

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051424AL\  
 Data File : FD047750.D  
 Signal(s) : FID2B.ch  
 Acq On : 14 May 2024 08:52  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: May 15 05:28:20 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 051324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 13 13:08:23 2024  
 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)    | 11.351 | 4655054    | 21.332 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.66%       |
| 12) S 1-chlorooctadecane (S... | 12.790 | 3474333    | 21.321 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.64%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.186  | 4044983    | 21.008 ug/ml |
| 2) T n-Decane (C10)            | 4.238  | 4179853    | 21.113 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.795  | 4632014    | 21.270 ug/ml |
| 4) T n-Dodecane (C12)          | 6.239  | 4221955    | 21.258 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.844  | 4463123    | 21.276 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.023  | 4176156    | 21.382 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.615  | 4312810    | 21.490 ug/ml |
| 8) T n-Octadecane (C18)        | 11.049 | 4360627    | 21.471 ug/ml |
| 10) T n-Eicosane (C20)         | 12.352 | 4184065    | 21.432 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.960 | 4107048    | 21.352 ug/ml |
| 13) T n-Docosane (C22)         | 13.543 | 4078302    | 21.432 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.641 | 4019434    | 21.378 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.656 | 3874316    | 21.388 ug/ml |
| 16) T n-Octacosane (C28)       | 16.601 | 3733644    | 21.423 ug/ml |
| 17) T n-Tricontane (C30)       | 17.484 | 3775334    | 21.634 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.311 | 3665276    | 21.527 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.091 | 3479262    | 21.574 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.827 | 3258865    | 21.318 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.526 | 3136454    | 21.331 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.334 | 2985917    | 21.054 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

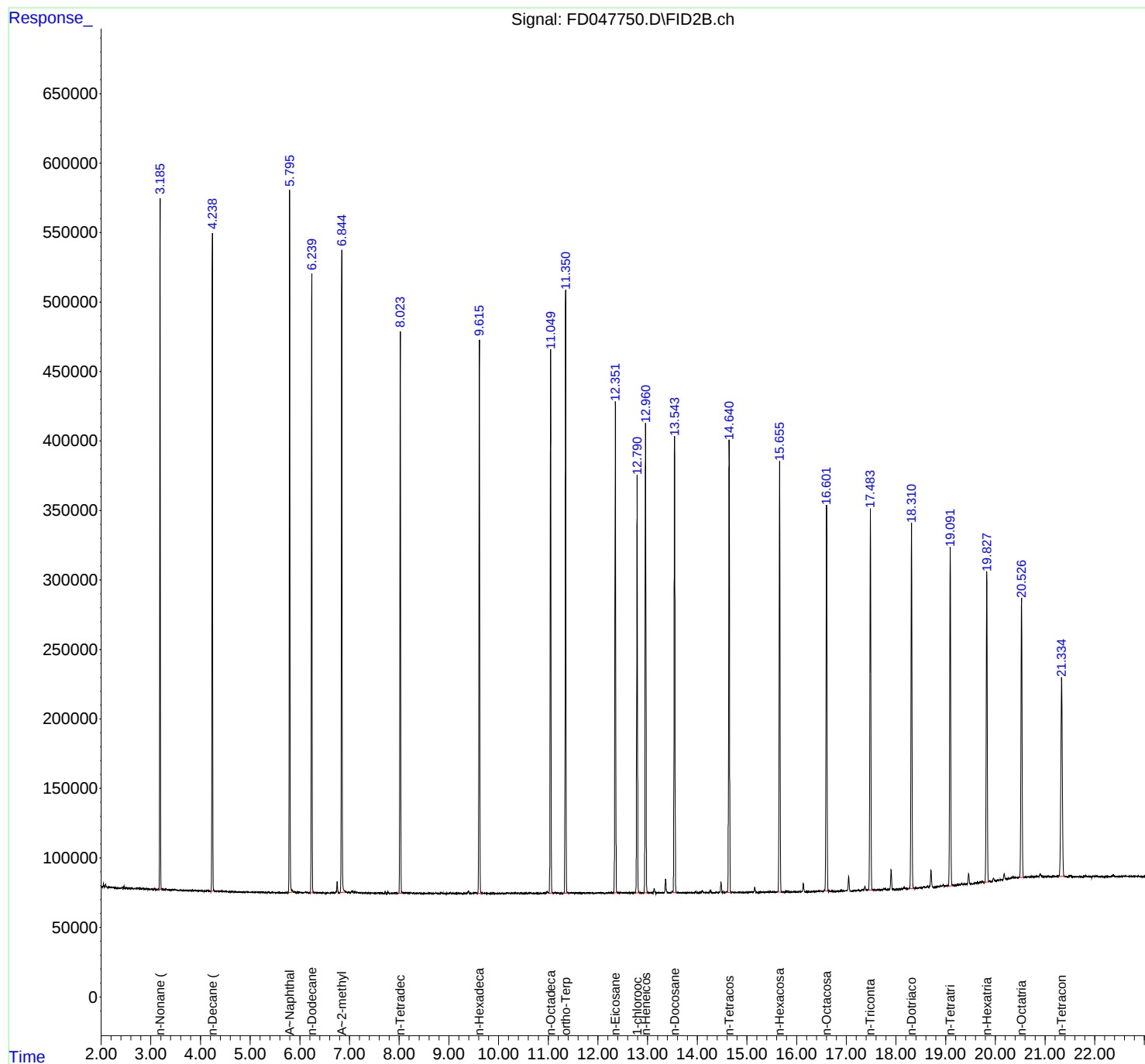
(m)=manual int.

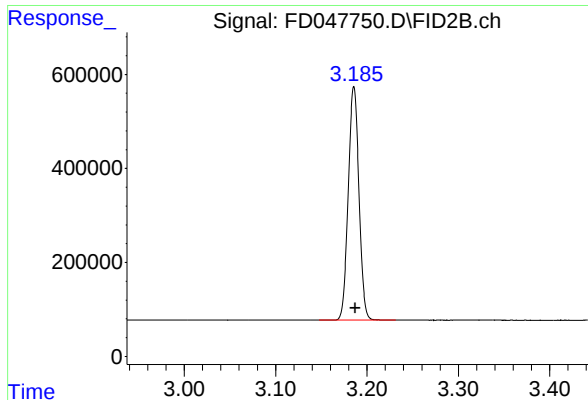
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051424AL\  
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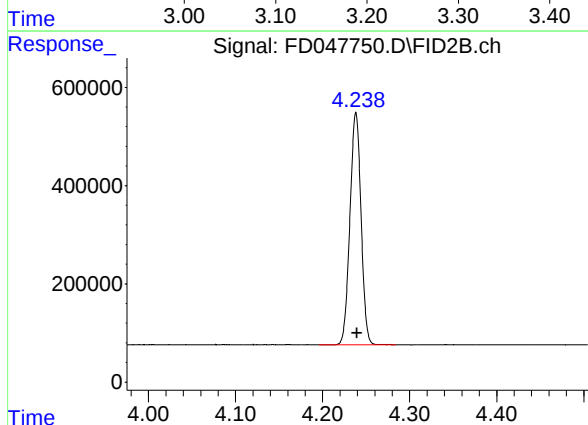




#1 n-Nonane (C9)

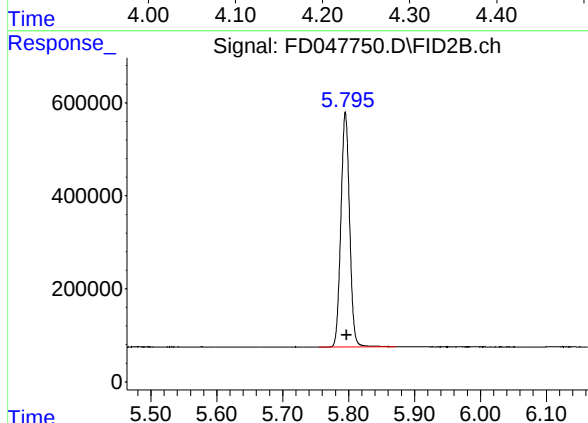
R.T.: 3.186 min  
Delta R.T.: -0.001 min  
Response: 4044983  
Conc: 21.01 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



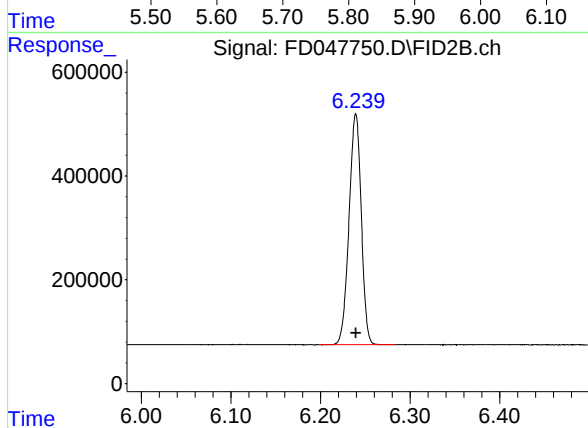
#2 n-Decane (C10)

R.T.: 4.238 min  
Delta R.T.: -0.001 min  
Response: 4179853  
Conc: 21.11 ug/ml



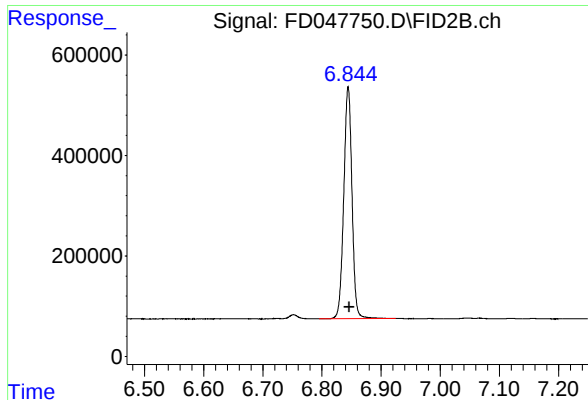
#3 A~Naphthalene (C11.7)

R.T.: 5.795 min  
Delta R.T.: -0.002 min  
Response: 4632014  
Conc: 21.27 ug/ml



#4 n-Dodecane (C12)

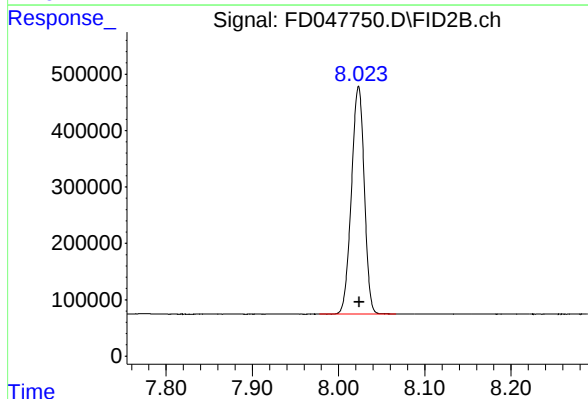
R.T.: 6.239 min  
Delta R.T.: 0.000 min  
Response: 4221955  
Conc: 21.26 ug/ml



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

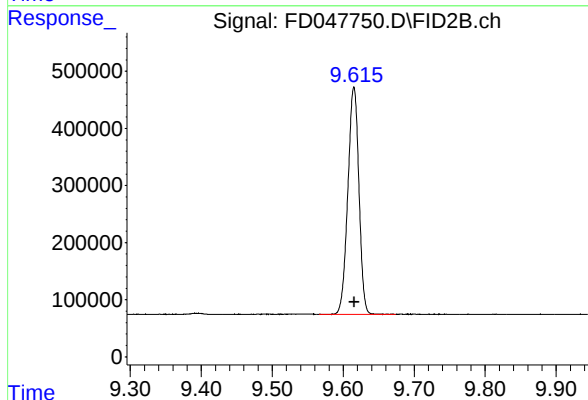
R.T.: 6.844 min  
Delta R.T.: -0.002 min  
Response: 4463123  
Conc: 21.28 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



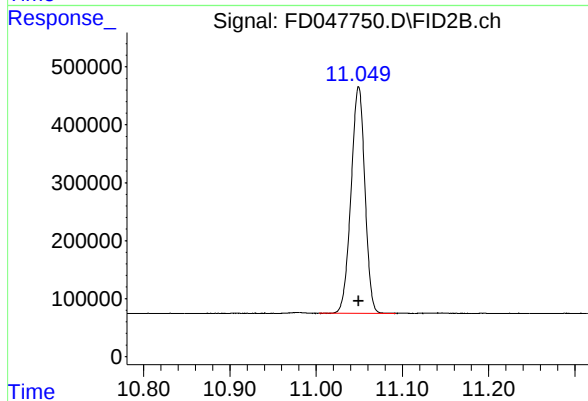
#6 n-Tetradecane (C14)

R.T.: 8.023 min  
Delta R.T.: 0.000 min  
Response: 4176156  
Conc: 21.38 ug/ml



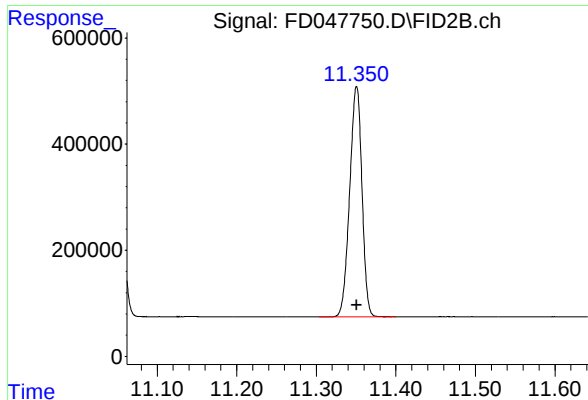
#7 n-Hexadecane (C16)

R.T.: 9.615 min  
Delta R.T.: 0.000 min  
Response: 4312810  
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

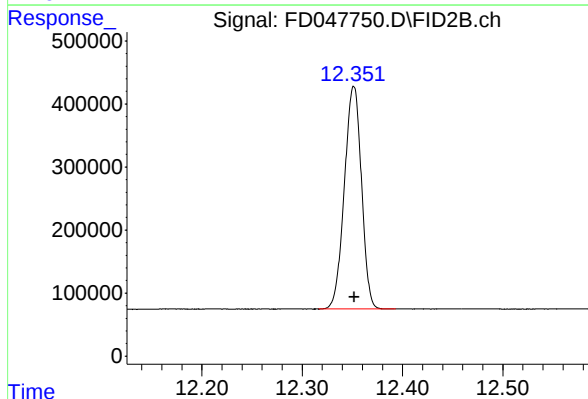
R.T.: 11.049 min  
Delta R.T.: 0.000 min  
Response: 4360627  
Conc: 21.47 ug/ml



#9 ortho-Terphenyl (SURR)

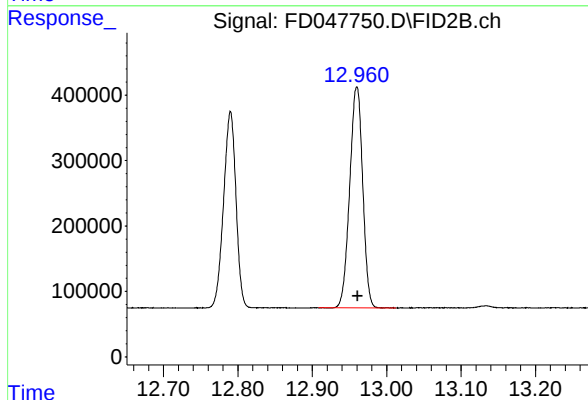
R.T.: 11.351 min  
Delta R.T.: 0.000 min  
Response: 4655054  
Conc: 21.33 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



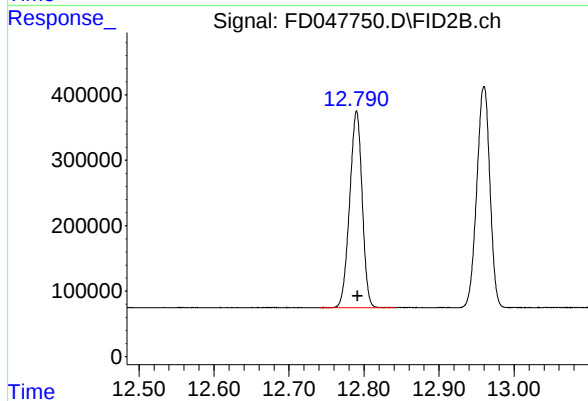
#10 n-Eicosane (C20)

R.T.: 12.352 min  
Delta R.T.: 0.000 min  
Response: 4184065  
Conc: 21.43 ug/ml



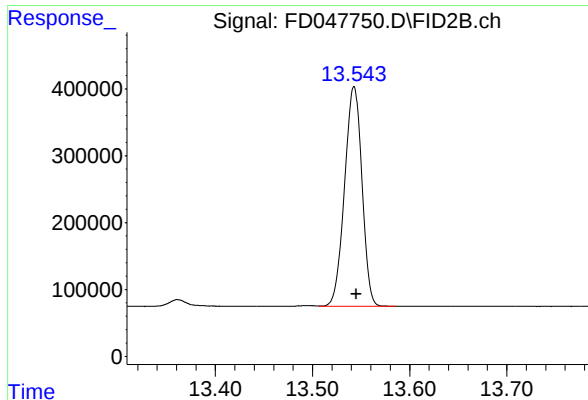
#11 n-Heneicosane (C21)

R.T.: 12.960 min  
Delta R.T.: -0.001 min  
Response: 4107048  
Conc: 21.35 ug/ml



#12 1-chlorooctadecane (SURR)

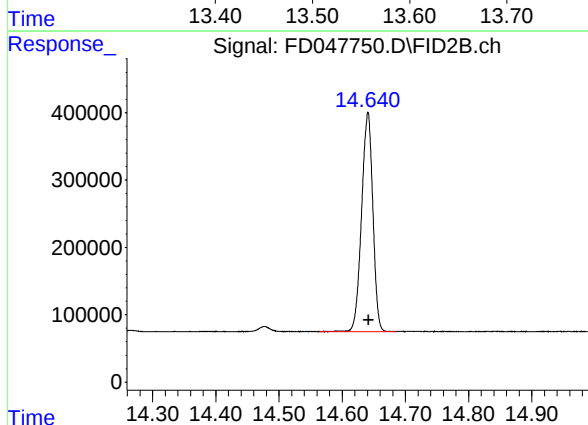
R.T.: 12.790 min  
Delta R.T.: -0.001 min  
Response: 3474333  
Conc: 21.32 ug/ml



#13 n-Docosane (C22)

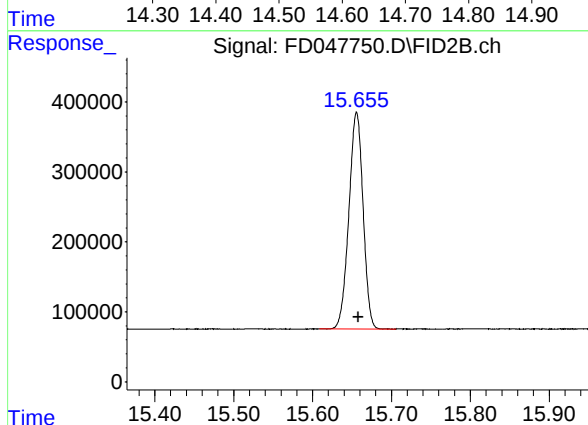
R.T.: 13.543 min  
Delta R.T.: -0.002 min  
Response: 4078302  
Conc: 21.43 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



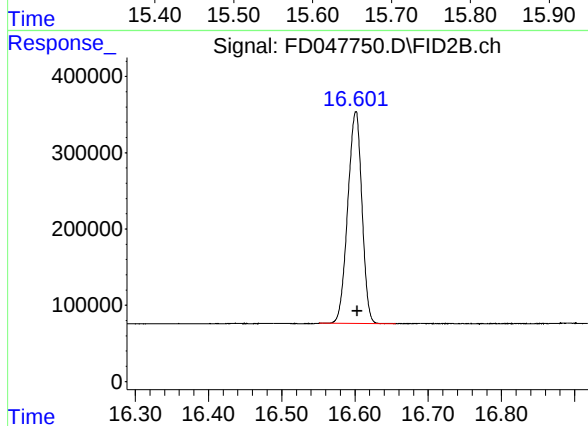
#14 n-Tetracosane (C24)

R.T.: 14.641 min  
Delta R.T.: -0.001 min  
Response: 4019434  
Conc: 21.38 ug/ml



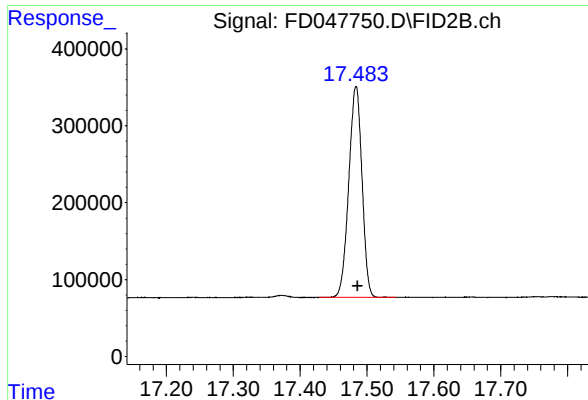
#15 n-Hexacosane (C26)

R.T.: 15.656 min  
Delta R.T.: -0.002 min  
Response: 3874316  
Conc: 21.39 ug/ml



#16 n-Octacosane (C28)

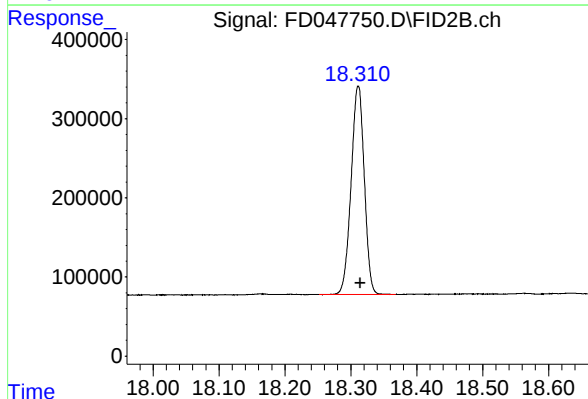
R.T.: 16.601 min  
Delta R.T.: -0.002 min  
Response: 3733644  
Conc: 21.42 ug/ml



#17 n-Tricontane (C30)

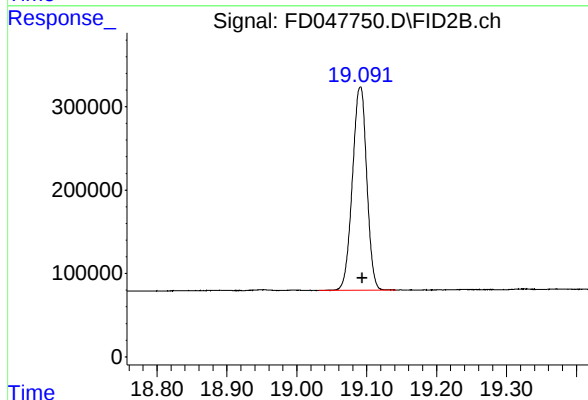
R.T.: 17.484 min  
Delta R.T.: -0.002 min  
Response: 3775334  
Conc: 21.63 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



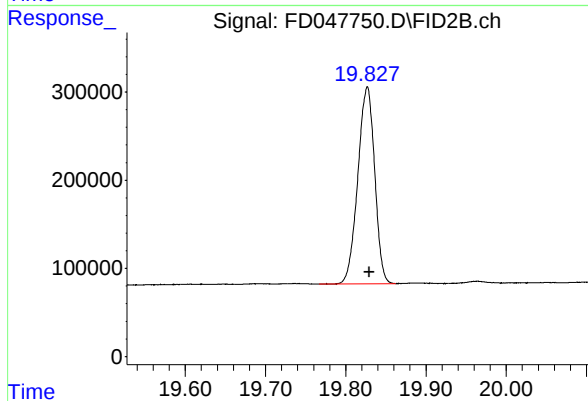
#18 n-Dotriacontane (C32)

R.T.: 18.311 min  
Delta R.T.: -0.003 min  
Response: 3665276  
Conc: 21.53 ug/ml



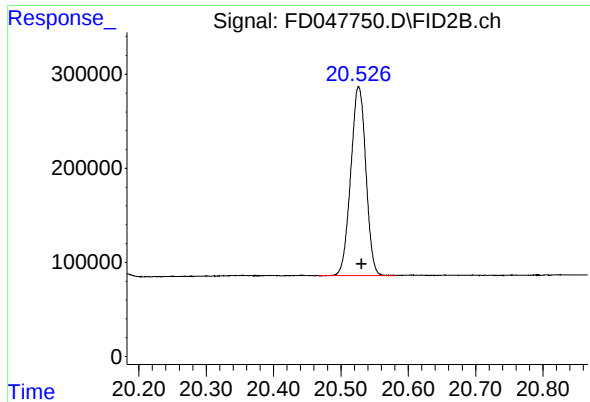
#19 n-Tetatriacontane (C34)

R.T.: 19.091 min  
Delta R.T.: -0.003 min  
Response: 3479262  
Conc: 21.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.827 min  
Delta R.T.: -0.002 min  
Response: 3258865  
Conc: 21.32 ug/ml



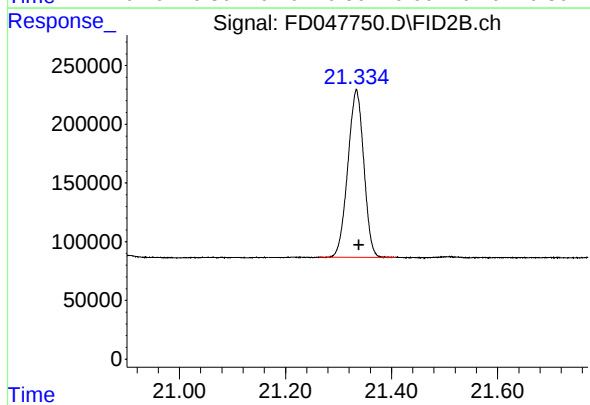
#21 n-Octatriacontane (C38)

R.T.: 20.526 min  
Delta R.T.: -0.005 min  
Response: 3136454  
Conc: 21.33 ug/ml

Instrument :

FID\_D

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.334 min  
Delta R.T.: -0.005 min  
Response: 2985917  
Conc: 21.05 ug/ml