

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062818AL\  
 Data File : FC035070.D  
 Signal(s) : FID1A.CH  
 Acq On : 29 Jun 2018 7:45  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 29 08:25:15 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 062518.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 25 14:27:40 2018  
 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)    | 11.455 | 2259666    | 21.947 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.89%       |
| 12) S 1-chlorooctadecane (S... | 12.896 | 1711329    | 21.380 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.76%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.241  | 1585697    | 18.910 ug/ml |
| 2) T n-Decane (C10)            | 4.311  | 1668562    | 19.908 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.889  | 2133814    | 22.487 ug/ml |
| 4) T n-Dodecane (C12)          | 6.328  | 1837933    | 21.294 ug/ml |
| 5) T A-2-methylnaphthalene...  | 6.942  | 2218806    | 23.042 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.116  | 1959518    | 21.974 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.711  | 2004585    | 21.850 ug/ml |
| 8) T n-Octadecane (C18)        | 11.148 | 1995392    | 21.143 ug/ml |
| 10) T n-Eicosane (C20)         | 12.454 | 2028301    | 21.034 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.064 | 2014816    | 21.209 ug/ml |
| 13) T n-Docosane (C22)         | 13.649 | 2030198    | 21.272 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.749 | 2043061    | 21.404 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.769 | 2035581    | 21.532 ug/ml |
| 16) T n-Octacosane (C28)       | 16.717 | 2082237    | 22.147 ug/ml |
| 17) T n-Tricontane (C30)       | 17.603 | 2085008    | 22.692 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.435 | 2089767    | 23.535 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.216 | 1979171    | 21.874 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.953 | 1938305    | 21.618 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.673 | 1920966    | 20.829 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.542 | 2121678    | 22.575 ug/ml |
| -----                          |        |            |              |

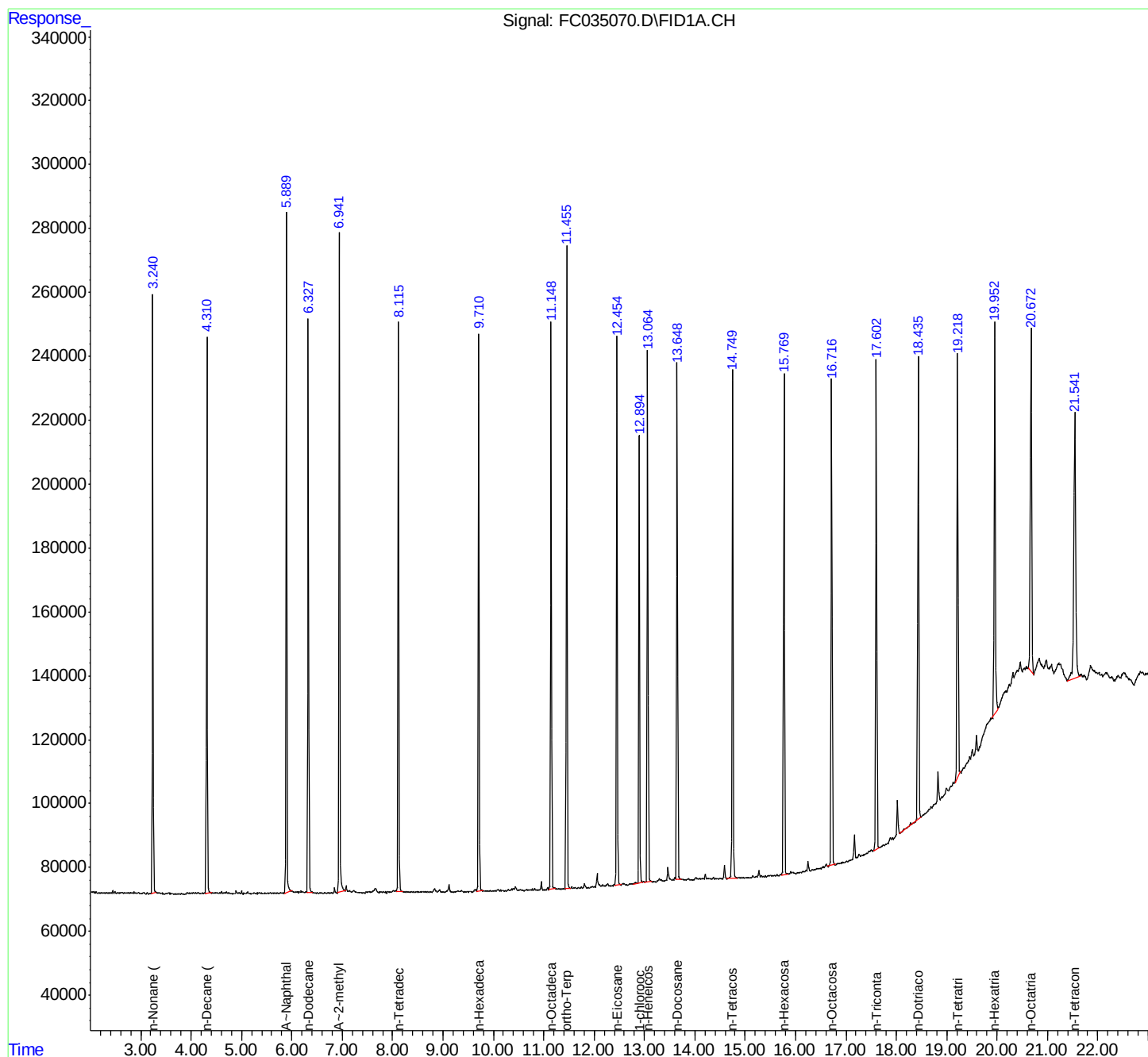
(f)=RT Delta > 1/2 Window

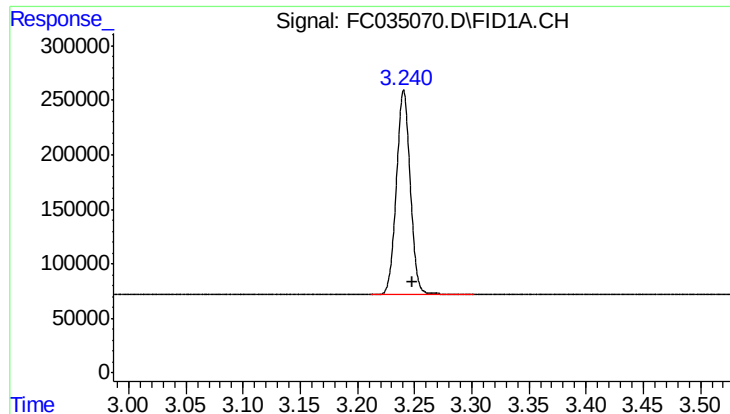
(m)=manual int.

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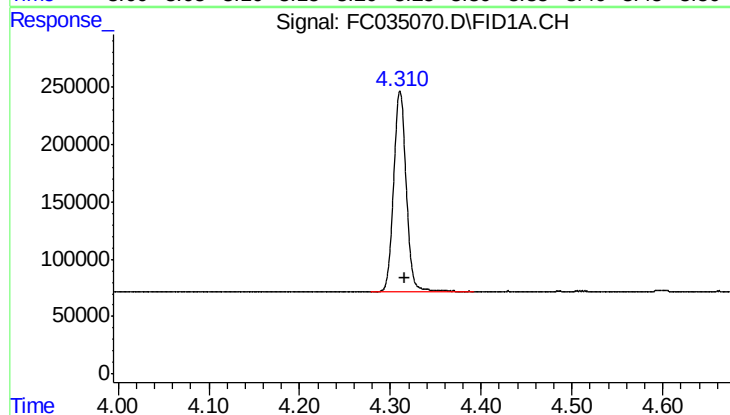
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





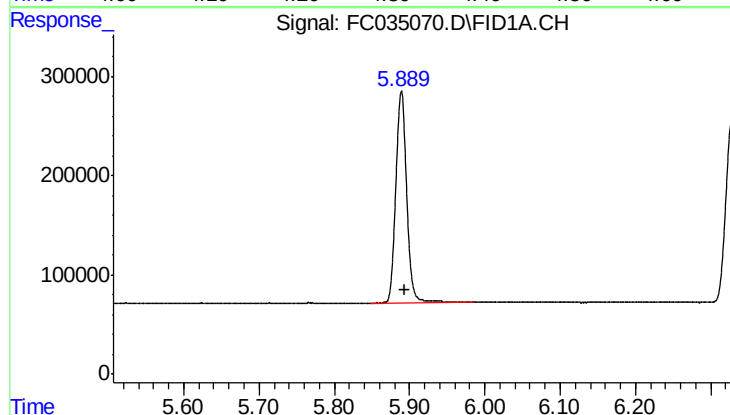
#1 n-Nonane (C9)

R.T.: 3.241 min  
Delta R.T.: -0.007 min  
Response: 1585697  
Conc: 18.91 ug/ml



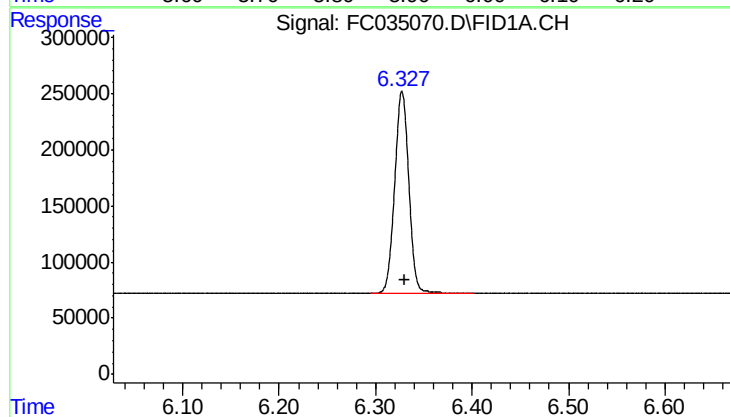
#2 n-Decane (C10)

R.T.: 4.311 min  
Delta R.T.: -0.005 min  
Response: 1668562  
Conc: 19.91 ug/ml



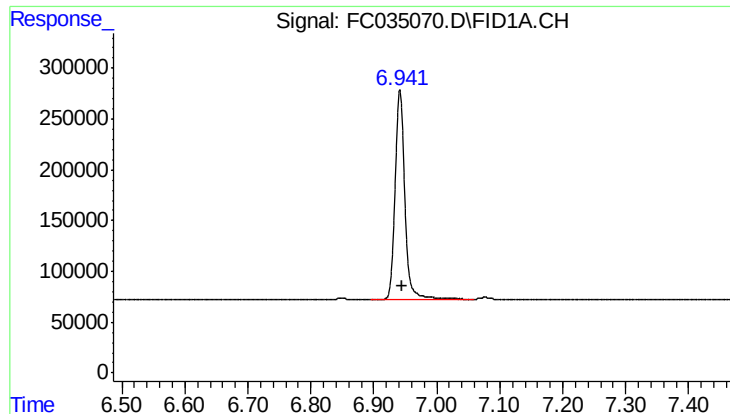
#3 A-Naphthalene (C11.7)

R.T.: 5.889 min  
Delta R.T.: -0.004 min  
Response: 2133814  
Conc: 22.49 ug/ml



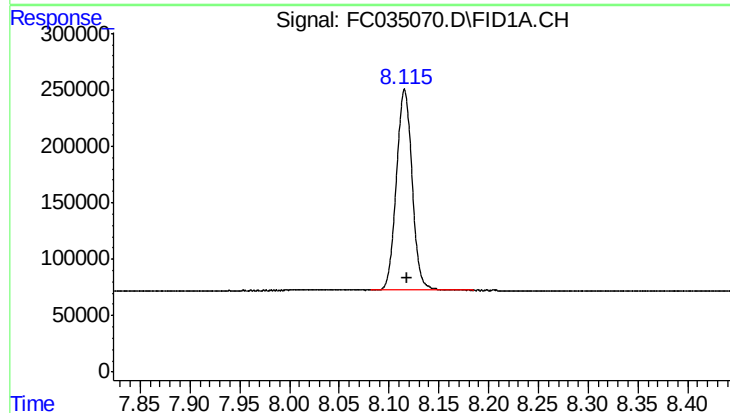
#4 n-Dodecane (C12)

R.T.: 6.328 min  
Delta R.T.: -0.003 min  
Response: 1837933  
Conc: 21.29 ug/ml



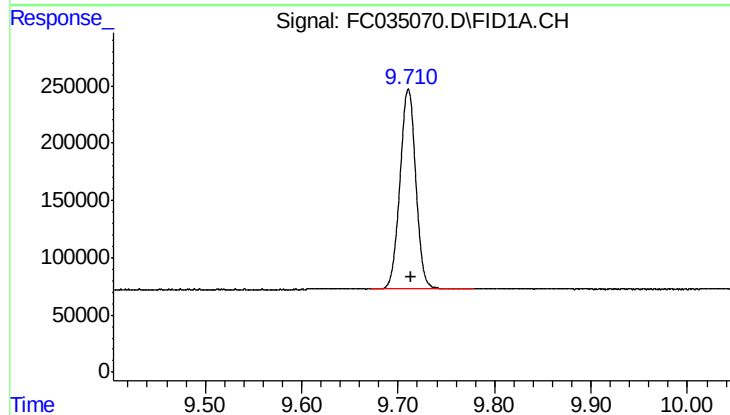
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.942 min  
Delta R.T.: -0.004 min  
Response: 2218806  
Conc: 23.04 ug/ml



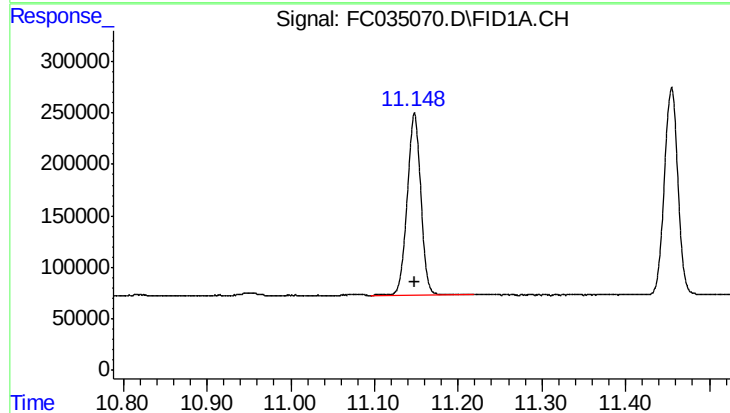
#6 n-Tetradecane (C14)

R.T.: 8.116 min  
Delta R.T.: -0.003 min  
Response: 1959518  
Conc: 21.97 ug/ml



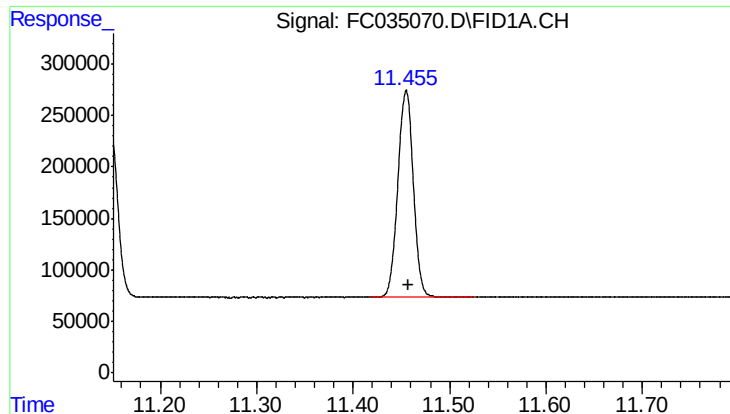
#7 n-Hexadecane (C16)

R.T.: 9.711 min  
Delta R.T.: -0.002 min  
Response: 2004585  
Conc: 21.85 ug/ml



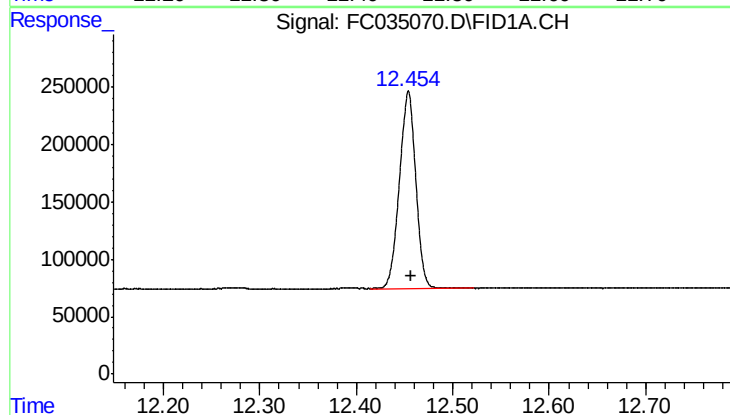
#8 n-Octadecane (C18)

R.T.: 11.148 min  
Delta R.T.: 0.000 min  
Response: 1995392  
Conc: 21.14 ug/ml



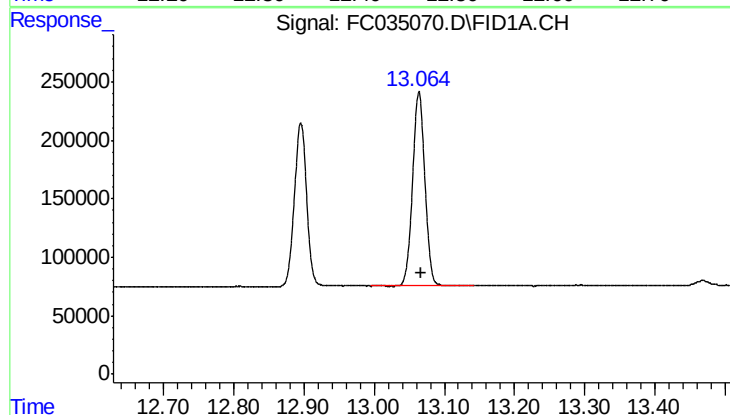
#9 ortho-Terphenyl (SURR)

R.T.: 11.455 min  
Delta R.T.: -0.003 min  
Response: 2259666  
Conc: 21.95 ug/ml



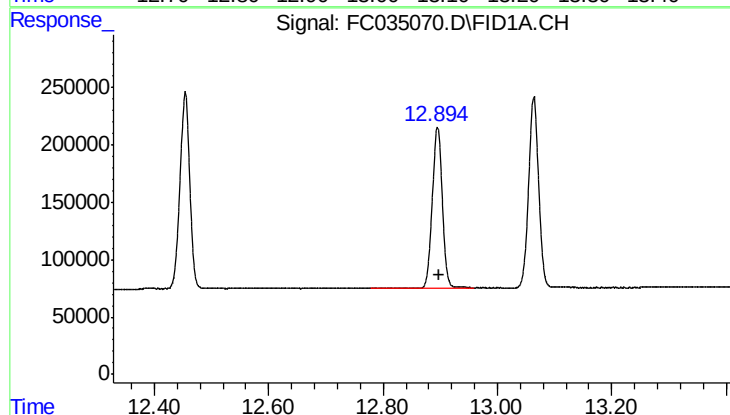
#10 n-Eicosane (C20)

R.T.: 12.454 min  
Delta R.T.: -0.002 min  
Response: 2028301  
Conc: 21.03 ug/ml



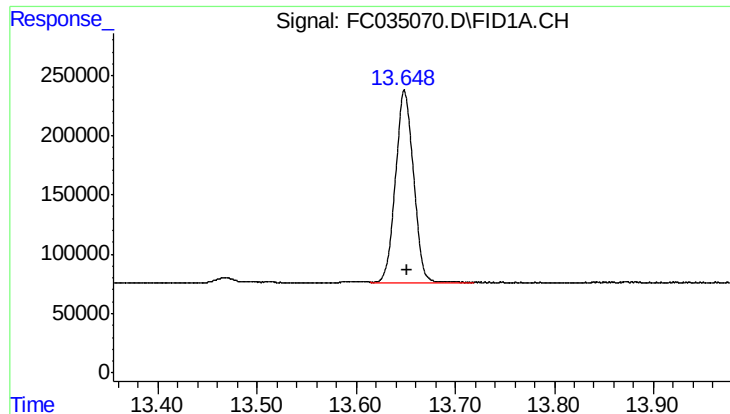
#11 n-Heneicosane (C21)

R.T.: 13.064 min  
Delta R.T.: -0.003 min  
Response: 2014816  
Conc: 21.21 ug/ml



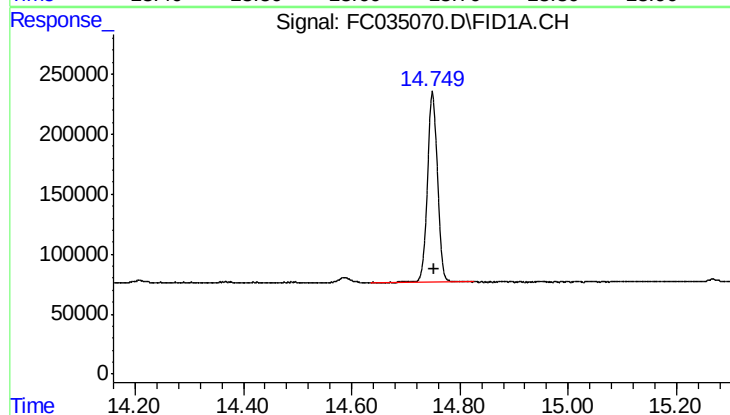
#12 1-chlorooctadecane (SURR)

R.T.: 12.896 min  
Delta R.T.: -0.003 min  
Response: 1711329  
Conc: 21.38 ug/ml



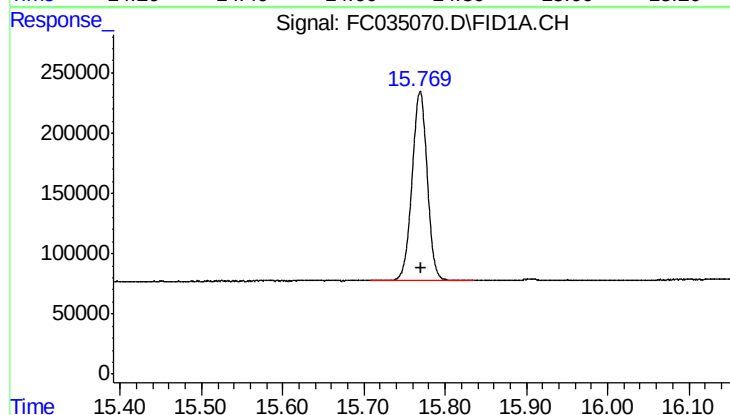
#13 n-Docosane (C22)

R.T.: 13.649 min  
Delta R.T.: -0.002 min  
Response: 2030198  
Conc: 21.27 ug/ml



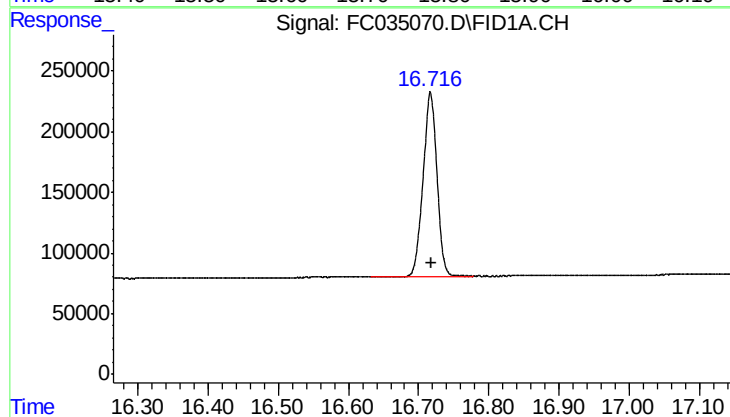
#14 n-Tetracosane (C24)

R.T.: 14.749 min  
Delta R.T.: -0.004 min  
Response: 2043061  
Conc: 21.40 ug/ml



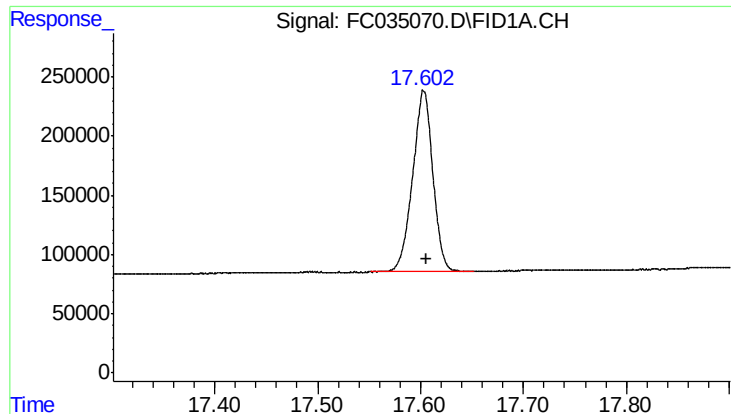
#15 n-Hexacosane (C26)

R.T.: 15.769 min  
Delta R.T.: -0.002 min  
Response: 2035581  
Conc: 21.53 ug/ml



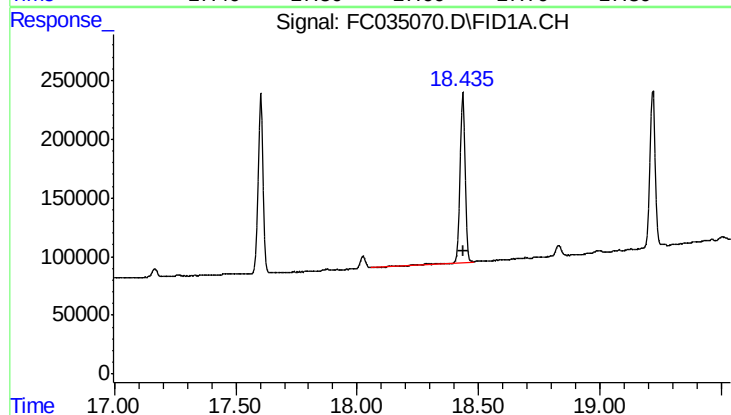
#16 n-Octacosane (C28)

R.T.: 16.717 min  
Delta R.T.: -0.002 min  
Response: 2082237  
Conc: 22.15 ug/ml



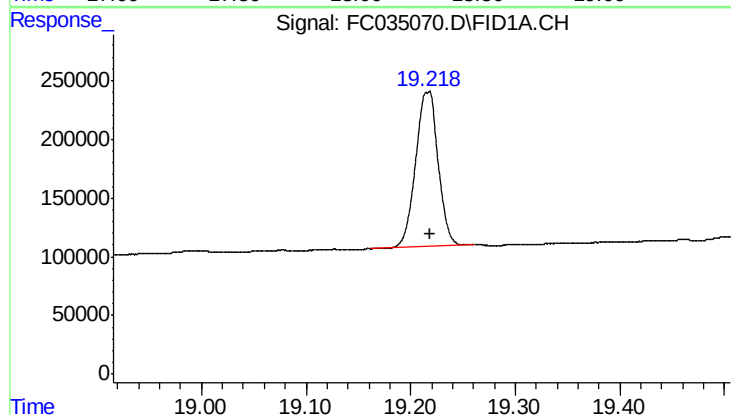
#17 n-Tricontane (C30)

R.T.: 17.603 min  
Delta R.T.: -0.002 min  
Response: 2085008  
Conc: 22.69 ug/ml



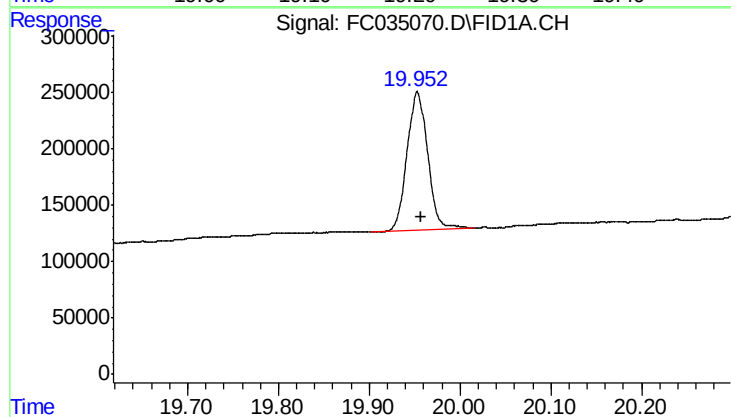
#18 n-Dotriacontane (C32)

R.T.: 18.435 min  
Delta R.T.: 0.000 min  
Response: 2089767  
Conc: 23.54 ug/ml



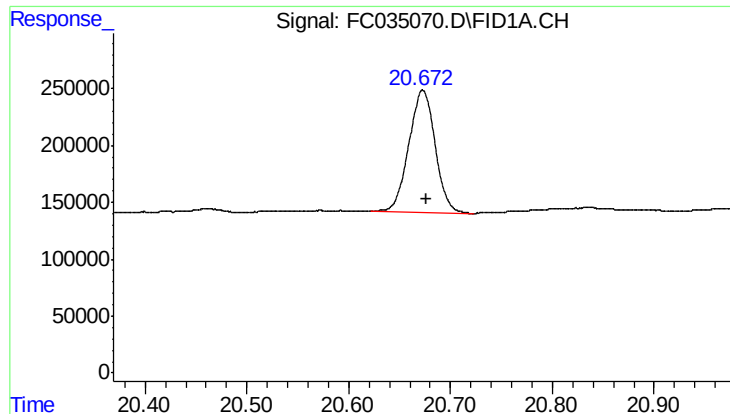
#19 n-Tetratriacontane (C34)

R.T.: 19.216 min  
Delta R.T.: -0.002 min  
Response: 1979171  
Conc: 21.87 ug/ml



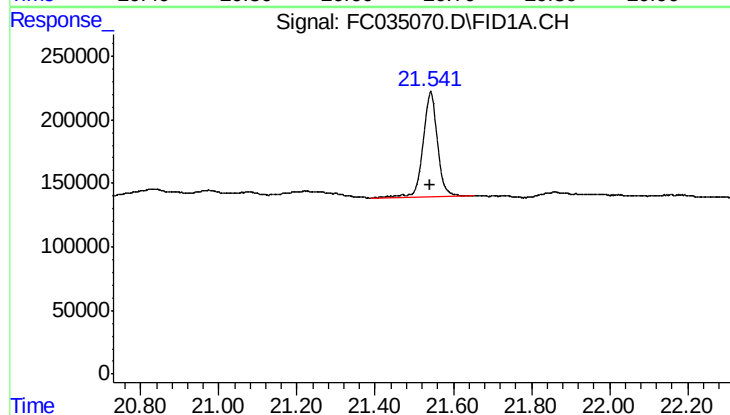
#20 n-Hexatriacontane (C36)

R.T.: 19.953 min  
Delta R.T.: -0.004 min  
Response: 1938305  
Conc: 21.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.673 min  
Delta R.T.: -0.003 min  
Response: 1920966  
Conc: 20.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.542 min  
Delta R.T.: 0.000 min  
Response: 2121678  
Conc: 22.58 ug/ml