

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072822AL\  
 Data File : FD043408.D  
 Signal(s) : FID2B.ch  
 Acq On : 29 Jul 2022 03:30  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 29 03:52:23 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 072522.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 26 05:37:25 2022  
 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)    | 11.533 | 3231874    | 20.417 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.83%       |
| 12) S 1-chlorooctadecane (S... | 12.969 | 2492838    | 20.340 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.68%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.313  | 3111901    | 22.201 ug/ml |
| 2) T n-Decane (C10)            | 4.377  | 3136485    | 22.307 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.957  | 3376026    | 22.219 ug/ml |
| 4) T n-Dodecane (C12)          | 6.392  | 3132341    | 22.008 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.011  | 3311719    | 22.133 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.184  | 3101080    | 21.861 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.780  | 3090999    | 21.794 ug/ml |
| 8) T n-Octadecane (C18)        | 11.220 | 3071375    | 21.480 ug/ml |
| 10) T n-Eicosane (C20)         | 12.526 | 3006466    | 20.764 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.137 | 2956358    | 20.354 ug/ml |
| 13) T n-Docosane (C22)         | 13.721 | 2947214    | 20.315 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.821 | 2886446    | 19.924 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.839 | 2826159    | 19.648 ug/ml |
| 16) T n-Octacosane (C28)       | 16.786 | 2779907    | 19.651 ug/ml |
| 17) T n-Tricontane (C30)       | 17.672 | 2830515    | 20.054 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.501 | 2841004    | 20.544 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.283 | 2727614    | 21.196 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.019 | 2568135    | 20.821 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.741 | 3680026    | 31.121 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.619 | 3396374    | 30.037 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

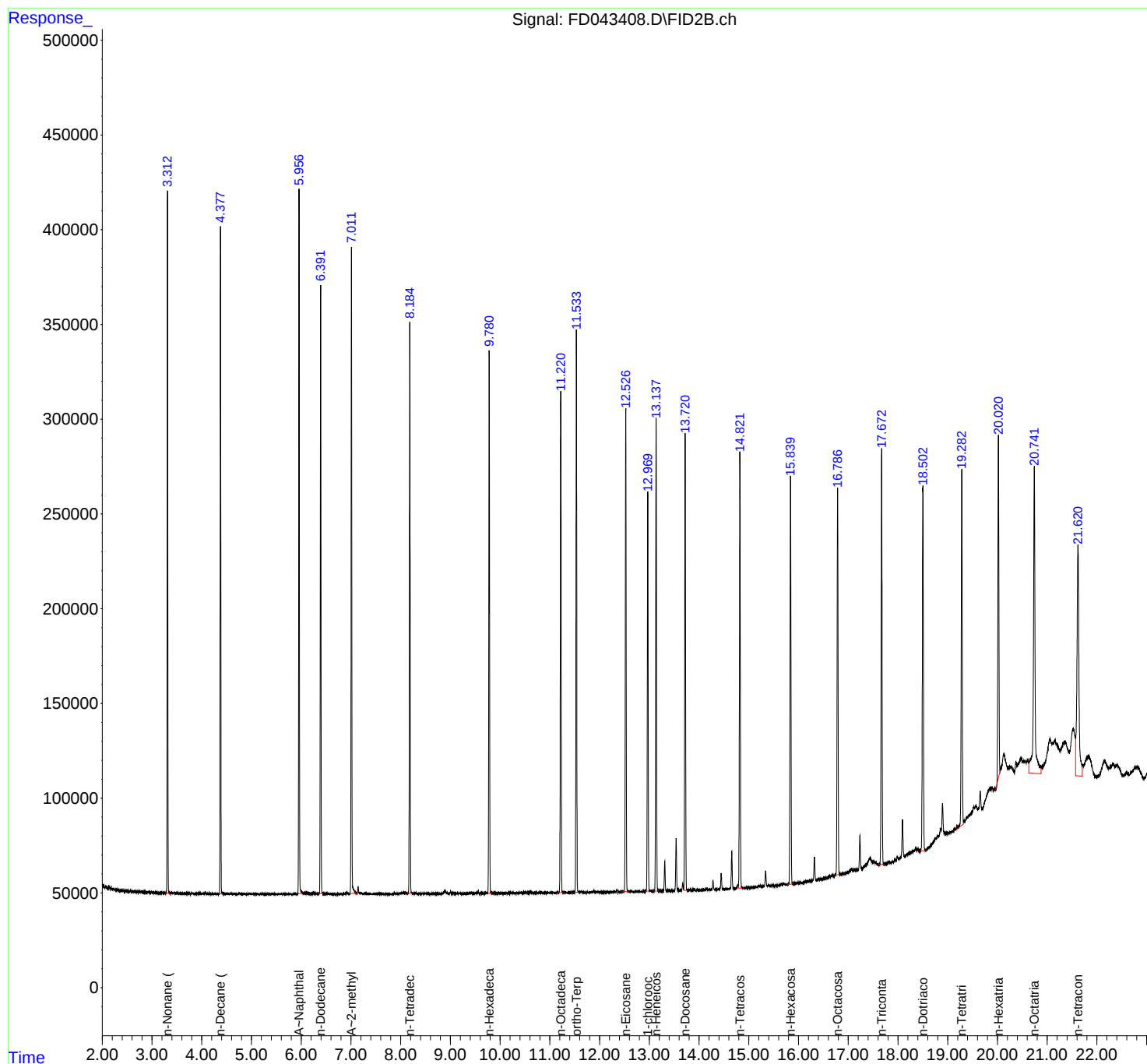
(m)=manual int.

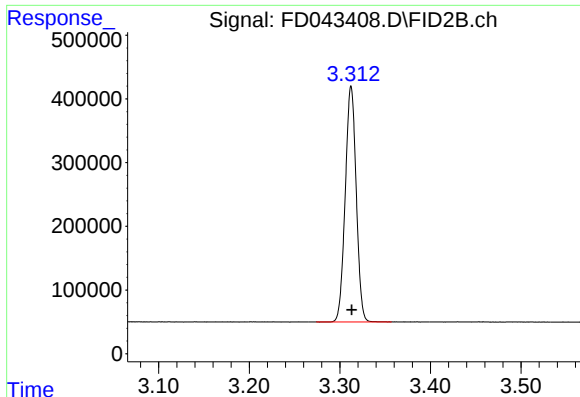
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072822AL\  
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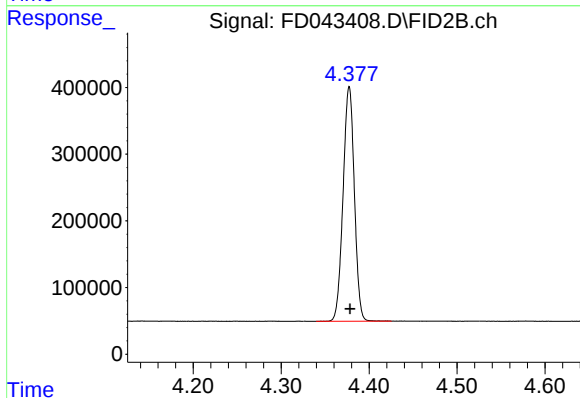




#1 n-Nonane (C9)

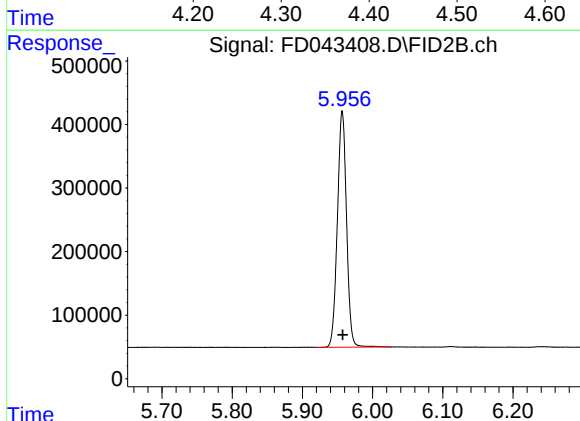
R.T.: 3.313 min  
Delta R.T.: 0.000 min  
Response: 3111901  
Conc: 22.20 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



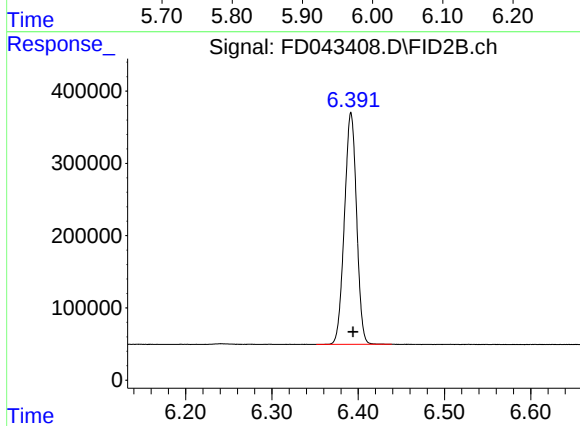
#2 n-Decane (C10)

R.T.: 4.377 min  
Delta R.T.: -0.001 min  
Response: 3136485  
Conc: 22.31 ug/ml



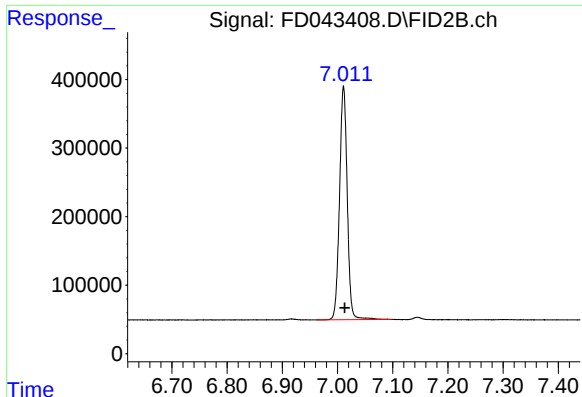
#3 A~Naphthalene (C11.7)

R.T.: 5.957 min  
Delta R.T.: 0.000 min  
Response: 3376026  
Conc: 22.22 ug/ml



#4 n-Dodecane (C12)

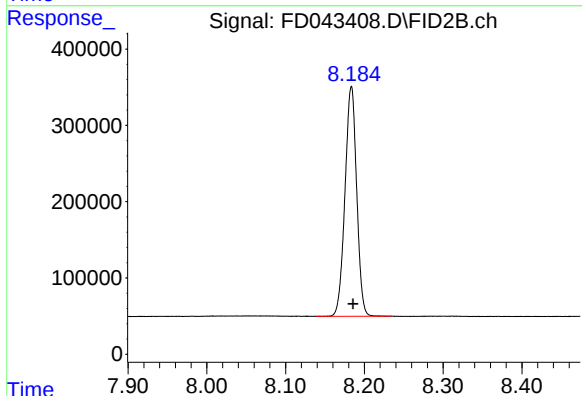
R.T.: 6.392 min  
Delta R.T.: -0.002 min  
Response: 3132341  
Conc: 22.01 ug/ml



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

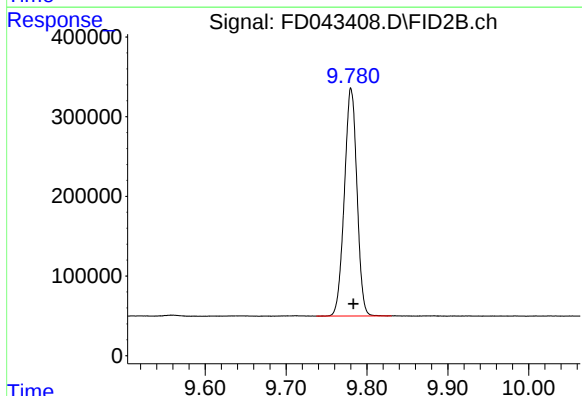
R.T.: 7.011 min  
Delta R.T.: -0.002 min  
Response: 3311719  
Conc: 22.13 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



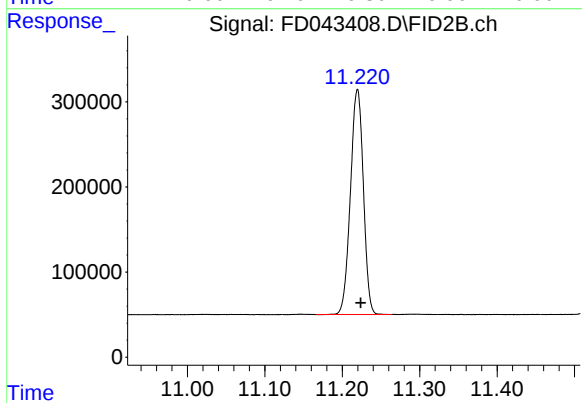
#6 n-Tetradecane (C14)

R.T.: 8.184 min  
Delta R.T.: -0.002 min  
Response: 3101080  
Conc: 21.86 ug/ml



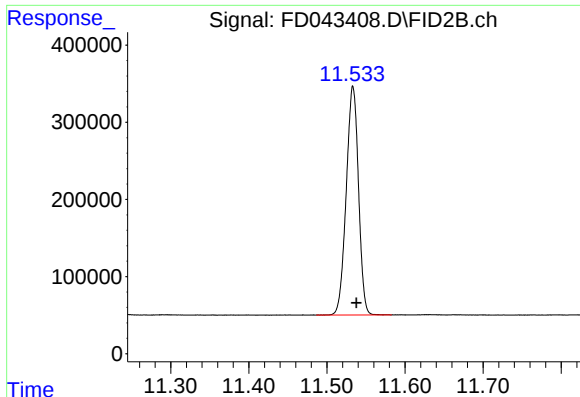
#7 n-Hexadecane (C16)

R.T.: 9.780 min  
Delta R.T.: -0.003 min  
Response: 3090999  
Conc: 21.79 ug/ml



#8 n-Octadecane (C18)

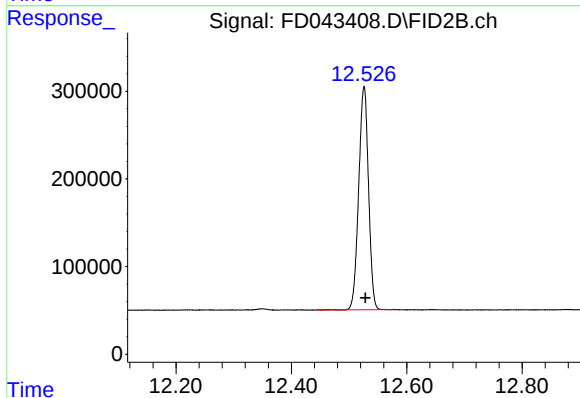
R.T.: 11.220 min  
Delta R.T.: -0.004 min  
Response: 3071375  
Conc: 21.48 ug/ml



#9 ortho-Terphenyl (SURR)

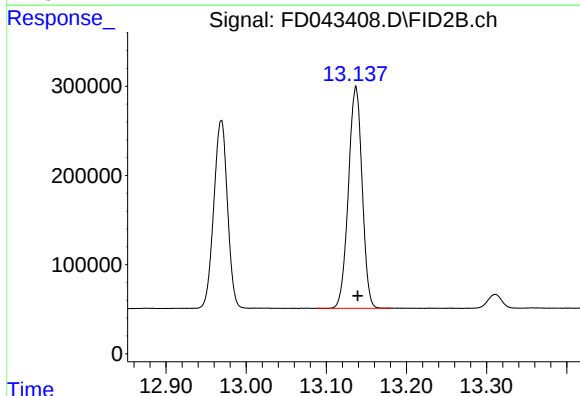
R.T.: 11.533 min  
Delta R.T.: -0.004 min  
Response: 3231874  
Conc: 20.42 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



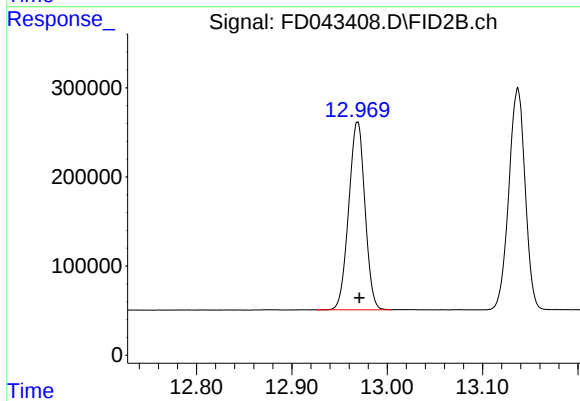
#10 n-Eicosane (C20)

R.T.: 12.526 min  
Delta R.T.: -0.002 min  
Response: 3006466  
Conc: 20.76 ug/ml



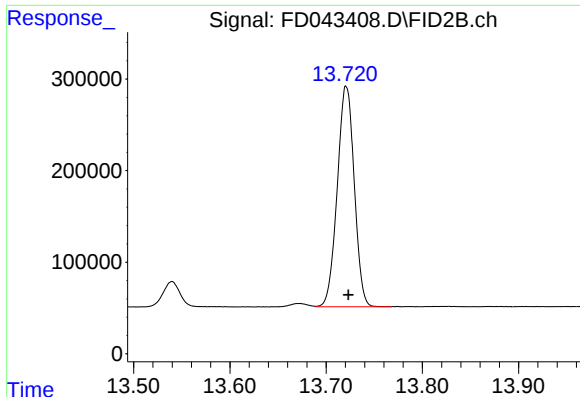
#11 n-Heneicosane (C21)

R.T.: 13.137 min  
Delta R.T.: -0.002 min  
Response: 2956358  
Conc: 20.35 ug/ml



#12 1-chlorooctadecane (SURR)

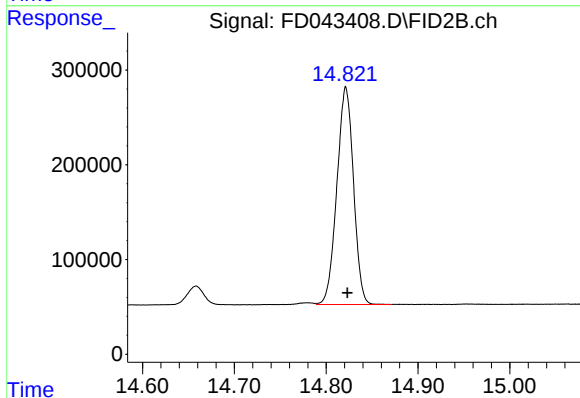
R.T.: 12.969 min  
Delta R.T.: -0.002 min  
Response: 2492838  
Conc: 20.34 ug/ml



#13 n-Docosane (C22)

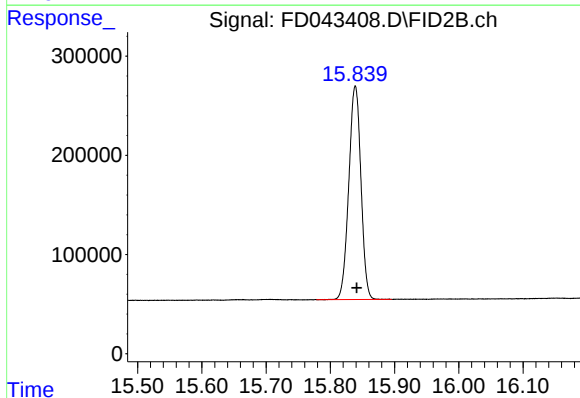
R.T.: 13.721 min  
Delta R.T.: -0.002 min  
Response: 2947214  
Conc: 20.31 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



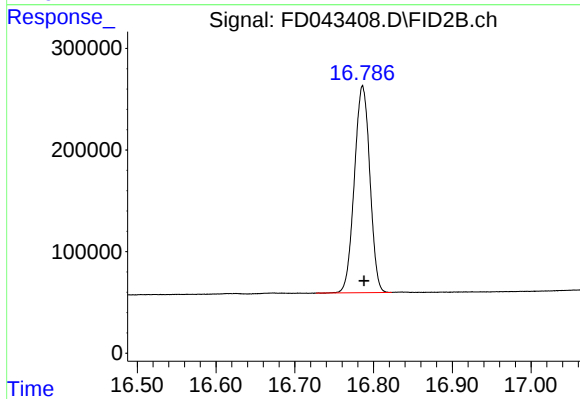
#14 n-Tetracosane (C24)

R.T.: 14.821 min  
Delta R.T.: -0.002 min  
Response: 2886446  
Conc: 19.92 ug/ml



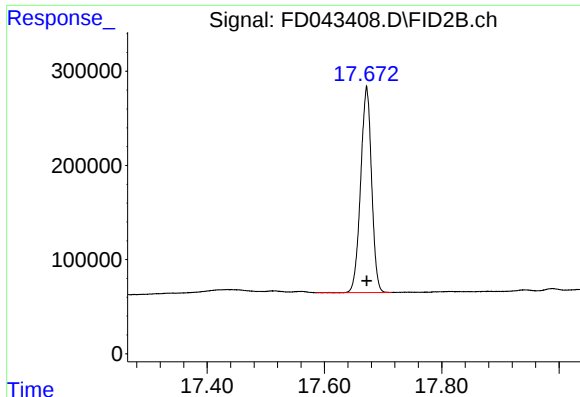
#15 n-Hexacosane (C26)

R.T.: 15.839 min  
Delta R.T.: -0.002 min  
Response: 2826159  
Conc: 19.65 ug/ml



#16 n-Octacosane (C28)

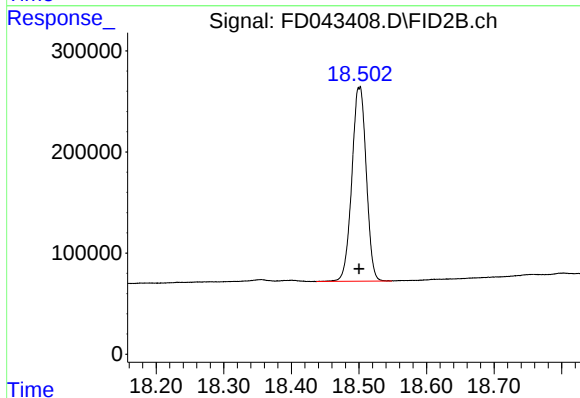
R.T.: 16.786 min  
Delta R.T.: -0.002 min  
Response: 2779907  
Conc: 19.65 ug/ml



#17 n-Tricontane (C30)

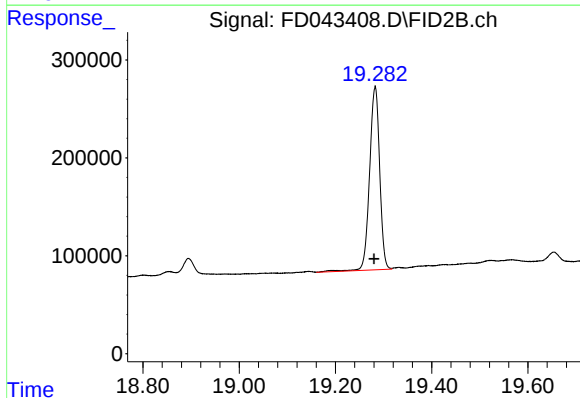
R.T.: 17.672 min  
Delta R.T.: 0.000 min  
Response: 2830515  
Conc: 20.05 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



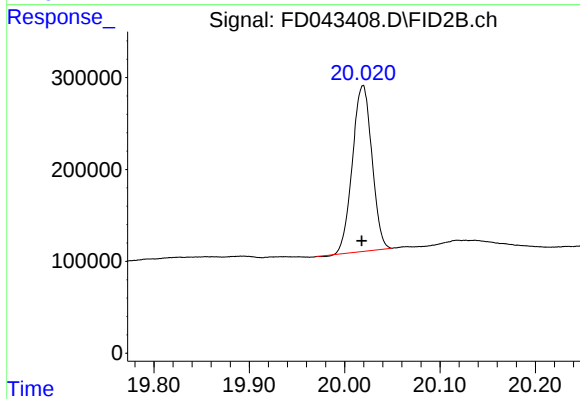
#18 n-Dotriacontane (C32)

R.T.: 18.501 min  
Delta R.T.: 0.000 min  
Response: 2841004  
Conc: 20.54 ug/ml



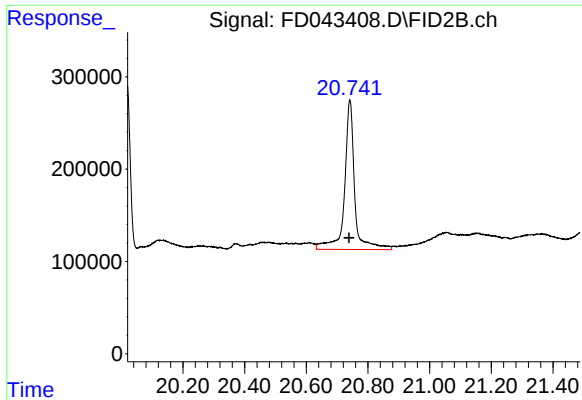
#19 n-Tetratriacontane (C34)

R.T.: 19.283 min  
Delta R.T.: 0.002 min  
Response: 2727614  
Conc: 21.20 ug/ml



#20 n-Hexatriacontane (C36)

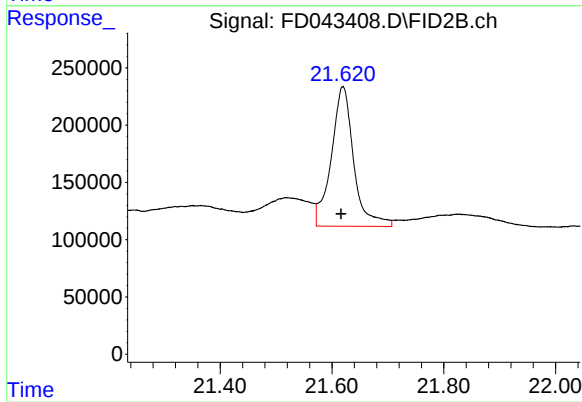
R.T.: 20.019 min  
Delta R.T.: 0.001 min  
Response: 2568135  
Conc: 20.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.741 min  
Delta R.T.: 0.003 min  
Response: 3680026  
Conc: 31.12 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.619 min  
Delta R.T.: 0.003 min  
Response: 3396374  
Conc: 30.04 ug/ml