

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC082118AL\  
 Data File : FC036011.D  
 Signal(s) : FID1A.CH  
 Acq On : 22 Aug 2018 6:01  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 22 06:50:19 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 082118.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 21 16:09:01 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)    | 11.419 | 2749994    | 24.663 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 49.33%        |
| 12) S 1-chlorooctadecane (S... | 12.859 | 1952510    | 23.925 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 47.85%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.216  | 2039337    | 22.704 ug/ml  |
| 2) T n-Decane (C10)            | 4.284  | 2083025    | 23.142 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.858  | 2480074    | 24.643 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.298  | 2156938    | 23.258 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.908  | 2481537    | 24.645 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.084  | 2201311    | 23.190 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.677  | 2209901    | 23.216 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.114 | 2243632    | 22.839 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.418 | 2246637    | 23.249 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.027 | 2233670    | 23.730 ug/ml  |
| 13) T n-Docosane (C22)         | 13.611 | 2223519    | 23.876 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.710 | 2196413    | 24.019 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.728 | 2150862    | 23.979 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.673 | 2115991    | 23.253 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.559 | 2088632    | 21.706 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.388 | 2090846    | 22.143 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.170 | 2038220    | 23.016 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.907 | 1935301    | 22.844 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.618 | 1866619    | 22.385 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.469 | 1863960    | 22.198 ug/ml  |
| -----                          |        |            |               |

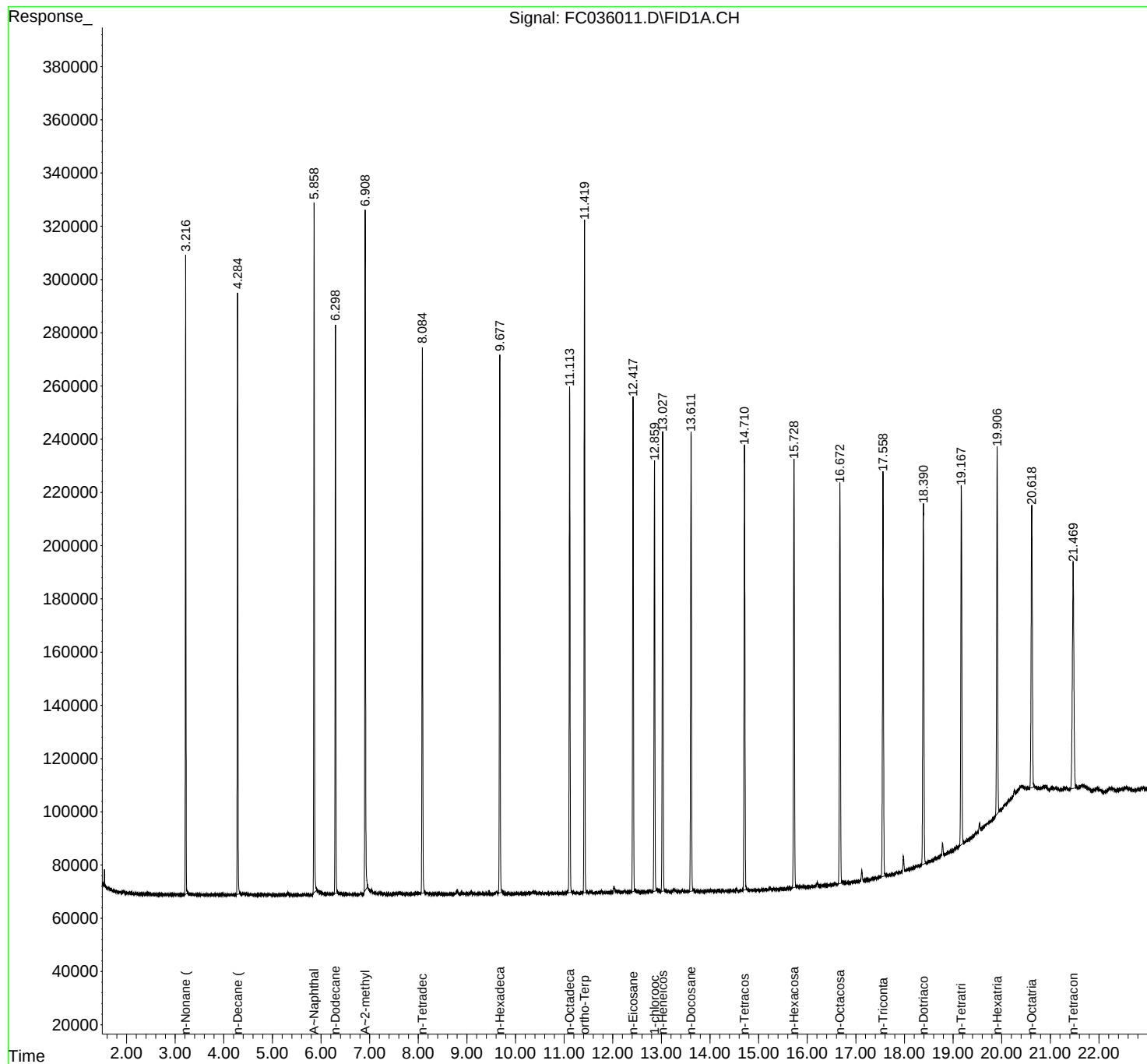
(f)=RT Delta > 1/2 Window

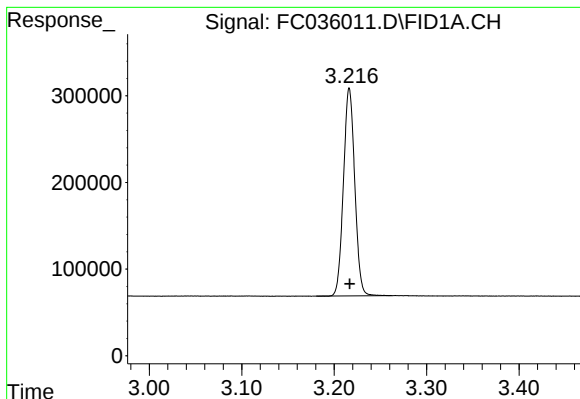
(m)=manual int.

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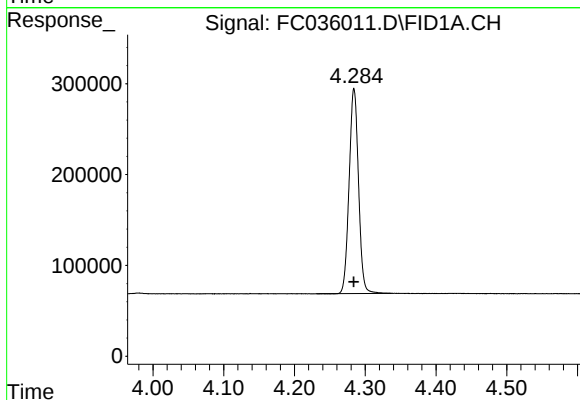
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





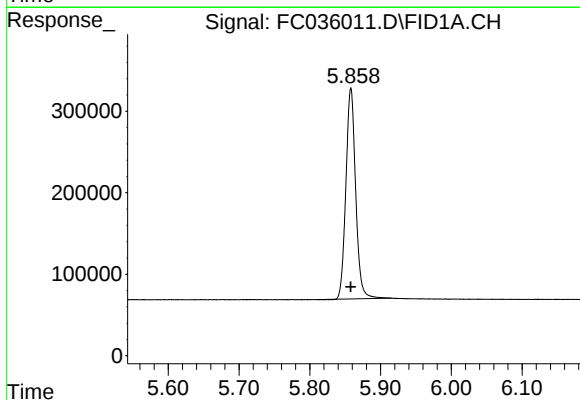
#1 n-Nonane (C9)

R.T.: 3.216 min  
Delta R.T.: 0.000 min  
Response: 2039337  
Conc: 22.70 ug/ml



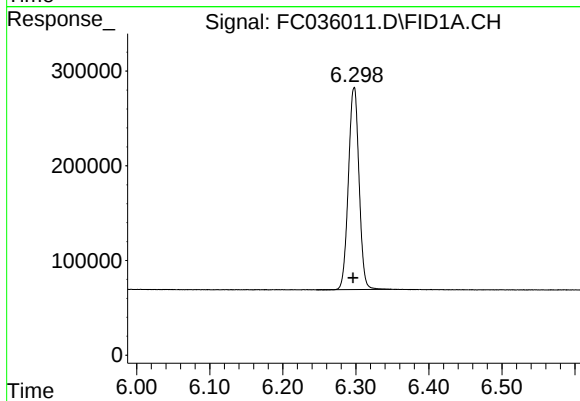
#2 n-Decane (C10)

R.T.: 4.284 min  
Delta R.T.: 0.000 min  
Response: 2083025  
Conc: 23.14 ug/ml



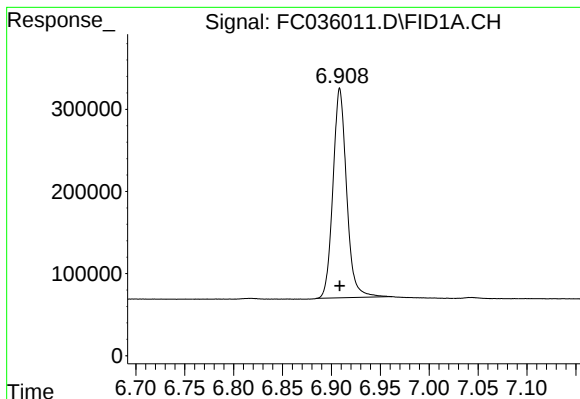
#3 A~Naphthalene (C11.7)

R.T.: 5.858 min  
Delta R.T.: 0.000 min  
Response: 2480074  
Conc: 24.64 ug/ml



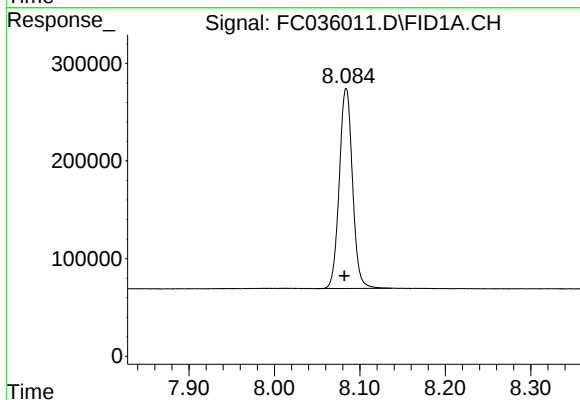
#4 n-Dodecane (C12)

R.T.: 6.298 min  
Delta R.T.: 0.002 min  
Response: 2156938  
Conc: 23.26 ug/ml



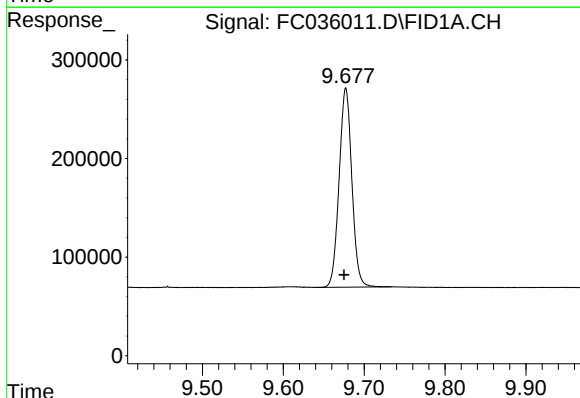
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.908 min  
Delta R.T.: 0.000 min  
Response: 2481537  
Conc: 24.65 ug/ml m



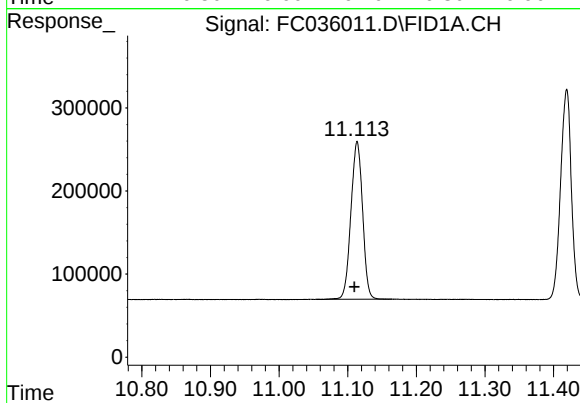
#6 n-Tetradecane (C14)

R.T.: 8.084 min  
Delta R.T.: 0.002 min  
Response: 2201311  
Conc: 23.19 ug/ml



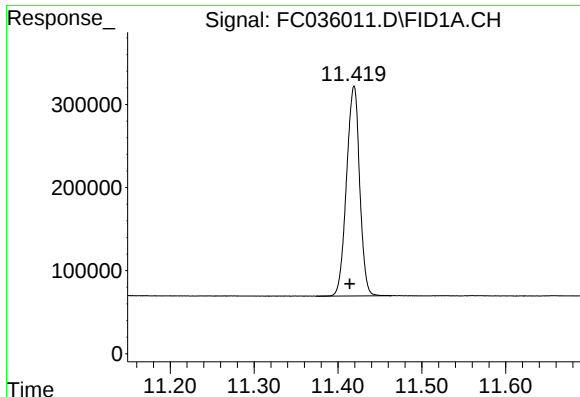
#7 n-Hexadecane (C16)

R.T.: 9.677 min  
Delta R.T.: 0.002 min  
Response: 2209901  
Conc: 23.22 ug/ml



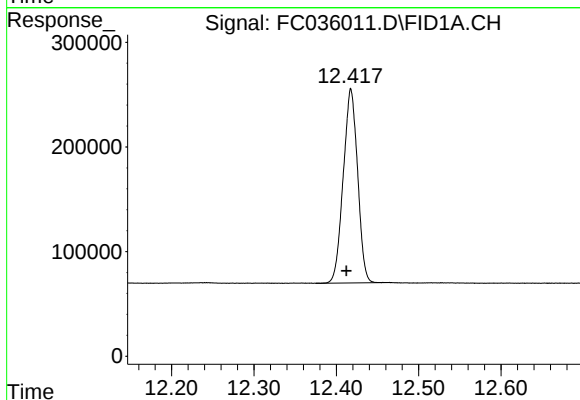
#8 n-Octadecane (C18)

R.T.: 11.114 min  
Delta R.T.: 0.004 min  
Response: 2243632  
Conc: 22.84 ug/ml



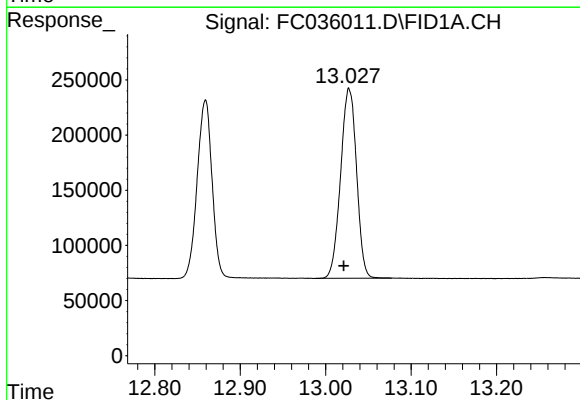
#9 ortho-Terphenyl (SURR)

R.T.: 11.419 min  
Delta R.T.: 0.005 min  
Response: 2749994  
Conc: 24.66 ug/ml



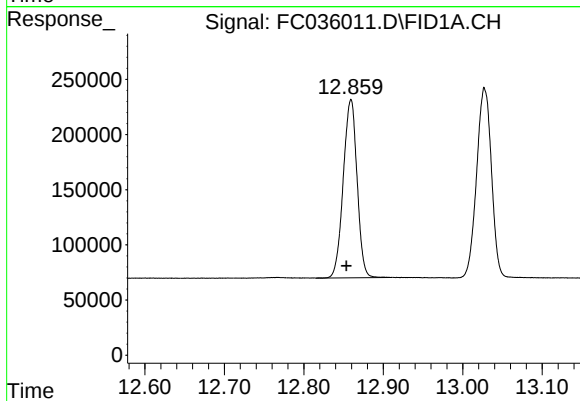
#10 n-Eicosane (C20)

R.T.: 12.418 min  
Delta R.T.: 0.005 min  
Response: 2246637  
Conc: 23.25 ug/ml



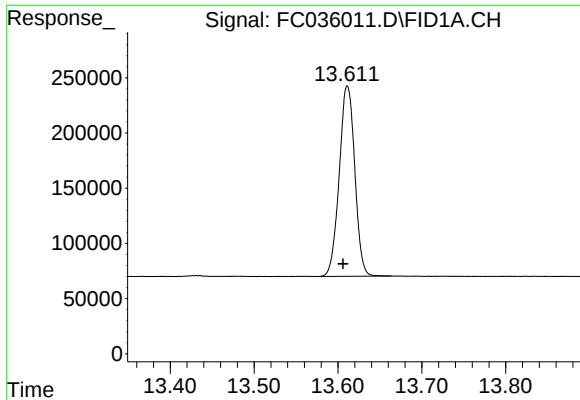
#11 n-Heneicosane (C21)

R.T.: 13.027 min  
Delta R.T.: 0.006 min  
Response: 2233670  
Conc: 23.73 ug/ml



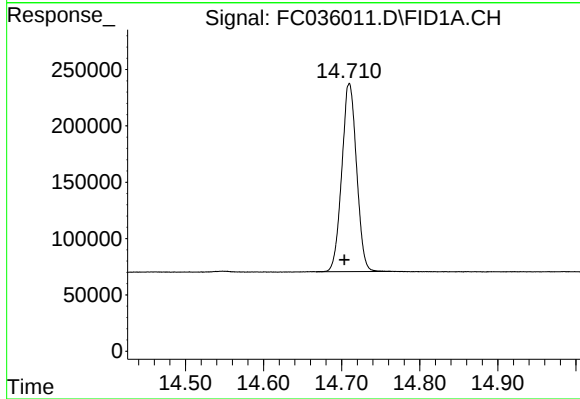
#12 1-chlorooctadecane (SURR)

R.T.: 12.859 min  
Delta R.T.: 0.006 min  
Response: 1952510  
Conc: 23.92 ug/ml



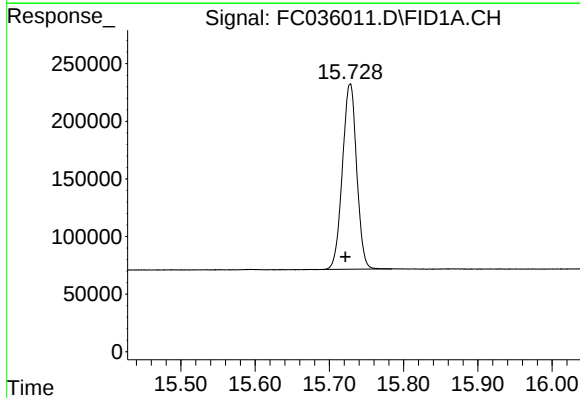
#13 n-Docosane (C22)

R.T.: 13.611 min  
Delta R.T.: 0.005 min  
Response: 2223519  
Conc: 23.88 ug/ml



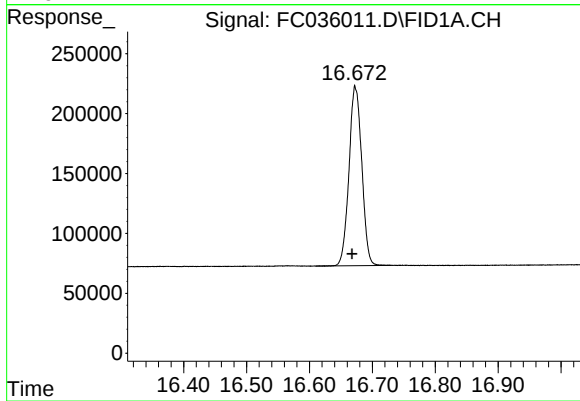
#14 n-Tetracosane (C24)

R.T.: 14.710 min  
Delta R.T.: 0.006 min  
Response: 2196413  
Conc: 24.02 ug/ml



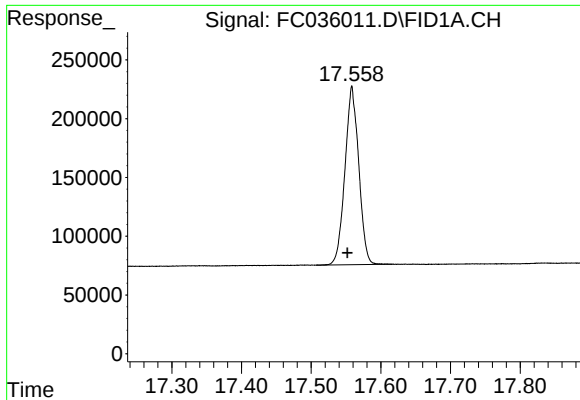
#15 n-Hexacosane (C26)

R.T.: 15.728 min  
Delta R.T.: 0.006 min  
Response: 2150862  
Conc: 23.98 ug/ml



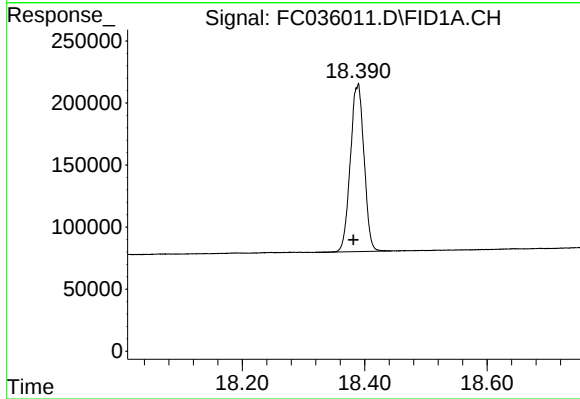
#16 n-Octacosane (C28)

R.T.: 16.673 min  
Delta R.T.: 0.006 min  
Response: 2115991  
Conc: 23.25 ug/ml



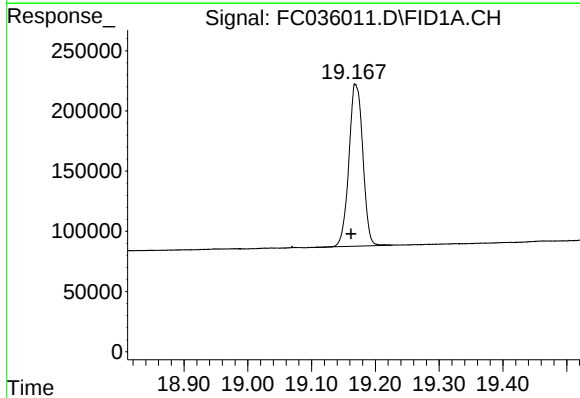
#17 n-Tricontane (C30)

R.T.: 17.559 min  
Delta R.T.: 0.007 min  
Response: 2088632  
Conc: 21.71 ug/ml



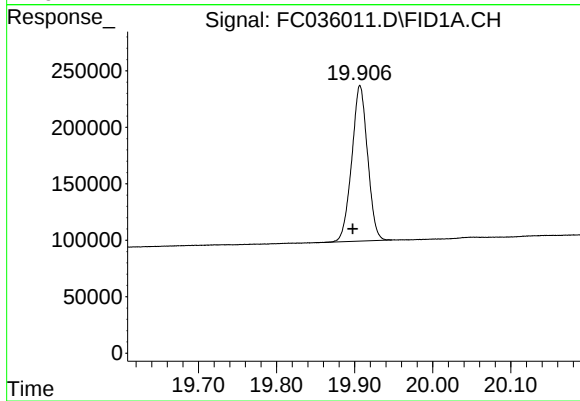
#18 n-Dotriacontane (C32)

R.T.: 18.388 min  
Delta R.T.: 0.007 min  
Response: 2090846  
Conc: 22.14 ug/ml



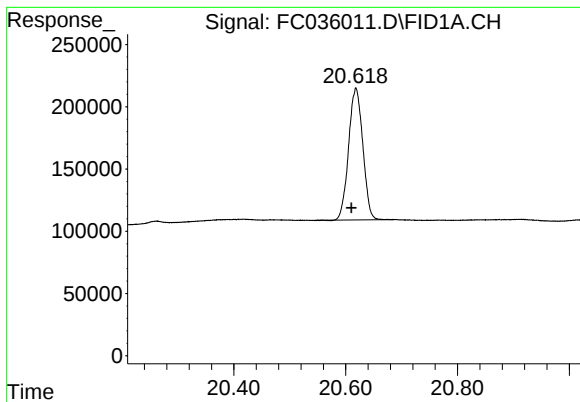
#19 n-Tetratriacontane (C34)

R.T.: 19.170 min  
Delta R.T.: 0.008 min  
Response: 2038220  
Conc: 23.02 ug/ml



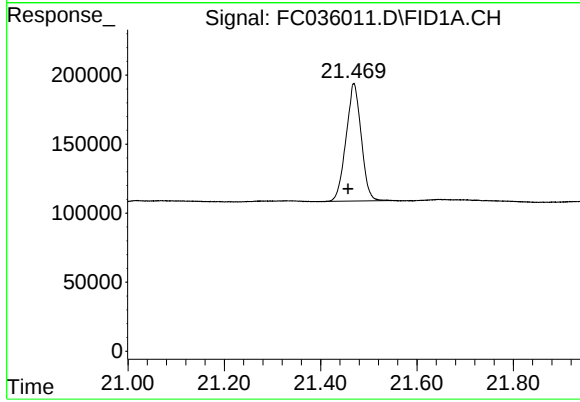
#20 n-Hexatriacontane (C36)

R.T.: 19.907 min  
Delta R.T.: 0.009 min  
Response: 1935301  
Conc: 22.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.618 min  
Delta R.T.: 0.008 min  
Response: 1866619  
Conc: 22.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.469 min  
Delta R.T.: 0.012 min  
Response: 1863960  
Conc: 22.20 ug/ml