

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD022323AL\  
 Data File : FD045135.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 Feb 2023 14:17  
 Operator : YP/AJ  
 Sample : 01627-07  
 Misc : 4 PPM WATER LOD  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 24 04:08:45 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 022123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 22 05:29:49 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 11.448 | 937351     | 6.085 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 12.17%       |
| 12) S 1-chlorooctadecane (S... | 12.886 | 5765457    | 49.851 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 99.70%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.270  | 311609     | 2.292 ug/ml  |
| 2) T n-Decane (C10)            | 4.325  | 391247     | 2.929 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.329  | 486520     | 3.598 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.114  | 453129     | 3.337 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.706  | 490722     | 3.526 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.140 | 548883     | 3.912 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.442 | 503267     | 3.715 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.050 | 500974     | 3.674 ug/ml  |
| 13) T n-Docosane (C22)         | 13.632 | 518988     | 3.876 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.728 | 512120     | 3.911 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.742 | 482466     | 3.831 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.686 | 467959     | 3.818 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.567 | 447276     | 3.778 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.393 | 440813     | 3.766 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.173 | 434445     | 3.779 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.905 | 404204     | 3.680 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.611 | 388484     | 3.604 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.449 | 364897     | 3.404 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

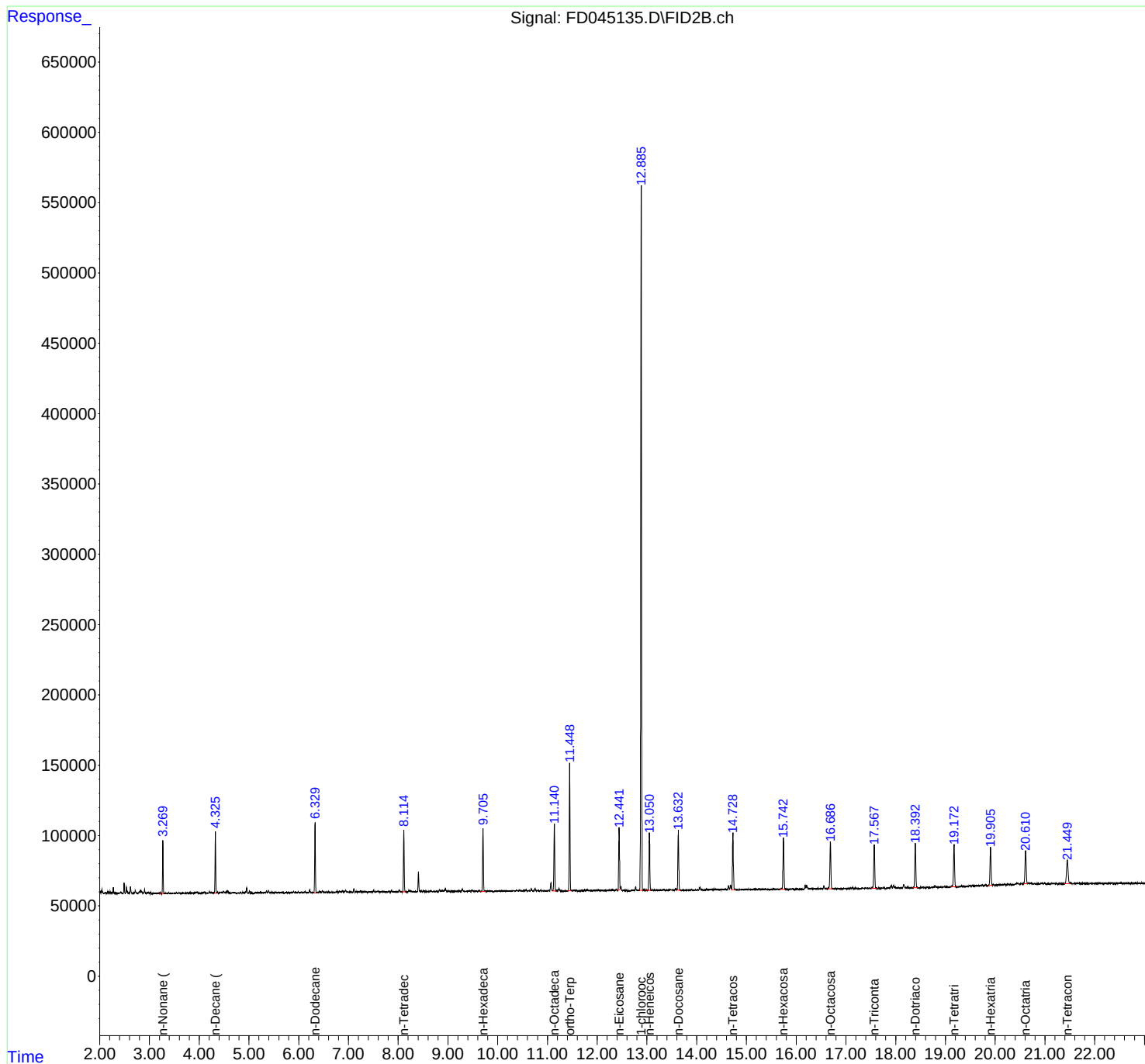
(m)=manual int.

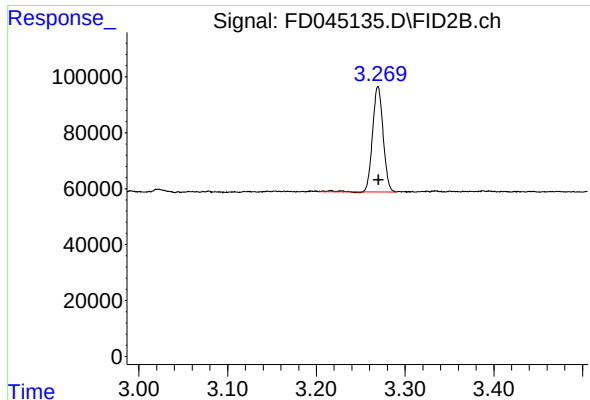
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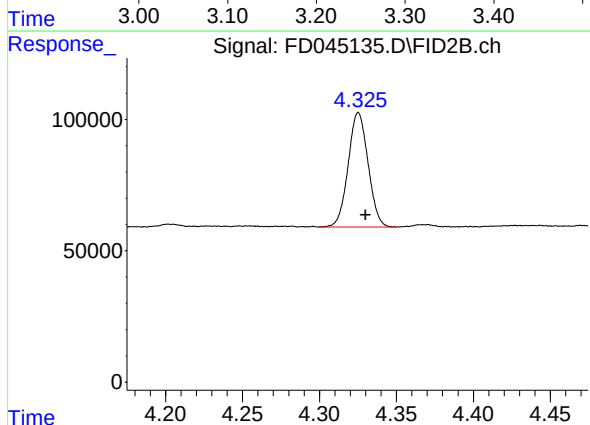




#1 n-Nonane (C9)

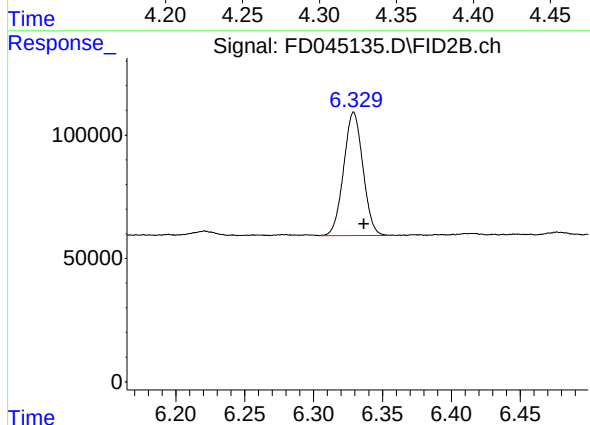
R.T.: 3.270 min  
Delta R.T.: 0.000 min  
Response: 311609  
Conc: 2.29 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



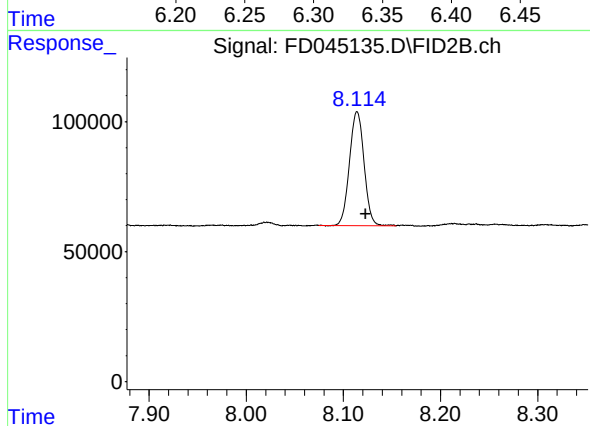
#2 n-Decane (C10)

R.T.: 4.325 min  
Delta R.T.: -0.005 min  
Response: 391247  
Conc: 2.93 ug/ml



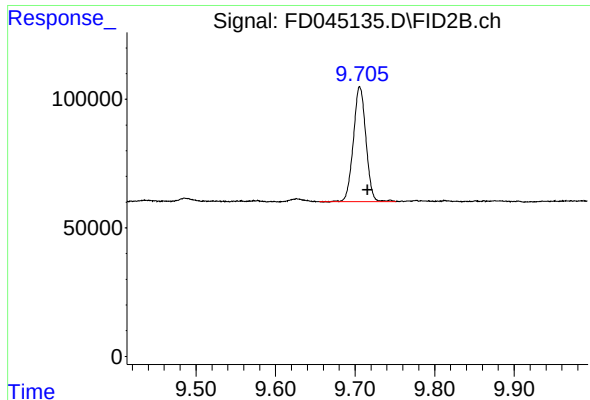
#4 n-Dodecane (C12)

R.T.: 6.329 min  
Delta R.T.: -0.007 min  
Response: 486520  
Conc: 3.60 ug/ml



#6 n-Tetradecane (C14)

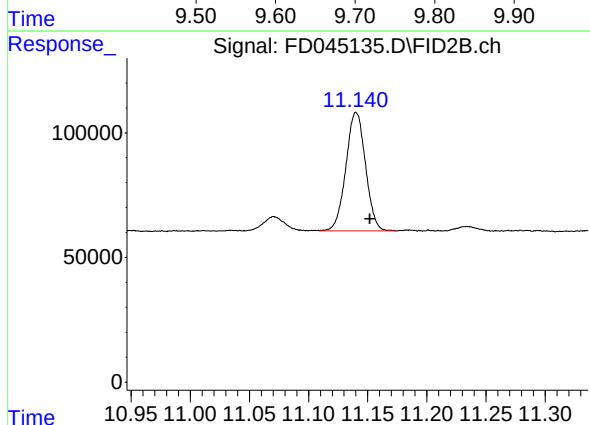
R.T.: 8.114 min  
Delta R.T.: -0.009 min  
Response: 453129  
Conc: 3.34 ug/ml



#7 n-Hexadecane (C16)

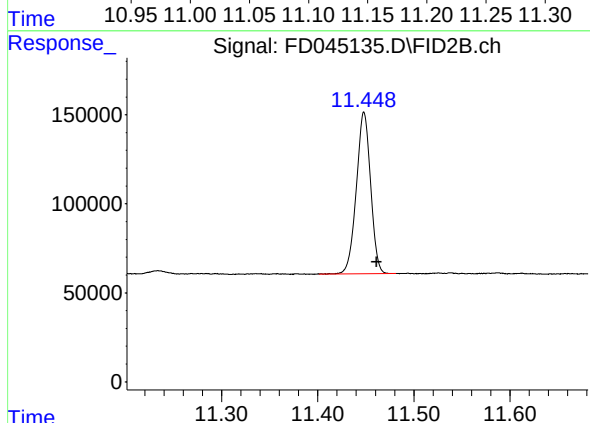
R.T.: 9.706 min  
Delta R.T.: -0.010 min  
Response: 490722  
Conc: 3.53 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



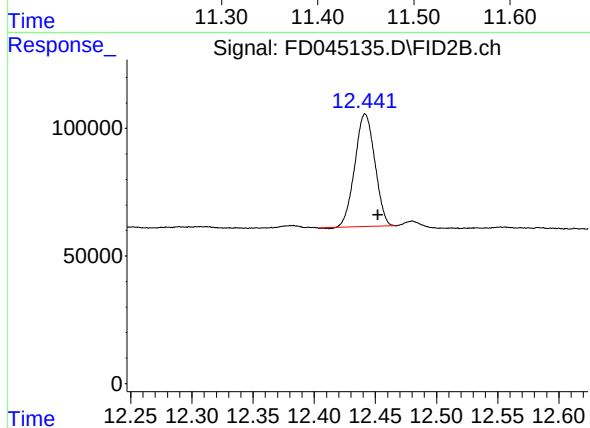
#8 n-Octadecane (C18)

R.T.: 11.140 min  
Delta R.T.: -0.012 min  
Response: 548883  
Conc: 3.91 ug/ml



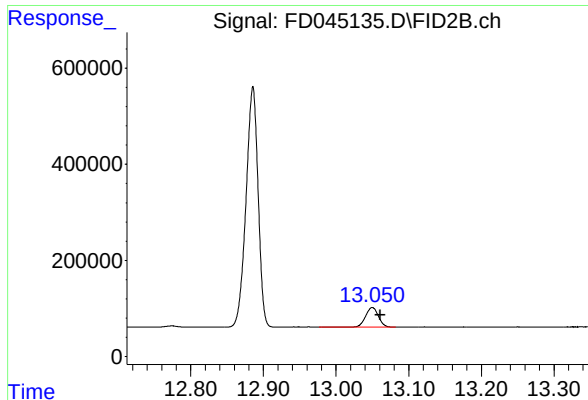
#9 ortho-Terphenyl (SURR)

R.T.: 11.448 min  
Delta R.T.: -0.013 min  
Response: 937351  
Conc: 6.08 ug/ml



#10 n-Eicosane (C20)

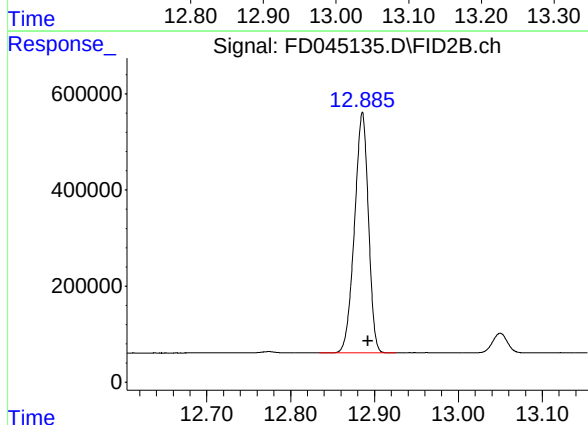
R.T.: 12.442 min  
Delta R.T.: -0.010 min  
Response: 503267  
Conc: 3.71 ug/ml



#11 n-Heneicosane (C21)

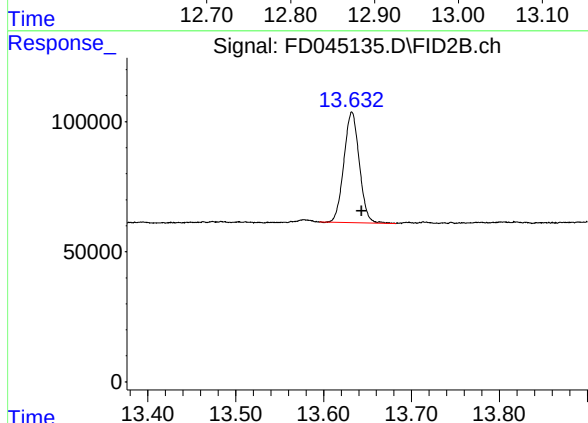
R.T.: 13.050 min  
Delta R.T.: -0.011 min  
Response: 500974  
Conc: 3.67 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



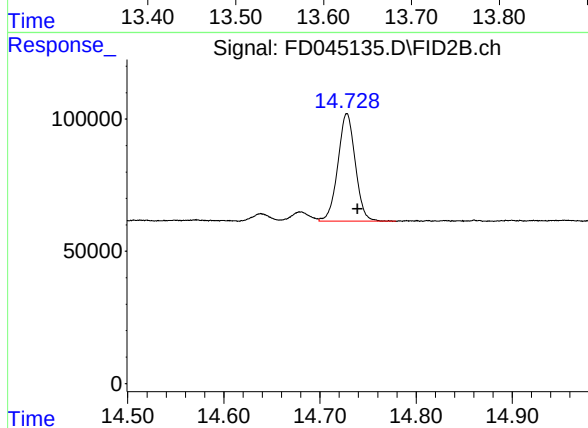
#12 1-chlorooctadecane (SURR)

R.T.: 12.886 min  
Delta R.T.: -0.007 min  
Response: 5765457  
Conc: 49.85 ug/ml



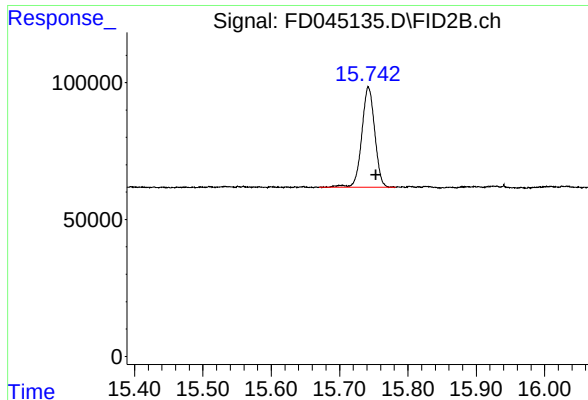
#13 n-Docosane (C22)

R.T.: 13.632 min  
Delta R.T.: -0.011 min  
Response: 518988  
Conc: 3.88 ug/ml



#14 n-Tetracosane (C24)

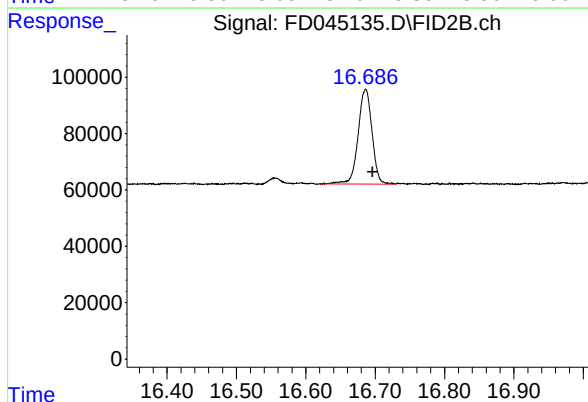
R.T.: 14.728 min  
Delta R.T.: -0.011 min  
Response: 512120  
Conc: 3.91 ug/ml



#15 n-Hexacosane (C26)

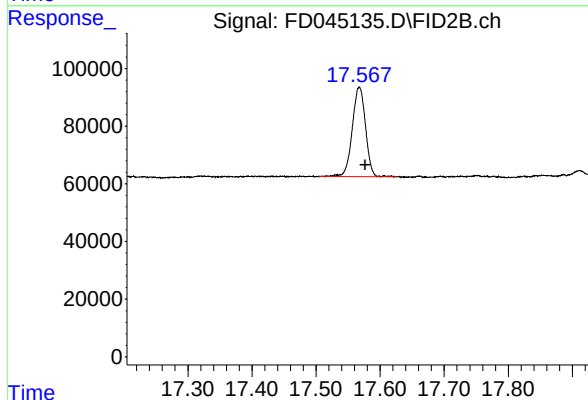
R.T.: 15.742 min  
Delta R.T.: -0.011 min  
Response: 482466  
Conc: 3.83 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



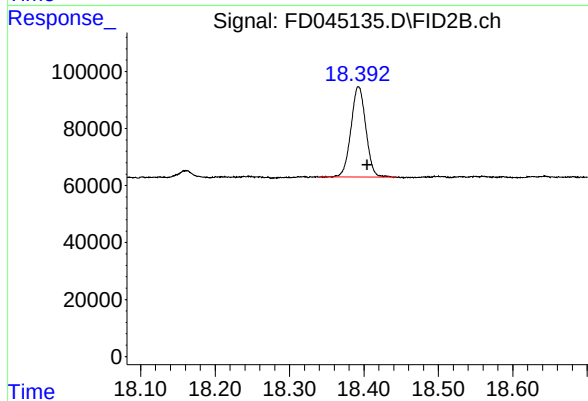
#16 n-Octacosane (C28)

R.T.: 16.686 min  
Delta R.T.: -0.010 min  
Response: 467959  
Conc: 3.82 ug/ml



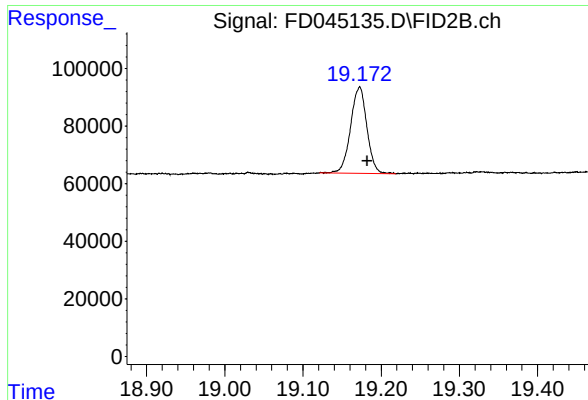
#17 n-Tricontane (C30)

R.T.: 17.567 min  
Delta R.T.: -0.009 min  
Response: 447276  
Conc: 3.78 ug/ml



#18 n-Dotriacontane (C32)

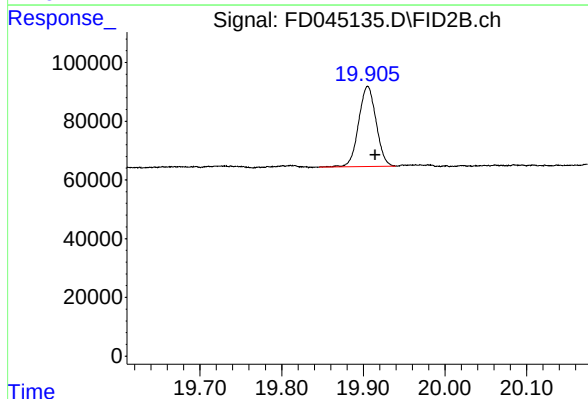
R.T.: 18.393 min  
Delta R.T.: -0.012 min  
Response: 440813  
Conc: 3.77 ug/ml



#19 n-Tetratriacontane (C34)

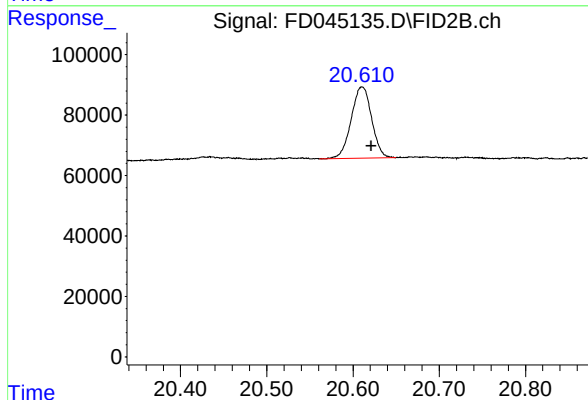
R.T.: 19.173 min  
Delta R.T.: -0.010 min  
Response: 434445  
Conc: 3.78 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



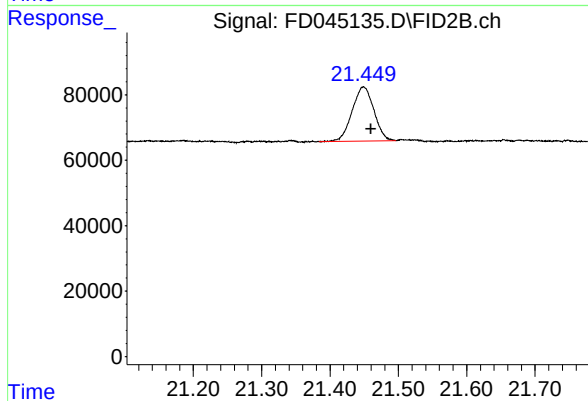
#20 n-Hexatriacontane (C36)

R.T.: 19.905 min  
Delta R.T.: -0.009 min  
Response: 404204  
Conc: 3.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.611 min  
Delta R.T.: -0.010 min  
Response: 388484  
Conc: 3.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.449 min  
Delta R.T.: -0.011 min  
Response: 364897  
Conc: 3.40 ug/ml