

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030321AL\  
 Data File : FC052201.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Mar 2021 5:13  
 Operator : DD\AJ  
 Sample : M1542-02D  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 04 05:38:06 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 030321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 04 03:56:17 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)    | 11.624 | 6191170    | 46.947 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 93.89%        |
| 12) S 1-chlorooctadecane (S... | 13.064 | 30858469   | 296.716 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 593.43%       |
| Target Compounds               |        |            |               |
| 3) T A~Naphthalene (C11.7)     | 6.019  | 181273     | 1.365 ug/ml   |
| 4) T n-Dodecane (C12)          | 6.450  | 616840     | 5.103 ug/ml   |
| 5) T A~2-methylnaphthalene...  | 7.082  | 291598     | 2.148 ug/ml   |
| 6) T n-Tetradecane (C14)       | 8.251  | 1221818    | 10.077 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.855  | 1118362    | 9.347 ug/ml   |
| 8) T n-Octadecane (C18)        | 11.300 | 843277     | 6.812 ug/ml   |
| 10) T n-Eicosane (C20)         | 12.612 | 613800     | 4.981 ug/ml   |
| 11) T n-Heneicosane (C21)      | 13.231 | 790504     | 6.476 ug/ml   |
| 13) T n-Docosane (C22)         | 13.812 | 318705     | 2.649 ug/ml   |
| 14) T n-Tetracosane (C24)      | 14.912 | 312044     | 2.677 ug/ml   |
| 15) T n-Hexacosane (C26)       | 15.938 | 247218     | 2.250 ug/ml   |
| 16) T n-Octacosane (C28)       | 16.891 | 286179     | 2.792 ug/ml   |
| 17) T n-Tricontane (C30)       | 17.779 | 450340     | 4.784 ug/ml   |
| 18) T n-Dotriacontane (C32)    | 18.614 | 637798     | 7.470 ug/ml   |
| 19) T n-Tetratriacontane (C34) | 19.397 | 290688     | 3.749 ug/ml   |
| 20) T n-Hexatriacontane (C36)  | 20.139 | 322370     | 4.486 ug/ml   |
| 21) T n-Octatriacontane (C38)  | 20.885 | 253645     | 3.703 ug/ml   |
| 22) T n-Tetracontane (C40)     | 21.836 | 1795626    | 24.970 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

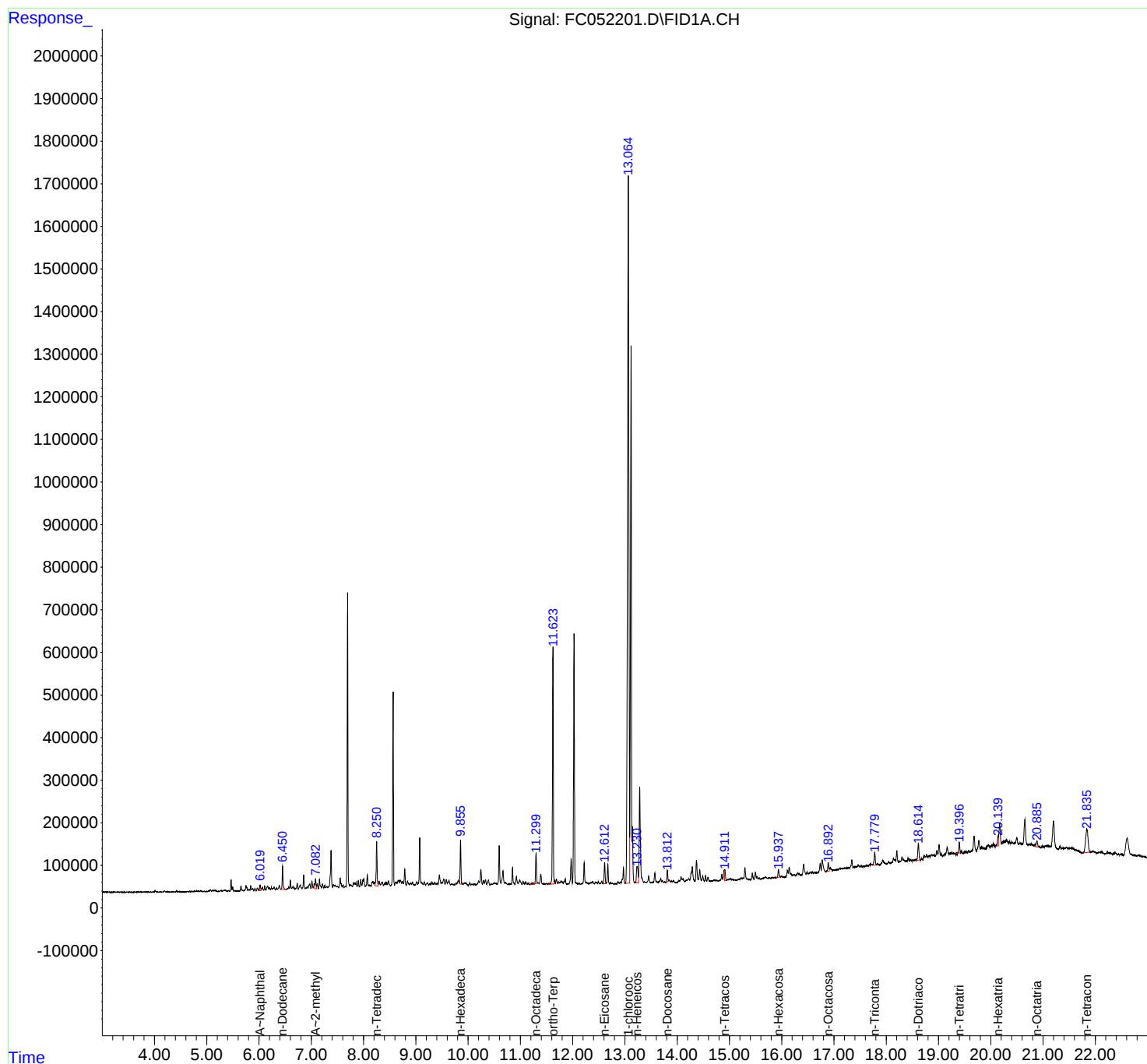
(m)=manual int.

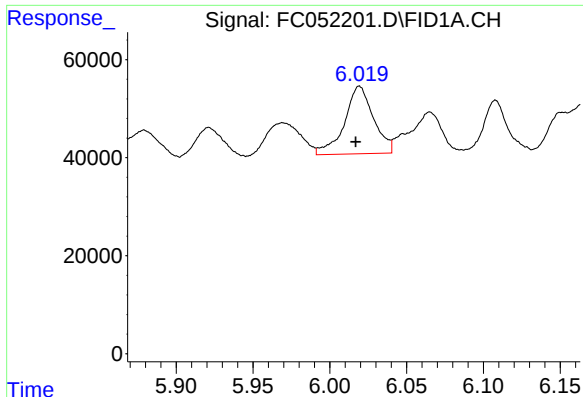
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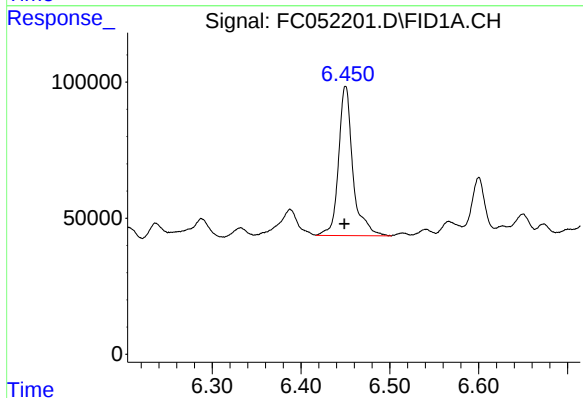




#3 A~Naphthalene (C11.7)

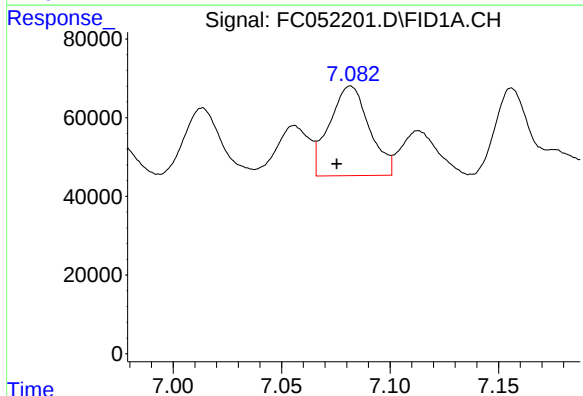
R.T.: 6.019 min  
Delta R.T.: 0.003 min  
Response: 181273  
Conc: 1.37 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



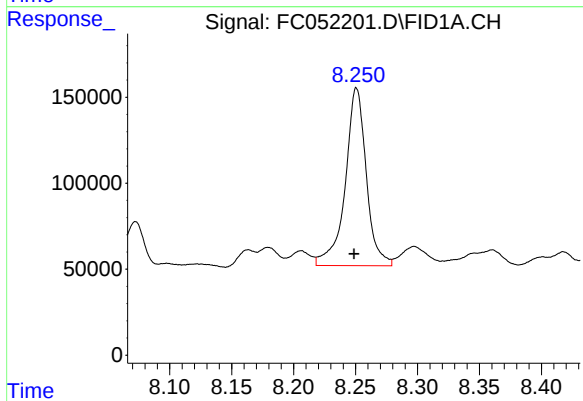
#4 n-Dodecane (C12)

R.T.: 6.450 min  
Delta R.T.: 0.001 min  
Response: 616840  
Conc: 5.10 ug/ml



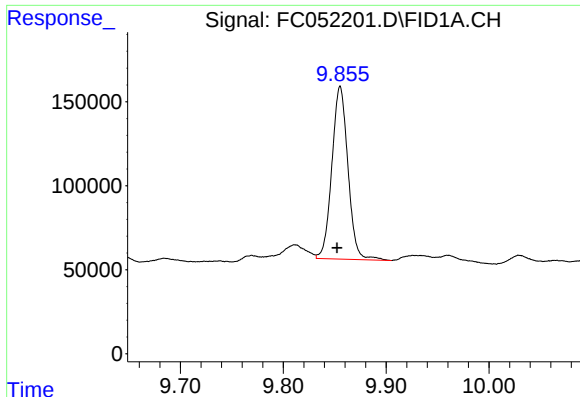
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.082 min  
Delta R.T.: 0.006 min  
Response: 291598  
Conc: 2.15 ug/ml



#6 n-Tetradecane (C14)

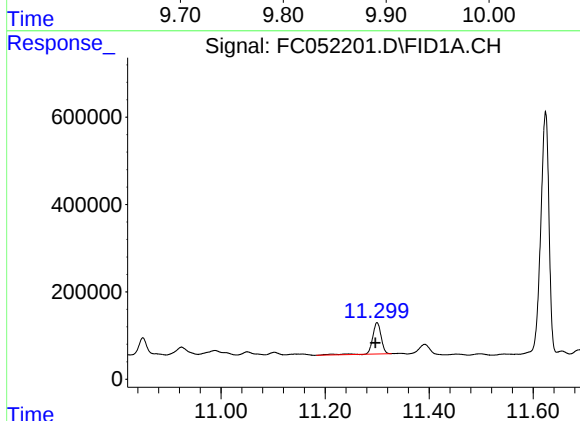
R.T.: 8.251 min  
Delta R.T.: 0.002 min  
Response: 1221818  
Conc: 10.08 ug/ml



#7 n-Hexadecane (C16)

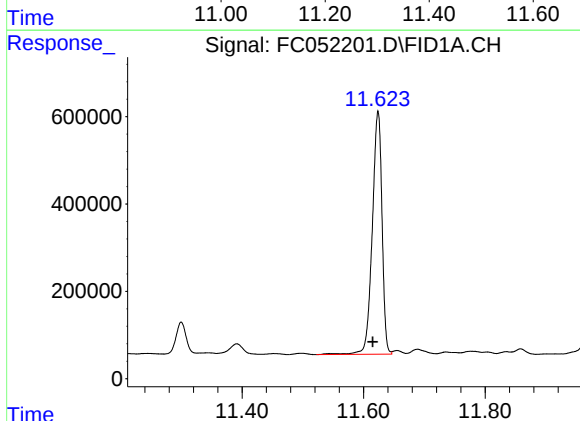
R.T.: 9.855 min  
Delta R.T.: 0.003 min  
Response: 1118362  
Conc: 9.35 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



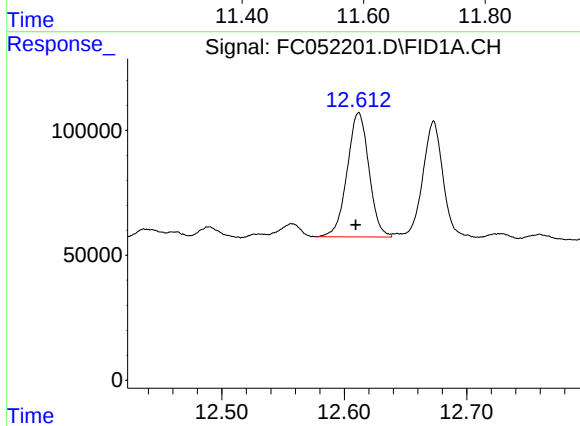
#8 n-Octadecane (C18)

R.T.: 11.300 min  
Delta R.T.: 0.003 min  
Response: 843277  
Conc: 6.81 ug/ml



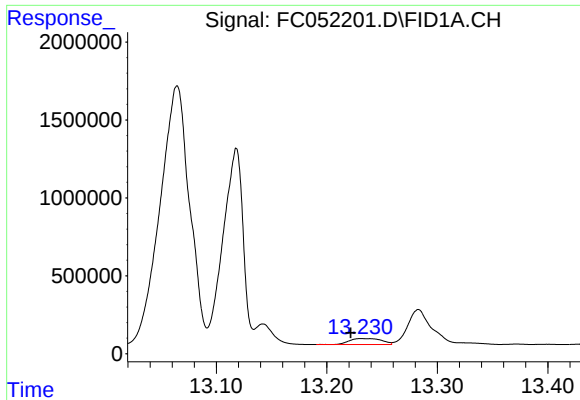
#9 ortho-Terphenyl (SURR)

R.T.: 11.624 min  
Delta R.T.: 0.009 min  
Response: 6191170  
Conc: 46.95 ug/ml



#10 n-Eicosane (C20)

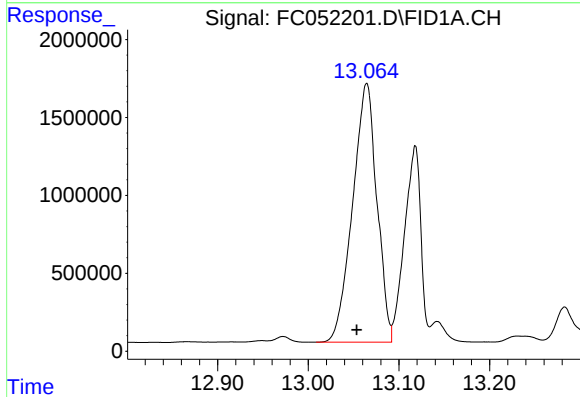
R.T.: 12.612 min  
Delta R.T.: 0.003 min  
Response: 613800  
Conc: 4.98 ug/ml



#11 n-Heneicosane (C21)

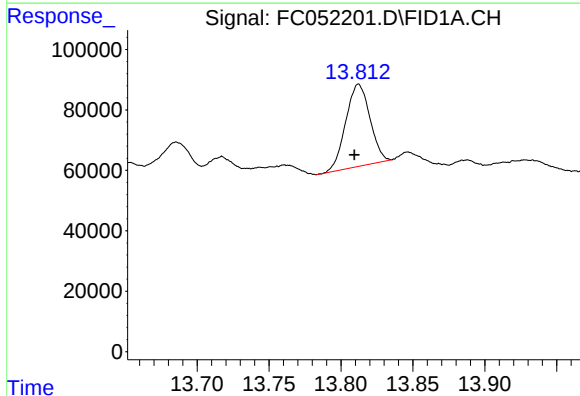
R.T.: 13.231 min  
Delta R.T.: 0.010 min  
Response: 790504  
Conc: 6.48 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



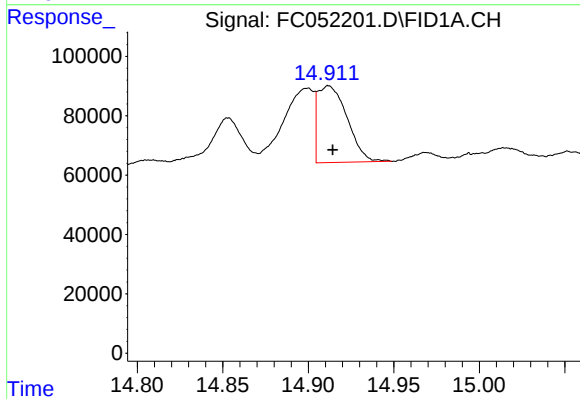
#12 1-chlorooctadecane (SURR)

R.T.: 13.064 min  
Delta R.T.: 0.011 min  
Response: 30858469  
Conc: 296.72 ug/ml



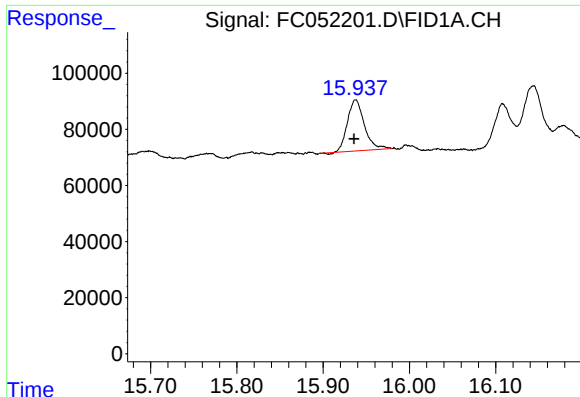
#13 n-Docosane (C22)

R.T.: 13.812 min  
Delta R.T.: 0.003 min  
Response: 318705  
Conc: 2.65 ug/ml



#14 n-Tetracosane (C24)

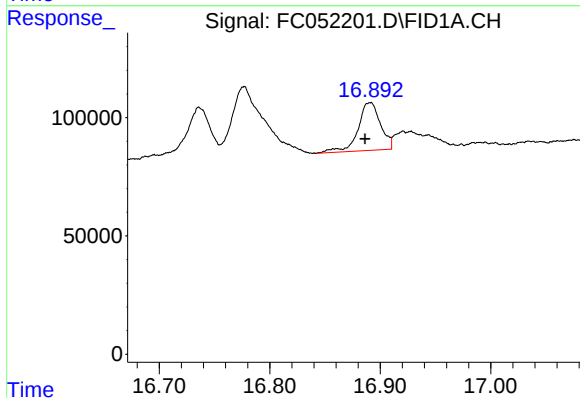
R.T.: 14.912 min  
Delta R.T.: -0.002 min  
Response: 312044  
Conc: 2.68 ug/ml



#15 n-Hexacosane (C26)

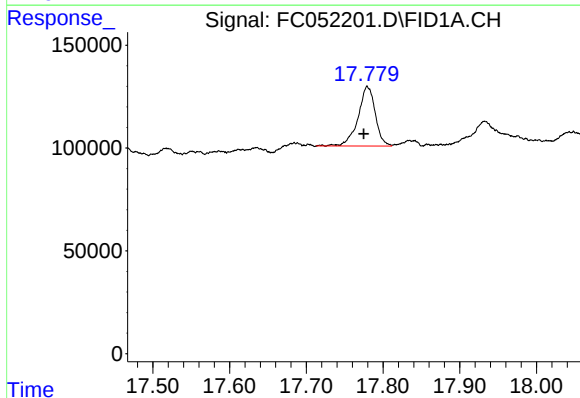
R.T.: 15.938 min  
Delta R.T.: 0.002 min  
Response: 247218  
Conc: 2.25 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



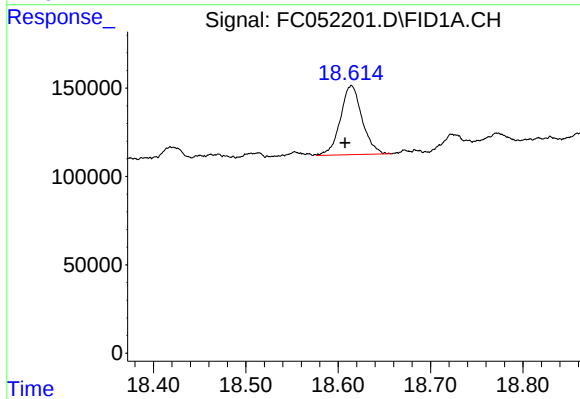
#16 n-Octacosane (C28)

R.T.: 16.891 min  
Delta R.T.: 0.004 min  
Response: 286179  
Conc: 2.79 ug/ml



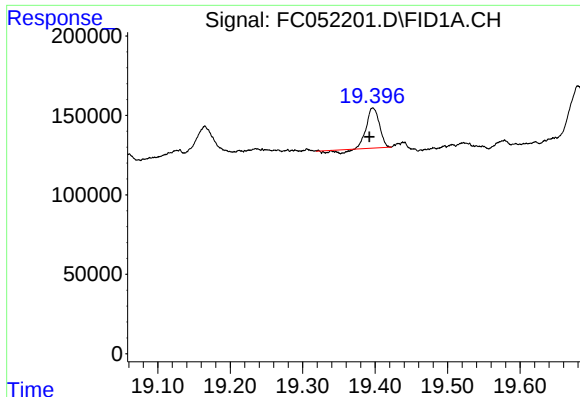
#17 n-Tricontane (C30)

R.T.: 17.779 min  
Delta R.T.: 0.005 min  
Response: 450340  
Conc: 4.78 ug/ml



#18 n-Dotriacontane (C32)

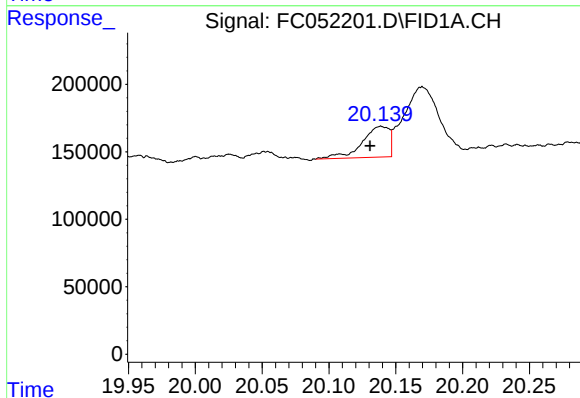
R.T.: 18.614 min  
Delta R.T.: 0.007 min  
Response: 637798  
Conc: 7.47 ug/ml



#19 n-Tetratriacontane (C34)

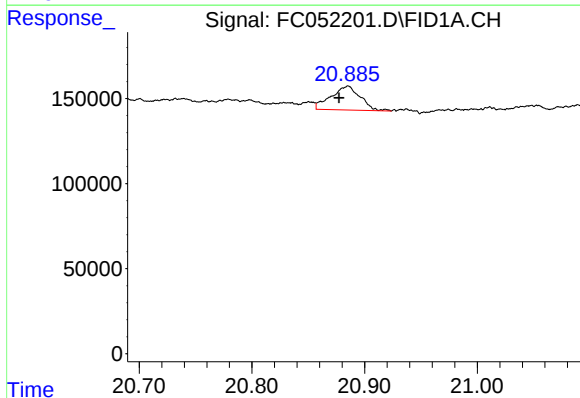
R.T.: 19.397 min  
Delta R.T.: 0.005 min  
Response: 290688  
Conc: 3.75 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



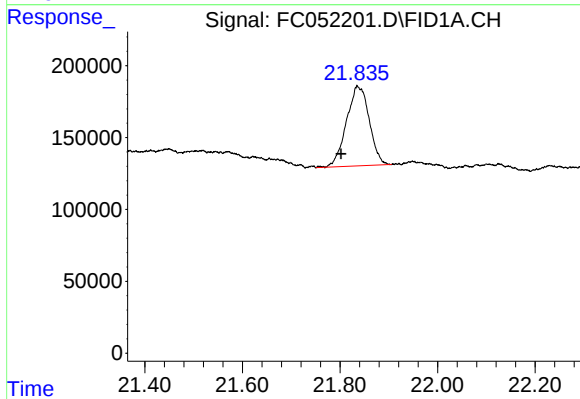
#20 n-Hexatriacontane (C36)

R.T.: 20.139 min  
Delta R.T.: 0.008 min  
Response: 322370  
Conc: 4.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.885 min  
Delta R.T.: 0.008 min  
Response: 253645  
Conc: 3.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.836 min  
Delta R.T.: 0.033 min  
Response: 1795626  
Conc: 24.97 ug/ml