

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC112320AL\  
 Data File : FC050925.D  
 Signal(s) : FID1A.CH  
 Acq On : 24 Nov 2020 3:37  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 24 04:06:31 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 110220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 03 02:36:40 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)    | 11.603 | 2271907    | 18.497 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.99%        |
| 12) S 1-chlorooctadecane (S... | 13.036 | 1741889    | 18.041 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.08%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.353  | 2141260    | 20.124 ug/ml  |
| 2) T n-Decane (C10)            | 4.423  | 2159195    | 20.302 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.016  | 2289571    | 19.882 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.443  | 2209922    | 20.382 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.073  | 2303055    | 20.074 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.239  | 2190685    | 20.310 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.840  | 2147204    | 20.171 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.282 | 2206319    | 19.614 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.591 | 2165291    | 18.971 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.203 | 2120289    | 18.586 ug/ml  |
| 13) T n-Docosane (C22)         | 13.789 | 2085001    | 18.270 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.891 | 2015483    | 17.649 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.911 | 1953981    | 17.234 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.860 | 1921038    | 16.930 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.747 | 1879621    | 16.906 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.578 | 1791433    | 17.365 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.360 | 1634467    | 16.986 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.097 | 1530279    | 17.033 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.839 | 1389044    | 16.706 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.759 | 1361945    | 16.275 ug/mlm |
| -----                          |        |            |               |

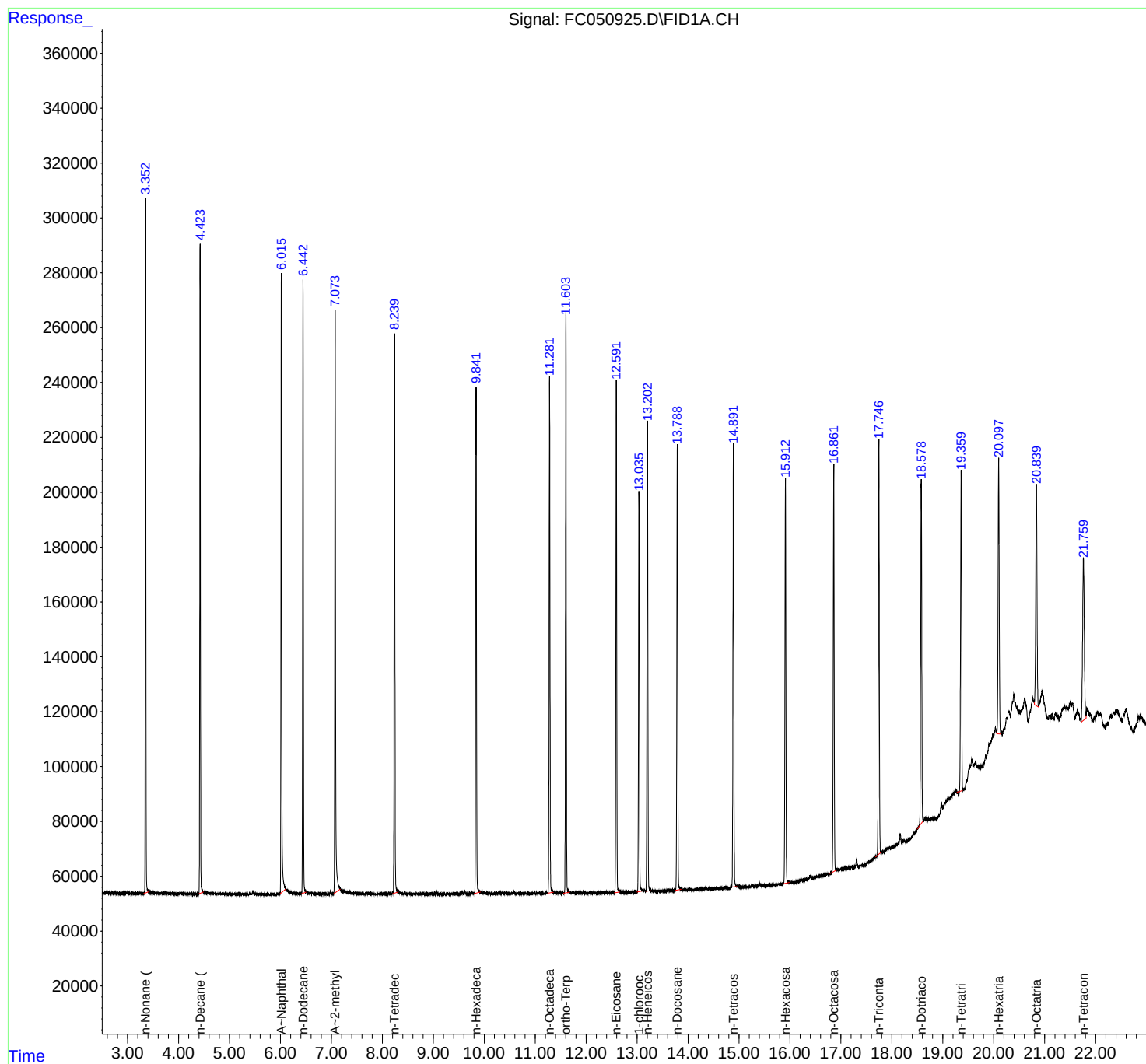
(f)=RT Delta > 1/2 Window

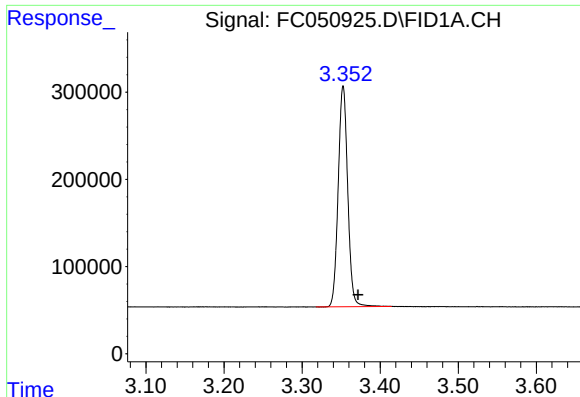
(m)=manual int.

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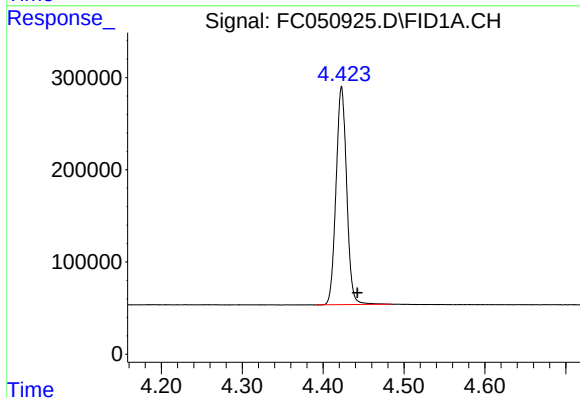
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





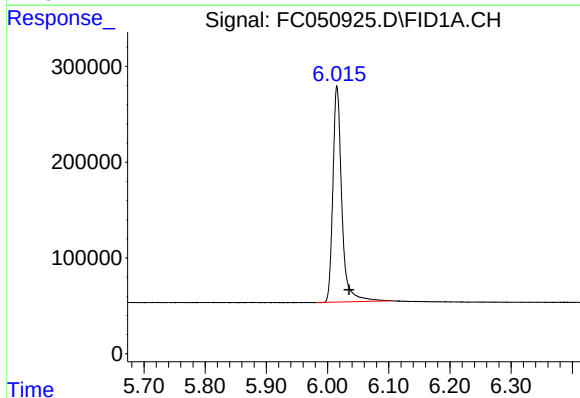
#1 n-Nonane (C9)

R.T.: 3.353 min  
Delta R.T.: -0.019 min  
Response: 2141260  
Conc: 20.12 ug/ml



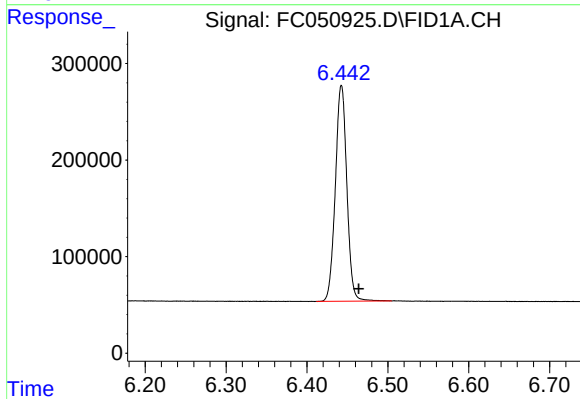
#2 n-Decane (C10)

R.T.: 4.423 min  
Delta R.T.: -0.020 min  
Response: 2159195  
Conc: 20.30 ug/ml



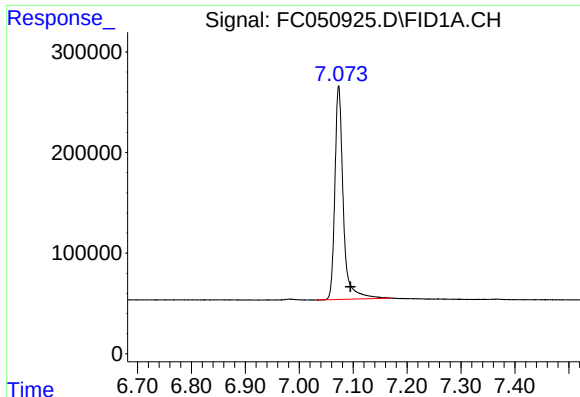
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min  
Delta R.T.: -0.020 min  
Response: 2289571  
Conc: 19.88 ug/ml



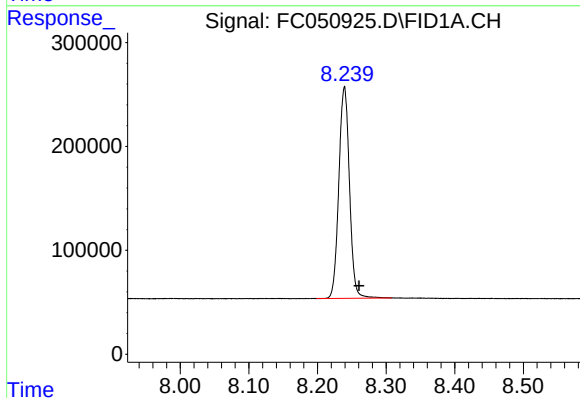
#4 n-Dodecane (C12)

R.T.: 6.443 min  
Delta R.T.: -0.021 min  
Response: 2209922  
Conc: 20.38 ug/ml



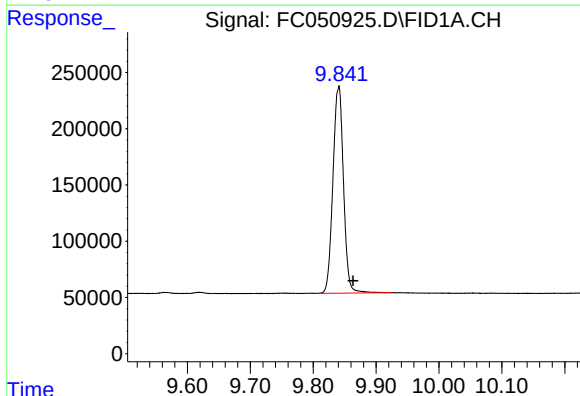
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.073 min  
Delta R.T.: -0.021 min  
Response: 2303055  
Conc: 20.07 ug/ml



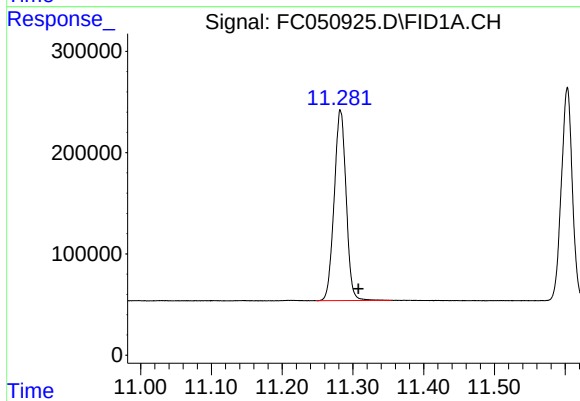
#6 n-Tetradecane (C14)

R.T.: 8.239 min  
Delta R.T.: -0.022 min  
Response: 2190685  
Conc: 20.31 ug/ml



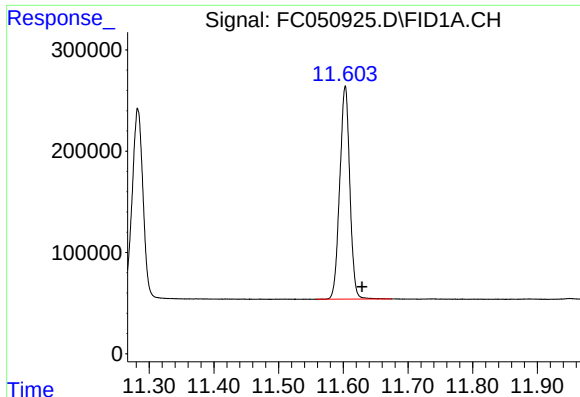
#7 n-Hexadecane (C16)

R.T.: 9.840 min  
Delta R.T.: -0.023 min  
Response: 2147204  
Conc: 20.17 ug/ml



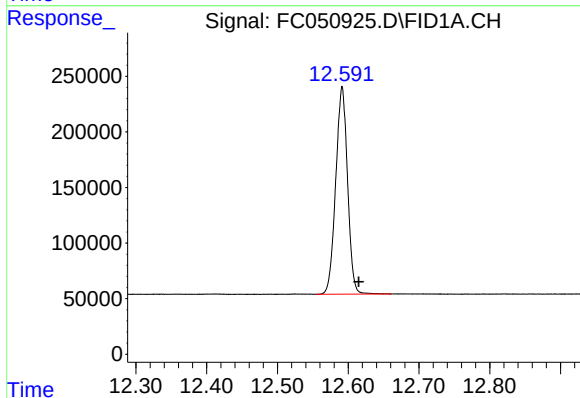
#8 n-Octadecane (C18)

R.T.: 11.282 min  
Delta R.T.: -0.025 min  
Response: 2206319  
Conc: 19.61 ug/ml



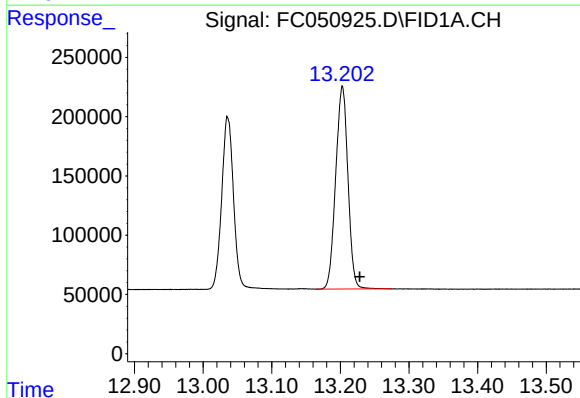
#9 ortho-Terphenyl (SURR)

R.T.: 11.603 min  
Delta R.T.: -0.026 min  
Response: 2271907  
Conc: 18.50 ug/ml



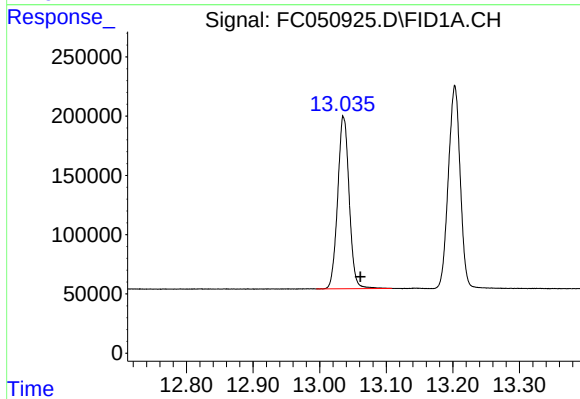
#10 n-Eicosane (C20)

R.T.: 12.591 min  
Delta R.T.: -0.024 min  
Response: 2165291  
Conc: 18.97 ug/ml



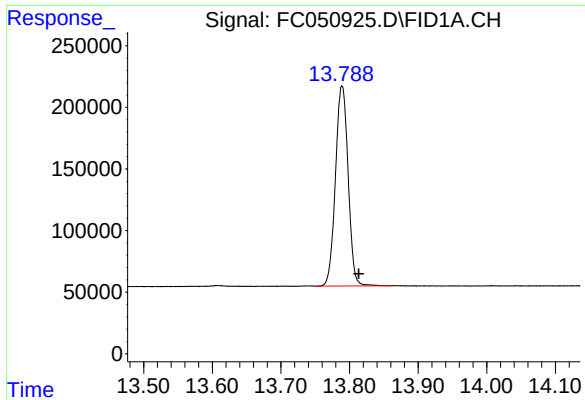
#11 n-Heneicosane (C21)

R.T.: 13.203 min  
Delta R.T.: -0.025 min  
Response: 2120289  
Conc: 18.59 ug/ml



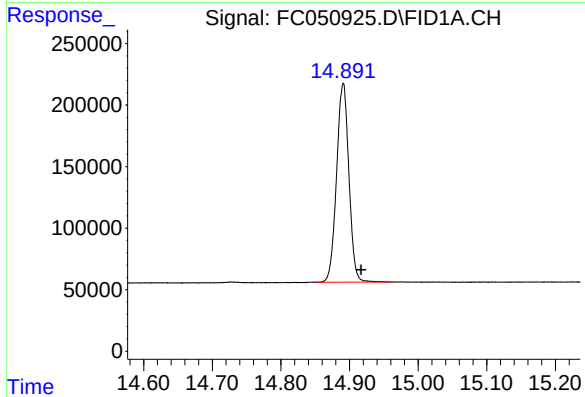
#12 1-chlorooctadecane (SURR)

R.T.: 13.036 min  
Delta R.T.: -0.025 min  
Response: 1741889  
Conc: 18.04 ug/ml



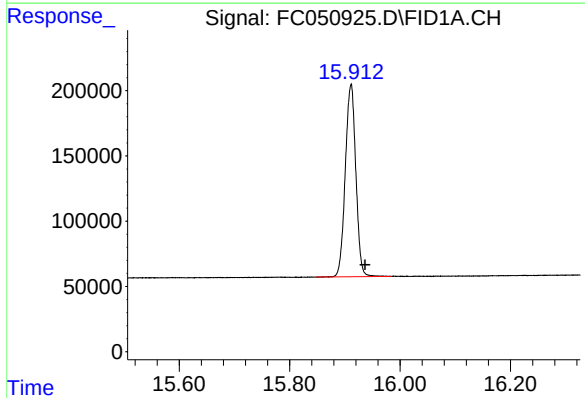
#13 n-Docosane (C22)

R.T.: 13.789 min  
Delta R.T.: -0.025 min  
Response: 2085001  
Conc: 18.27 ug/ml



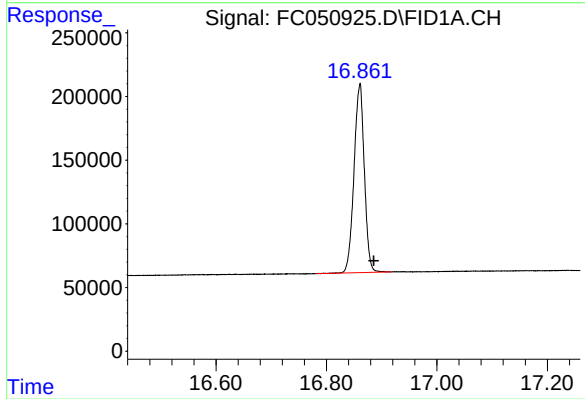
#14 n-Tetracosane (C24)

R.T.: 14.891 min  
Delta R.T.: -0.026 min  
Response: 2015483  
Conc: 17.65 ug/ml



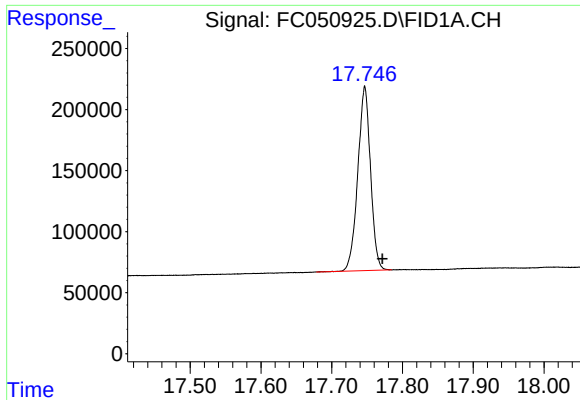
#15 n-Hexacosane (C26)

R.T.: 15.911 min  
Delta R.T.: -0.026 min  
Response: 1953981  
Conc: 17.23 ug/ml



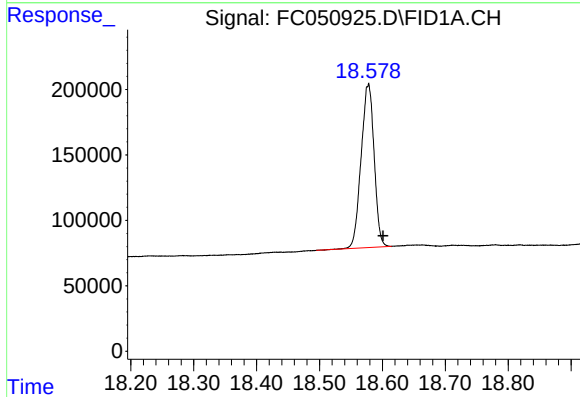
#16 n-Octacosane (C28)

R.T.: 16.860 min  
Delta R.T.: -0.025 min  
Response: 1921038  
Conc: 16.93 ug/ml



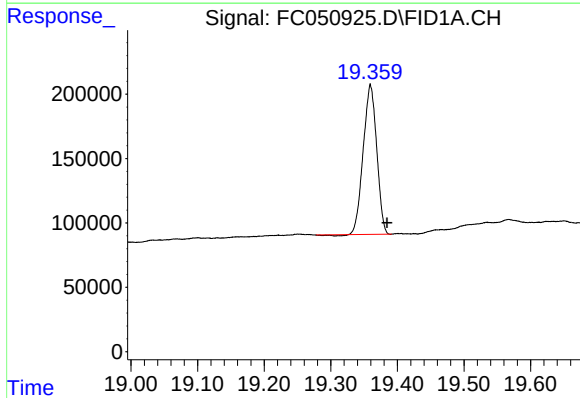
#17 n-Tricontane (C30)

R.T.: 17.747 min  
Delta R.T.: -0.025 min  
Response: 1879621  
Conc: 16.91 ug/ml



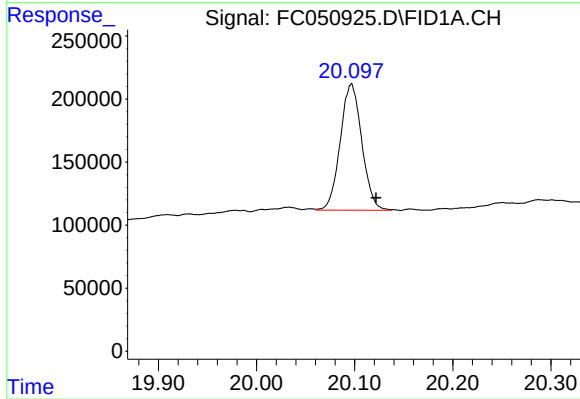
#18 n-Dotriacontane (C32)

R.T.: 18.578 min  
Delta R.T.: -0.024 min  
Response: 1791433  
Conc: 17.36 ug/ml



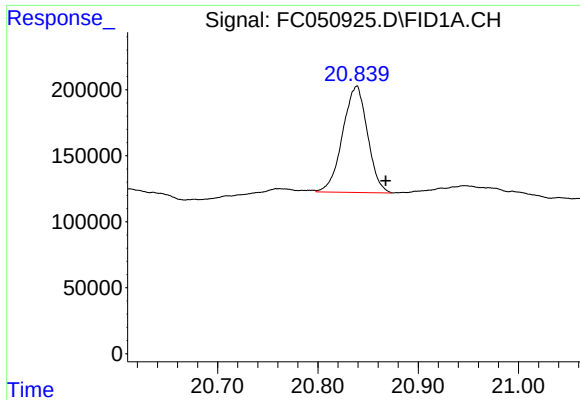
#19 n-Tetratriacontane (C34)

R.T.: 19.360 min  
Delta R.T.: -0.025 min  
Response: 1634467  
Conc: 16.99 ug/ml



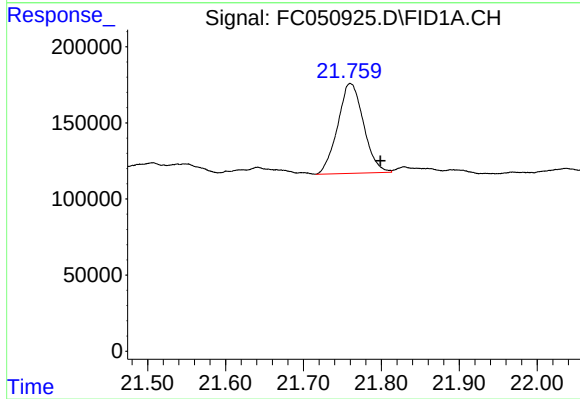
#20 n-Hexatriacontane (C36)

R.T.: 20.097 min  
Delta R.T.: -0.025 min  
Response: 1530279  
Conc: 17.03 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.839 min  
Delta R.T.: -0.029 min  
Response: 1389044  
Conc: 16.71 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.759 min  
Delta R.T.: -0.039 min  
Response: 1361945  
Conc: 16.28 ug/ml m