

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091523AL\  
 Data File : FD046496.D  
 Signal(s) : FID2B.ch  
 Acq On : 15 Sep 2023 02:33  
 Operator : YP/AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Sep 15 04:50:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 091523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 15 04:46:37 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)    | 11.388 | 9950319    | 48.511 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 97.02%       |
| 12) S 1-chlorooctadecane (S... | 12.820 | 7425467    | 48.587 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 97.17%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.221  | 7661710    | 48.235 ug/ml |
| 2) T n-Decane (C10)            | 4.274  | 7832823    | 48.282 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.833  | 8707806    | 48.189 ug/ml |
| 4) T n-Dodecane (C12)          | 6.275  | 7918890    | 48.416 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.882  | 8510436    | 48.478 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.059  | 7904244    | 48.482 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.651  | 8294022    | 48.476 ug/ml |
| 8) T n-Octadecane (C18)        | 11.084 | 8589397    | 48.504 ug/ml |
| 10) T n-Eicosane (C20)         | 12.382 | 8461124    | 48.532 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.990 | 8419900    | 48.547 ug/ml |
| 13) T n-Docosane (C22)         | 13.572 | 8447931    | 48.544 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.667 | 8522008    | 48.525 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.680 | 8342413    | 48.537 ug/ml |
| 16) T n-Octacosane (C28)       | 16.621 | 8050380    | 48.503 ug/ml |
| 17) T n-Tricontane (C30)       | 17.502 | 7921871    | 48.444 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.328 | 7494504    | 48.385 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.104 | 7154264    | 47.881 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.836 | 6585425    | 48.579 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.536 | 6312779    | 48.676 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.349 | 5997763    | 48.697 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

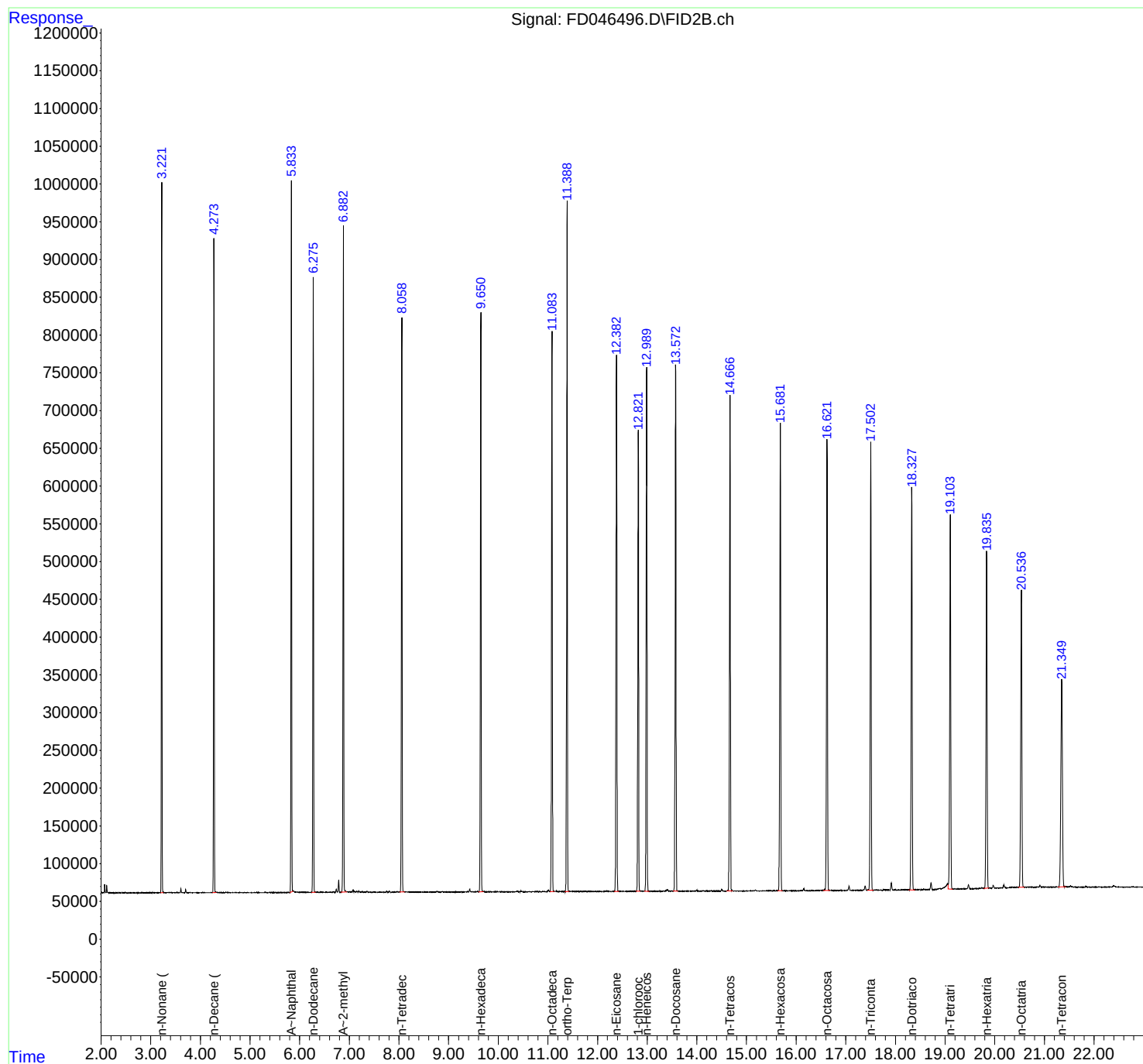
(m)=manual int.

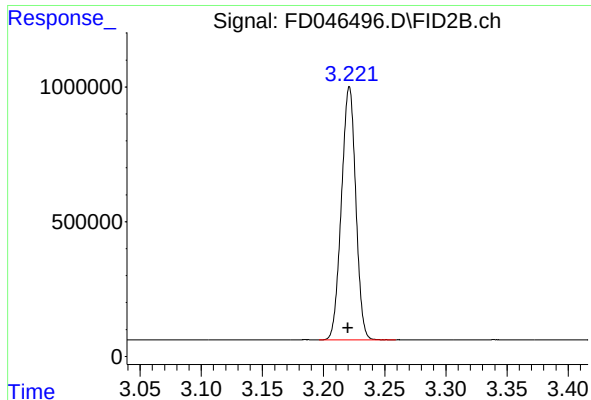
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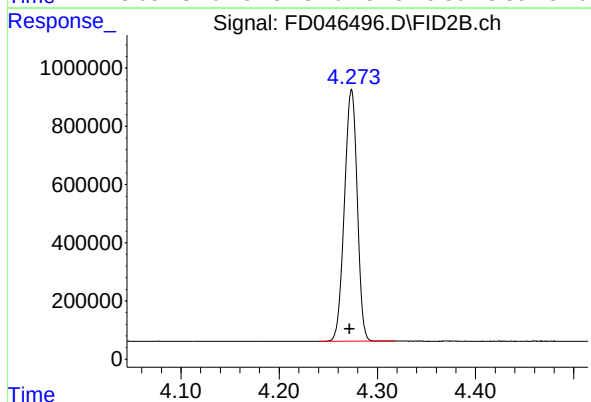




#1 n-Nonane (C9)

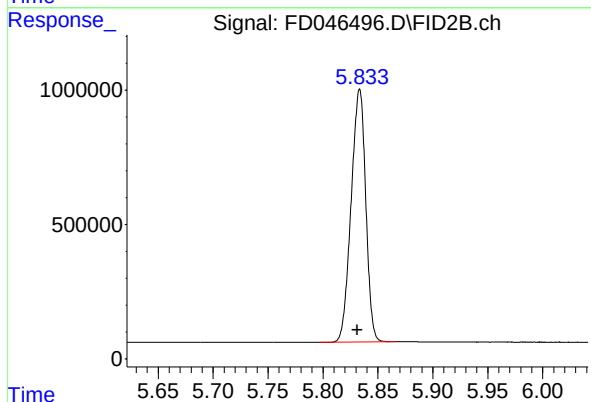
R.T.: 3.221 min  
Delta R.T.: 0.001 min  
Response: 7661710  
Conc: 48.23 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



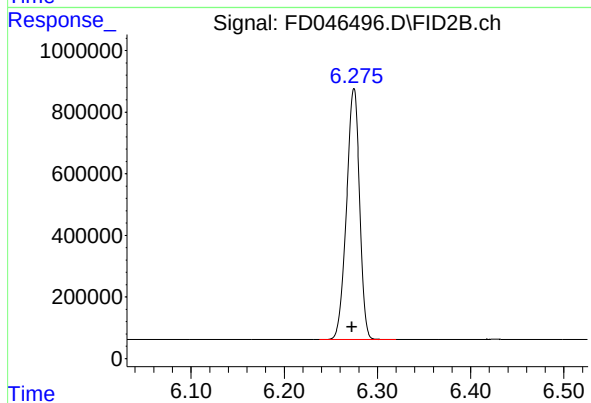
#2 n-Decane (C10)

R.T.: 4.274 min  
Delta R.T.: 0.002 min  
Response: 7832823  
Conc: 48.28 ug/ml



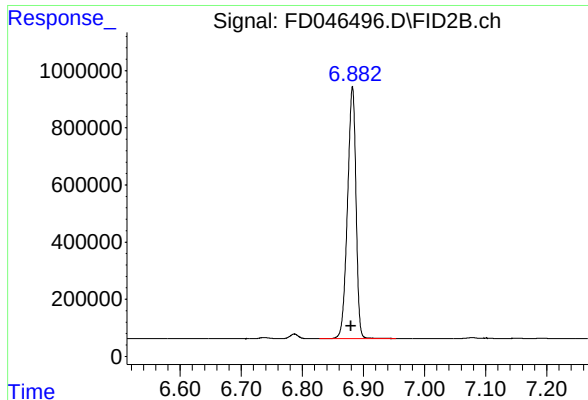
#3 A~Naphthalene (C11.7)

R.T.: 5.833 min  
Delta R.T.: 0.002 min  
Response: 8707806  
Conc: 48.19 ug/ml



#4 n-Dodecane (C12)

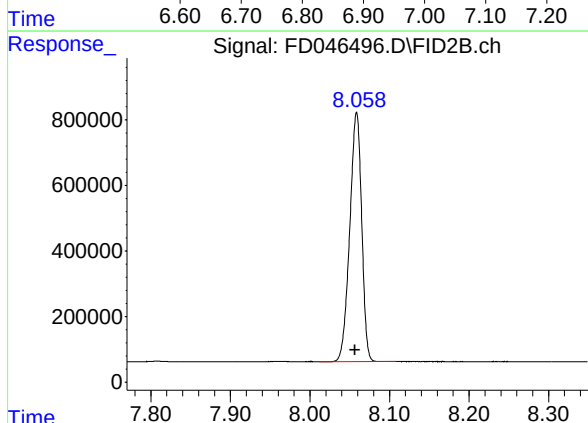
R.T.: 6.275 min  
Delta R.T.: 0.002 min  
Response: 7918890  
Conc: 48.42 ug/ml



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

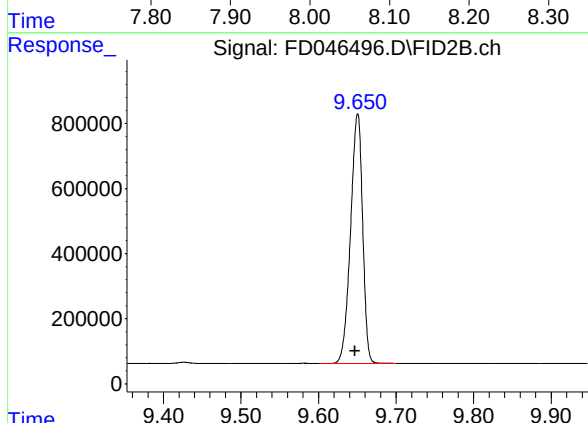
R.T.: 6.882 min  
Delta R.T.: 0.002 min  
Response: 8510436  
Conc: 48.48 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



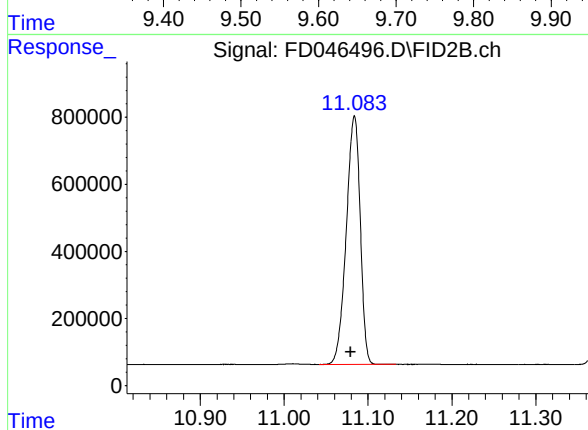
#6 n-Tetradecane (C14)

R.T.: 8.059 min  
Delta R.T.: 0.002 min  
Response: 7904244  
Conc: 48.48 ug/ml



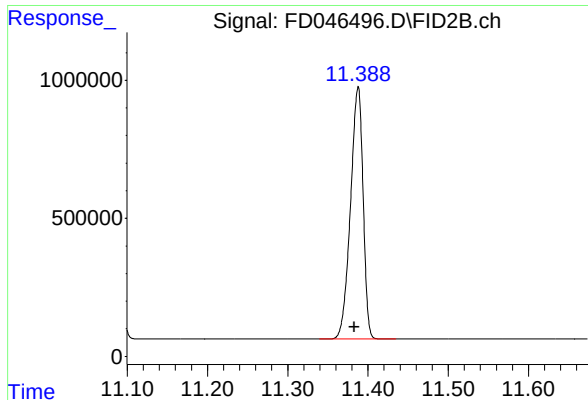
#7 n-Hexadecane (C16)

R.T.: 9.651 min  
Delta R.T.: 0.004 min  
Response: 8294022  
Conc: 48.48 ug/ml



#8 n-Octadecane (C18)

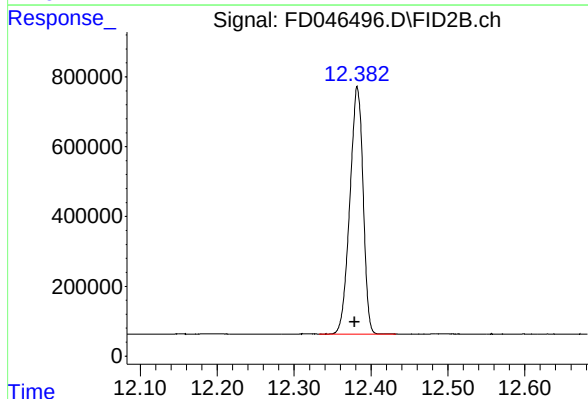
R.T.: 11.084 min  
Delta R.T.: 0.004 min  
Response: 8589397  
Conc: 48.50 ug/ml



#9 ortho-Terphenyl (SURR)

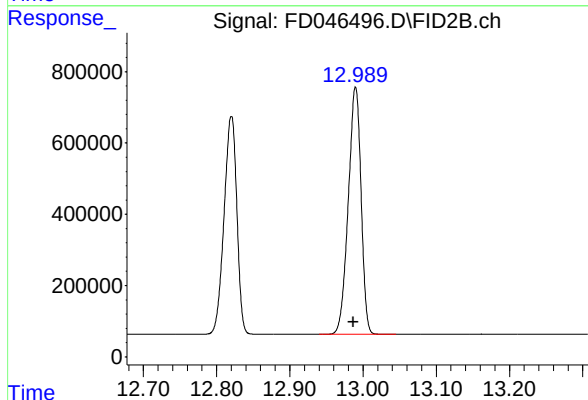
R.T.: 11.388 min  
Delta R.T.: 0.005 min  
Response: 9950319  
Conc: 48.51 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



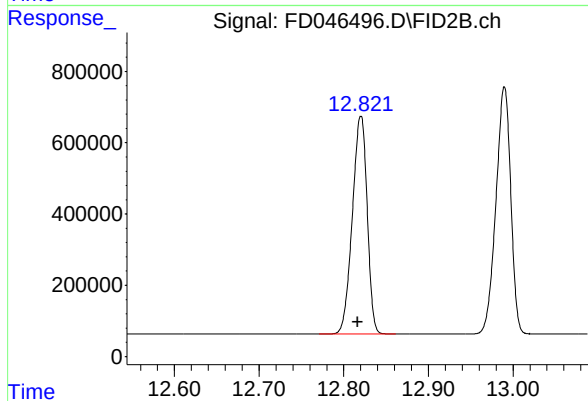
#10 n-Eicosane (C20)

R.T.: 12.382 min  
Delta R.T.: 0.003 min  
Response: 8461124  
Conc: 48.53 ug/ml



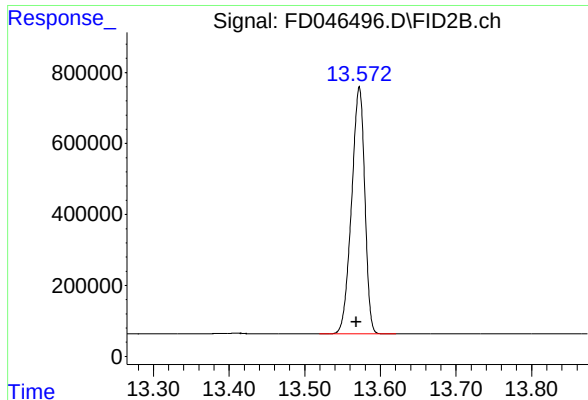
#11 n-Heneicosane (C21)

R.T.: 12.990 min  
Delta R.T.: 0.003 min  
Response: 8419900  
Conc: 48.55 ug/ml



#12 1-chlorooctadecane (SURR)

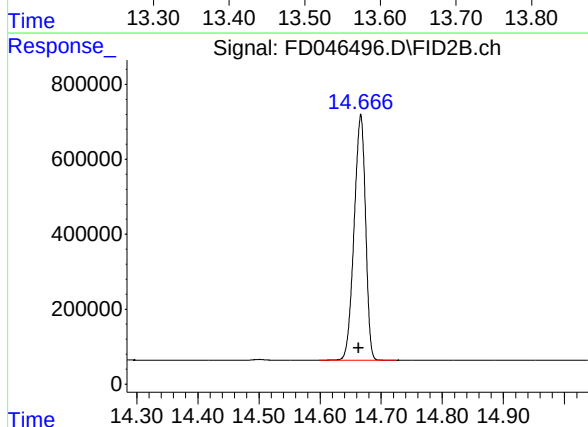
R.T.: 12.820 min  
Delta R.T.: 0.004 min  
Response: 7425467  
Conc: 48.59 ug/ml



#13 n-Docosane (C22)

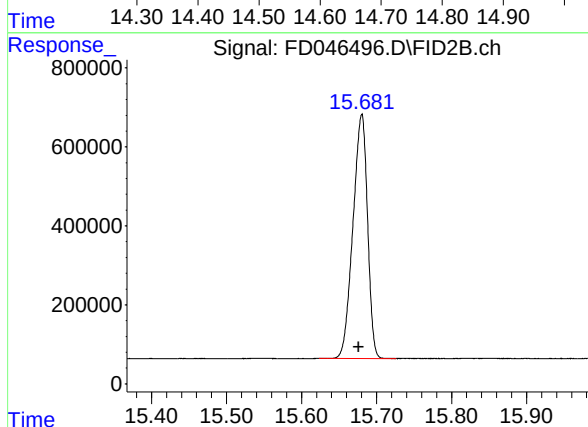
R.T.: 13.572 min  
Delta R.T.: 0.004 min  
Response: 8447931  
Conc: 48.54 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



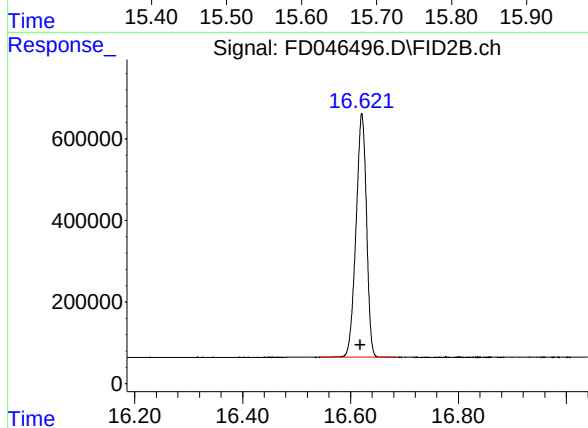
#14 n-Tetracosane (C24)

R.T.: 14.667 min  
Delta R.T.: 0.003 min  
Response: 8522008  
Conc: 48.52 ug/ml



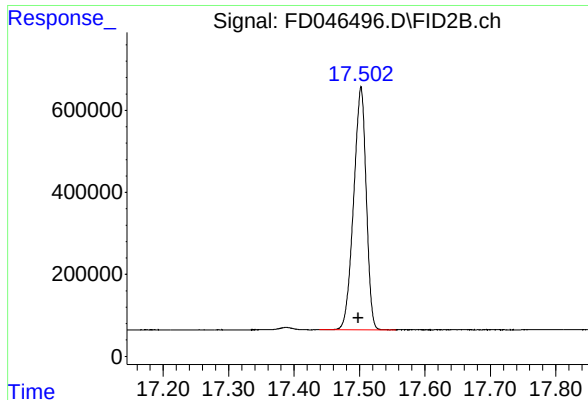
#15 n-Hexacosane (C26)

R.T.: 15.680 min  
Delta R.T.: 0.004 min  
Response: 8342413  
Conc: 48.54 ug/ml



#16 n-Octacosane (C28)

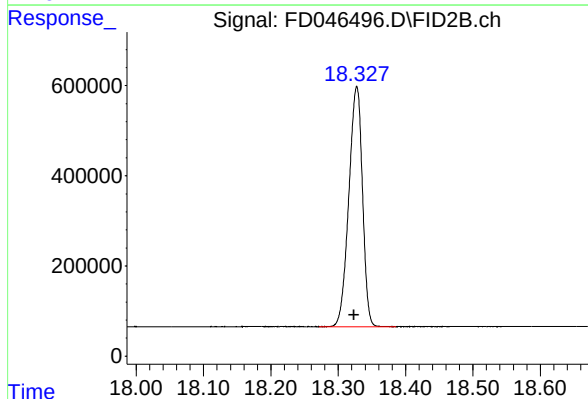
R.T.: 16.621 min  
Delta R.T.: 0.003 min  
Response: 8050380  
Conc: 48.50 ug/ml



#17 n-Tricontane (C30)

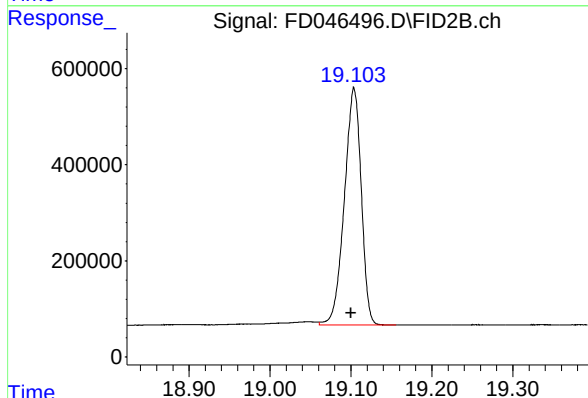
R.T.: 17.502 min  
Delta R.T.: 0.004 min  
Response: 7921871  
Conc: 48.44 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



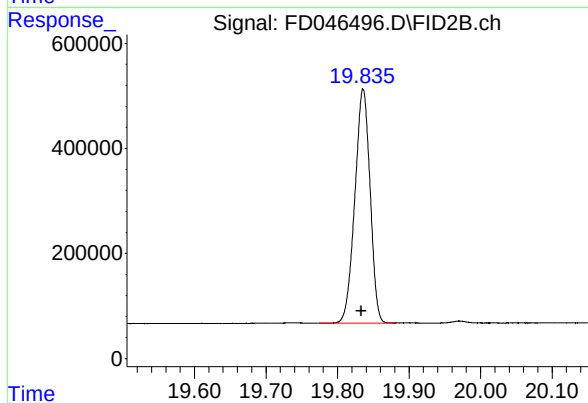
#18 n-Dotriacontane (C32)

R.T.: 18.328 min  
Delta R.T.: 0.004 min  
Response: 7494504  
Conc: 48.39 ug/ml



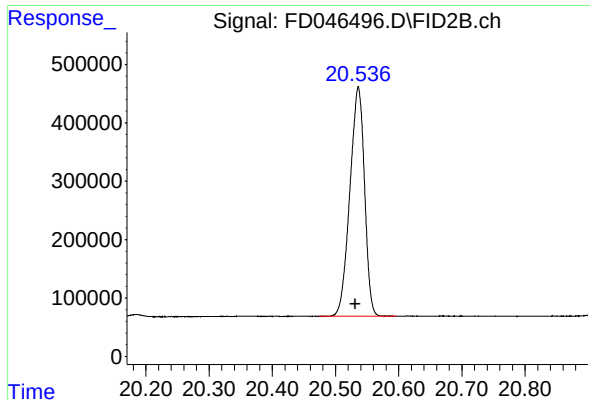
#19 n-Tetatriacontane (C34)

R.T.: 19.104 min  
Delta R.T.: 0.004 min  
Response: 7154264  
Conc: 47.88 ug/ml



#20 n-Hexatriacontane (C36)

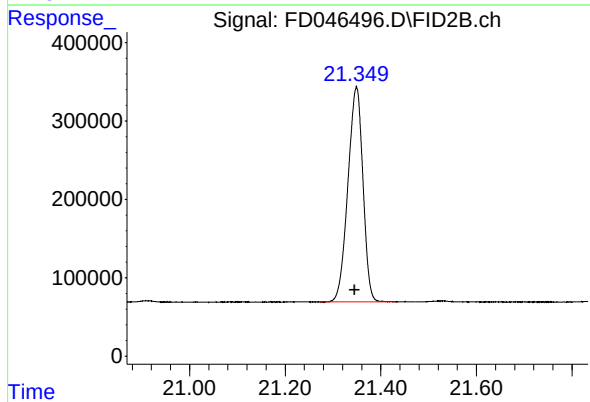
R.T.: 19.836 min  
Delta R.T.: 0.002 min  
Response: 6585425  
Conc: 48.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.536 min  
Delta R.T.: 0.005 min  
Response: 6312779  
Conc: 48.68 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.349 min  
Delta R.T.: 0.004 min  
Response: 5997763  
Conc: 48.70 ug/ml