

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100318AL\  
 Data File : FC036631.D  
 Signal(s) : FID1A.CH  
 Acq On : 03 Oct 2018 11:37  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 04 01:31:41 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Aliphatic EPH 092118.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 21 15:20:52 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)    | 11.382 | 2353227    | 19.355 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.71%        |
| 12) S 1-chlorooctadecane (S... | 12.823 | 1763046    | 18.724 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.45%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.190  | 1701236    | 19.092 ug/ml  |
| 2) T n-Decane (C10)            | 4.256  | 1761999    | 19.600 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 5.825  | 2157774    | 21.528 ug/mlm |
| 4) T n-Dodecane (C12)          | 6.266  | 1900842    | 20.396 ug/mlm |
| 5) T A~2-methylnaphthalene...  | 6.876  | 2289240    | 22.770 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.051  | 2056900    | 21.028 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.644  | 2063338    | 20.077 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.079 | 2054904    | 18.922 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.383 | 2063723    | 18.656 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.992 | 2051935    | 18.670 ug/ml  |
| 13) T n-Docosane (C22)         | 13.576 | 2048288    | 18.760 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.675 | 2056503    | 18.836 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.692 | 2033225    | 18.821 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.639 | 2030713    | 18.405 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.522 | 2018726    | 17.349 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.354 | 2069771    | 17.749 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.136 | 2041927    | 18.222 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.871 | 1968108    | 18.588 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.581 | 1948904    | 18.437 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.417 | 1978305    | 18.425 ug/mlm |
| -----                          |        |            |               |

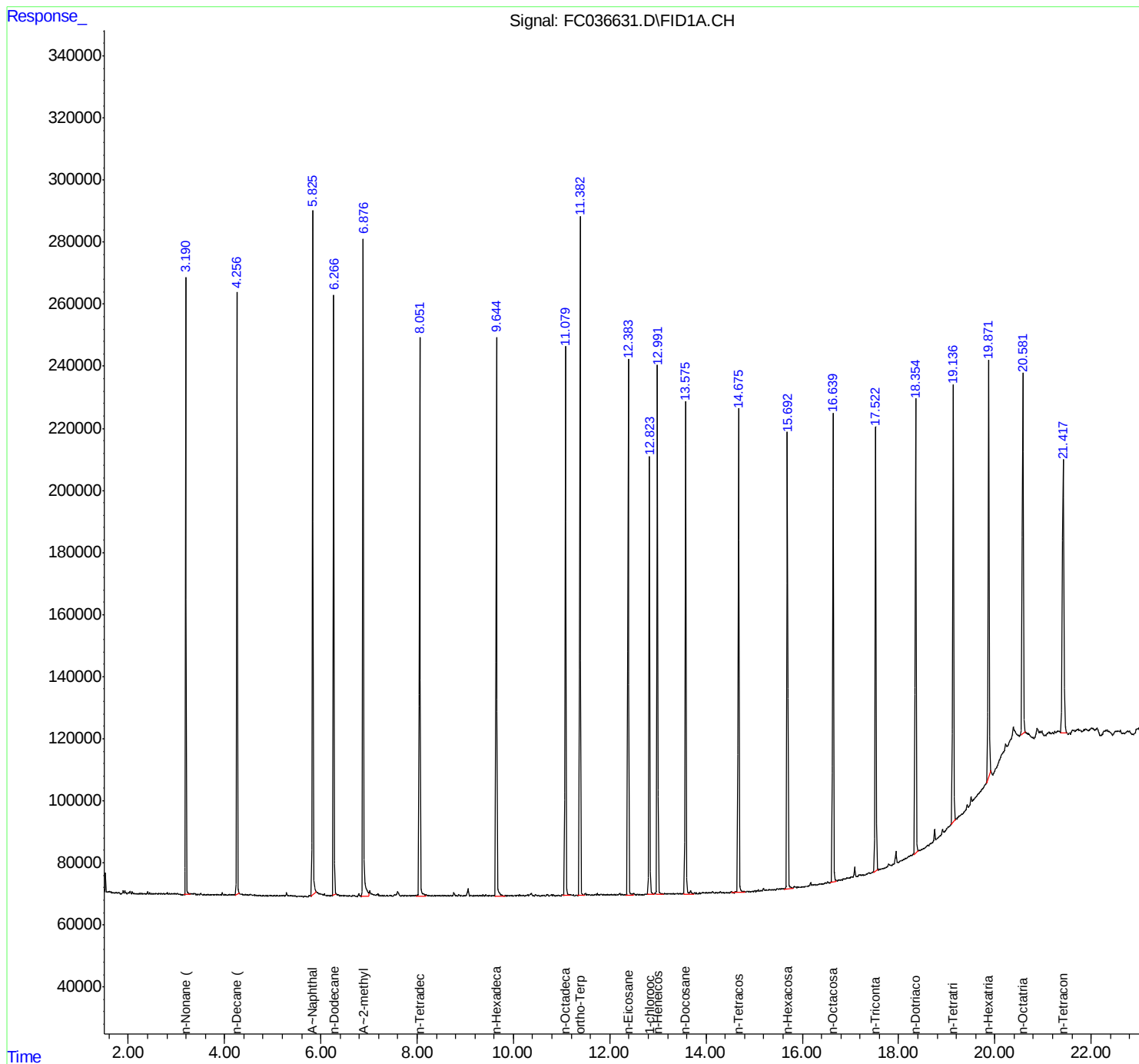
(f)=RT Delta > 1/2 Window

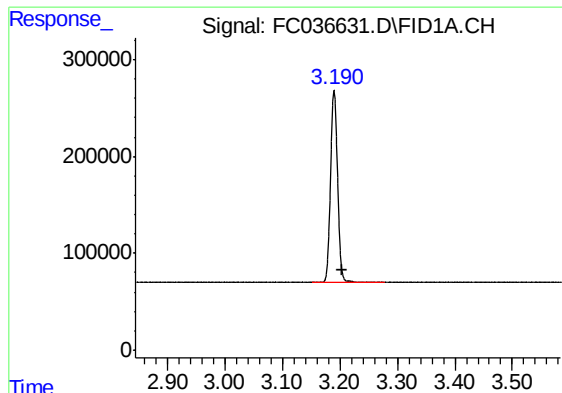
(m)=manual int.

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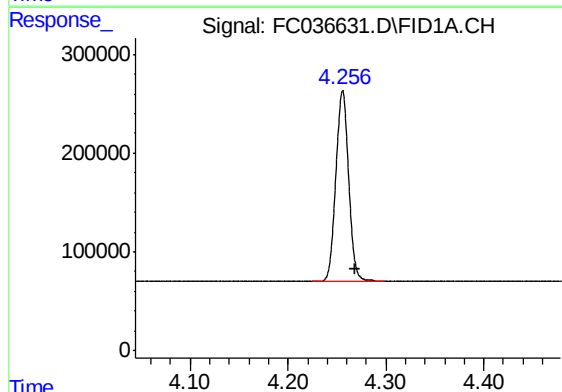
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





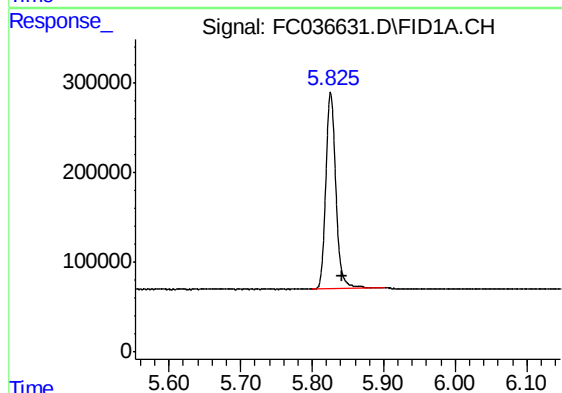
#1 n-Nonane (C9)

R.T.: 3.190 min  
Delta R.T.: -0.013 min  
Response: 1701236  
Conc: 19.09 ug/ml



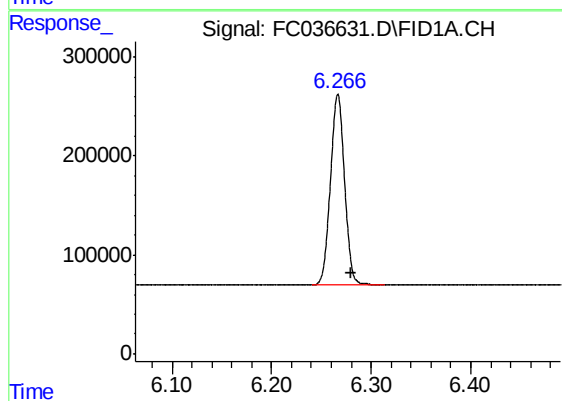
#2 n-Decane (C10)

R.T.: 4.256 min  
Delta R.T.: -0.013 min  
Response: 1761999  
Conc: 19.60 ug/ml m



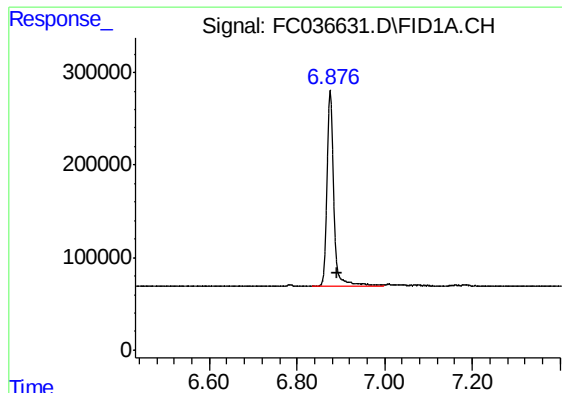
#3 A~Naphthalene (C11.7)

R.T.: 5.825 min  
Delta R.T.: -0.016 min  
Response: 2157774  
Conc: 21.53 ug/ml m



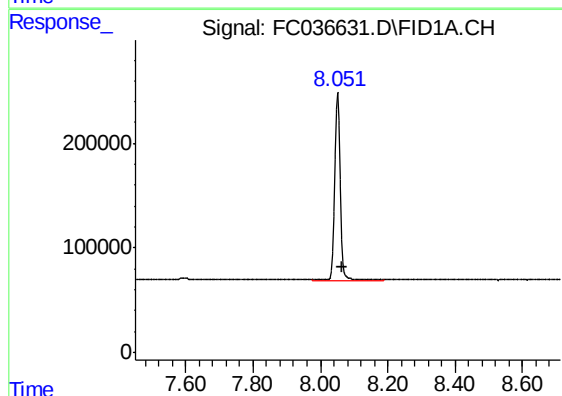
#4 n-Dodecane (C12)

R.T.: 6.266 min  
Delta R.T.: -0.013 min  
Response: 1900842  
Conc: 20.40 ug/ml m



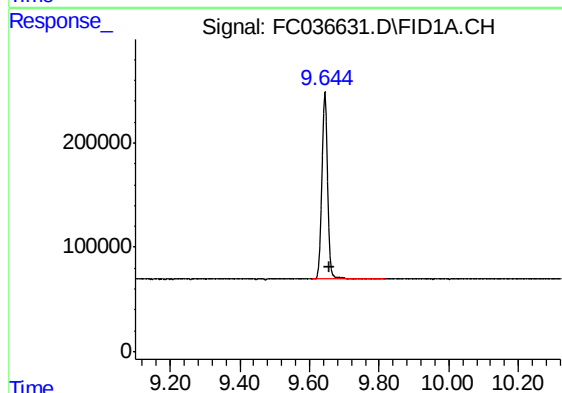
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.876 min  
Delta R.T.: -0.015 min  
Response: 2289240  
Conc: 22.77 ug/ml



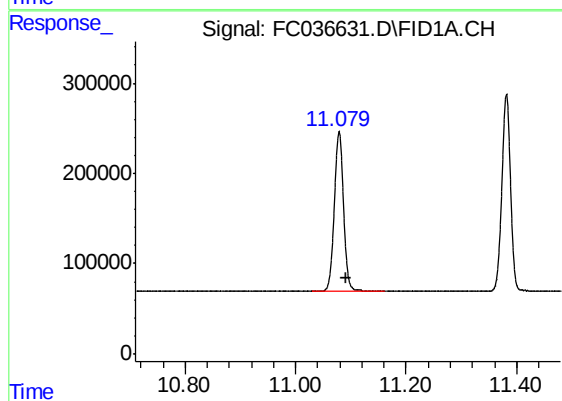
#6 n-Tetradecane (C14)

R.T.: 8.051 min  
Delta R.T.: -0.014 min  
Response: 2056900  
Conc: 21.03 ug/ml



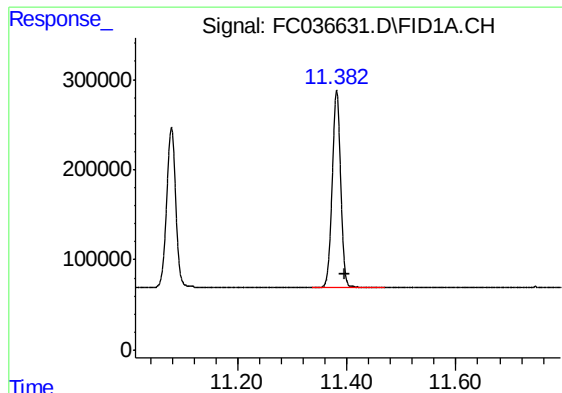
#7 n-Hexadecane (C16)

R.T.: 9.644 min  
Delta R.T.: -0.013 min  
Response: 2063338  
Conc: 20.08 ug/ml



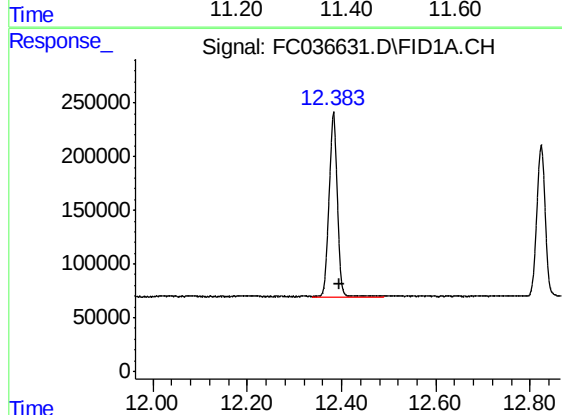
#8 n-Octadecane (C18)

R.T.: 11.079 min  
Delta R.T.: -0.012 min  
Response: 2054904  
Conc: 18.92 ug/ml



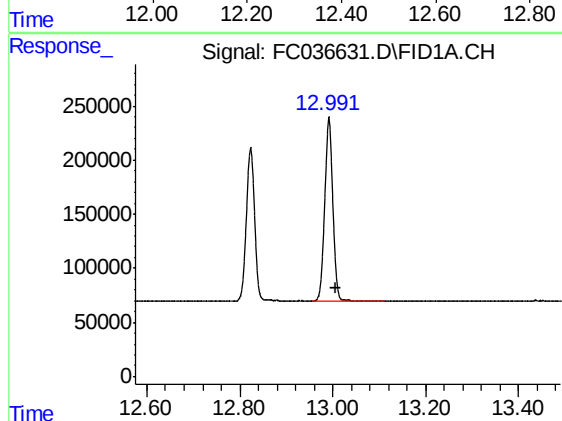
#9 ortho-Terphenyl (SURR)

R.T.: 11.382 min  
Delta R.T.: -0.014 min  
Response: 2353227  
Conc: 19.35 ug/ml



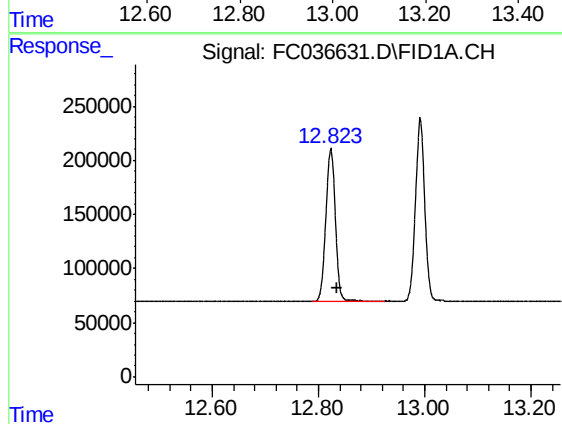
#10 n-Eicosane (C20)

R.T.: 12.383 min  
Delta R.T.: -0.013 min  
Response: 2063723  
Conc: 18.66 ug/ml



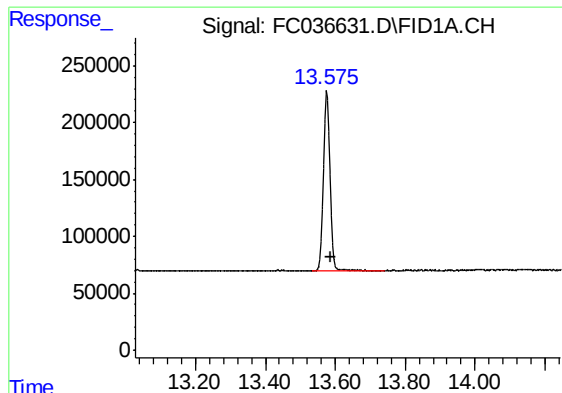
#11 n-Heneicosane (C21)

R.T.: 12.992 min  
Delta R.T.: -0.013 min  
Response: 2051935  
Conc: 18.67 ug/ml



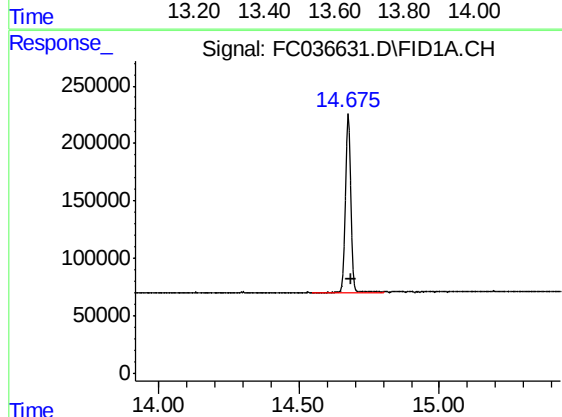
#12 1-chlorooctadecane (SURR)

R.T.: 12.823 min  
Delta R.T.: -0.012 min  
Response: 1763046  
Conc: 18.72 ug/ml



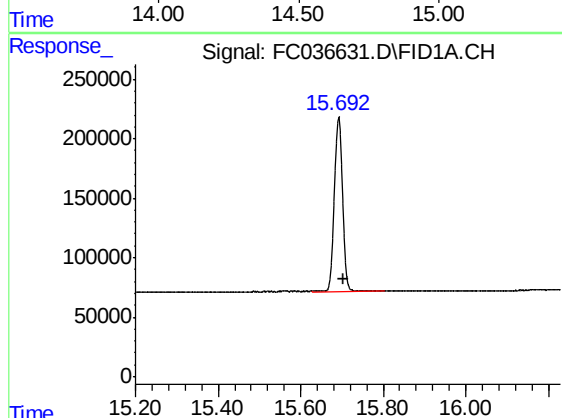
#13 n-Docosane (C22)

R.T.: 13.576 min  
Delta R.T.: -0.013 min  
Response: 2048288  
Conc: 18.76 ug/ml



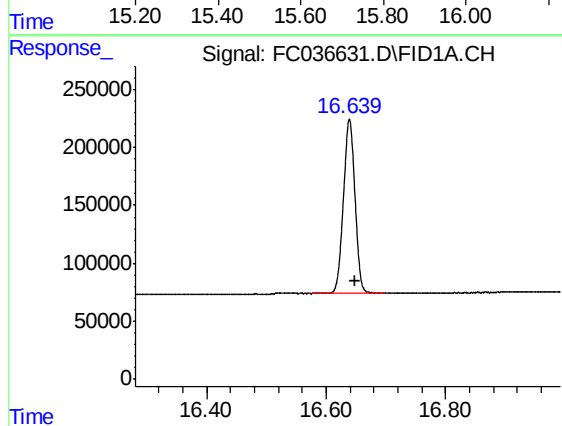
#14 n-Tetracosane (C24)

R.T.: 14.675 min  
Delta R.T.: -0.011 min  
Response: 2056503  
Conc: 18.84 ug/ml



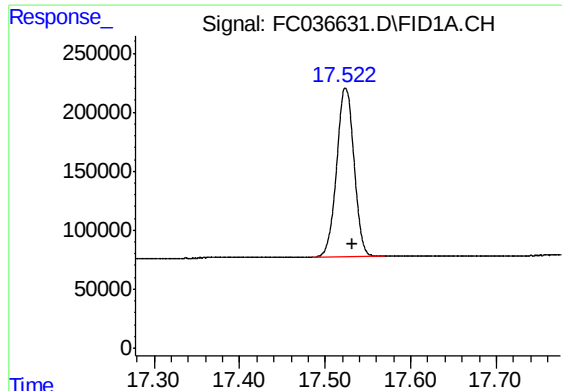
#15 n-Hexacosane (C26)

R.T.: 15.692 min  
Delta R.T.: -0.012 min  
Response: 2033225  
Conc: 18.82 ug/ml



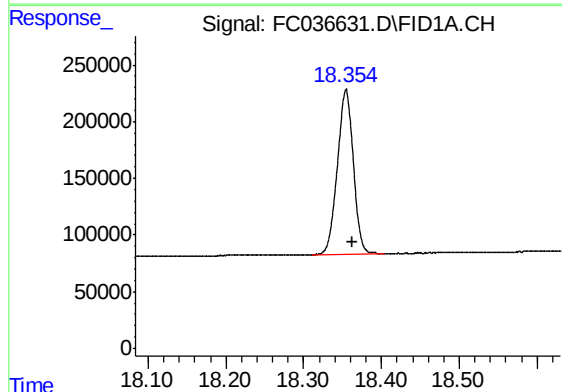
#16 n-Octacosane (C28)

R.T.: 16.639 min  
Delta R.T.: -0.010 min  
Response: 2030713  
Conc: 18.41 ug/ml



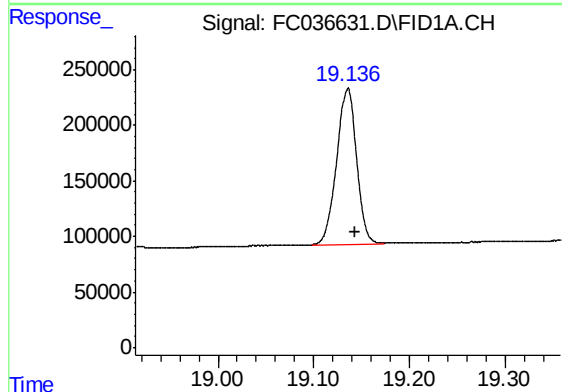
#17 n-Tricontane (C30)

R.T.: 17.522 min  
Delta R.T.: -0.010 min  
Response: 2018726  
Conc: 17.35 ug/ml m



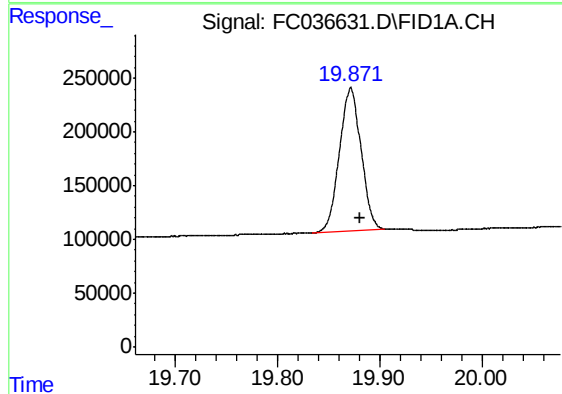
#18 n-Dotriacontane (C32)

R.T.: 18.354 min  
Delta R.T.: -0.008 min  
Response: 2069771  
Conc: 17.75 ug/ml m



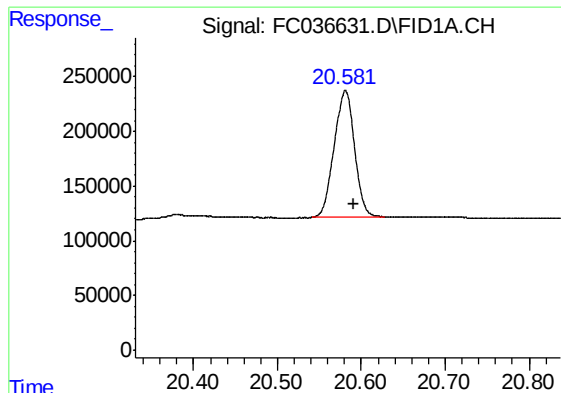
#19 n-Tetatriacontane (C34)

R.T.: 19.136 min  
Delta R.T.: -0.008 min  
Response: 2041927  
Conc: 18.22 ug/ml m



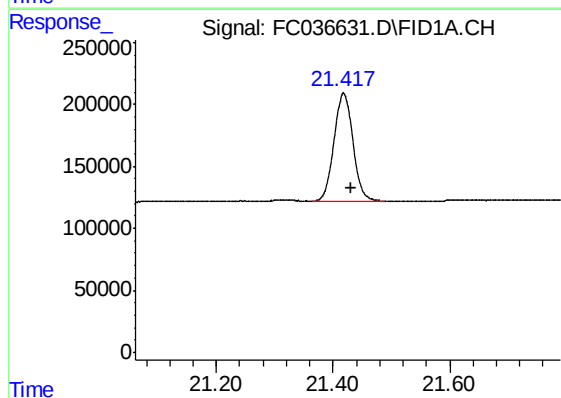
#20 n-Hexatriacontane (C36)

R.T.: 19.871 min  
Delta R.T.: -0.009 min  
Response: 1968108  
Conc: 18.59 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.581 min  
Delta R.T.: -0.010 min  
Response: 1948904  
Conc: 18.44 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.417 min  
Delta R.T.: -0.014 min  
Response: 1978305  
Conc: 18.43 ug/ml m