

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC082120AL\  
 Data File : FC049146.D  
 Signal(s) : FID1A.CH  
 Acq On : 21 Aug 2020 11:30  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 22 01:22:03 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 080720.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Aug 08 02:38:47 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)    | 11.679 | 2405782    | 20.248 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.50%       |
| 12) S 1-chlorooctadecane (S... | 13.112 | 1945484    | 19.999 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.409  | 2162643    | 20.735 ug/ml |
| 2) T n-Decane (C10)            | 4.484  | 2214013    | 21.108 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.084  | 2517975    | 21.291 ug/ml |
| 4) T n-Dodecane (C12)          | 6.511  | 2265741    | 21.362 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.143  | 2575239    | 21.359 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.309  | 2266530    | 21.523 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.913  | 2236196    | 21.305 ug/ml |
| 8) T n-Octadecane (C18)        | 11.355 | 2311229    | 21.038 ug/ml |
| 10) T n-Eicosane (C20)         | 12.665 | 2284576    | 20.530 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.277 | 2251227    | 20.153 ug/ml |
| 13) T n-Docosane (C22)         | 13.864 | 2228174    | 19.823 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.965 | 2150422    | 18.915 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.986 | 2049395    | 17.911 ug/ml |
| 16) T n-Octacosane (C28)       | 16.934 | 1994770    | 17.146 ug/ml |
| 17) T n-Tricontane (C30)       | 17.821 | 1932346    | 16.716 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.652 | 1786814    | 16.525 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.434 | 1697501    | 16.367 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.172 | 1771597    | 17.818 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.927 | 1605510    | 16.979 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.879 | 1657383    | 17.361 ug/ml |
| -----                          |        |            |              |

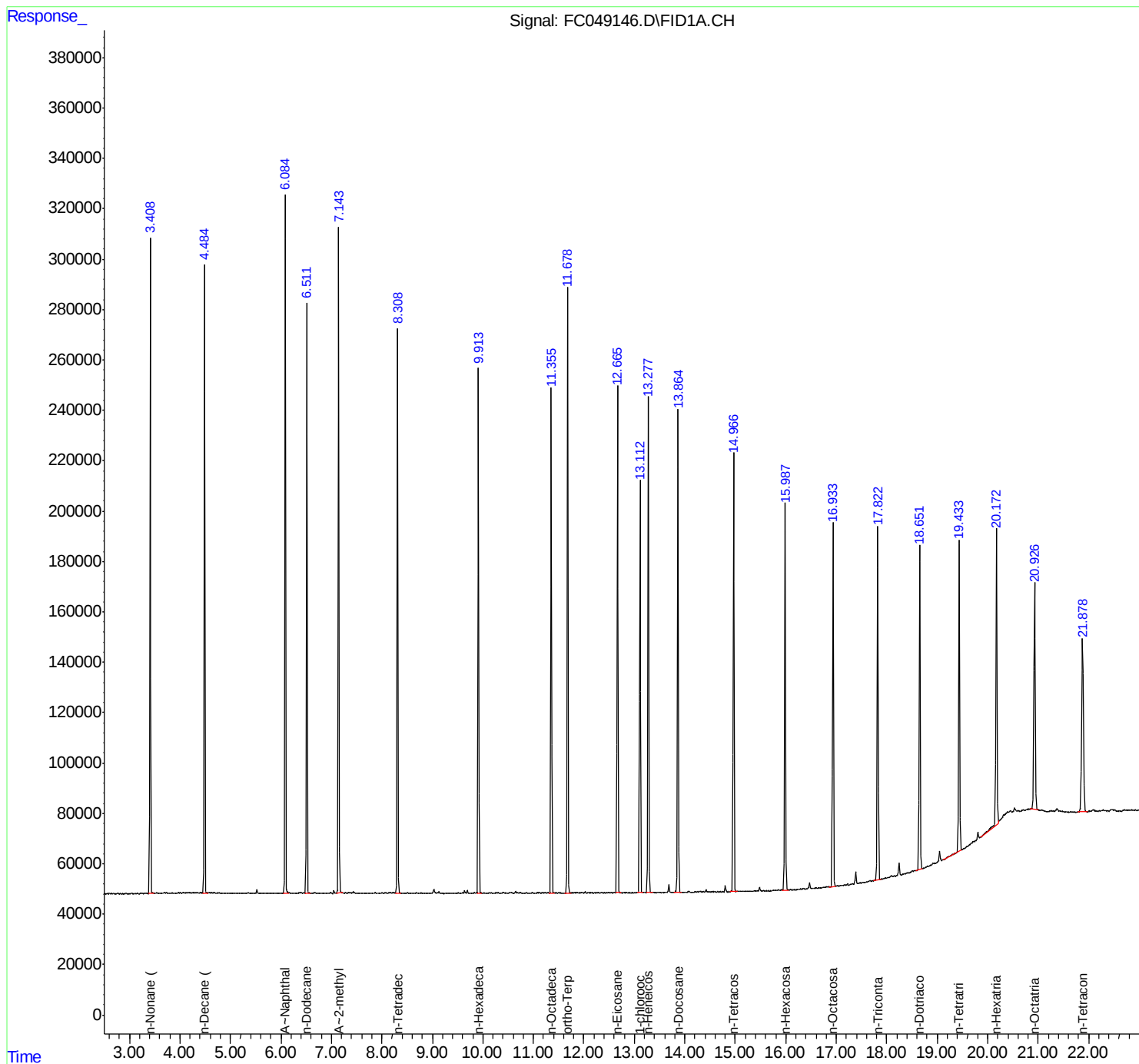
(f)=RT Delta > 1/2 Window

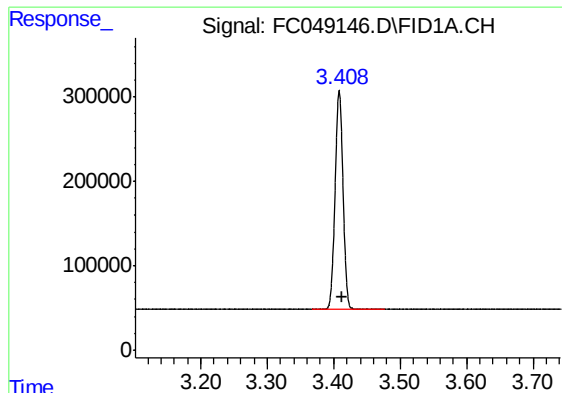
(m)=manual int.

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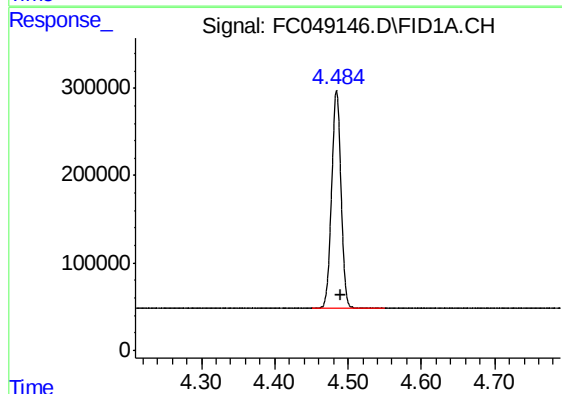
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





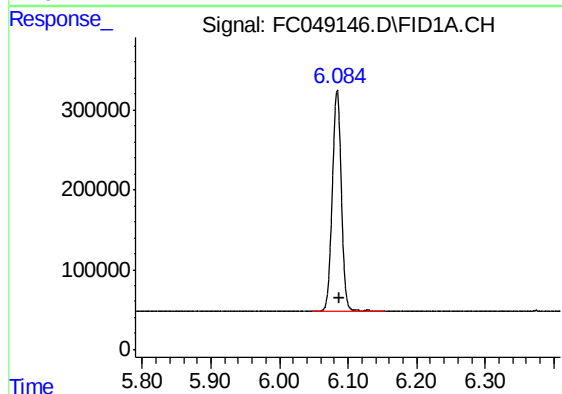
#1 n-Nonane (C9)

R.T.: 3.409 min  
Delta R.T.: -0.004 min  
Response: 2162643  
Conc: 20.74 ug/ml



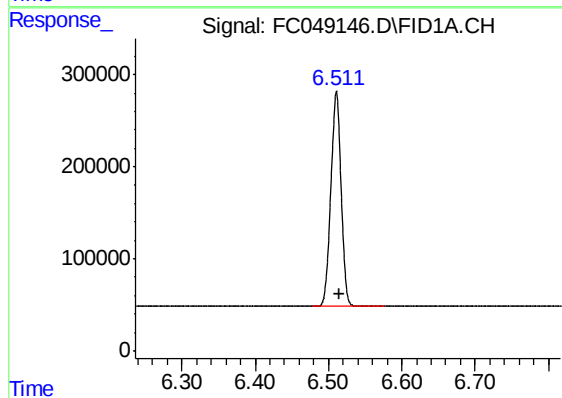
#2 n-Decane (C10)

R.T.: 4.484 min  
Delta R.T.: -0.005 min  
Response: 2214013  
Conc: 21.11 ug/ml



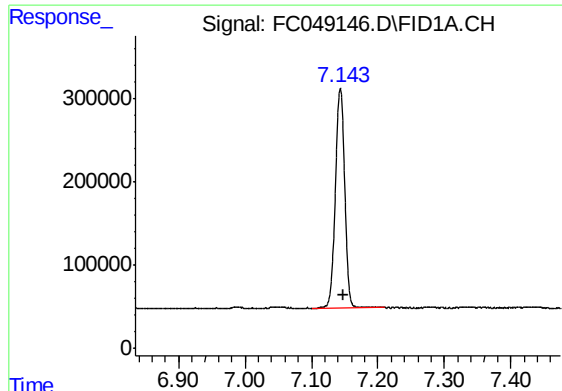
#3 A~Naphthalene (C11.7)

R.T.: 6.084 min  
Delta R.T.: -0.003 min  
Response: 2517975  
Conc: 21.29 ug/ml



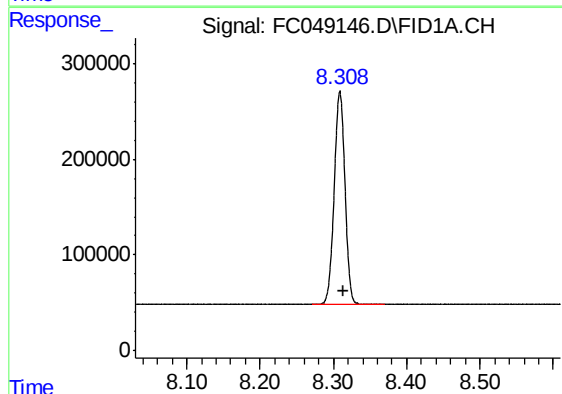
#4 n-Dodecane (C12)

R.T.: 6.511 min  
Delta R.T.: -0.004 min  
Response: 2265741  
Conc: 21.36 ug/ml



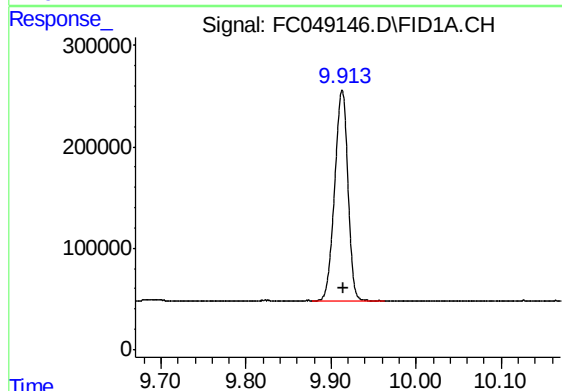
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.143 min  
Delta R.T.: -0.004 min  
Response: 2575239  
Conc: 21.36 ug/ml



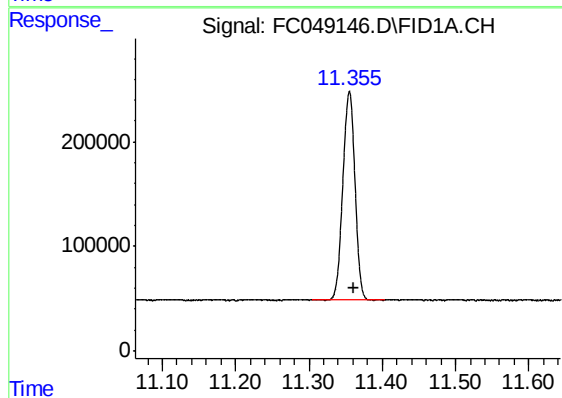
#6 n-Tetradecane (C14)

R.T.: 8.309 min  
Delta R.T.: -0.005 min  
Response: 2266530  
Conc: 21.52 ug/ml



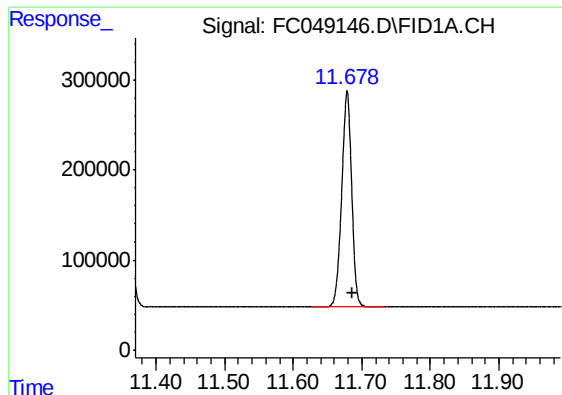
#7 n-Hexadecane (C16)

R.T.: 9.913 min  
Delta R.T.: -0.002 min  
Response: 2236196  
Conc: 21.30 ug/ml



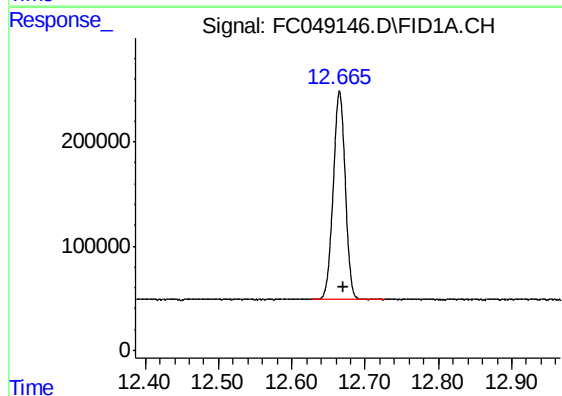
#8 n-Octadecane (C18)

R.T.: 11.355 min  
Delta R.T.: -0.006 min  
Response: 2311229  
Conc: 21.04 ug/ml



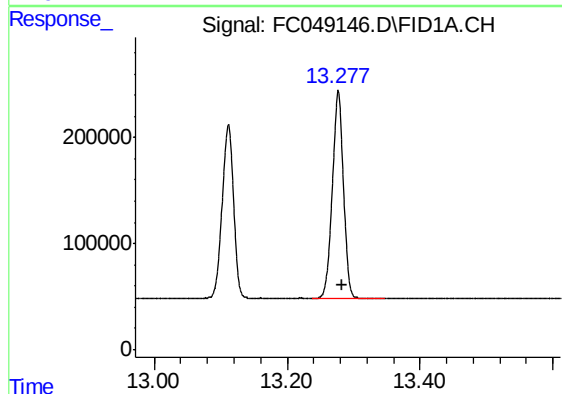
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min  
Delta R.T.: -0.007 min  
Response: 2405782  
Conc: 20.25 ug/ml



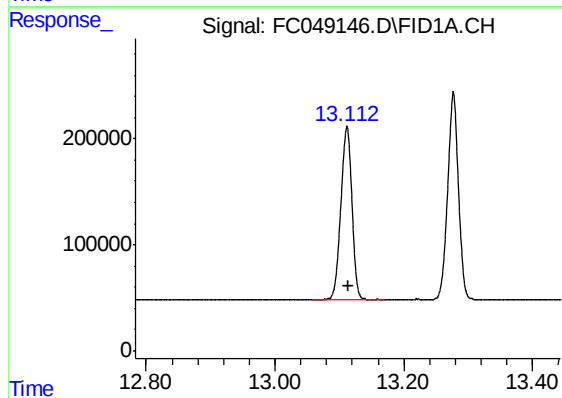
#10 n-Eicosane (C20)

R.T.: 12.665 min  
Delta R.T.: -0.005 min  
Response: 2284576  
Conc: 20.53 ug/ml



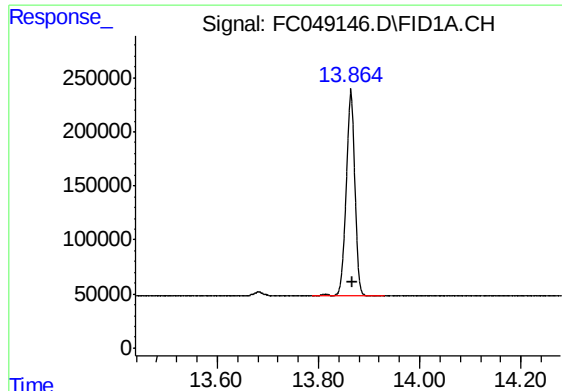
#11 n-Heneicosane (C21)

R.T.: 13.277 min  
Delta R.T.: -0.005 min  
Response: 2251227  
Conc: 20.15 ug/ml



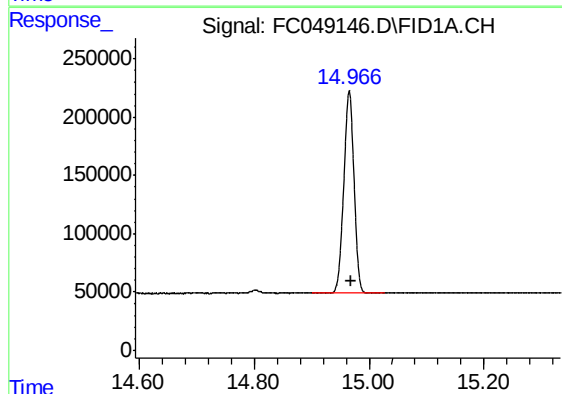
#12 1-chlorooctadecane (SURR)

R.T.: 13.112 min  
Delta R.T.: -0.003 min  
Response: 1945484  
Conc: 20.00 ug/ml



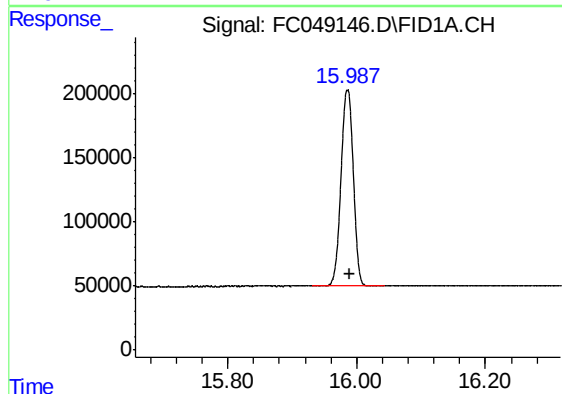
#13 n-Docosane (C22)

R.T.: 13.864 min  
Delta R.T.: -0.003 min  
Response: 2228174  
Conc: 19.82 ug/ml



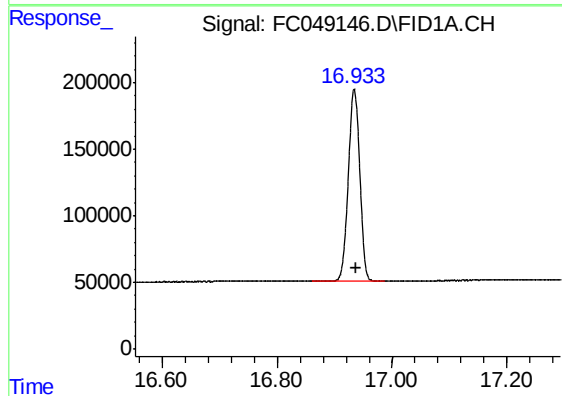
#14 n-Tetracosane (C24)

R.T.: 14.965 min  
Delta R.T.: -0.004 min  
Response: 2150422  
Conc: 18.92 ug/ml



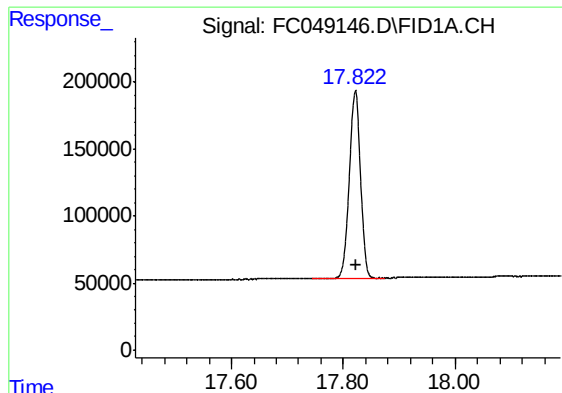
#15 n-Hexacosane (C26)

R.T.: 15.986 min  
Delta R.T.: -0.004 min  
Response: 2049395  
Conc: 17.91 ug/ml



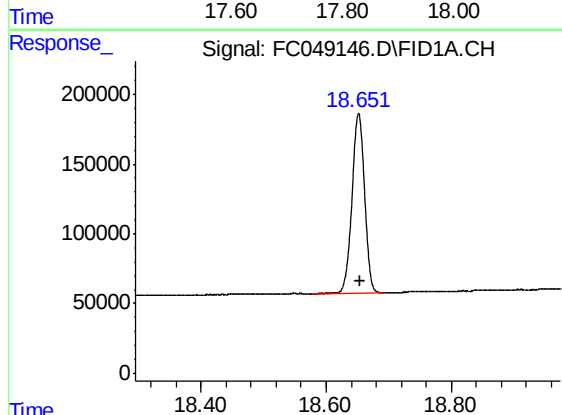
#16 n-Octacosane (C28)

R.T.: 16.934 min  
Delta R.T.: -0.003 min  
Response: 1994770  
Conc: 17.15 ug/ml



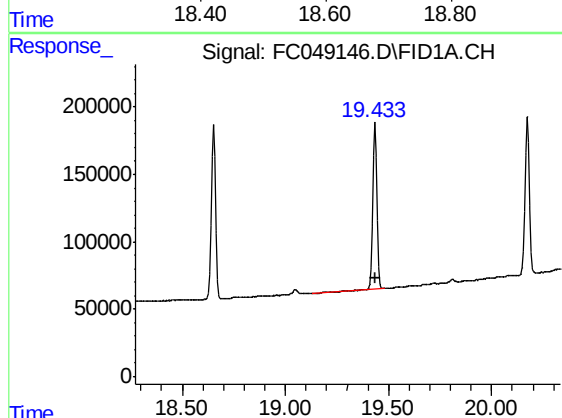
#17 n-Tricontane (C30)

R.T.: 17.821 min  
Delta R.T.: -0.001 min  
Response: 1932346  
Conc: 16.72 ug/ml



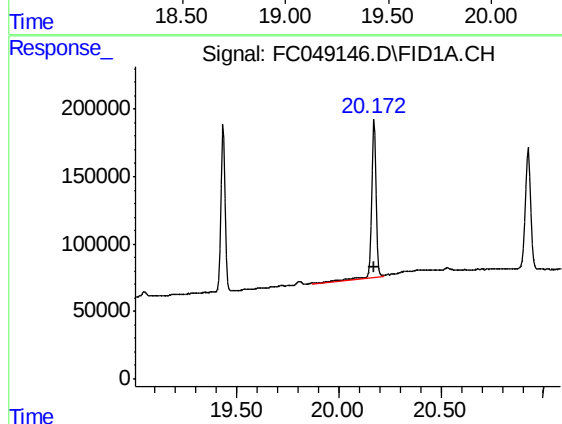
#18 n-Dotriacontane (C32)

R.T.: 18.652 min  
Delta R.T.: -0.002 min  
Response: 1786814  
Conc: 16.53 ug/ml



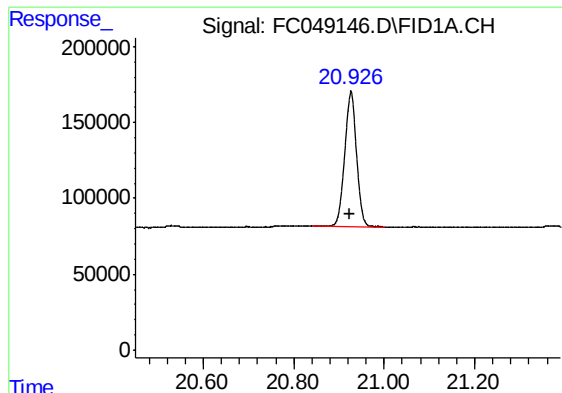
#19 n-Tetatriacontane (C34)

R.T.: 19.434 min  
Delta R.T.: 0.000 min  
Response: 1697501  
Conc: 16.37 ug/ml



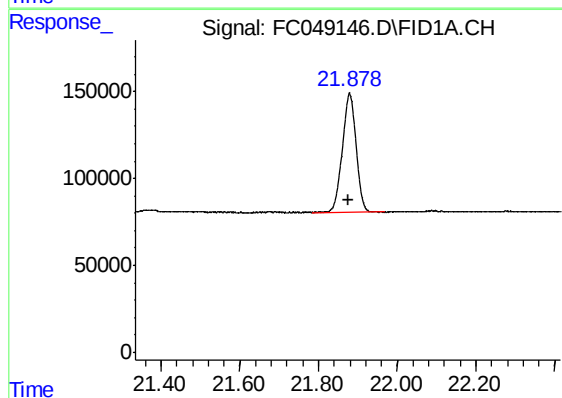
#20 n-Hexatriacontane (C36)

R.T.: 20.172 min  
Delta R.T.: 0.000 min  
Response: 1771597  
Conc: 17.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.927 min  
Delta R.T.: 0.003 min  
Response: 1605510  
Conc: 16.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.879 min  
Delta R.T.: 0.002 min  
Response: 1657383  
Conc: 17.36 ug/ml