

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD081319AL\  
 Data File : FD030013.D  
 Signal(s) : FID2B.CH  
 Acq On : 12 Aug 2019 9:58  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 13 03:26:36 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 080819.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 08 17:24:17 2019  
 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)    | 11.570 | 2454736    | 17.858 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.72%        |
| 12) S 1-chlorooctadecane (S... | 12.995 | 1984676    | 17.401 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 34.80%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.367  | 2301541    | 19.232 ug/ml  |
| 2) T n-Decane (C10)            | 4.430  | 2336081    | 19.209 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.010  | 2631209    | 19.112 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.439  | 2332368    | 19.127 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.062  | 2634655    | 19.050 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.226  | 2337942    | 18.954 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.818  | 2332957    | 18.684 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.252 | 2318472    | 18.134 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.552 | 2293881    | 17.668 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.161 | 2263411    | 17.428 ug/ml  |
| 13) T n-Docosane (C22)         | 13.743 | 2231518    | 17.090 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.838 | 2157853    | 16.441 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.851 | 2065685    | 16.016 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.794 | 1986986    | 15.660 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.674 | 1858486    | 15.336 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.499 | 1698782    | 15.150 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.276 | 1443126    | 16.276 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.008 | 1274027    | 17.142 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.726 | 1252314    | 18.814 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.600 | 1257192    | 17.798 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Title : GC Extractables

QLast Update : Thu Aug 08 17:24:17 2019

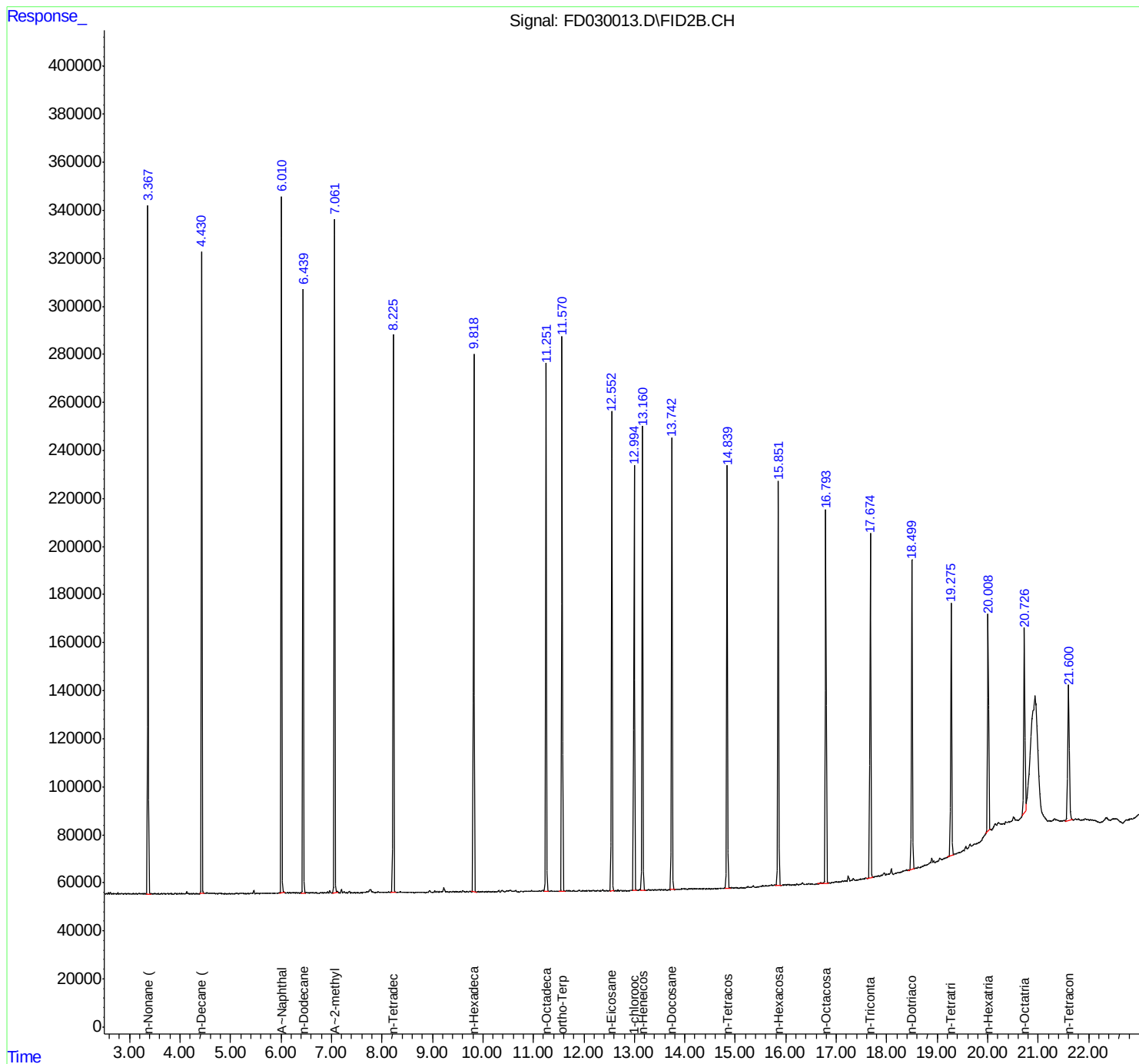
Response via : Initial Calibration

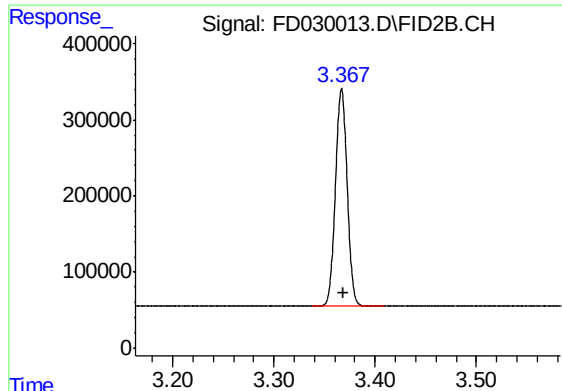
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

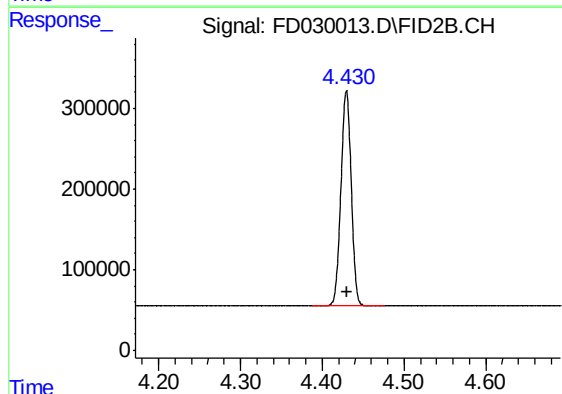
Signal Info : 20M x 0.18mm x 0.18um





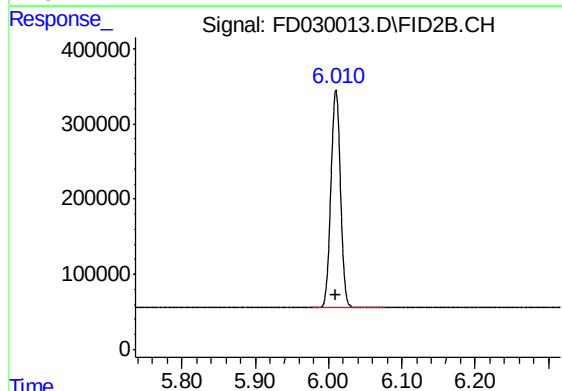
#1 n-Nonane (C9)

R.T.: 3.367 min  
Delta R.T.: -0.002 min  
Response: 2301541  
Conc: 19.23 ug/ml



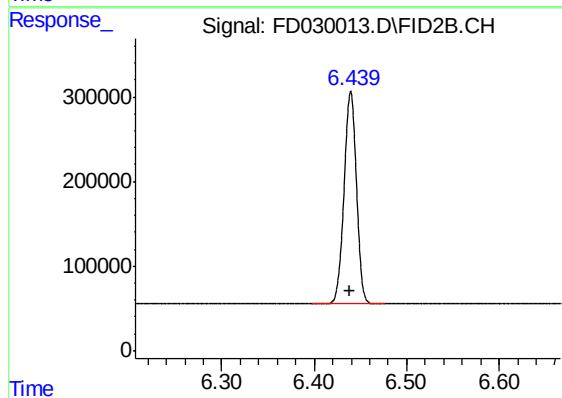
#2 n-Decane (C10)

R.T.: 4.430 min  
Delta R.T.: -0.001 min  
Response: 2336081  
Conc: 19.21 ug/ml



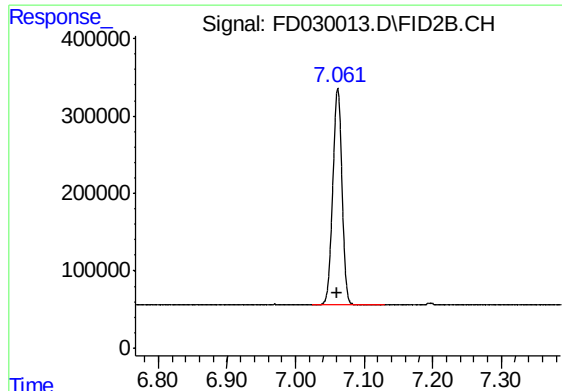
#3 A-Naphthalene (C11.7)

R.T.: 6.010 min  
Delta R.T.: 0.000 min  
Response: 2631209  
Conc: 19.11 ug/ml



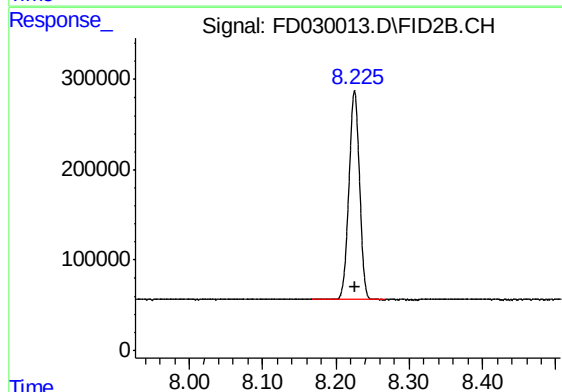
#4 n-Dodecane (C12)

R.T.: 6.439 min  
Delta R.T.: 0.000 min  
Response: 2332368  
Conc: 19.13 ug/ml



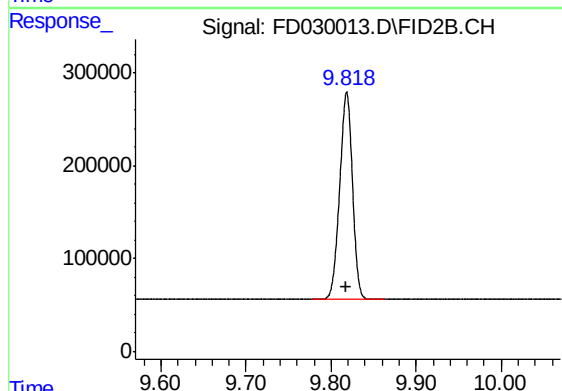
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.062 min  
Delta R.T.: 0.001 min  
Response: 2634655  
Conc: 19.05 ug/ml



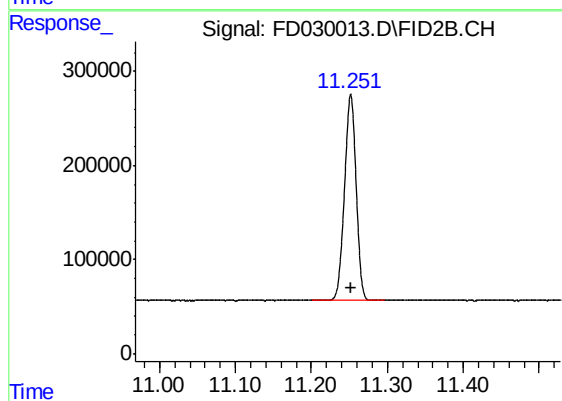
#6 n-Tetradecane (C14)

R.T.: 8.226 min  
Delta R.T.: 0.000 min  
Response: 2337942  
Conc: 18.95 ug/ml



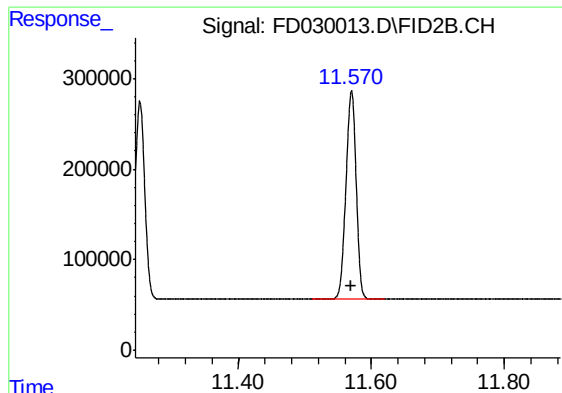
#7 n-Hexadecane (C16)

R.T.: 9.818 min  
Delta R.T.: 0.000 min  
Response: 2332957  
Conc: 18.68 ug/ml



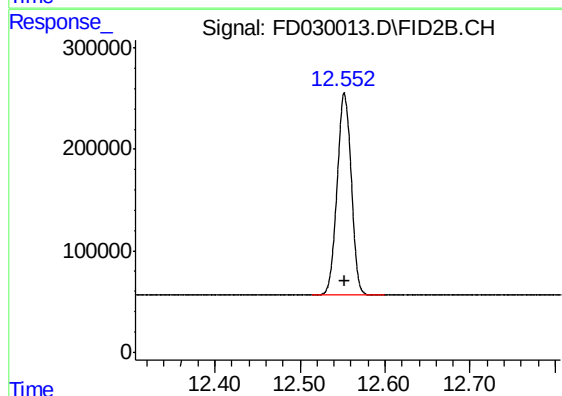
#8 n-Octadecane (C18)

R.T.: 11.252 min  
Delta R.T.: 0.000 min  
Response: 2318472  
Conc: 18.13 ug/ml



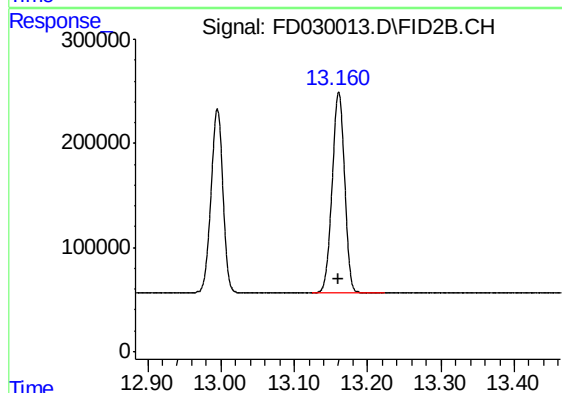
#9 ortho-Terphenyl (SURR)

R.T.: 11.570 min  
Delta R.T.: 0.001 min  
Response: 2454736  
Conc: 17.86 ug/ml



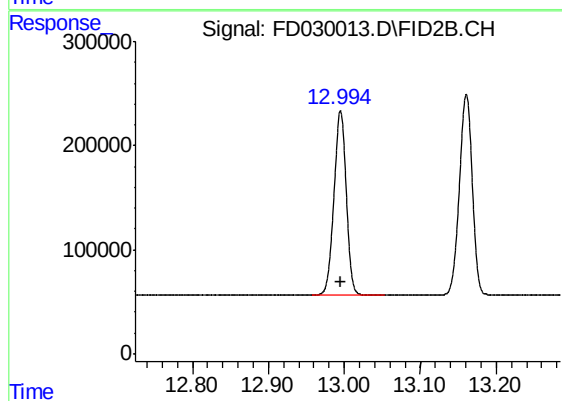
#10 n-Eicosane (C20)

R.T.: 12.552 min  
Delta R.T.: 0.000 min  
Response: 2293881  
Conc: 17.67 ug/ml



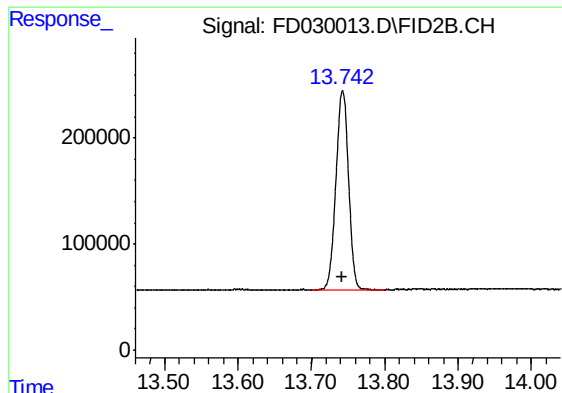
#11 n-Heneicosane (C21)

R.T.: 13.161 min  
Delta R.T.: 0.000 min  
Response: 2263411  
Conc: 17.43 ug/ml



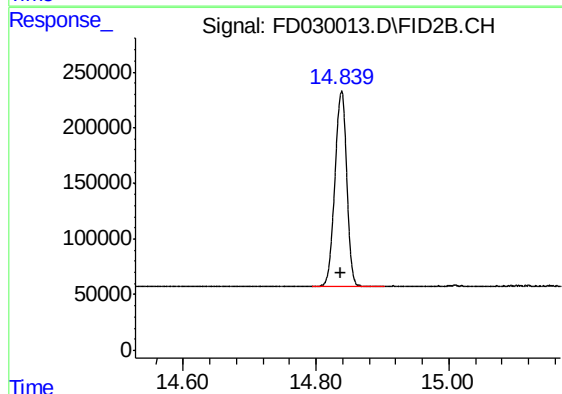
#12 1-chlorooctadecane (SURR)

R.T.: 12.995 min  
Delta R.T.: 0.000 min  
Response: 1984676  
Conc: 17.40 ug/ml



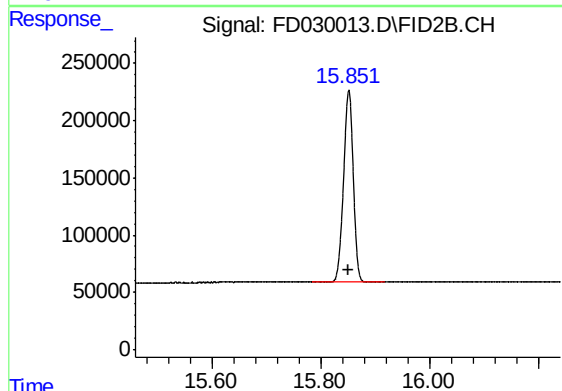
#13 n-Docosane (C22)

R.T.: 13.743 min  
Delta R.T.: 0.000 min  
Response: 2231518  
Conc: 17.09 ug/ml



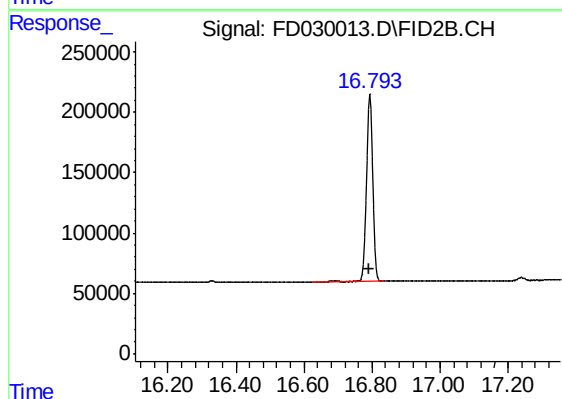
#14 n-Tetracosane (C24)

R.T.: 14.838 min  
Delta R.T.: 0.001 min  
Response: 2157853  
Conc: 16.44 ug/ml



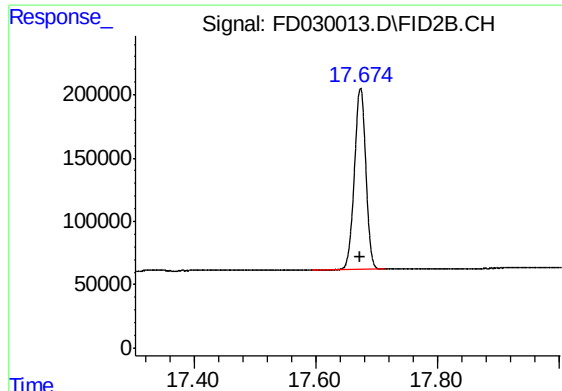
#15 n-Hexacosane (C26)

R.T.: 15.851 min  
Delta R.T.: 0.001 min  
Response: 2065685  
Conc: 16.02 ug/ml



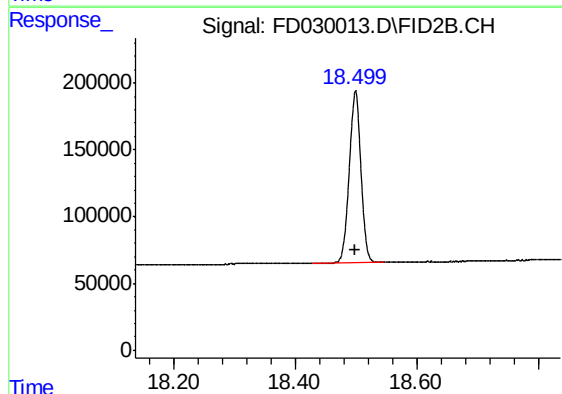
#16 n-Octacosane (C28)

R.T.: 16.794 min  
Delta R.T.: 0.000 min  
Response: 1986986  
Conc: 15.66 ug/ml



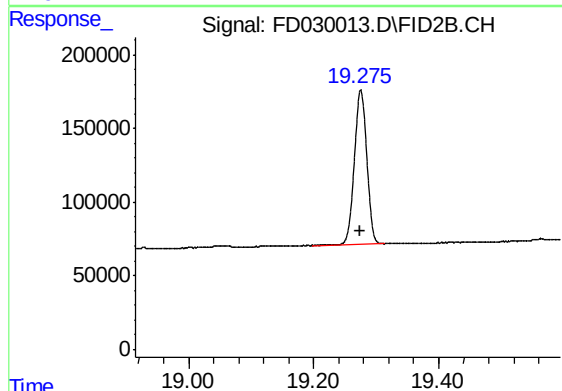
#17 n-Tricontane (C30)

R.T.: 17.674 min  
Delta R.T.: 0.002 min  
Response: 1858486  
Conc: 15.34 ug/ml



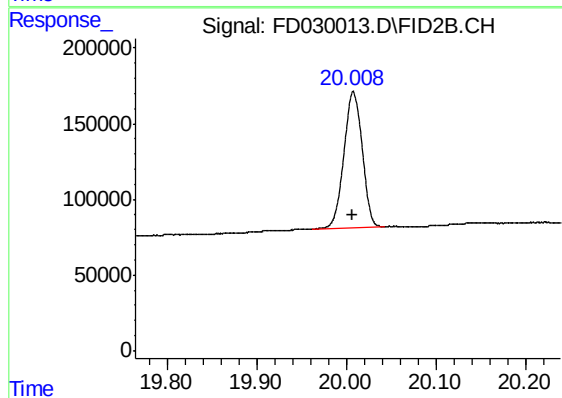
#18 n-Dotriacontane (C32)

R.T.: 18.499 min  
Delta R.T.: 0.001 min  
Response: 1698782  
Conc: 15.15 ug/ml



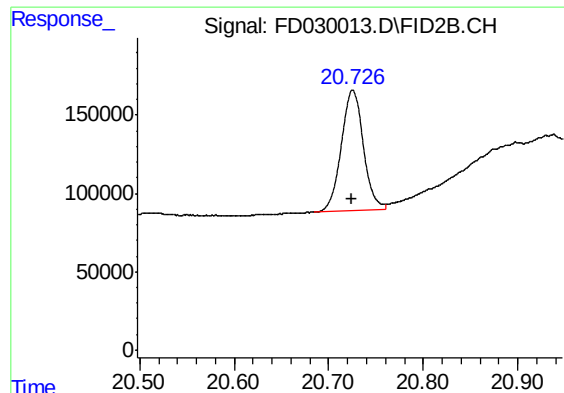
#19 n-Tetatriacontane (C34)

R.T.: 19.276 min  
Delta R.T.: 0.000 min  
Response: 1443126  
Conc: 16.28 ug/ml



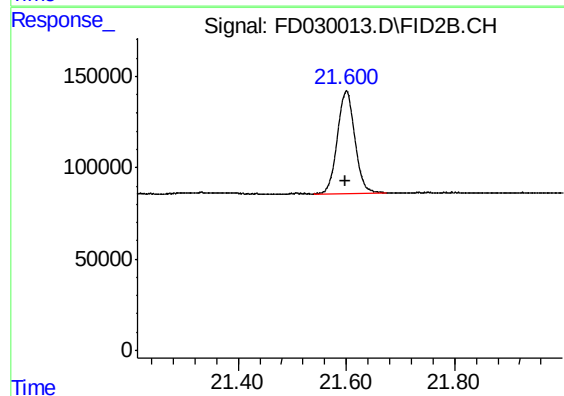
#20 n-Hexatriacontane (C36)

R.T.: 20.008 min  
Delta R.T.: 0.000 min  
Response: 1274027  
Conc: 17.14 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.726 min  
Delta R.T.: 0.000 min  
Response: 1252314  
Conc: 18.81 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.600 min  
Delta R.T.: 0.000 min  
Response: 1257192  
Conc: 17.80 ug/ml m