

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110420AL\  
 Data File : FC050561.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Nov 2020 16:36  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 05 00:13:42 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 110220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 03 02:36:40 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)    | 11.615 | 2480692    | 20.196 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.39%       |
| 12) S 1-chlorooctadecane (S... | 13.048 | 1956293    | 20.262 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.52%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.366  | 2141781    | 20.129 ug/ml |
| 2) T n-Decane (C10)            | 4.436  | 2152573    | 20.240 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.028  | 2341992    | 20.337 ug/ml |
| 4) T n-Dodecane (C12)          | 6.456  | 2201014    | 20.300 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.085  | 2368883    | 20.648 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.252  | 2191334    | 20.316 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.852  | 2167591    | 20.362 ug/ml |
| 8) T n-Octadecane (C18)        | 11.294 | 2283843    | 20.303 ug/ml |
| 10) T n-Eicosane (C20)         | 12.603 | 2314314    | 20.277 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.215 | 2308616    | 20.237 ug/ml |
| 13) T n-Docosane (C22)         | 13.801 | 2302320    | 20.174 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.903 | 2287144    | 20.027 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.923 | 2225591    | 19.629 ug/ml |
| 16) T n-Octacosane (C28)       | 16.870 | 2166378    | 19.092 ug/ml |
| 17) T n-Tricontane (C30)       | 17.756 | 2060405    | 18.532 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.587 | 1861975    | 18.048 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.368 | 1703339    | 17.702 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.106 | 1610805    | 17.929 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.848 | 1478822    | 17.786 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.774 | 1617024    | 19.324 ug/ml |
| -----                          |        |            |              |

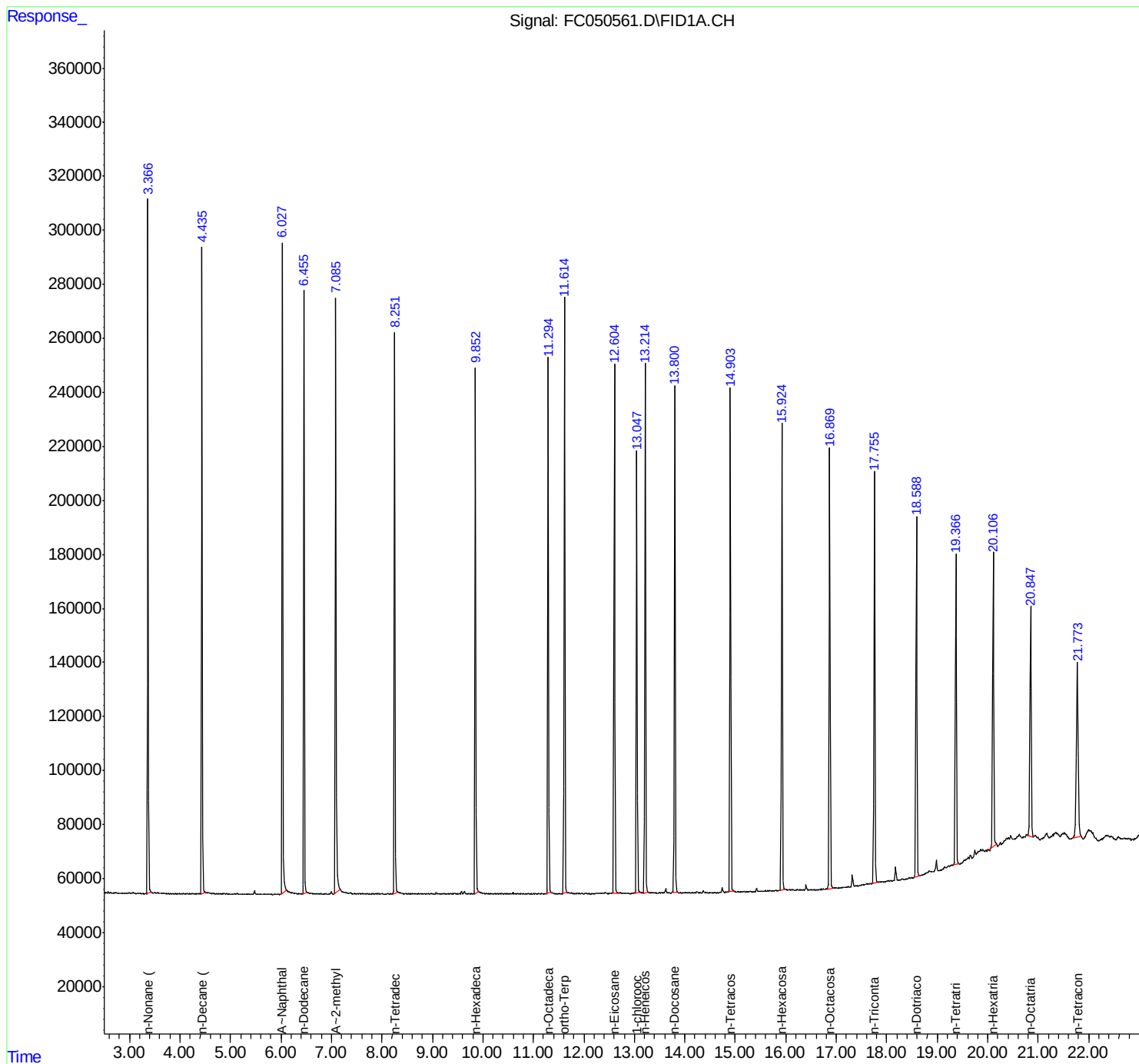
(f)=RT Delta > 1/2 Window

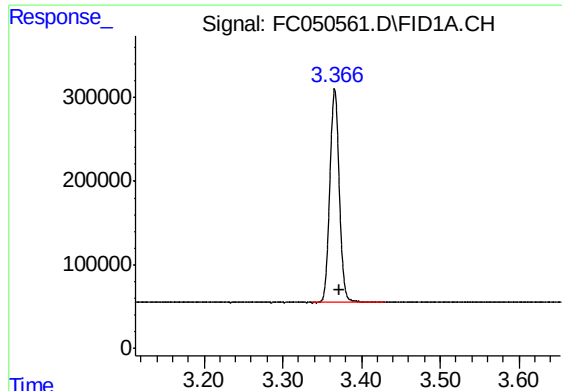
(m)=manual int.

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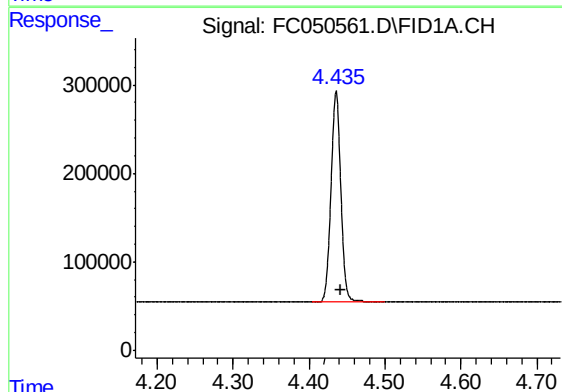
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





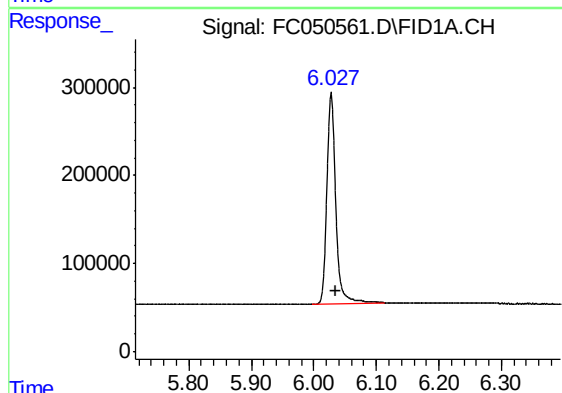
#1 n-Nonane (C9)

R.T.: 3.366 min  
Delta R.T.: -0.006 min  
Response: 2141781  
Conc: 20.13 ug/ml



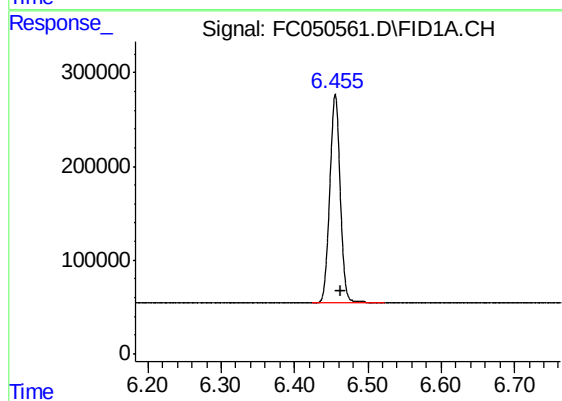
#2 n-Decane (C10)

R.T.: 4.436 min  
Delta R.T.: -0.007 min  
Response: 2152573  
Conc: 20.24 ug/ml



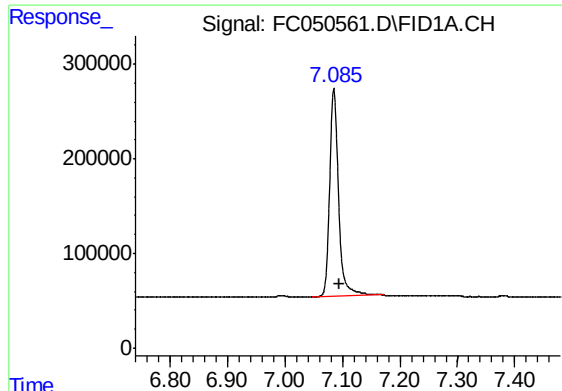
#3 A~Naphthalene (C11.7)

R.T.: 6.028 min  
Delta R.T.: -0.007 min  
Response: 2341992  
Conc: 20.34 ug/ml



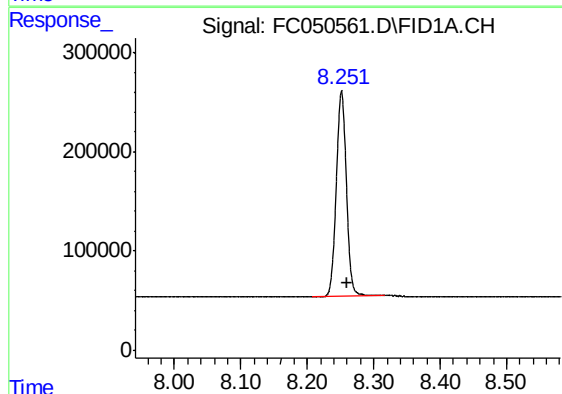
#4 n-Dodecane (C12)

R.T.: 6.456 min  
Delta R.T.: -0.008 min  
Response: 2201014  
Conc: 20.30 ug/ml



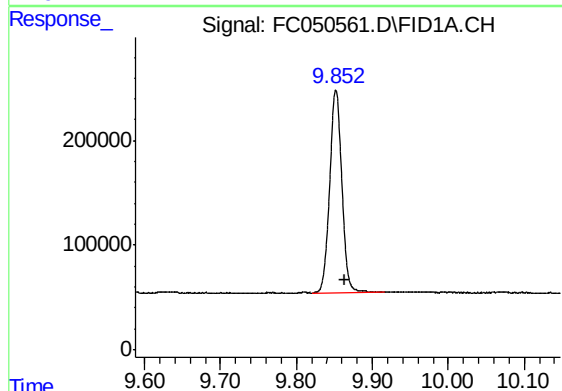
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.085 min  
Delta R.T.: -0.010 min  
Response: 2368883  
Conc: 20.65 ug/ml



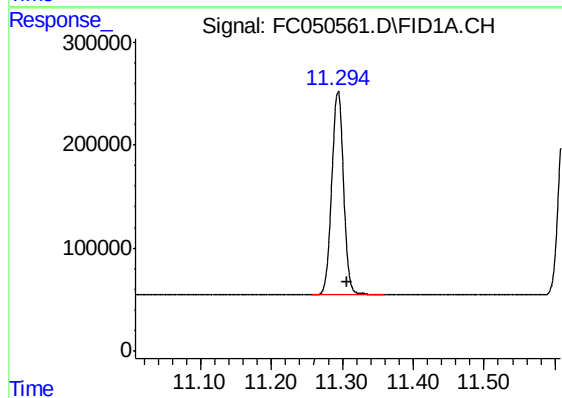
#6 n-Tetradecane (C14)

R.T.: 8.252 min  
Delta R.T.: -0.009 min  
Response: 2191334  
Conc: 20.32 ug/ml



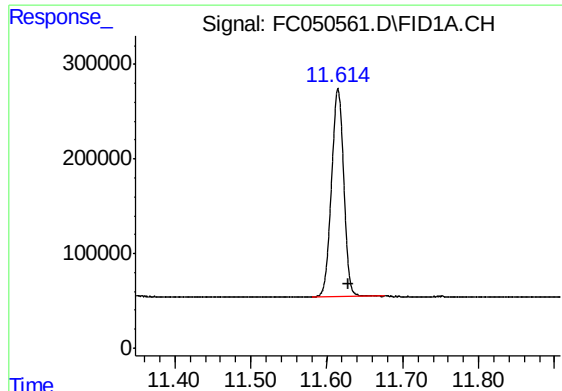
#7 n-Hexadecane (C16)

R.T.: 9.852 min  
Delta R.T.: -0.011 min  
Response: 2167591  
Conc: 20.36 ug/ml



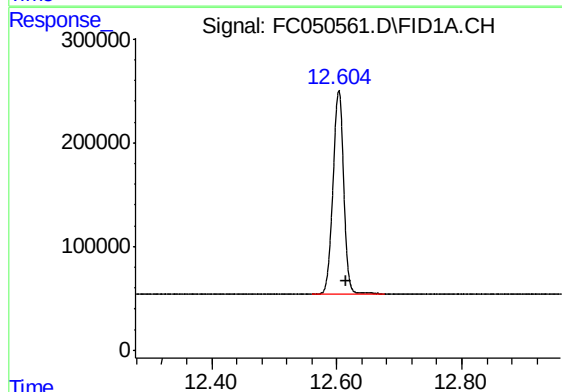
#8 n-Octadecane (C18)

R.T.: 11.294 min  
Delta R.T.: -0.014 min  
Response: 2283843  
Conc: 20.30 ug/ml



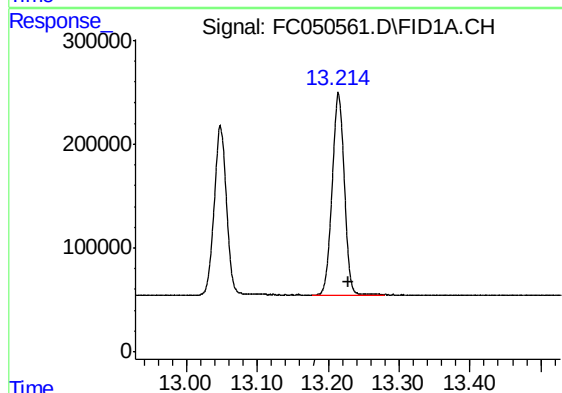
#9 ortho-Terphenyl (SURR)

R.T.: 11.615 min  
Delta R.T.: -0.014 min  
Response: 2480692  
Conc: 20.20 ug/ml



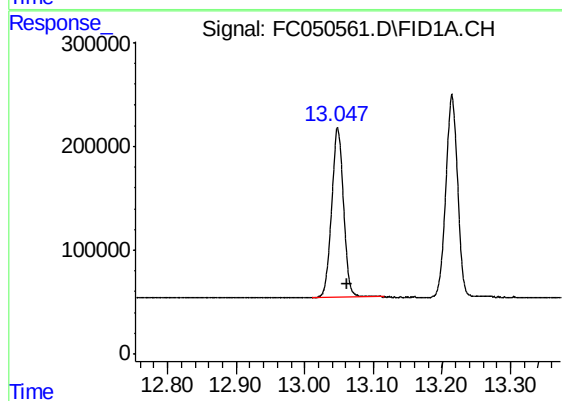
#10 n-Eicosane (C20)

R.T.: 12.603 min  
Delta R.T.: -0.012 min  
Response: 2314314  
Conc: 20.28 ug/ml



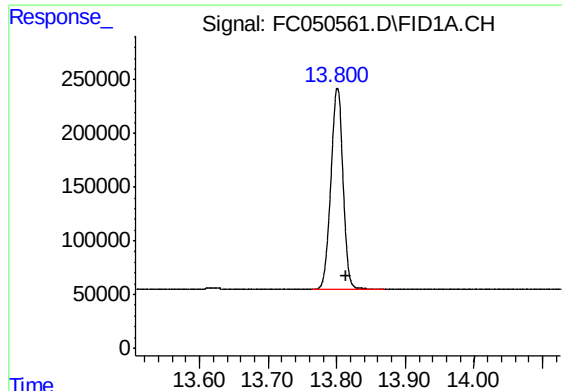
#11 n-Heneicosane (C21)

R.T.: 13.215 min  
Delta R.T.: -0.014 min  
Response: 2308616  
Conc: 20.24 ug/ml



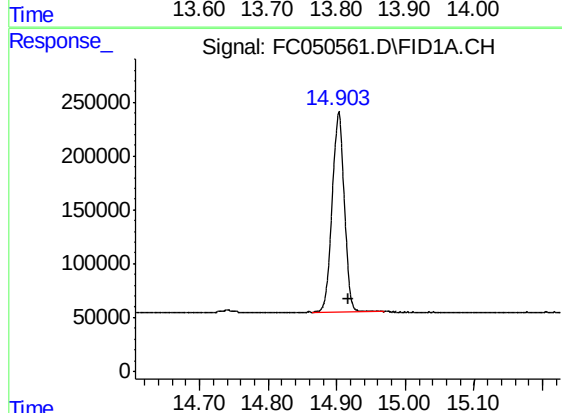
#12 1-chlorooctadecane (SURR)

R.T.: 13.048 min  
Delta R.T.: -0.013 min  
Response: 1956293  
Conc: 20.26 ug/ml



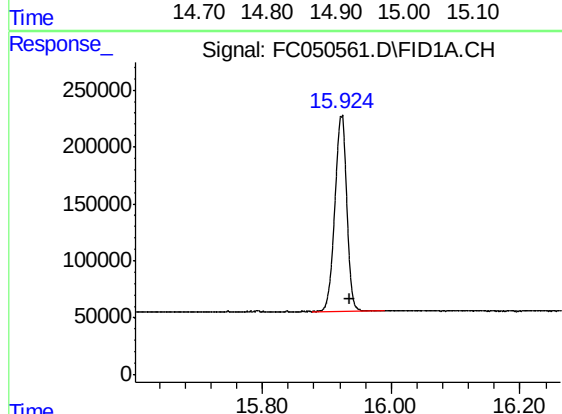
#13 n-Docosane (C22)

R.T.: 13.801 min  
Delta R.T.: -0.013 min  
Response: 2302320  
Conc: 20.17 ug/ml



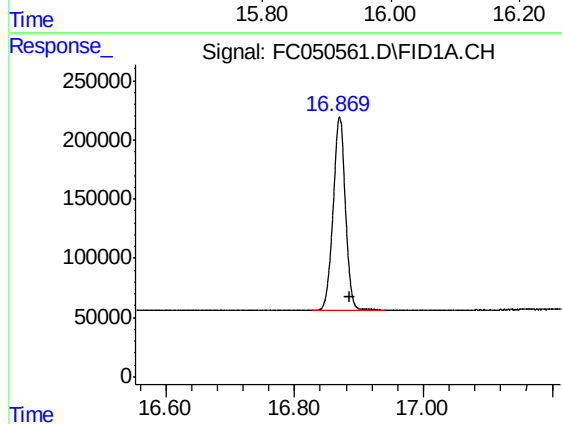
#14 n-Tetracosane (C24)

R.T.: 14.903 min  
Delta R.T.: -0.014 min  
Response: 2287144  
Conc: 20.03 ug/ml



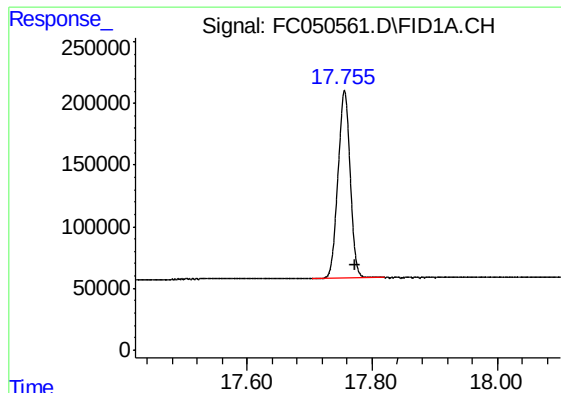
#15 n-Hexacosane (C26)

R.T.: 15.923 min  
Delta R.T.: -0.014 min  
Response: 2225591  
Conc: 19.63 ug/ml



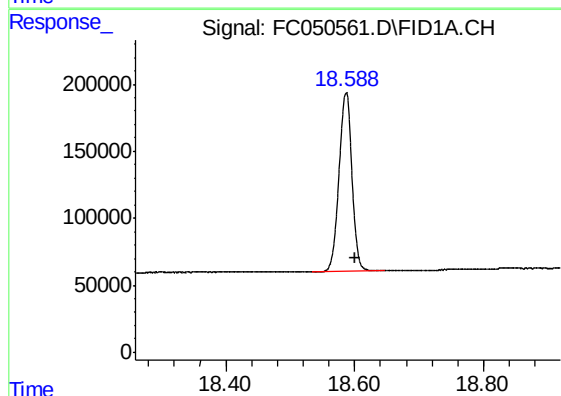
#16 n-Octacosane (C28)

R.T.: 16.870 min  
Delta R.T.: -0.015 min  
Response: 2166378  
Conc: 19.09 ug/ml



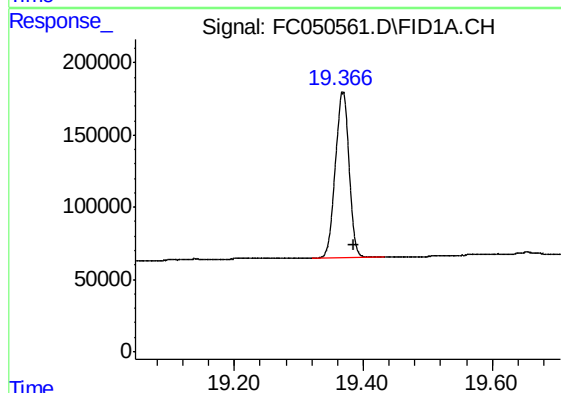
#17 n-Tricontane (C30)

R.T.: 17.756 min  
Delta R.T.: -0.016 min  
Response: 2060405  
Conc: 18.53 ug/ml



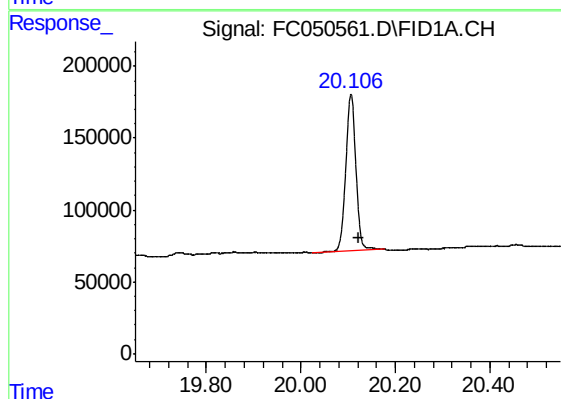
#18 n-Dotriacontane (C32)

R.T.: 18.587 min  
Delta R.T.: -0.014 min  
Response: 1861975  
Conc: 18.05 ug/ml



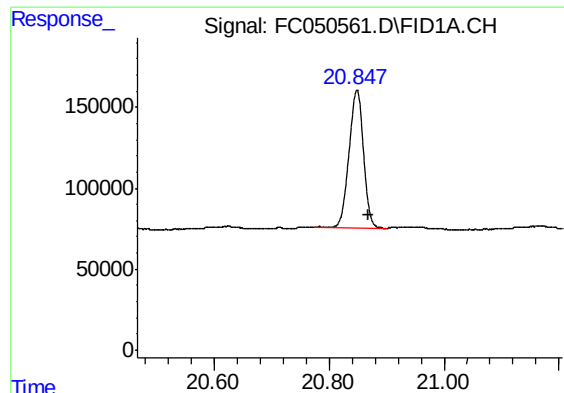
#19 n-Tetatriacontane (C34)

R.T.: 19.368 min  
Delta R.T.: -0.016 min  
Response: 1703339  
Conc: 17.70 ug/ml



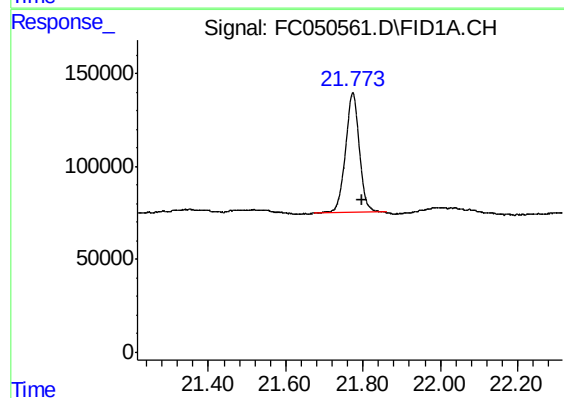
#20 n-Hexatriacontane (C36)

R.T.: 20.106 min  
Delta R.T.: -0.016 min  
Response: 1610805  
Conc: 17.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.848 min  
Delta R.T.: -0.019 min  
Response: 1478822  
Conc: 17.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.774 min  
Delta R.T.: -0.025 min  
Response: 1617024  
Conc: 19.32 ug/ml