

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030220AL\  
 Data File : FC046029.D  
 Signal(s) : FID1A.CH  
 Acq On : 02 Mar 2020 12:07  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Mar 03 01:08:18 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 022120.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Feb 22 03:16:45 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)    | 11.763 | 2255628    | 19.773 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.55%       |
| 12) S 1-chlorooctadecane (S... | 13.183 | 1745937    | 19.462 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.92%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.531  | 2110074    | 20.933 ug/ml |
| 2) T n-Decane (C10)            | 4.602  | 2125783    | 21.076 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.202  | 2326945    | 20.957 ug/ml |
| 4) T n-Dodecane (C12)          | 6.615  | 2150165    | 21.076 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.255  | 2353859    | 21.161 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.402  | 2143131    | 20.936 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.996  | 2138879    | 20.658 ug/ml |
| 8) T n-Octadecane (C18)        | 11.431 | 2126316    | 20.227 ug/ml |
| 10) T n-Eicosane (C20)         | 12.737 | 2093111    | 19.800 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.345 | 2087098    | 19.568 ug/ml |
| 13) T n-Docosane (C22)         | 13.930 | 2051651    | 19.308 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.029 | 2011144    | 18.791 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.046 | 1946878    | 18.318 ug/ml |
| 16) T n-Octacosane (C28)       | 16.991 | 1881064    | 17.967 ug/ml |
| 17) T n-Tricontane (C30)       | 17.875 | 1797174    | 17.834 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.706 | 1529416    | 17.870 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.484 | 1324664    | 18.251 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.221 | 1232393    | 18.223 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.988 | 1149476    | 19.018 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.958 | 1202667    | 19.129 ug/ml |
| -----                          |        |            |              |

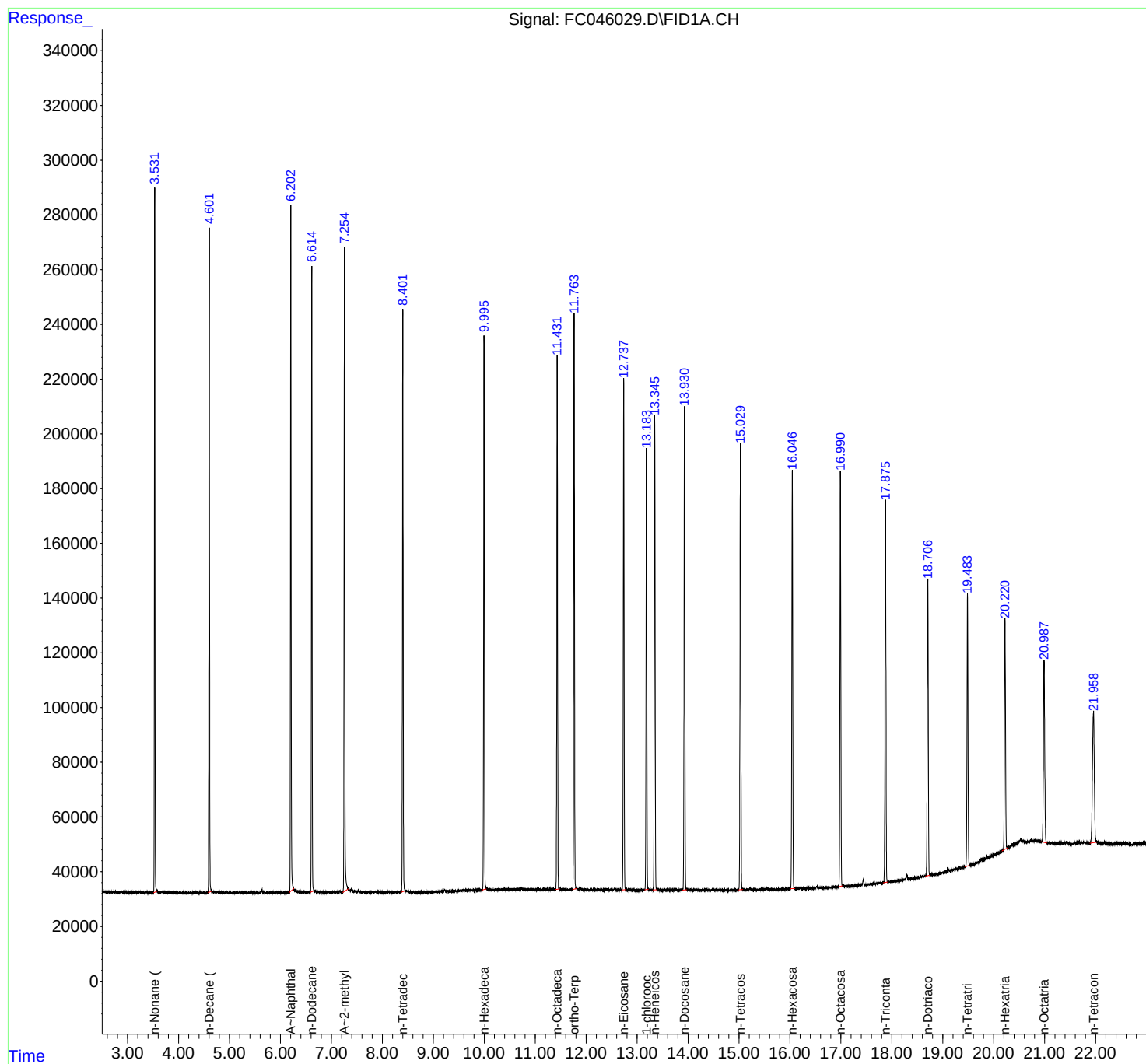
(f)=RT Delta > 1/2 Window

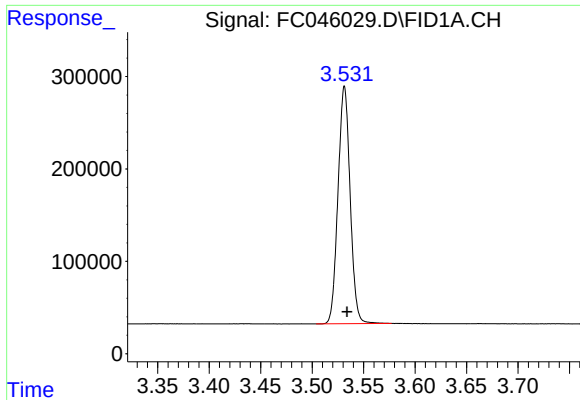
(m)=manual int.

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Misc :  
ALS Vial : 2 Sample Multiplier: 1

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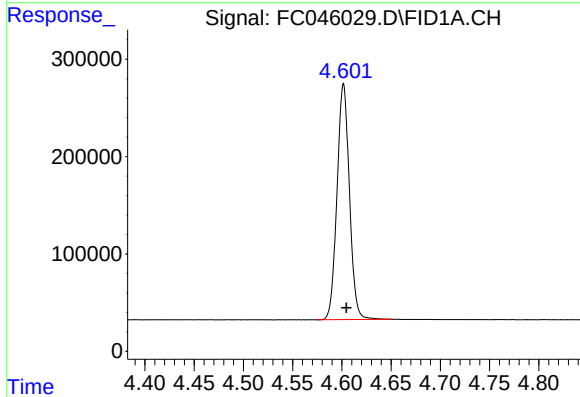
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





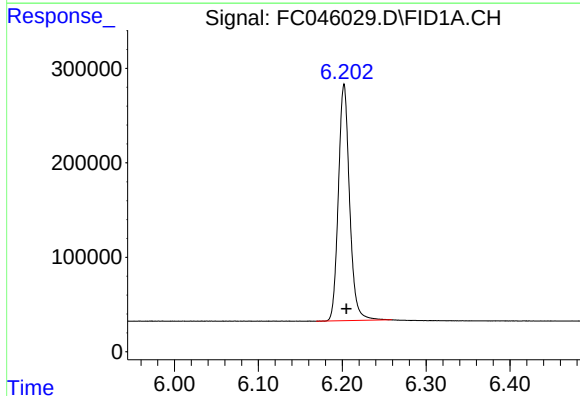
#1 n-Nonane (C9)

R.T.: 3.531 min  
Delta R.T.: -0.003 min  
Response: 2110074  
Conc: 20.93 ug/ml



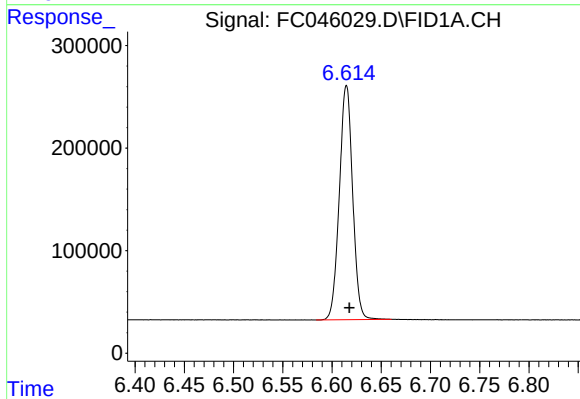
#2 n-Decane (C10)

R.T.: 4.602 min  
Delta R.T.: -0.003 min  
Response: 2125783  
Conc: 21.08 ug/ml



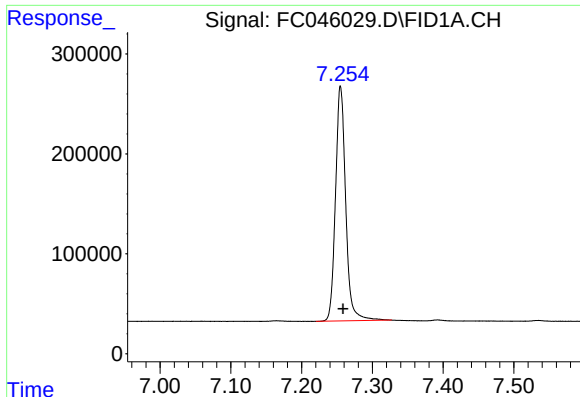
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min  
Delta R.T.: -0.003 min  
Response: 2326945  
Conc: 20.96 ug/ml



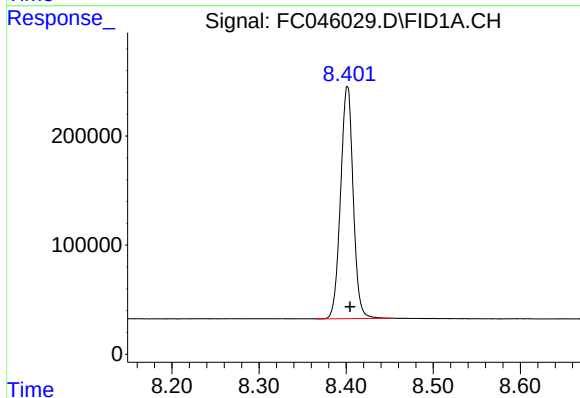
#4 n-Dodecane (C12)

R.T.: 6.615 min  
Delta R.T.: -0.003 min  
Response: 2150165  
Conc: 21.08 ug/ml



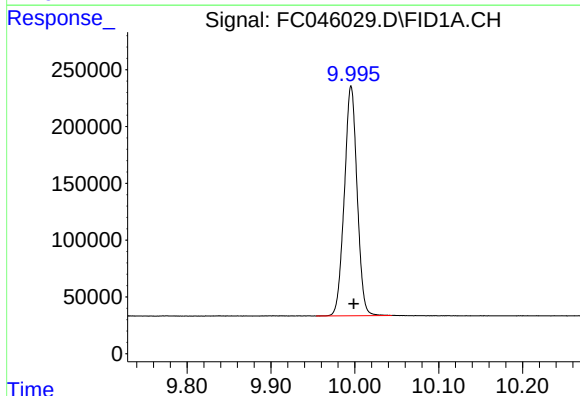
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.255 min  
Delta R.T.: -0.003 min  
Response: 2353859  
Conc: 21.16 ug/ml



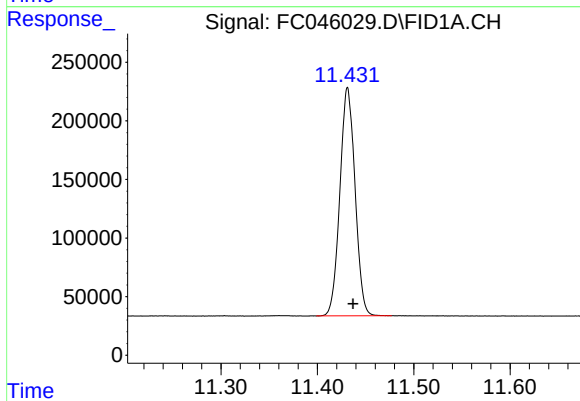
#6 n-Tetradecane (C14)

R.T.: 8.402 min  
Delta R.T.: -0.003 min  
Response: 2143131  
Conc: 20.94 ug/ml



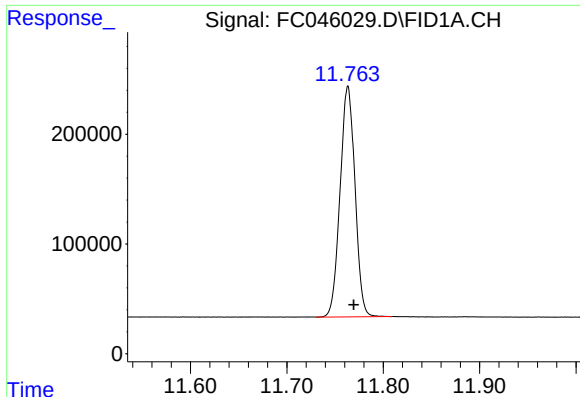
#7 n-Hexadecane (C16)

R.T.: 9.996 min  
Delta R.T.: -0.003 min  
Response: 2138879  
Conc: 20.66 ug/ml



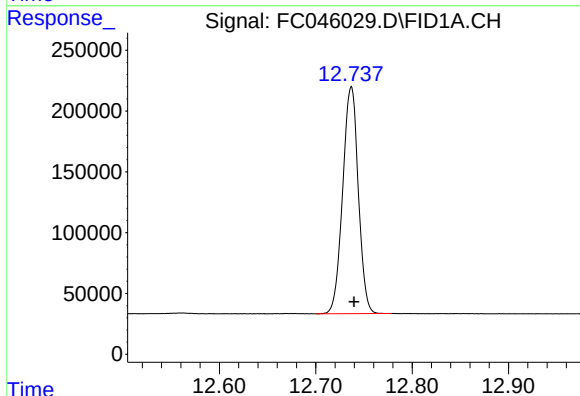
#8 n-Octadecane (C18)

R.T.: 11.431 min  
Delta R.T.: -0.005 min  
Response: 2126316  
Conc: 20.23 ug/ml



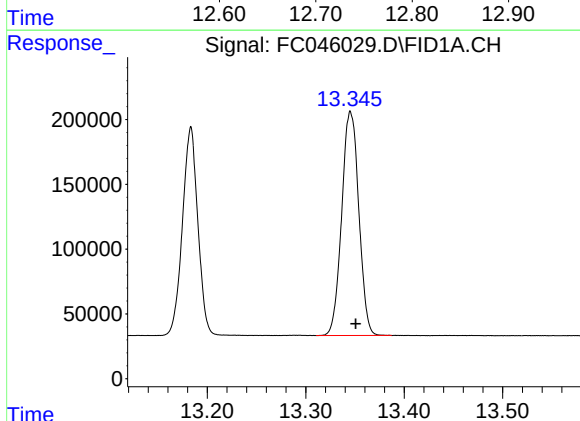
#9 ortho-Terphenyl (SURR)

R.T.: 11.763 min  
Delta R.T.: -0.006 min  
Response: 2255628  
Conc: 19.77 ug/ml



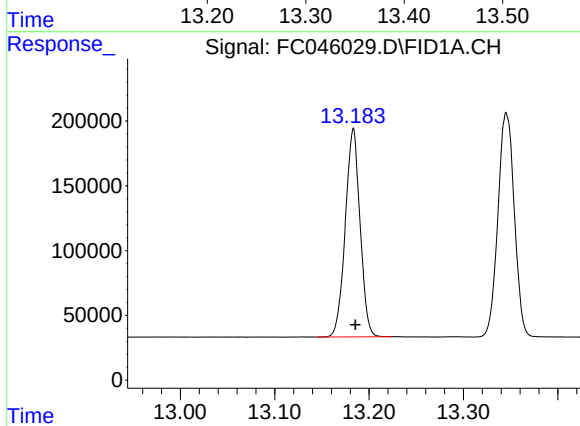
#10 n-Eicosane (C20)

R.T.: 12.737 min  
Delta R.T.: -0.003 min  
Response: 2093111  
Conc: 19.80 ug/ml



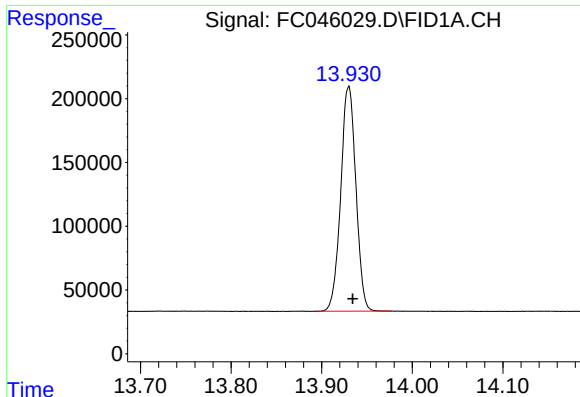
#11 n-Heneicosane (C21)

R.T.: 13.345 min  
Delta R.T.: -0.005 min  
Response: 2087098  
Conc: 19.57 ug/ml



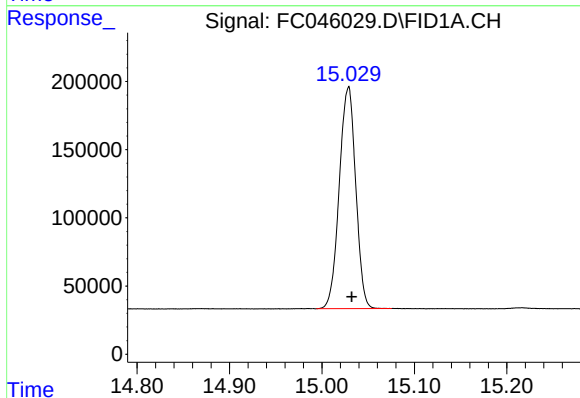
#12 1-chlorooctadecane (SURR)

R.T.: 13.183 min  
Delta R.T.: -0.002 min  
Response: 1745937  
Conc: 19.46 ug/ml



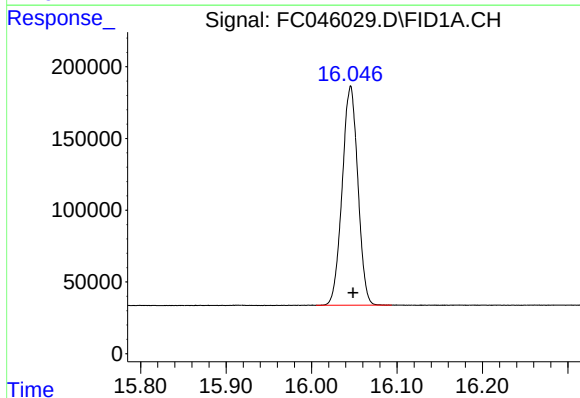
#13 n-Docosane (C22)

R.T.: 13.930 min  
Delta R.T.: -0.004 min  
Response: 2051651  
Conc: 19.31 ug/ml



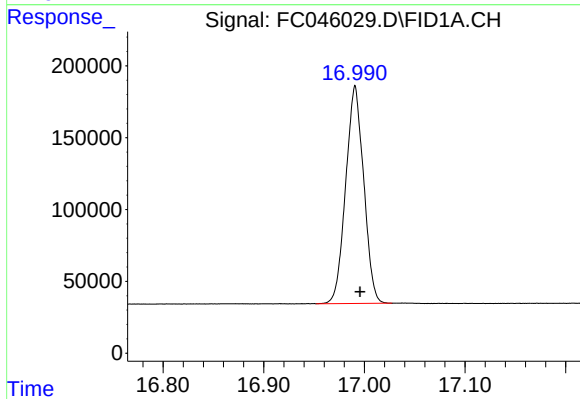
#14 n-Tetracosane (C24)

R.T.: 15.029 min  
Delta R.T.: -0.004 min  
Response: 2011144  
Conc: 18.79 ug/ml



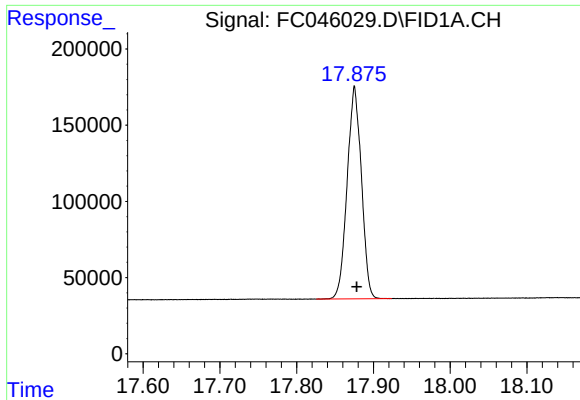
#15 n-Hexacosane (C26)

R.T.: 16.046 min  
Delta R.T.: -0.003 min  
Response: 1946878  
Conc: 18.32 ug/ml



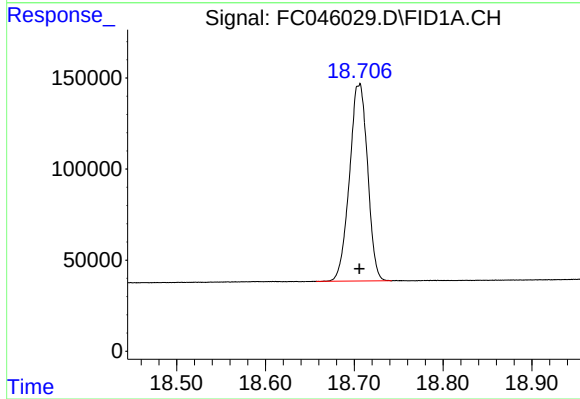
#16 n-Octacosane (C28)

R.T.: 16.991 min  
Delta R.T.: -0.005 min  
Response: 1881064  
Conc: 17.97 ug/ml



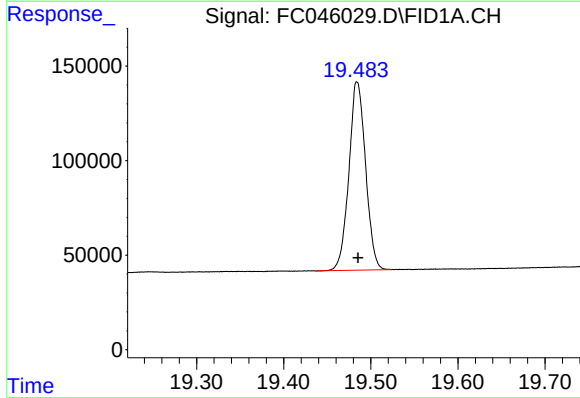
#17 n-Tricontane (C30)

R.T.: 17.875 min  
Delta R.T.: -0.003 min  
Response: 1797174  
Conc: 17.83 ug/ml



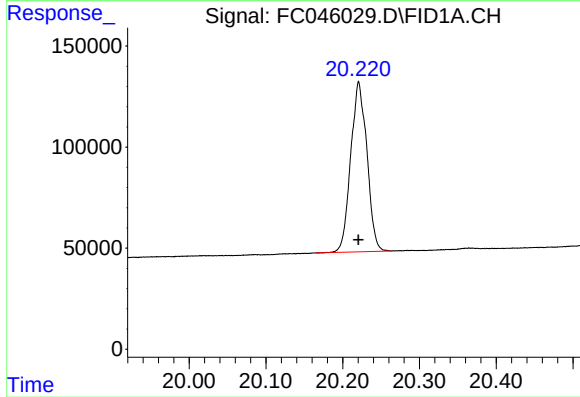
#18 n-Dotriacontane (C32)

R.T.: 18.706 min  
Delta R.T.: 0.000 min  
Response: 1529416  
Conc: 17.87 ug/ml



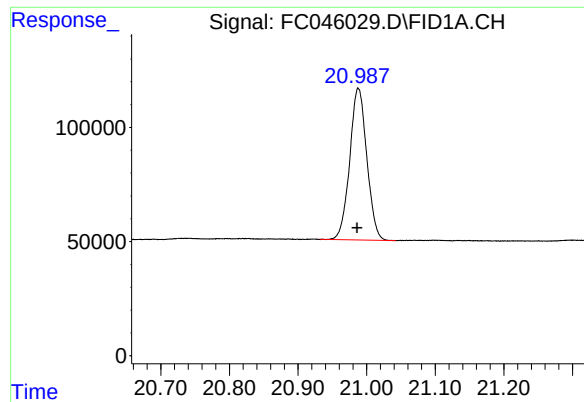
#19 n-Tetratriacontane (C34)

R.T.: 19.484 min  
Delta R.T.: -0.001 min  
Response: 1324664  
Conc: 18.25 ug/ml



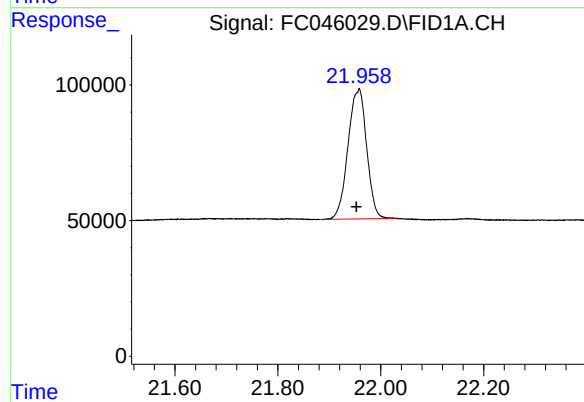
#20 n-Hexatriacontane (C36)

R.T.: 20.221 min  
Delta R.T.: 0.000 min  
Response: 1232393  
Conc: 18.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.988 min  
Delta R.T.: 0.002 min  
Response: 1149476  
Conc: 19.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.958 min  
Delta R.T.: 0.005 min  
Response: 1202667  
Conc: 19.13 ug/ml