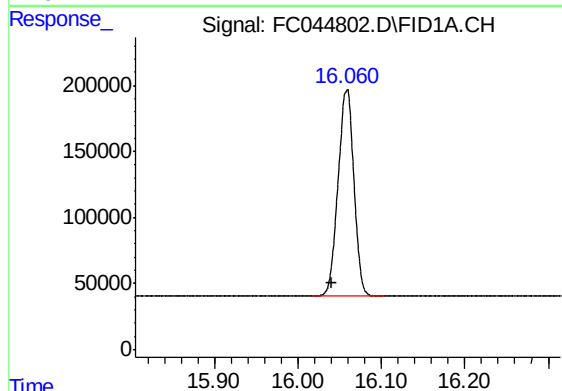
#13 n-Docosane (C22)

R.T.: 13.936 min  
Delta R.T.: 0.017 min  
Response: 2152544  
Conc: 20.40 ug/ml



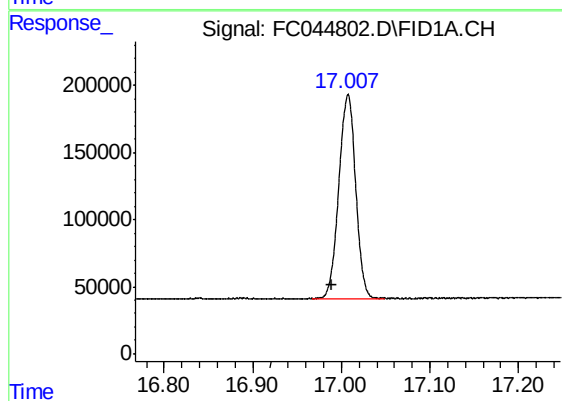
#14 n-Tetracosane (C24)

R.T.: 15.037 min  
Delta R.T.: 0.017 min  
Response: 2112262  
Conc: 19.73 ug/ml



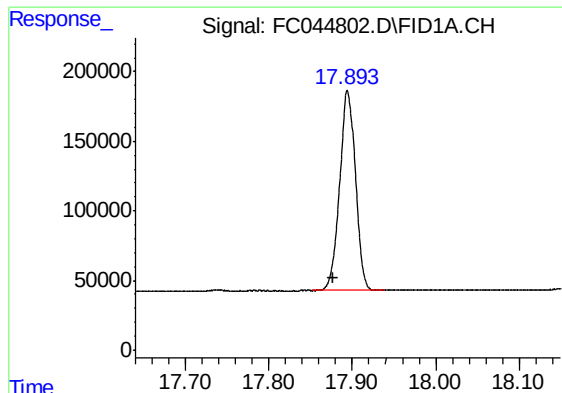
#15 n-Hexacosane (C26)

R.T.: 16.059 min  
Delta R.T.: 0.018 min  
Response: 2056475  
Conc: 19.32 ug/ml



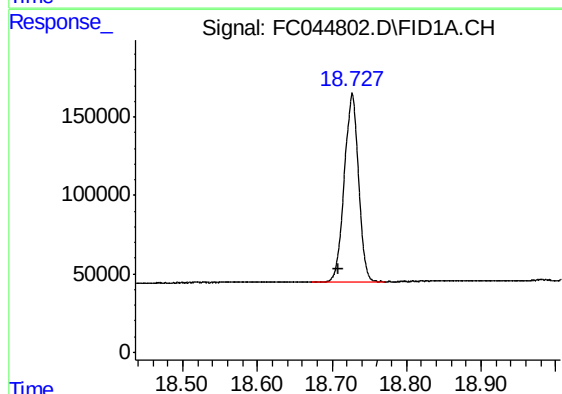
#16 n-Octacosane (C28)

R.T.: 17.008 min  
Delta R.T.: 0.018 min  
Response: 2000080  
Conc: 19.06 ug/ml



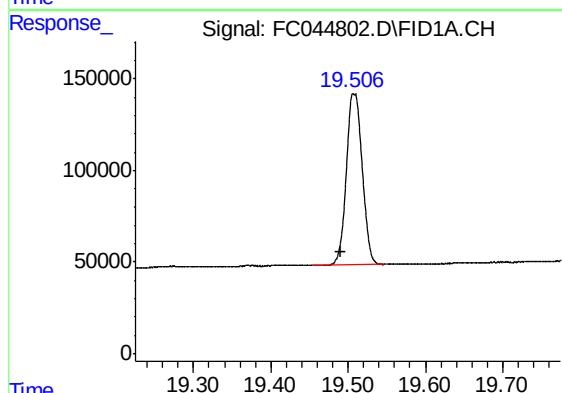
#17 n-Tricontane (C30)

R.T.: 17.894 min  
Delta R.T.: 0.017 min  
Response: 1895684  
Conc: 18.93 ug/ml



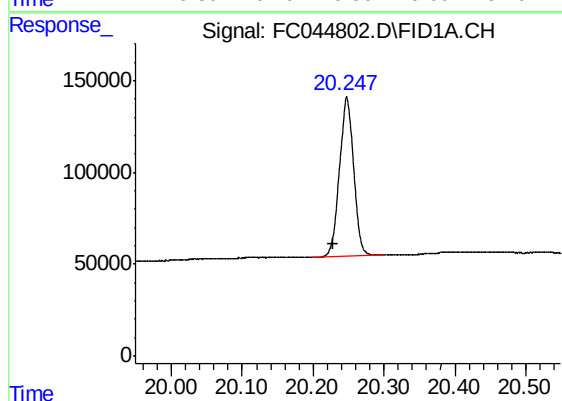
#18 n-Dotriacontane (C32)

R.T.: 18.727 min  
Delta R.T.: 0.019 min  
Response: 1590525  
Conc: 19.10 ug/ml



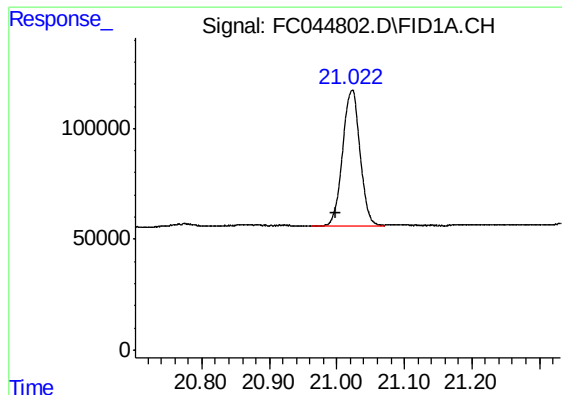
#19 n-Tetatriacontane (C34)

R.T.: 19.508 min  
Delta R.T.: 0.016 min  
Response: 1336157  
Conc: 19.47 ug/ml



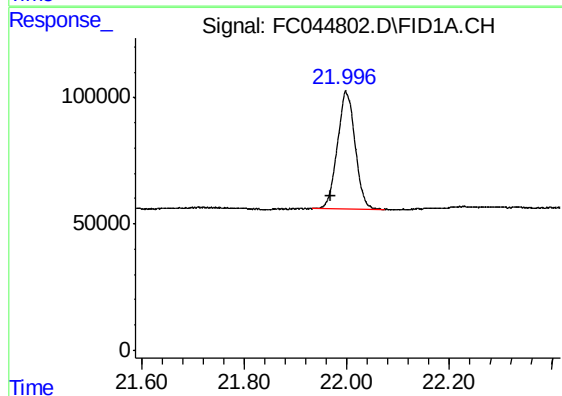
#20 n-Hexatriacontane (C36)

R.T.: 20.248 min  
Delta R.T.: 0.019 min  
Response: 1201944  
Conc: 20.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.023 min  
Delta R.T.: 0.024 min  
Response: 1091277  
Conc: 20.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.997 min  
Delta R.T.: 0.030 min  
Response: 1115121  
Conc: 20.81 ug/ml