

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC111021AL\  
 Data File : FC056697.D  
 Signal(s) : FID1A.CH  
 Acq On : 10 Nov 2021 10:25  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Nov 11 00:39:32 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102121.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 21 01:00:25 2021  
 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)    | 11.612 | 2435921    | 19.673 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.35%        |
| 12) S 1-chlorooctadecane (S... | 13.043 | 1877479    | 19.512 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.02%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.373  | 2437466    | 22.520 ug/ml  |
| 2) T n-Decane (C10)            | 4.440  | 2448335    | 22.729 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.030  | 2703357    | 22.173 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.457  | 2465960    | 22.369 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.087  | 2687534    | 21.946 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.251  | 2448133    | 21.806 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.851  | 2422105    | 21.305 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.291 | 2414952    | 20.666 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.598 | 2304754    | 20.054 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.209 | 2271190    | 19.763 ug/ml  |
| 13) T n-Docosane (C22)         | 13.794 | 2200348    | 19.544 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.893 | 2123191    | 19.266 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.910 | 2015564    | 19.097 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.857 | 1986426    | 19.150 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.739 | 1961010    | 18.927 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.569 | 1945940    | 20.311 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.349 | 1964380    | 22.397 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.083 | 1952107    | 23.849 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.817 | 1913096    | 23.921 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.729 | 1955462    | 23.734 ug/ml  |
| -----                          |        |            |               |

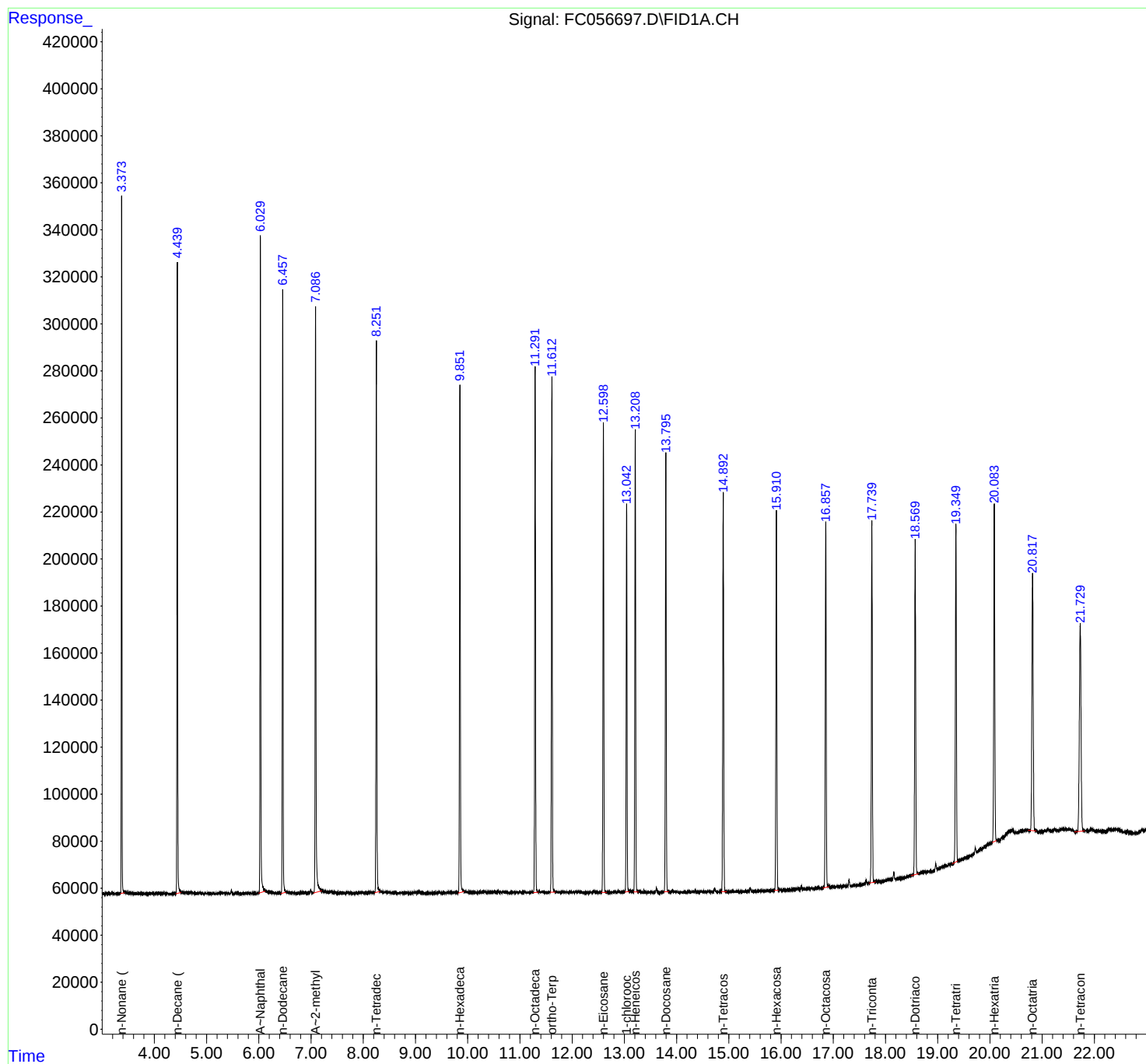
(f)=RT Delta > 1/2 Window

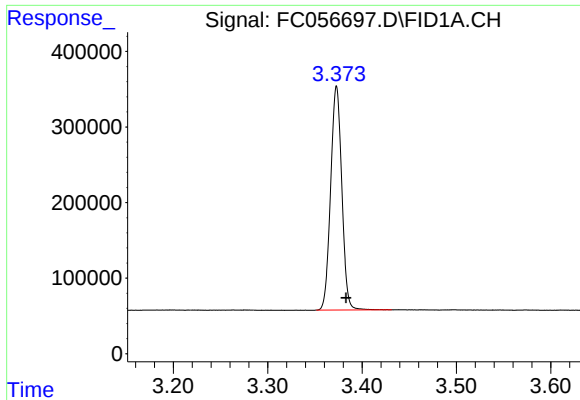
(m)=manual int.

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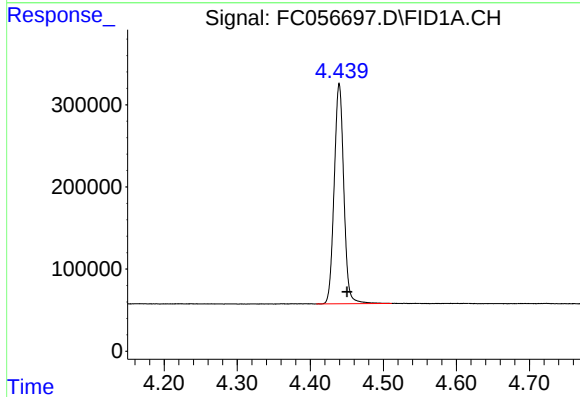
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Signal Info : 20M x 0.18mm x 0.18um





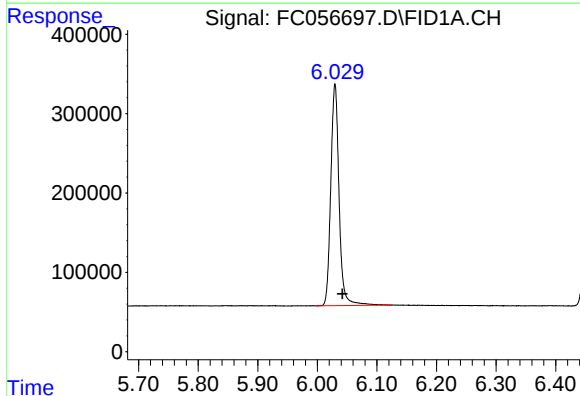
#1 n-Nonane (C9)

R.T.: 3.373 min  
Delta R.T.: -0.010 min  
Response: 2437466  
Conc: 22.52 ug/ml



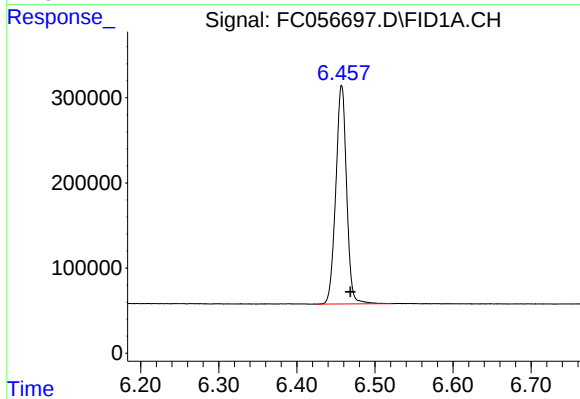
#2 n-Decane (C10)

R.T.: 4.440 min  
Delta R.T.: -0.011 min  
Response: 2448335  
Conc: 22.73 ug/ml



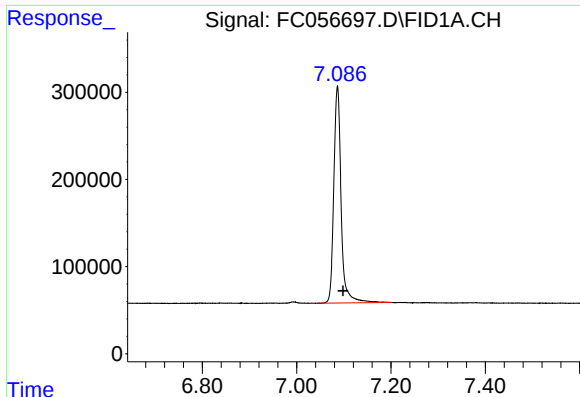
#3 A~Naphthalene (C11.7)

R.T.: 6.030 min  
Delta R.T.: -0.012 min  
Response: 2703357  
Conc: 22.17 ug/ml



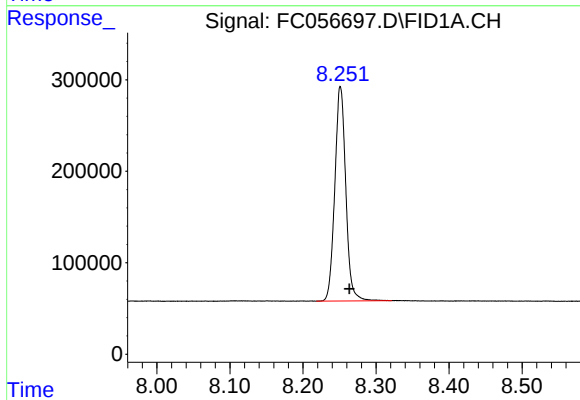
#4 n-Dodecane (C12)

R.T.: 6.457 min  
Delta R.T.: -0.011 min  
Response: 2465960  
Conc: 22.37 ug/ml



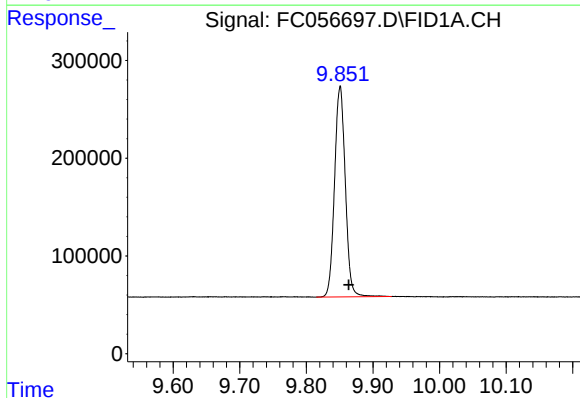
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.087 min  
Delta R.T.: -0.012 min  
Response: 2687534  
Conc: 21.95 ug/ml



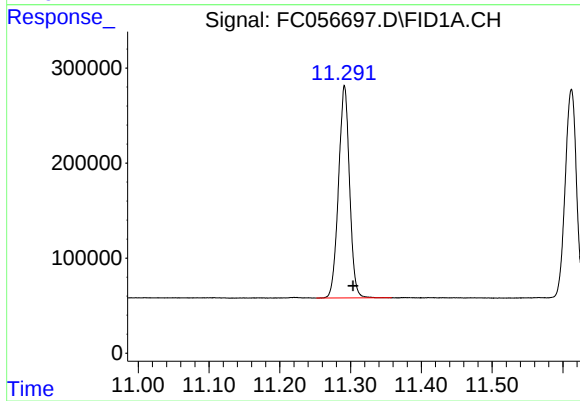
#6 n-Tetradecane (C14)

R.T.: 8.251 min  
Delta R.T.: -0.012 min  
Response: 2448133  
Conc: 21.81 ug/ml



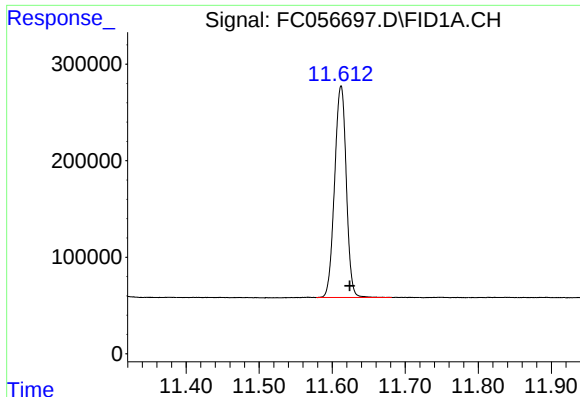
#7 n-Hexadecane (C16)

R.T.: 9.851 min  
Delta R.T.: -0.013 min  
Response: 2422105  
Conc: 21.30 ug/ml



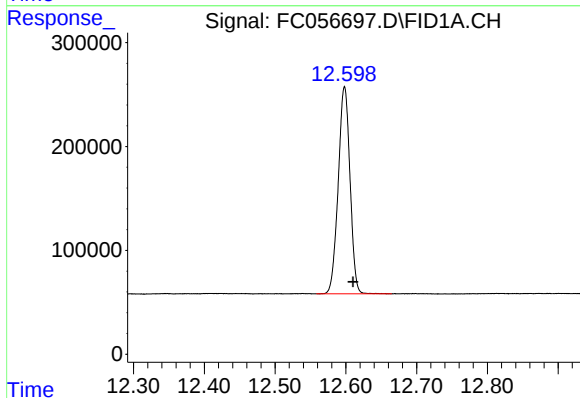
#8 n-Octadecane (C18)

R.T.: 11.291 min  
Delta R.T.: -0.012 min  
Response: 2414952  
Conc: 20.67 ug/ml



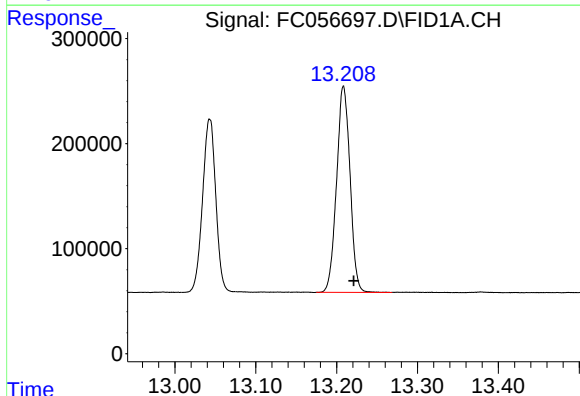
#9 ortho-Terphenyl (SURR)

R.T.: 11.612 min  
Delta R.T.: -0.012 min  
Response: 2435921  
Conc: 19.67 ug/ml



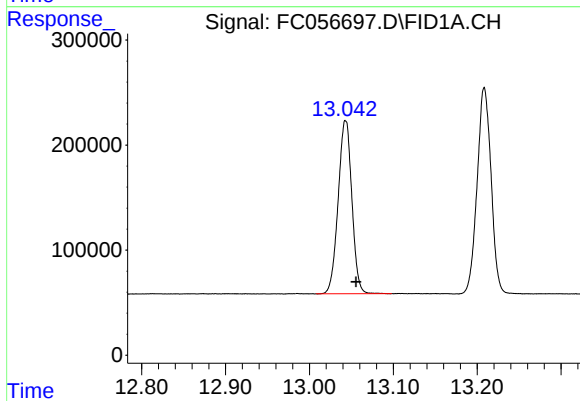
#10 n-Eicosane (C20)

R.T.: 12.598 min  
Delta R.T.: -0.012 min  
Response: 2304754  
Conc: 20.05 ug/ml



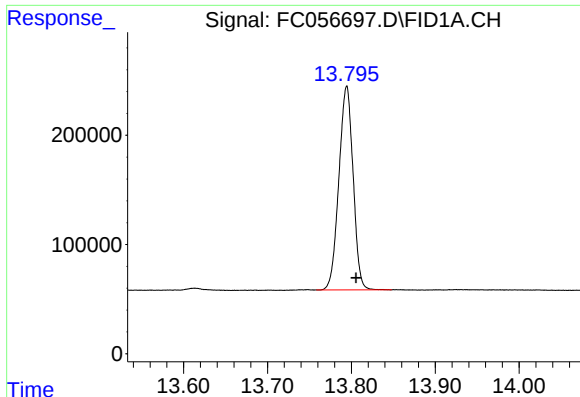
#11 n-Heneicosane (C21)

R.T.: 13.209 min  
Delta R.T.: -0.013 min  
Response: 2271190  
Conc: 19.76 ug/ml



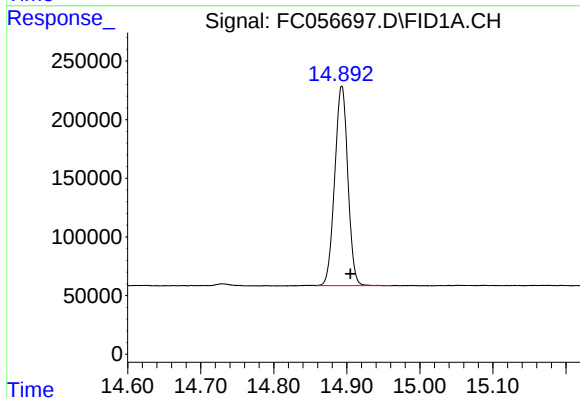
#12 1-chlorooctadecane (SURR)

R.T.: 13.043 min  
Delta R.T.: -0.013 min  
Response: 1877479  
Conc: 19.51 ug/ml



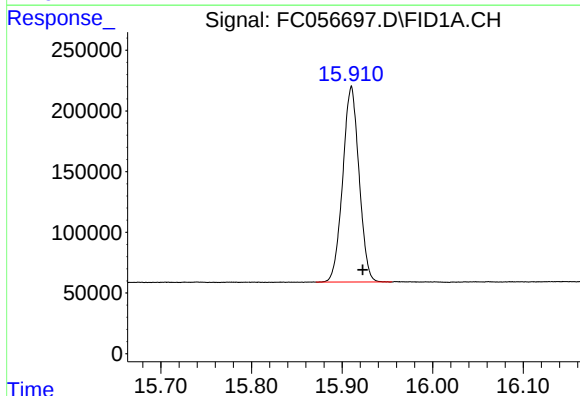
#13 n-Docosane (C22)

R.T.: 13.794 min  
Delta R.T.: -0.011 min  
Response: 2200348  
Conc: 19.54 ug/ml



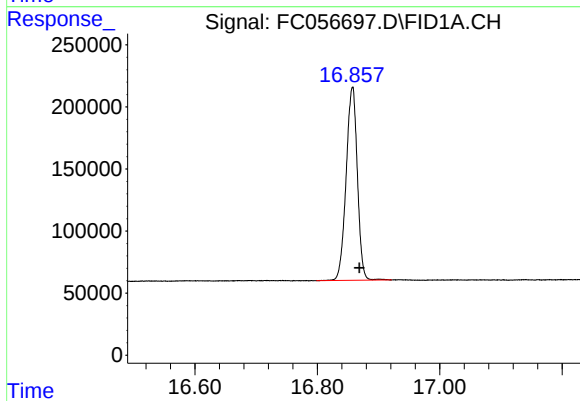
#14 n-Tetracosane (C24)

R.T.: 14.893 min  
Delta R.T.: -0.012 min  
Response: 2123191  
Conc: 19.27 ug/ml



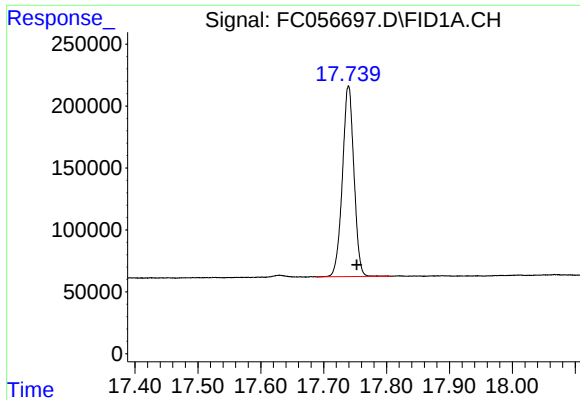
#15 n-Hexacosane (C26)

R.T.: 15.910 min  
Delta R.T.: -0.013 min  
Response: 2015564  
Conc: 19.10 ug/ml



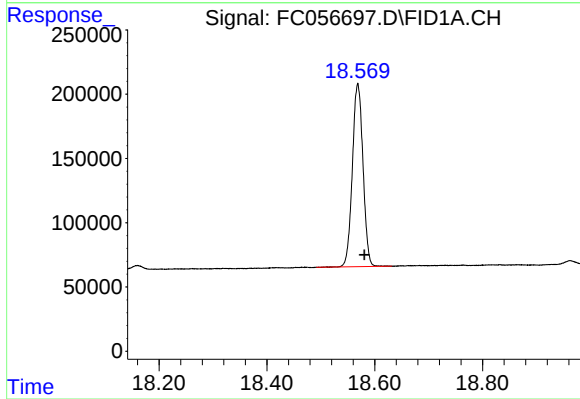
#16 n-Octacosane (C28)

R.T.: 16.857 min  
Delta R.T.: -0.012 min  
Response: 1986426  
Conc: 19.15 ug/ml



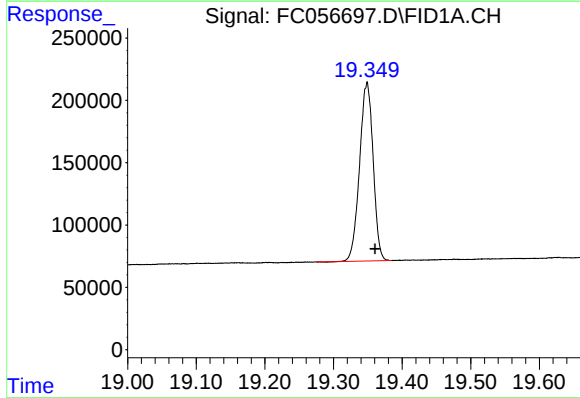
#17 n-Tricontane (C30)

R.T.: 17.739 min  
Delta R.T.: -0.013 min  
Response: 1961010  
Conc: 18.93 ug/ml



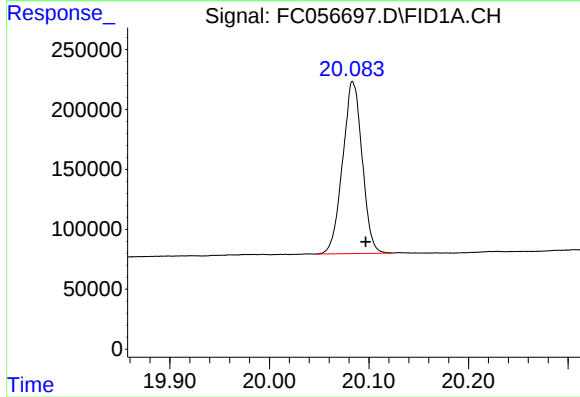
#18 n-Dotriacontane (C32)

R.T.: 18.569 min  
Delta R.T.: -0.012 min  
Response: 1945940  
Conc: 20.31 ug/ml



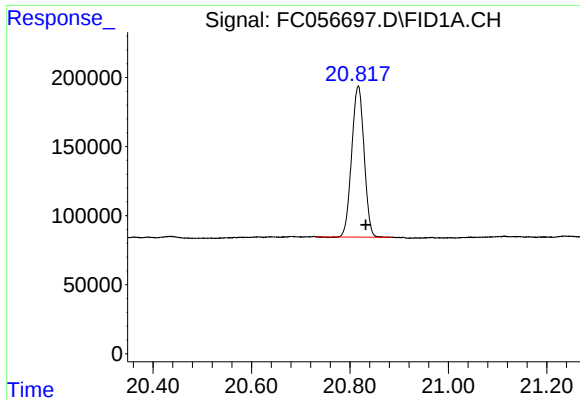
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min  
Delta R.T.: -0.012 min  
Response: 1964380  
Conc: 22.40 ug/ml



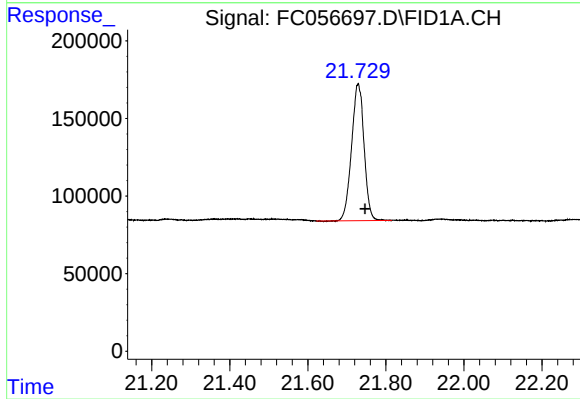
#20 n-Hexatriacontane (C36)

R.T.: 20.083 min  
Delta R.T.: -0.014 min  
Response: 1952107  
Conc: 23.85 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.817 min  
Delta R.T.: -0.015 min  
Response: 1913096  
Conc: 23.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.729 min  
Delta R.T.: -0.018 min  
Response: 1955462  
Conc: 23.73 ug/ml