

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071018AL\  
 Data File : FC035226.D  
 Signal(s) : FID1A.CH  
 Acq On : 10 Jul 2018 13:18  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 10 13:49:00 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)    | 11.448 | 2053130    | 19.941 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.88%       |
| 12) S 1-chlorooctadecane (S... | 12.889 | 1574745    | 19.674 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.35%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.240  | 1583322    | 18.881 ug/ml |
| 2) T n-Decane (C10)            | 4.308  | 1612443    | 19.239 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.883  | 1923831    | 20.274 ug/ml |
| 4) T n-Dodecane (C12)          | 6.322  | 1686588    | 19.541 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.935  | 1969184    | 20.449 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.110  | 1756873    | 19.702 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.705  | 1808776    | 19.715 ug/ml |
| 8) T n-Octadecane (C18)        | 11.141 | 1811486    | 19.194 ug/ml |
| 10) T n-Eicosane (C20)         | 12.447 | 1876808    | 19.463 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.058 | 1876960    | 19.758 ug/ml |
| 13) T n-Docosane (C22)         | 13.642 | 1904191    | 19.951 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.742 | 1964386    | 20.580 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.762 | 1980785    | 20.953 ug/ml |
| 16) T n-Octacosane (C28)       | 16.709 | 2058903    | 21.899 ug/ml |
| 17) T n-Tricontane (C30)       | 17.595 | 2058234    | 22.400 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.426 | 2059350    | 23.193 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.209 | 1894593    | 20.939 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.946 | 1885002    | 21.024 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.663 | 1832051    | 19.865 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.531 | 1940276    | 20.645 ug/ml |
| -----                          |        |            |              |

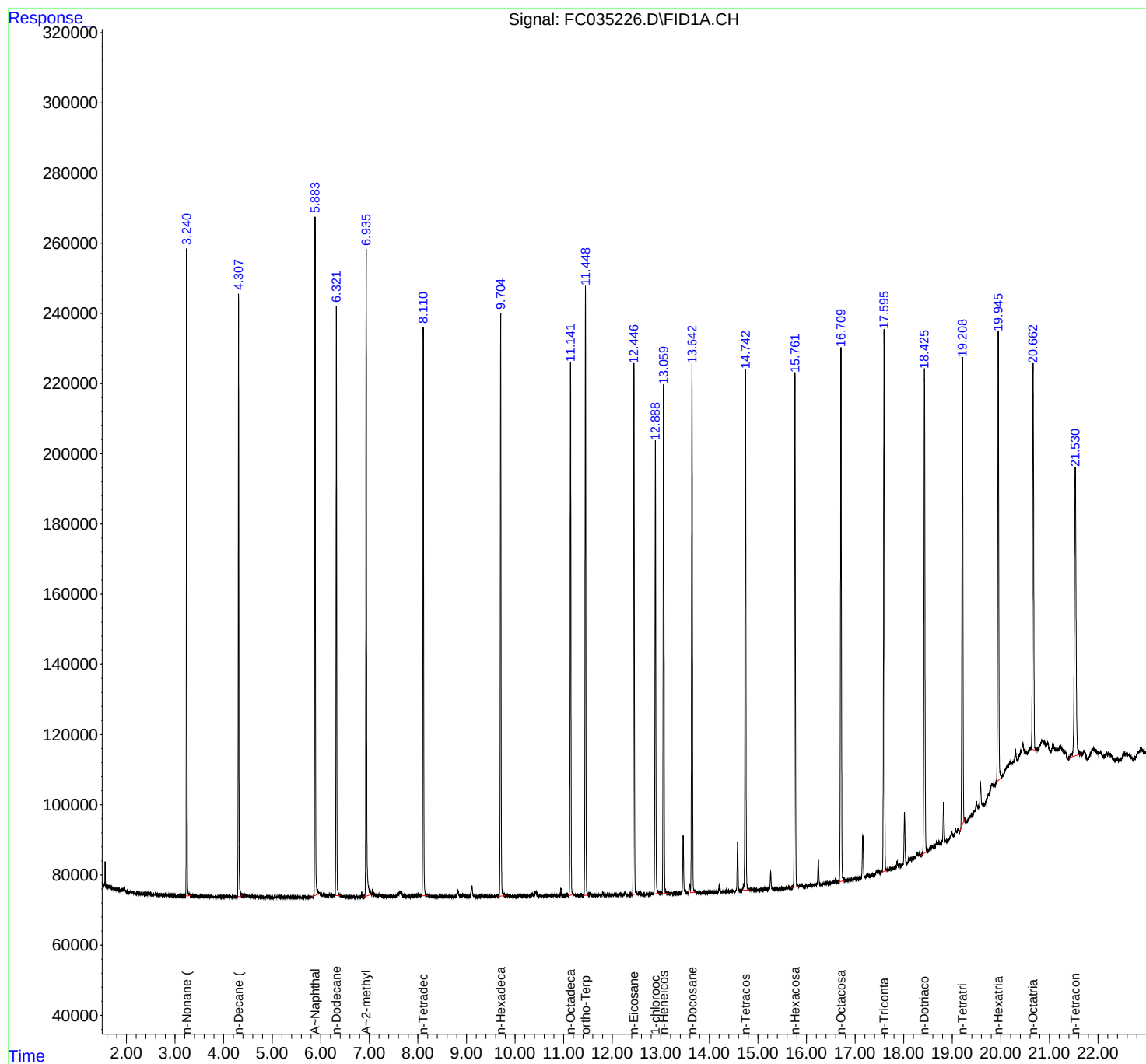
(f)=RT Delta > 1/2 Window

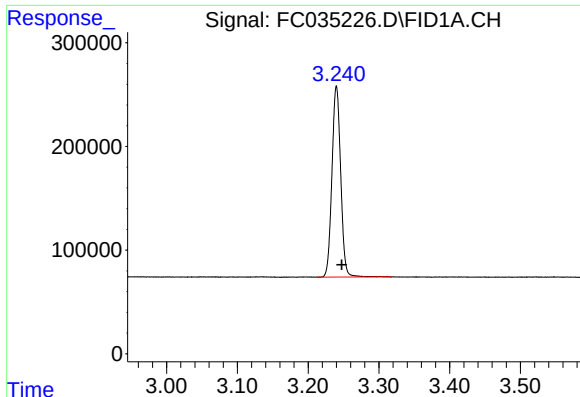
(m)=manual int.

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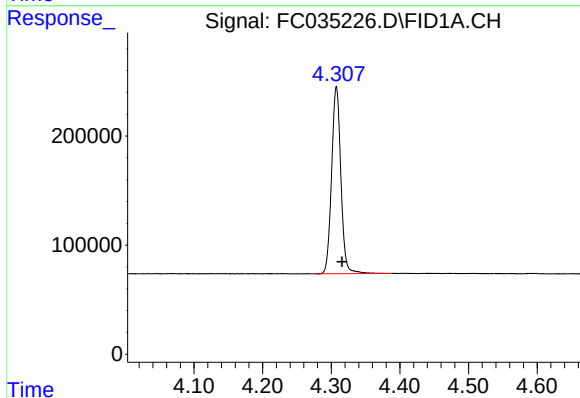
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





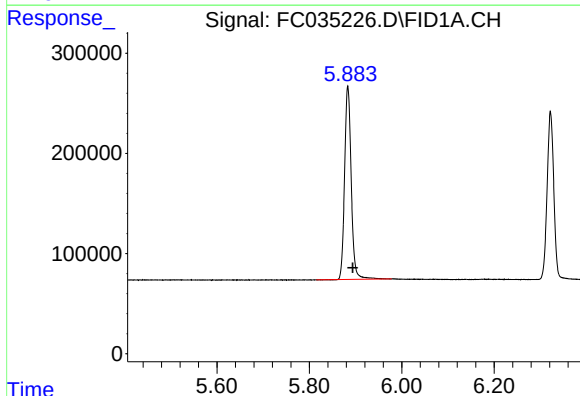
#1 n-Nonane (C9)

R.T.: 3.240 min  
Delta R.T.: -0.007 min  
Response: 1583322  
Conc: 18.88 ug/ml



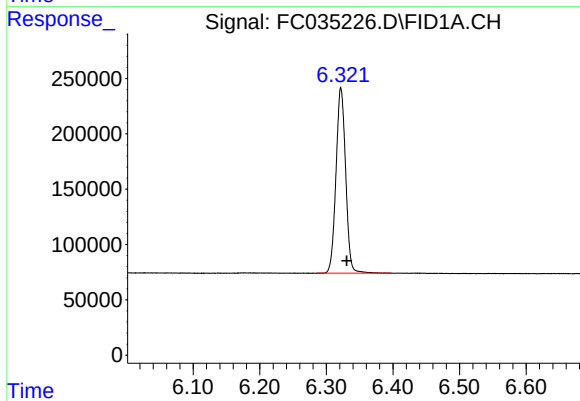
#2 n-Decane (C10)

R.T.: 4.308 min  
Delta R.T.: -0.008 min  
Response: 1612443  
Conc: 19.24 ug/ml



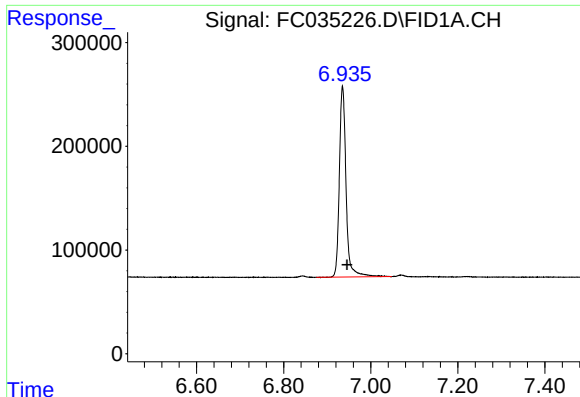
#3 A~Naphthalene (C11.7)

R.T.: 5.883 min  
Delta R.T.: -0.010 min  
Response: 1923831  
Conc: 20.27 ug/ml



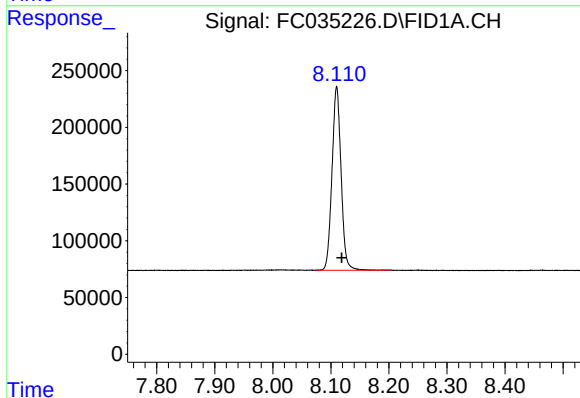
#4 n-Dodecane (C12)

R.T.: 6.322 min  
Delta R.T.: -0.009 min  
Response: 1686588  
Conc: 19.54 ug/ml



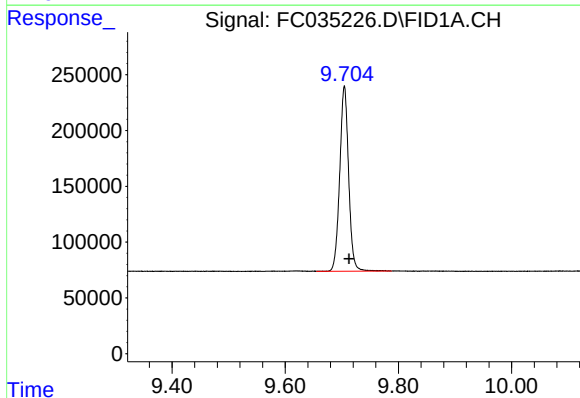
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.935 min  
Delta R.T.: -0.010 min  
Response: 1969184  
Conc: 20.45 ug/ml



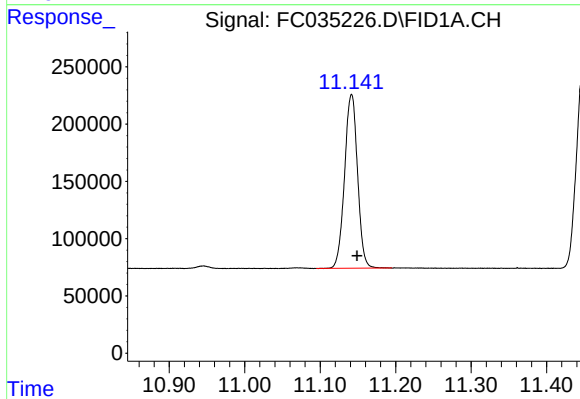
#6 n-Tetradecane (C14)

R.T.: 8.110 min  
Delta R.T.: -0.009 min  
Response: 1756873  
Conc: 19.70 ug/ml



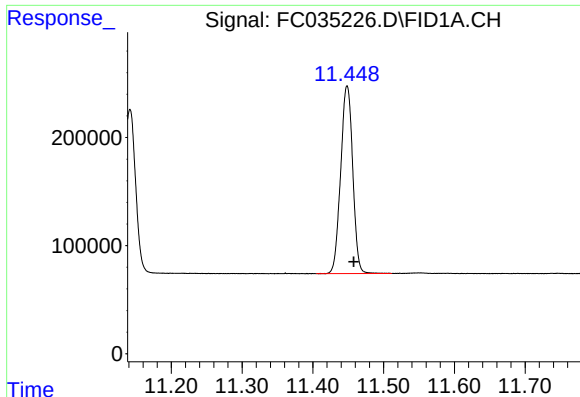
#7 n-Hexadecane (C16)

R.T.: 9.705 min  
Delta R.T.: -0.009 min  
Response: 1808776  
Conc: 19.72 ug/ml



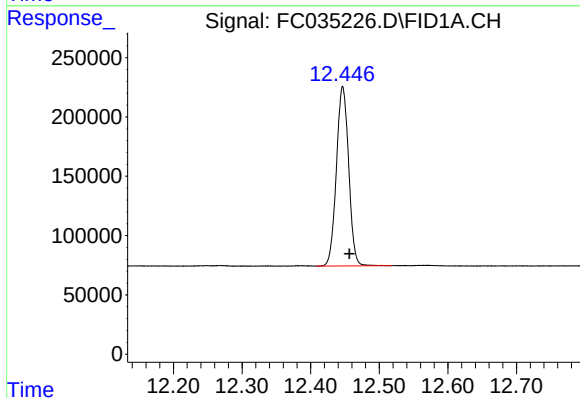
#8 n-Octadecane (C18)

R.T.: 11.141 min  
Delta R.T.: -0.007 min  
Response: 1811486  
Conc: 19.19 ug/ml



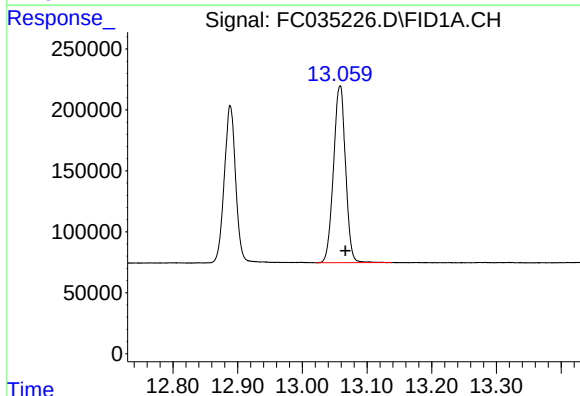
#9 ortho-Terphenyl (SURR)

R.T.: 11.448 min  
Delta R.T.: -0.009 min  
Response: 2053130  
Conc: 19.94 ug/ml



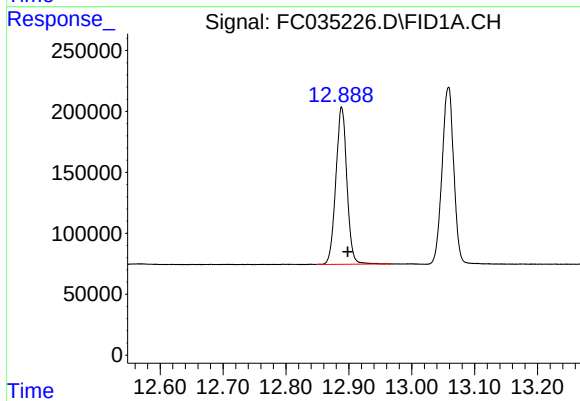
#10 n-Eicosane (C20)

R.T.: 12.447 min  
Delta R.T.: -0.010 min  
Response: 1876808  
Conc: 19.46 ug/ml



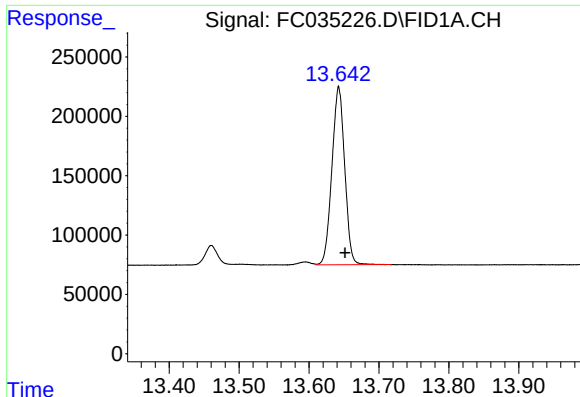
#11 n-Heneicosane (C21)

R.T.: 13.058 min  
Delta R.T.: -0.009 min  
Response: 1876960  
Conc: 19.76 ug/ml



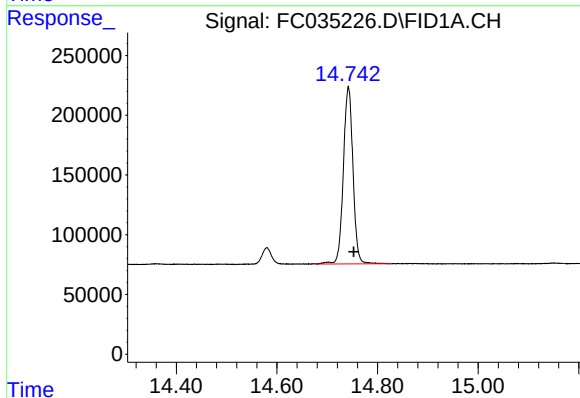
#12 1-chlorooctadecane (SURR)

R.T.: 12.889 min  
Delta R.T.: -0.010 min  
Response: 1574745  
Conc: 19.67 ug/ml



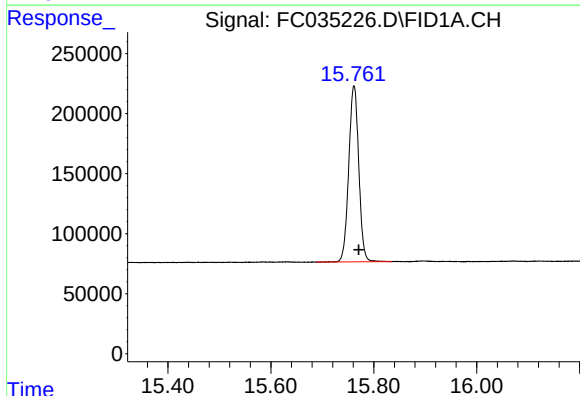
#13 n-Docosane (C22)

R.T.: 13.642 min  
Delta R.T.: -0.009 min  
Response: 1904191  
Conc: 19.95 ug/ml



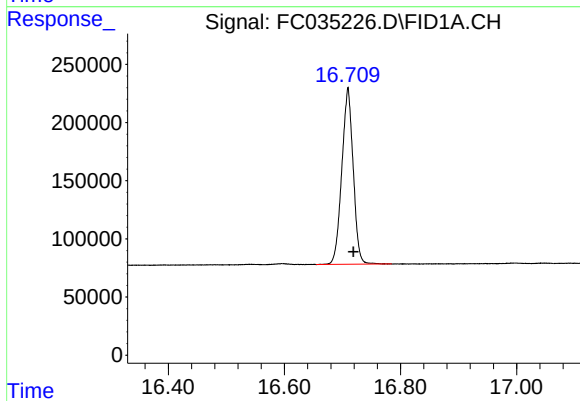
#14 n-Tetracosane (C24)

R.T.: 14.742 min  
Delta R.T.: -0.011 min  
Response: 1964386  
Conc: 20.58 ug/ml



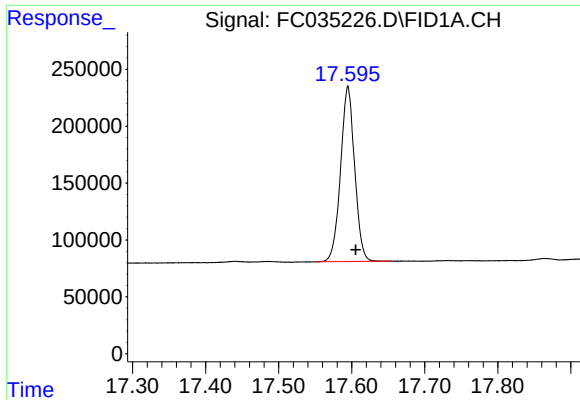
#15 n-Hexacosane (C26)

R.T.: 15.762 min  
Delta R.T.: -0.009 min  
Response: 1980785  
Conc: 20.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.709 min  
Delta R.T.: -0.010 min  
Response: 2058903  
Conc: 21.90 ug/ml



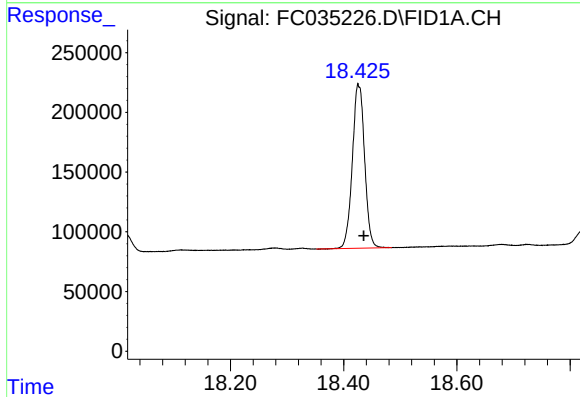
#17 n-Tricontane (C30)

R.T.: 17.595 min

Delta R.T.: -0.011 min

Response: 2058234

Conc: 22.40 ug/ml



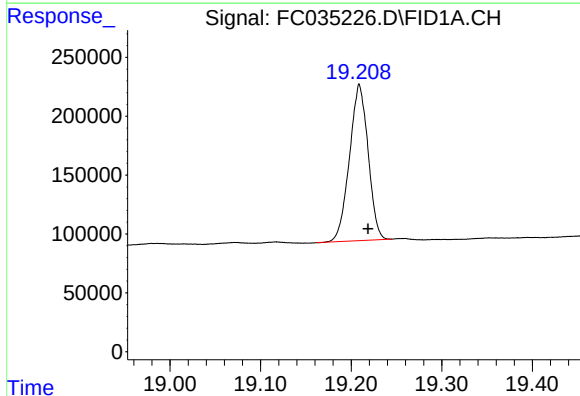
#18 n-Dotriacontane (C32)

R.T.: 18.426 min

Delta R.T.: -0.009 min

Response: 2059350

Conc: 23.19 ug/ml



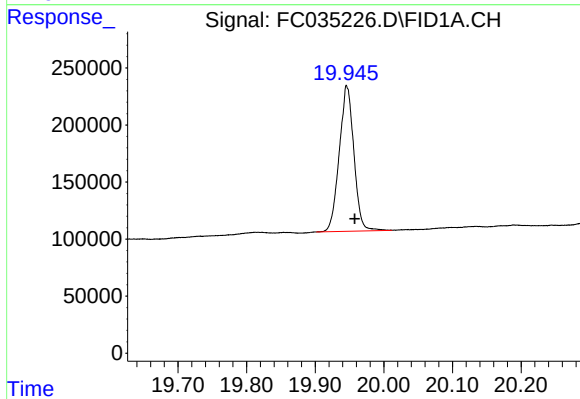
#19 n-Tetratriacontane (C34)

R.T.: 19.209 min

Delta R.T.: -0.010 min

Response: 1894593

Conc: 20.94 ug/ml



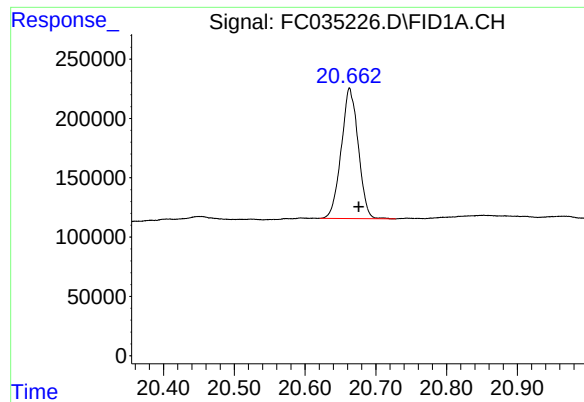
#20 n-Hexatriacontane (C36)

R.T.: 19.946 min

Delta R.T.: -0.011 min

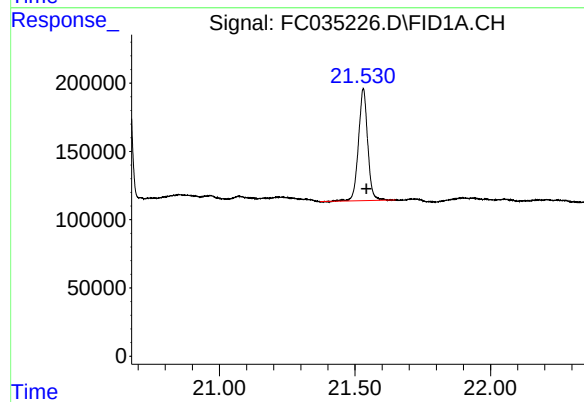
Response: 1885002

Conc: 21.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.663 min  
Delta R.T.: -0.013 min  
Response: 1832051  
Conc: 19.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.531 min  
Delta R.T.: -0.012 min  
Response: 1940276  
Conc: 20.65 ug/ml