

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC070819AL\  
 Data File : FC042253.D  
 Signal(s) : FID1A.CH  
 Acq On : 08 Jul 2019 13:27  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Jul 09 01:04:39 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 061219.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 13 07:03:58 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)    | 11.697 | 2604094    | 19.574 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.15%       |
| 12) S 1-chlorooctadecane (S... | 13.121 | 2080629    | 18.935 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.87%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.493  | 2608877    | 22.449 ug/ml |
| 2) T n-Decane (C10)            | 4.558  | 2642334    | 22.454 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.146  | 2875796    | 21.637 ug/ml |
| 4) T n-Dodecane (C12)          | 6.564  | 2650913    | 22.322 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.196  | 2840330    | 21.333 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.348  | 2648479    | 21.916 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.938  | 2608032    | 21.281 ug/ml |
| 8) T n-Octadecane (C18)        | 11.372 | 2538773    | 20.489 ug/ml |
| 10) T n-Eicosane (C20)         | 12.676 | 2466182    | 19.491 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.286 | 2406855    | 19.064 ug/ml |
| 13) T n-Docosane (C22)         | 13.870 | 2357272    | 18.656 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.969 | 2275817    | 17.886 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.987 | 2204994    | 17.760 ug/ml |
| 16) T n-Octacosane (C28)       | 16.933 | 2180153    | 17.892 ug/ml |
| 17) T n-Tricontane (C30)       | 17.819 | 2127350    | 18.250 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.649 | 1968331    | 18.230 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.429 | 1696080    | 19.710 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.165 | 1505246    | 19.420 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.915 | 1463983    | 22.139 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.854 | 1509761    | 22.347 ug/ml |
| -----                          |        |            |              |

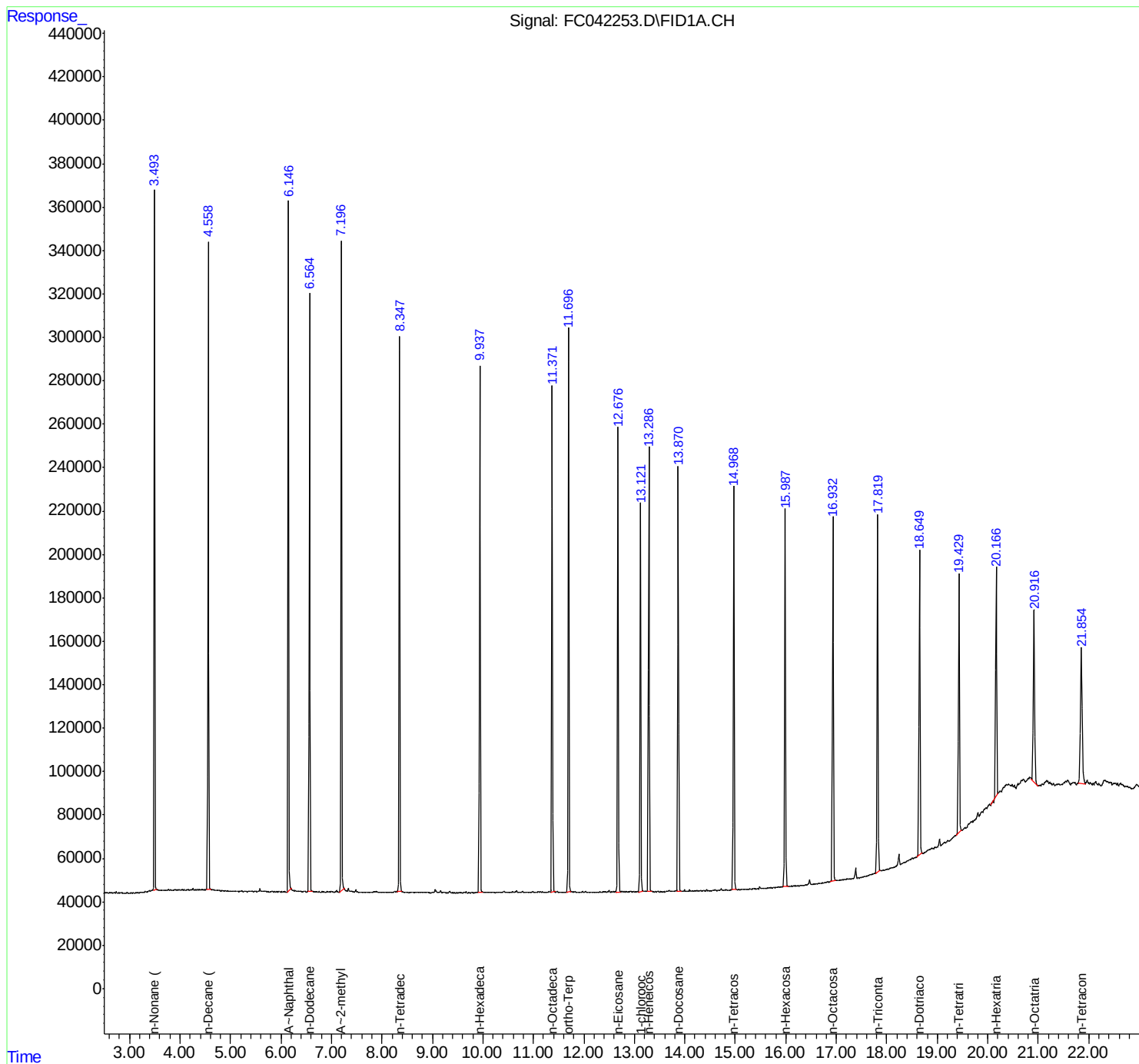
(f)=RT Delta > 1/2 Window

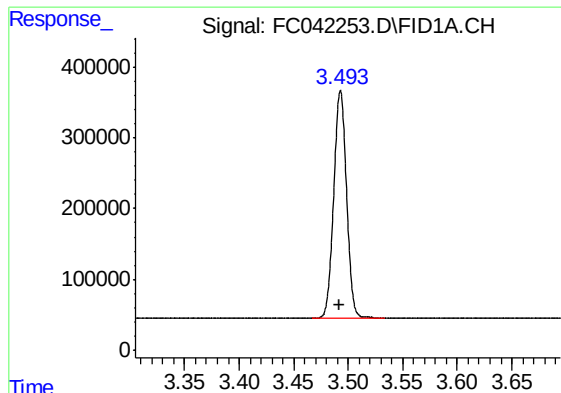
(m)=manual int.

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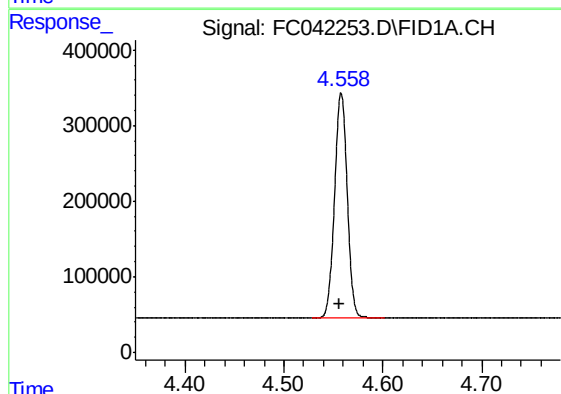
Volume Inj. : 1 ul  
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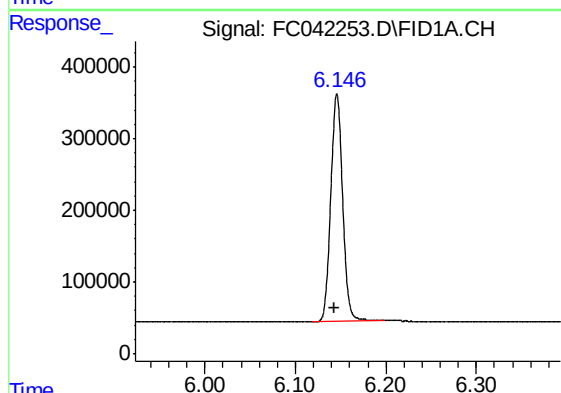
#1 n-Nonane (C9)

R.T.: 3.493 min  
Delta R.T.: 0.000 min  
Response: 2608877  
Conc: 22.45 ug/ml



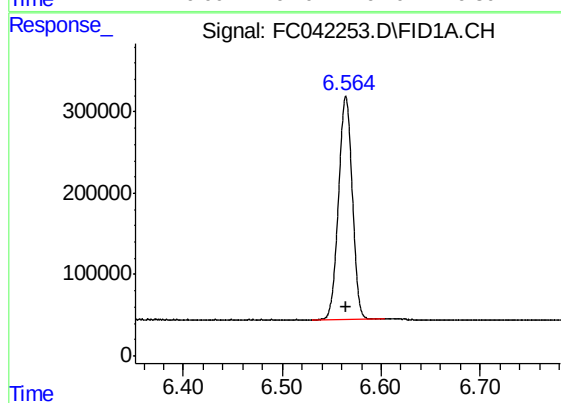
#2 n-Decane (C10)

R.T.: 4.558 min  
Delta R.T.: 0.001 min  
Response: 2642334  
Conc: 22.45 ug/ml



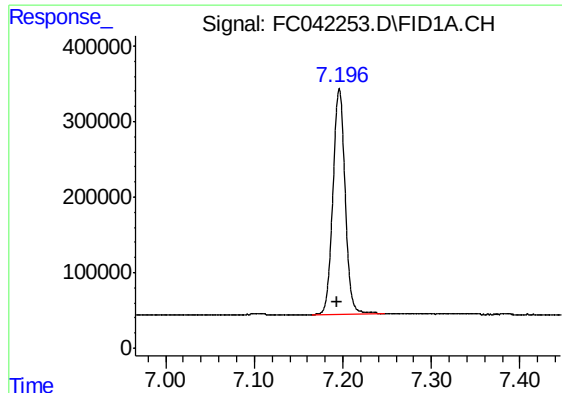
#3 A~Naphthalene (C11.7)

R.T.: 6.146 min  
Delta R.T.: 0.002 min  
Response: 2875796  
Conc: 21.64 ug/ml



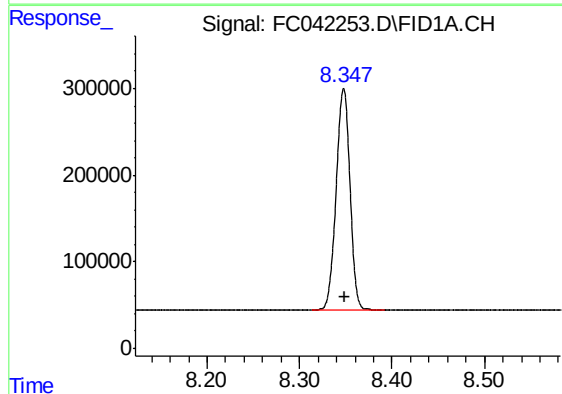
#4 n-Dodecane (C12)

R.T.: 6.564 min  
Delta R.T.: 0.000 min  
Response: 2650913  
Conc: 22.32 ug/ml



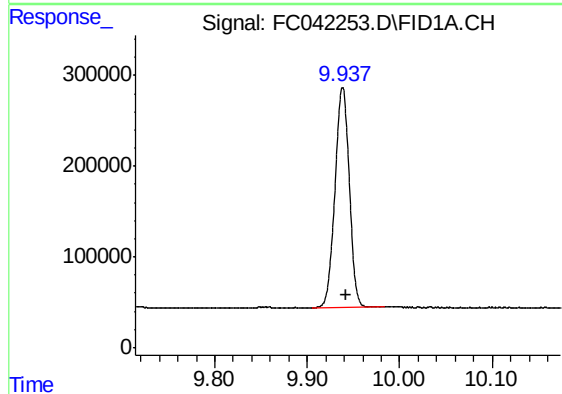
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.196 min  
Delta R.T.: 0.002 min  
Response: 2840330  
Conc: 21.33 ug/ml



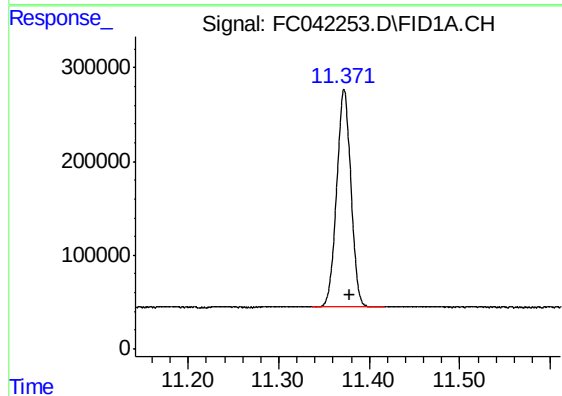
#6 n-Tetradecane (C14)

R.T.: 8.348 min  
Delta R.T.: -0.001 min  
Response: 2648479  
Conc: 21.92 ug/ml



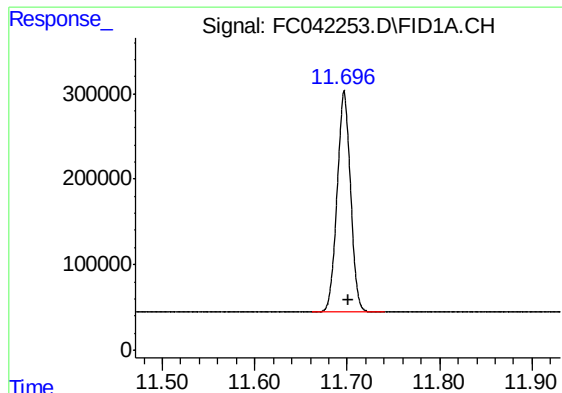
#7 n-Hexadecane (C16)

R.T.: 9.938 min  
Delta R.T.: -0.004 min  
Response: 2608032  
Conc: 21.28 ug/ml



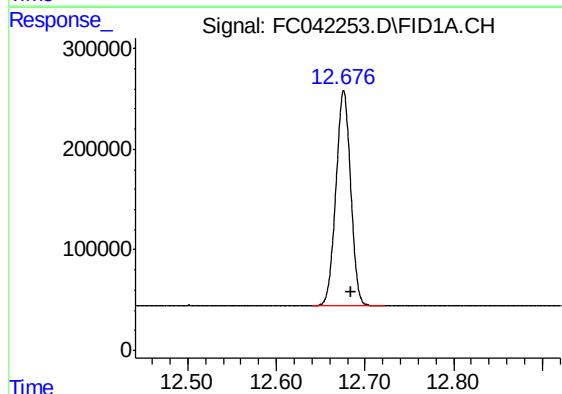
#8 n-Octadecane (C18)

R.T.: 11.372 min  
Delta R.T.: -0.006 min  
Response: 2538773  
Conc: 20.49 ug/ml



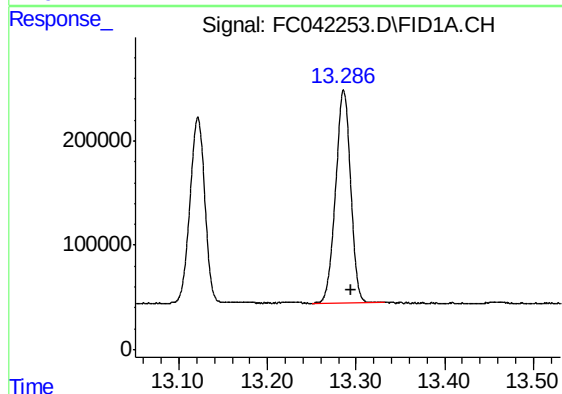
#9 ortho-Terphenyl (SURR)

R.T.: 11.697 min  
Delta R.T.: -0.005 min  
Response: 2604094  
Conc: 19.57 ug/ml



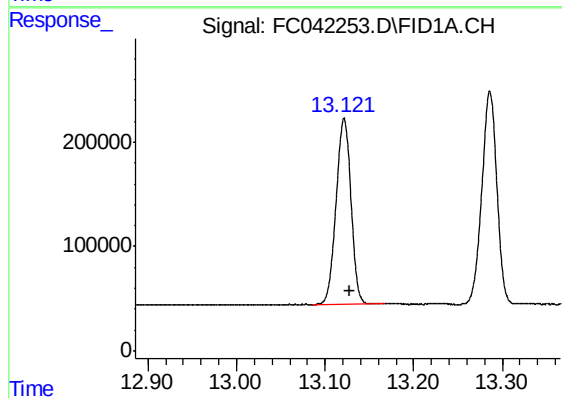
#10 n-Eicosane (C20)

R.T.: 12.676 min  
Delta R.T.: -0.008 min  
Response: 2466182  
Conc: 19.49 ug/ml



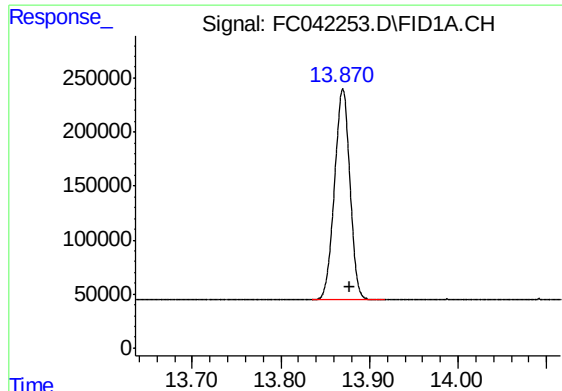
#11 n-Heneicosane (C21)

R.T.: 13.286 min  
Delta R.T.: -0.008 min  
Response: 2406855  
Conc: 19.06 ug/ml



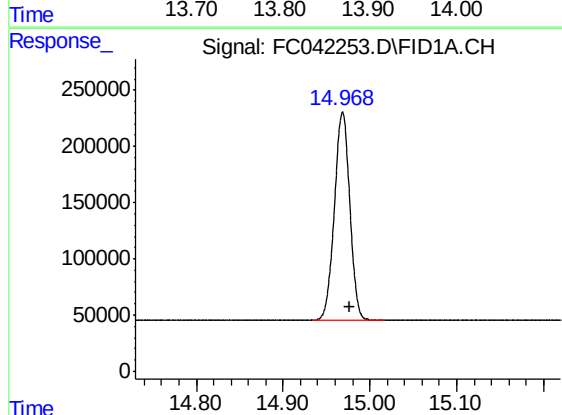
#12 1-chlorooctadecane (SURR)

R.T.: 13.121 min  
Delta R.T.: -0.007 min  
Response: 2080629  
Conc: 18.94 ug/ml



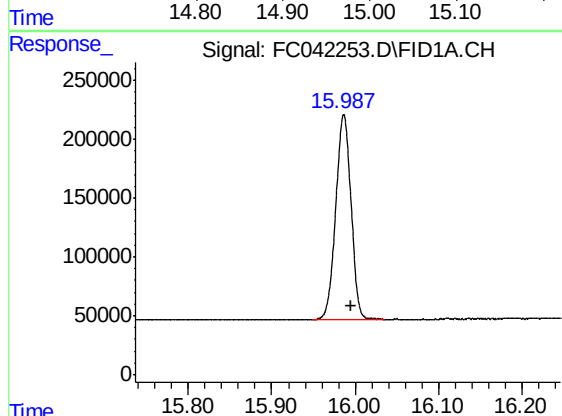
#13 n-Docosane (C22)

R.T.: 13.870 min  
Delta R.T.: -0.008 min  
Response: 2357272  
Conc: 18.66 ug/ml



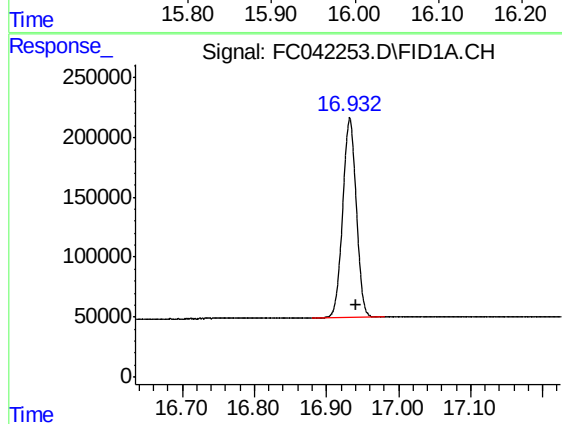
#14 n-Tetracosane (C24)

R.T.: 14.969 min  
Delta R.T.: -0.008 min  
Response: 2275817  
Conc: 17.89 ug/ml



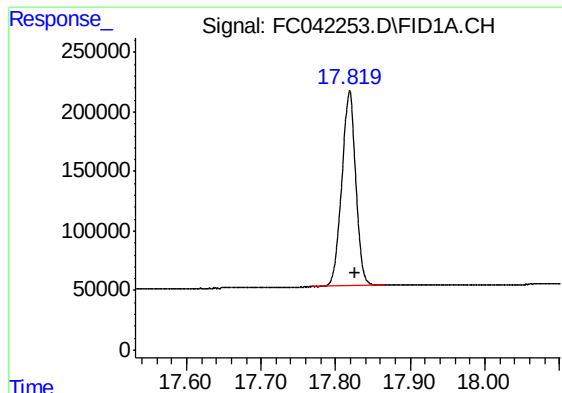
#15 n-Hexacosane (C26)

R.T.: 15.987 min  
Delta R.T.: -0.008 min  
Response: 2204994  
Conc: 17.76 ug/ml



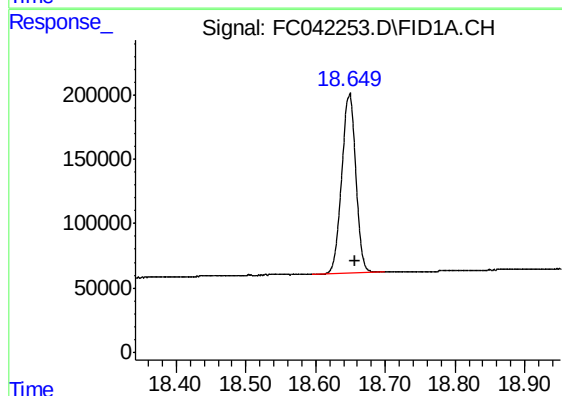
#16 n-Octacosane (C28)

R.T.: 16.933 min  
Delta R.T.: -0.009 min  
Response: 2180153  
Conc: 17.89 ug/ml



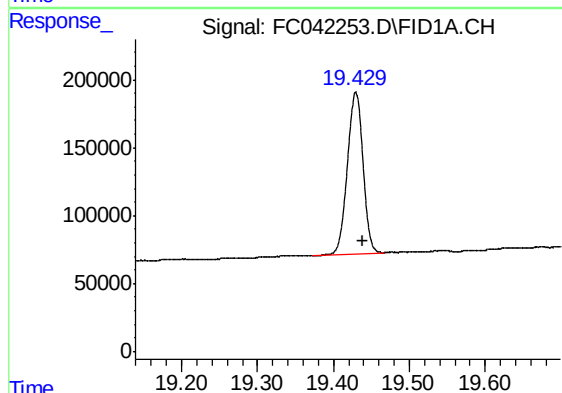
#17 n-Tricontane (C30)

R.T.: 17.819 min  
Delta R.T.: -0.007 min  
Response: 2127350  
Conc: 18.25 ug/ml



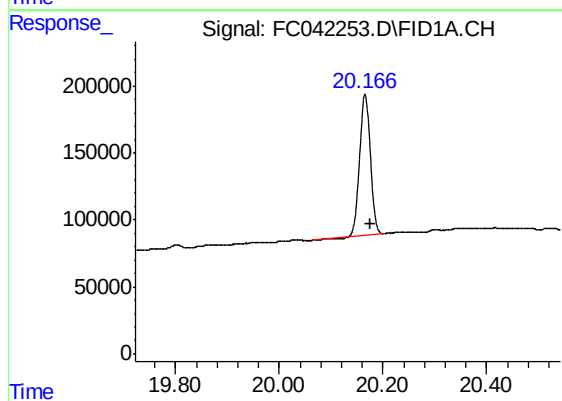
#18 n-Dotriacontane (C32)

R.T.: 18.649 min  
Delta R.T.: -0.008 min  
Response: 1968331  
Conc: 18.23 ug/ml



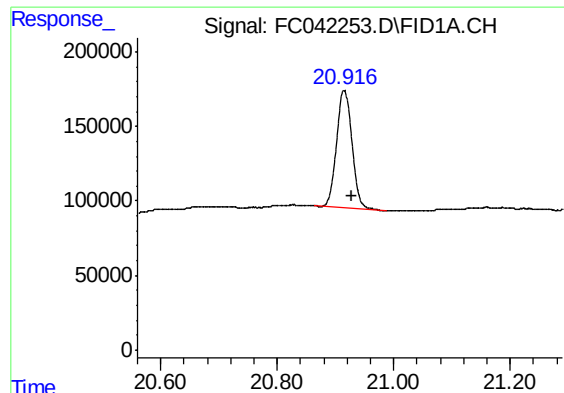
#19 n-Tetatriacontane (C34)

R.T.: 19.429 min  
Delta R.T.: -0.008 min  
Response: 1696080  
Conc: 19.71 ug/ml



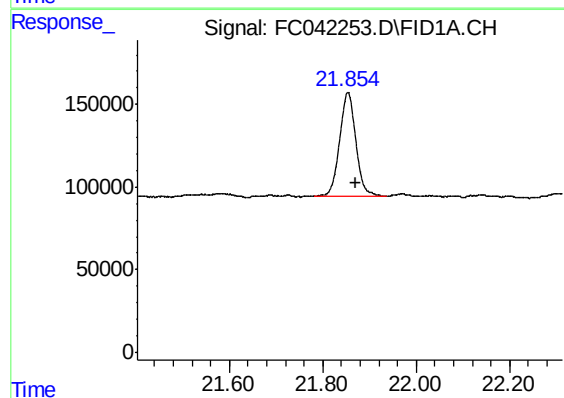
#20 n-Hexatriacontane (C36)

R.T.: 20.165 min  
Delta R.T.: -0.011 min  
Response: 1505246  
Conc: 19.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.915 min  
Delta R.T.: -0.013 min  
Response: 1463983  
Conc: 22.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.854 min  
Delta R.T.: -0.016 min  
Response: 1509761  
Conc: 22.35 ug/ml