

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC011520AL\  
 Data File : FC045333.D  
 Signal(s) : FID1A.CH  
 Acq On : 15 Jan 2020 13:53  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 16 01:06:32 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 122319.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 24 03:02:13 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)    | 11.765 | 2264117    | 19.963 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.93%       |
| 12) S 1-chlorooctadecane (S... | 13.186 | 1752948    | 19.659 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.32%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.515  | 2158055    | 21.432 ug/ml |
| 2) T n-Decane (C10)            | 4.589  | 2198103    | 21.789 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.192  | 2425698    | 21.647 ug/ml |
| 4) T n-Dodecane (C12)          | 6.607  | 2229349    | 21.902 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.248  | 2437759    | 21.628 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.397  | 2231289    | 21.892 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.995  | 2221168    | 21.574 ug/ml |
| 8) T n-Octadecane (C18)        | 11.433 | 2195959    | 21.116 ug/ml |
| 10) T n-Eicosane (C20)         | 12.740 | 2150310    | 20.553 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.351 | 2108984    | 19.941 ug/ml |
| 13) T n-Docosane (C22)         | 13.936 | 2118236    | 20.034 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.036 | 2117029    | 19.815 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.054 | 2166329    | 20.312 ug/ml |
| 16) T n-Octacosane (C28)       | 17.002 | 2162815    | 20.479 ug/ml |
| 17) T n-Tricontane (C30)       | 17.887 | 2028445    | 19.899 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.718 | 1718661    | 19.866 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.498 | 1410407    | 19.253 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.237 | 1267591    | 19.289 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.008 | 1163839    | 19.706 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.977 | 1225915    | 20.729 ug/ml |
| -----                          |        |            |              |

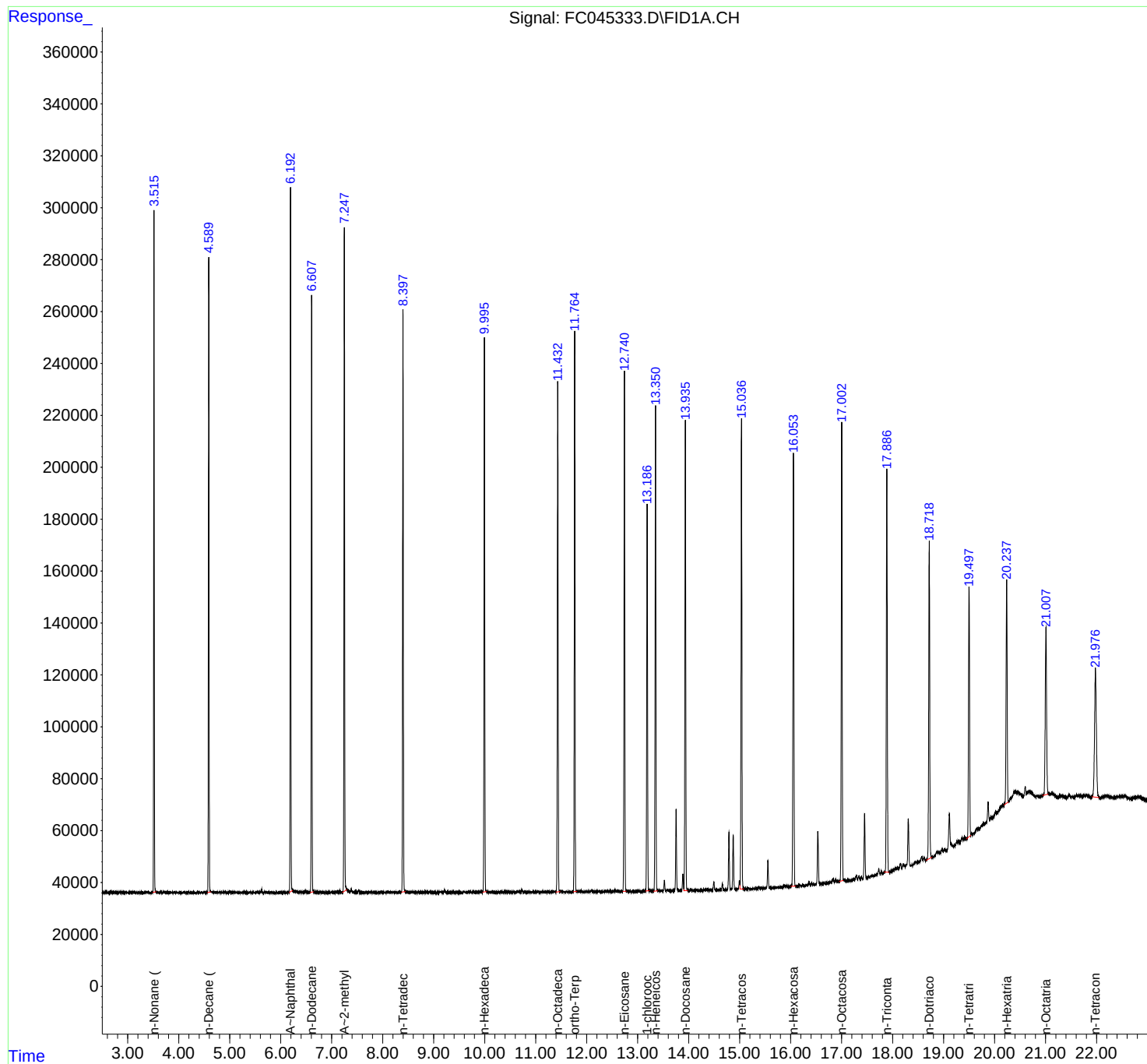
(f)=RT Delta > 1/2 Window

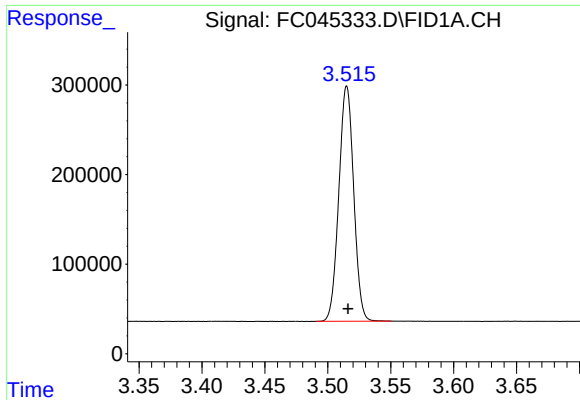
(m)=manual int.

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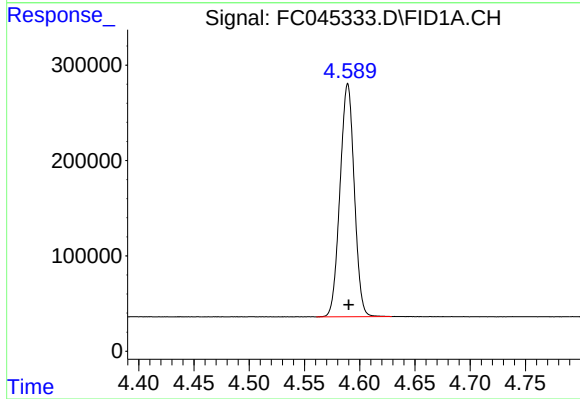
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





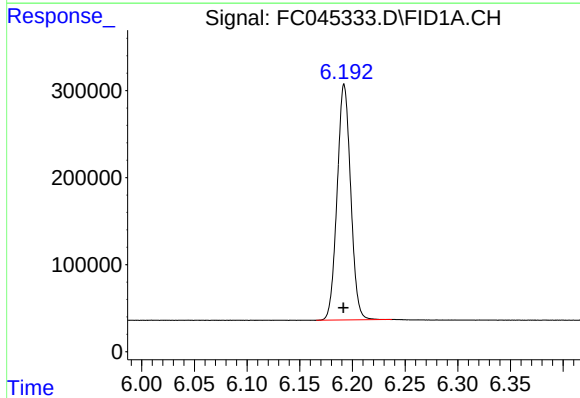
#1 n-Nonane (C9)

R.T.: 3.515 min  
Delta R.T.: 0.000 min  
Response: 2158055  
Conc: 21.43 ug/ml



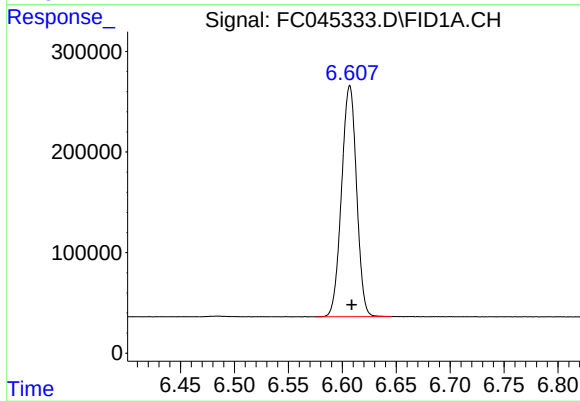
#2 n-Decane (C10)

R.T.: 4.589 min  
Delta R.T.: 0.000 min  
Response: 2198103  
Conc: 21.79 ug/ml



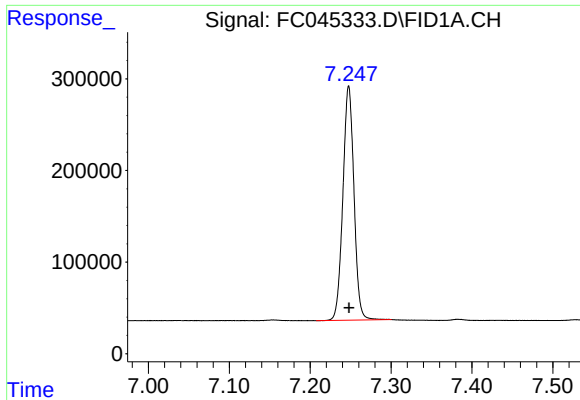
#3 A~Naphthalene (C11.7)

R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 2425698  
Conc: 21.65 ug/ml



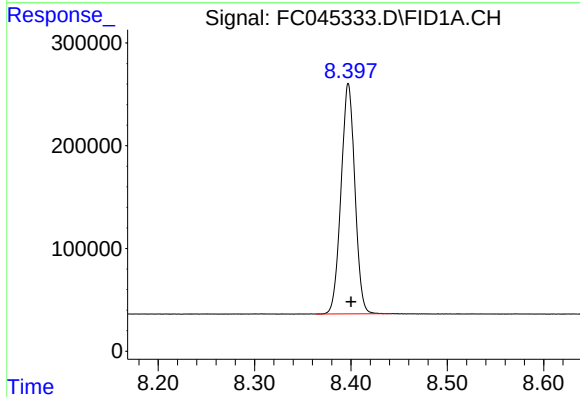
#4 n-Dodecane (C12)

R.T.: 6.607 min  
Delta R.T.: -0.002 min  
Response: 2229349  
Conc: 21.90 ug/ml



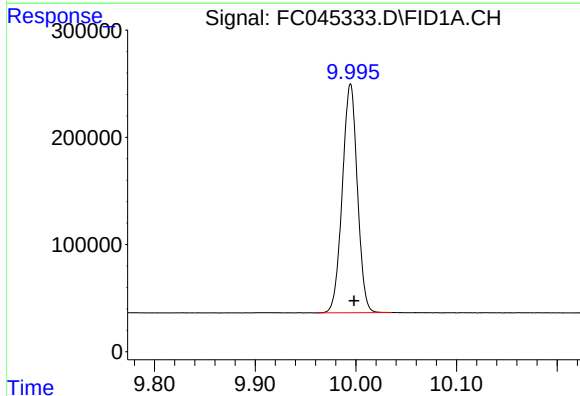
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.248 min  
Delta R.T.: 0.000 min  
Response: 2437759  
Conc: 21.63 ug/ml



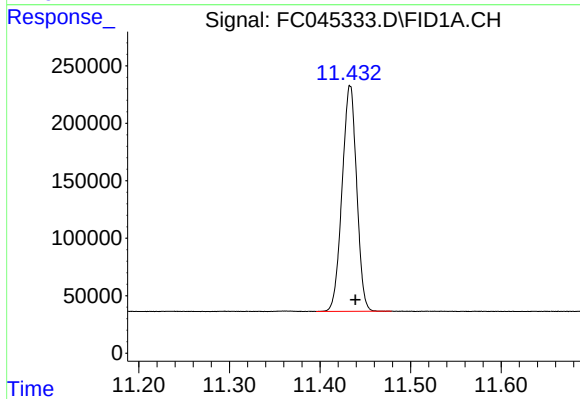
#6 n-Tetradecane (C14)

R.T.: 8.397 min  
Delta R.T.: -0.003 min  
Response: 2231289  
Conc: 21.89 ug/ml



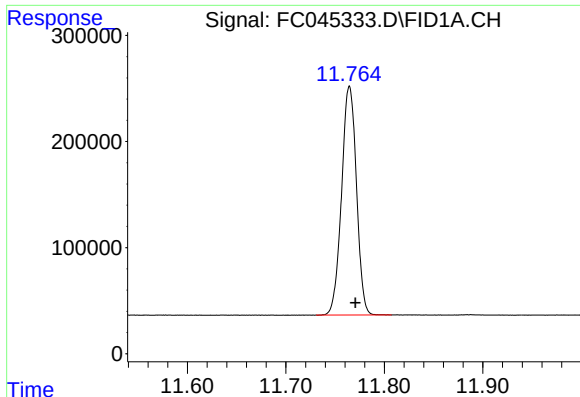
#7 n-Hexadecane (C16)

R.T.: 9.995 min  
Delta R.T.: -0.004 min  
Response: 2221168  
Conc: 21.57 ug/ml



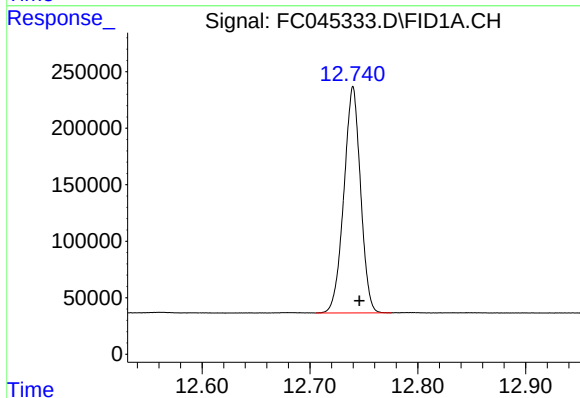
#8 n-Octadecane (C18)

R.T.: 11.433 min  
Delta R.T.: -0.006 min  
Response: 2195959  
Conc: 21.12 ug/ml



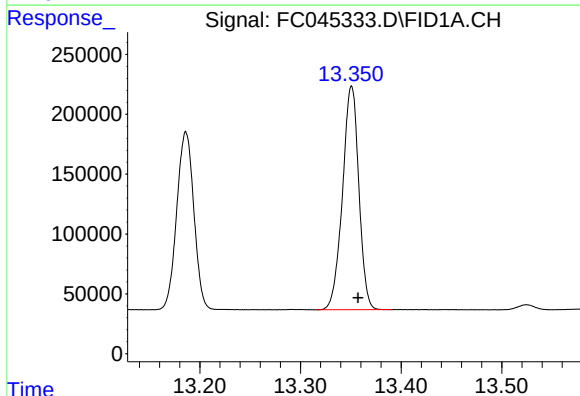
#9 ortho-Terphenyl (SURR)

R.T.: 11.765 min  
Delta R.T.: -0.006 min  
Response: 2264117  
Conc: 19.96 ug/ml



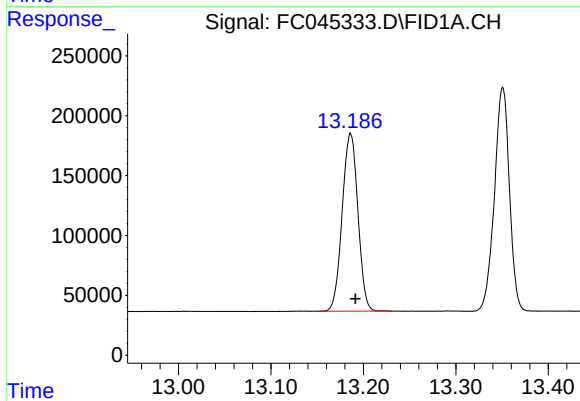
#10 n-Eicosane (C20)

R.T.: 12.740 min  
Delta R.T.: -0.006 min  
Response: 2150310  
Conc: 20.55 ug/ml



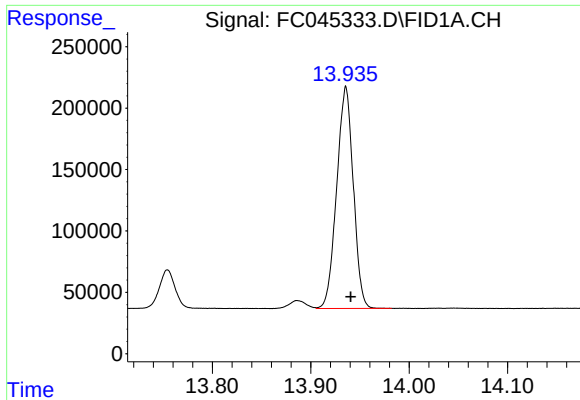
#11 n-Heneicosane (C21)

R.T.: 13.351 min  
Delta R.T.: -0.007 min  
Response: 2108984  
Conc: 19.94 ug/ml



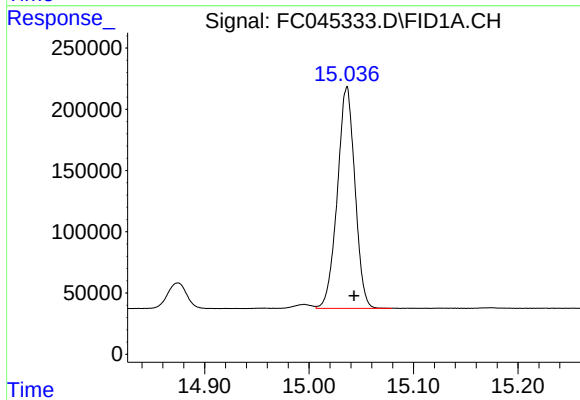
#12 1-chlorooctadecane (SURR)

R.T.: 13.186 min  
Delta R.T.: -0.005 min  
Response: 1752948  
Conc: 19.66 ug/ml



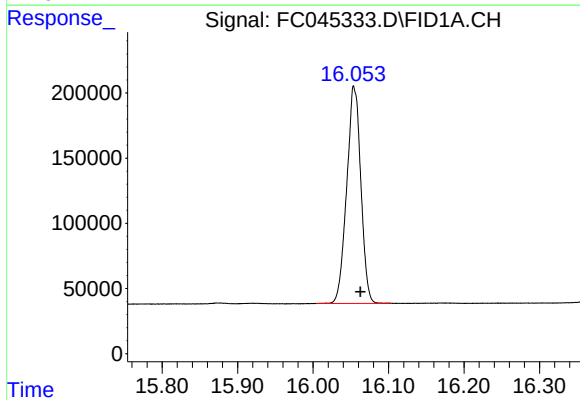
#13 n-Docosane (C22)

R.T.: 13.936 min  
Delta R.T.: -0.005 min  
Response: 2118236  
Conc: 20.03 ug/ml



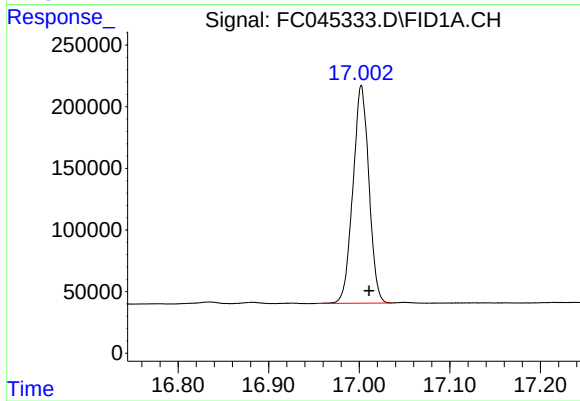
#14 n-Tetracosane (C24)

R.T.: 15.036 min  
Delta R.T.: -0.007 min  
Response: 2117029  
Conc: 19.81 ug/ml



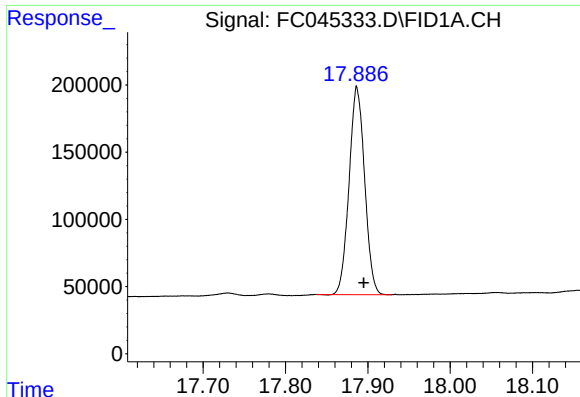
#15 n-Hexacosane (C26)

R.T.: 16.054 min  
Delta R.T.: -0.008 min  
Response: 2166329  
Conc: 20.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.002 min  
Delta R.T.: -0.008 min  
Response: 2162815  
Conc: 20.48 ug/ml



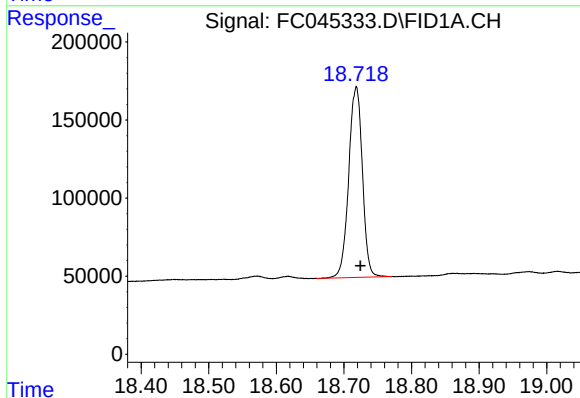
#17 n-Tricontane (C30)

R.T.: 17.887 min

Delta R.T.: -0.008 min

Response: 2028445

Conc: 19.90 ug/ml



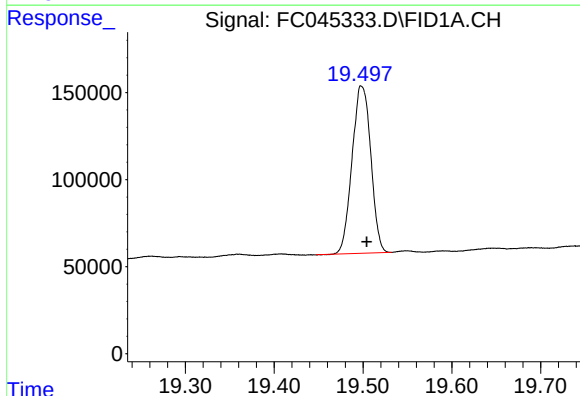
#18 n-Dotriacontane (C32)

R.T.: 18.718 min

Delta R.T.: -0.006 min

Response: 1718661

Conc: 19.87 ug/ml



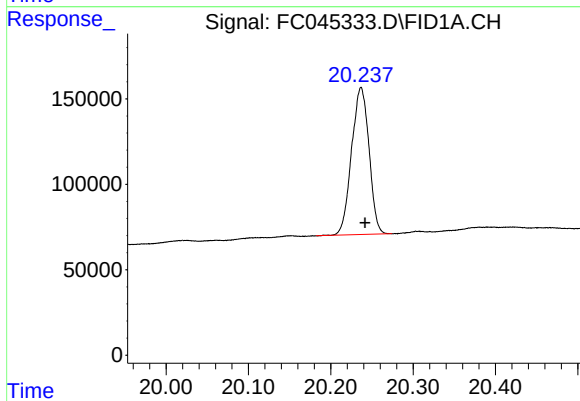
#19 n-Tetratriacontane (C34)

R.T.: 19.498 min

Delta R.T.: -0.006 min

Response: 1410407

Conc: 19.25 ug/ml



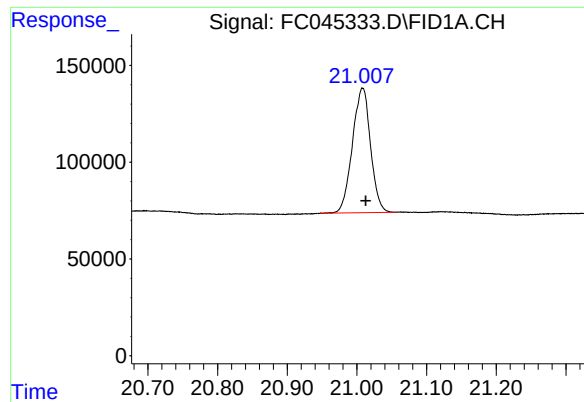
#20 n-Hexatriacontane (C36)

R.T.: 20.237 min

Delta R.T.: -0.005 min

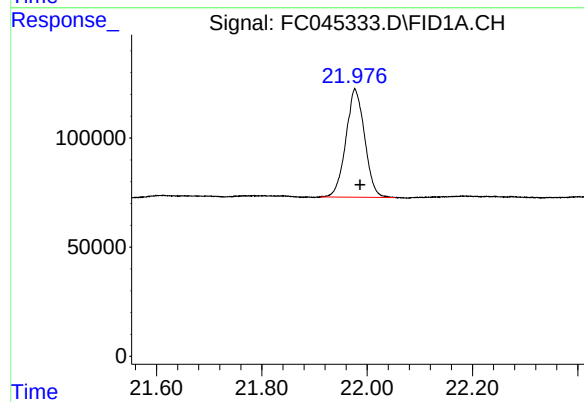
Response: 1267591

Conc: 19.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.008 min  
Delta R.T.: -0.005 min  
Response: 1163839  
Conc: 19.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.977 min  
Delta R.T.: -0.010 min  
Response: 1225915  
Conc: 20.73 ug/ml