

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020824AL\  
 Data File : FD047202.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Feb 2024 18:52  
 Operator : YP/AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e  
 Quant Time: Feb 09 05:32:07 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 020824.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 09 05:30:56 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)    | 11.354 | 1792169    | 9.928 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 19.86%       |
| 12) S 1-chlorooctadecane (S... | 12.791 | 1370625    | 9.869 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 19.74%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.198  | 1560822    | 10.095 ug/ml |
| 2) T n-Decane (C10)            | 4.249  | 1598924    | 10.134 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.806  | 1735541    | 10.016 ug/ml |
| 4) T n-Dodecane (C12)          | 6.249  | 1620042    | 10.095 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.854  | 1687040    | 10.016 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.031  | 1613231    | 10.041 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.622  | 1670489    | 9.973 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.053 | 1691032    | 9.893 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.353 | 1638621    | 9.932 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.961 | 1612212    | 9.913 ug/ml  |
| 13) T n-Docosane (C22)         | 13.543 | 1601623    | 9.907 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.637 | 1581313    | 9.891 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.649 | 1537636    | 9.864 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.592 | 1483327    | 9.861 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.472 | 1471597    | 9.918 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.297 | 1399349    | 9.944 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.075 | 1310716    | 9.939 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.807 | 1242354    | 10.134 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.505 | 1175054    | 9.980 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.309 | 1126283    | 9.918 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

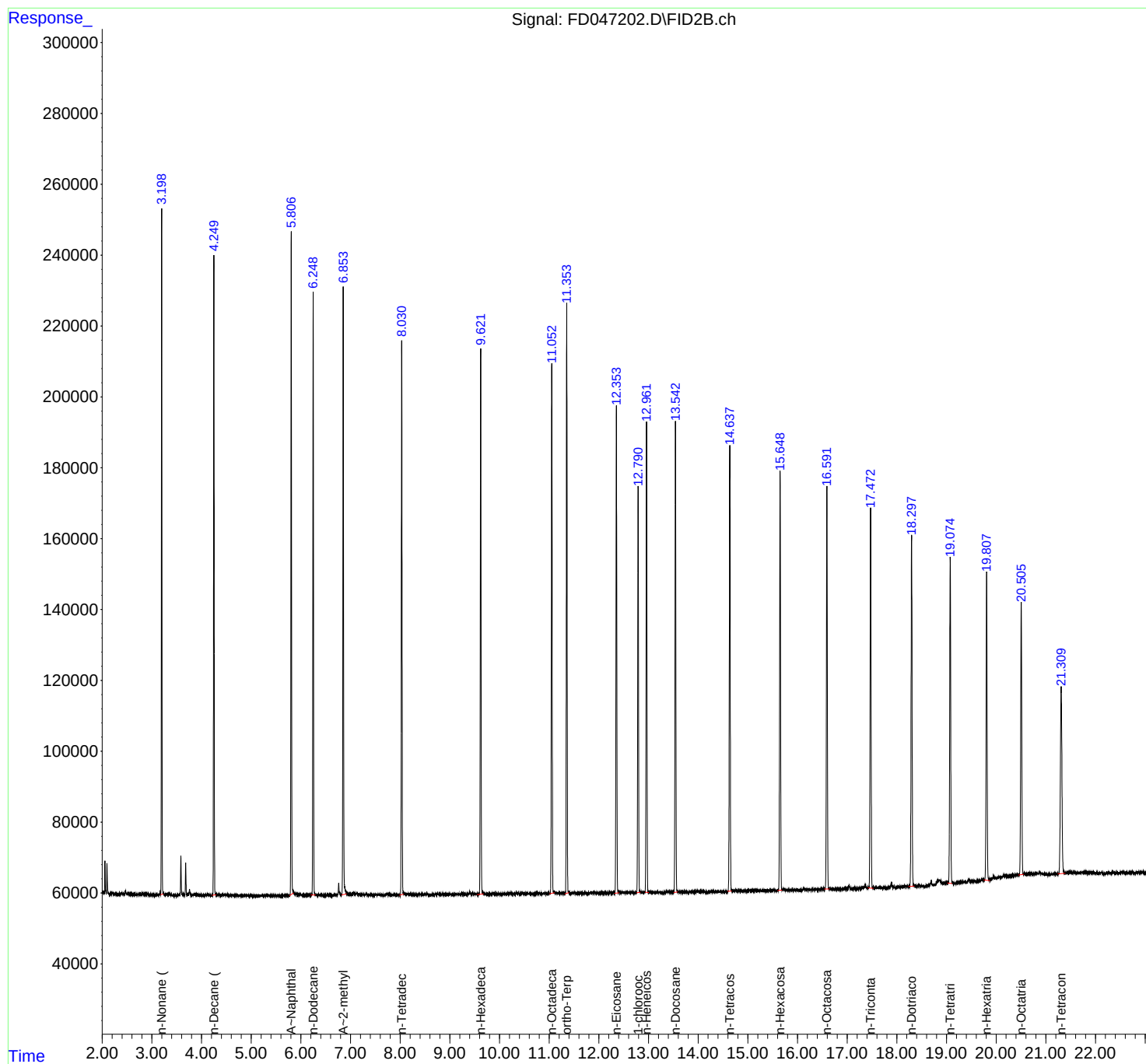
(m)=manual int.

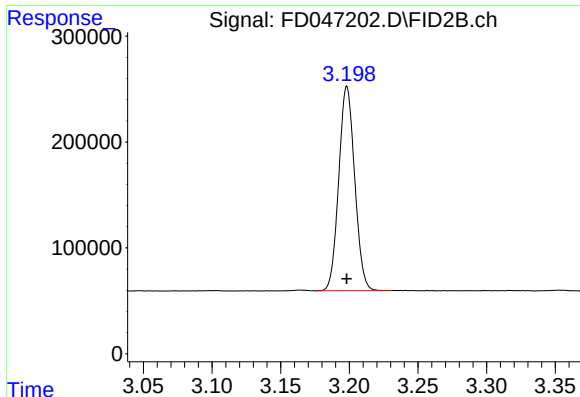
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020824AL\  
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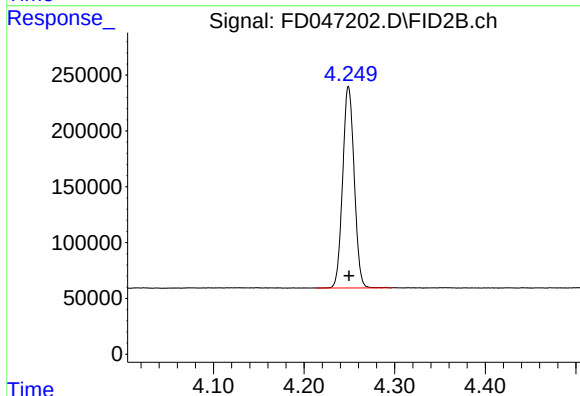




#1 n-Nonane (C9)

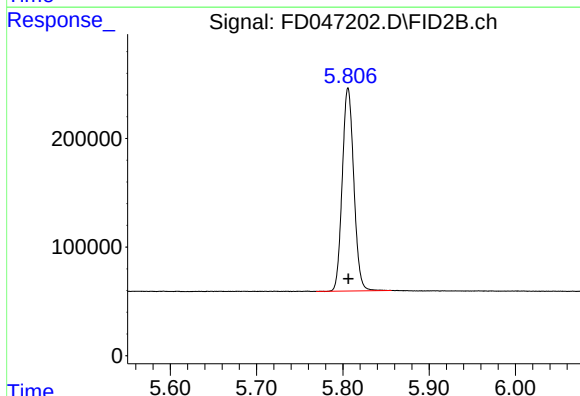
R.T.: 3.198 min  
Delta R.T.: 0.000 min  
Response: 1560822  
Conc: 10.09 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



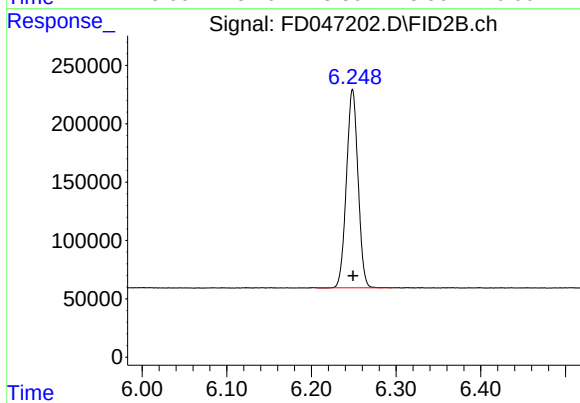
#2 n-Decane (C10)

R.T.: 4.249 min  
Delta R.T.: 0.000 min  
Response: 1598924  
Conc: 10.13 ug/ml



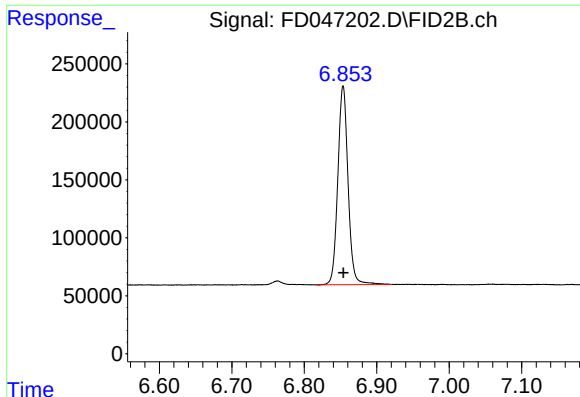
#3 A~Naphthalene (C11.7)

R.T.: 5.806 min  
Delta R.T.: 0.000 min  
Response: 1735541  
Conc: 10.02 ug/ml



#4 n-Dodecane (C12)

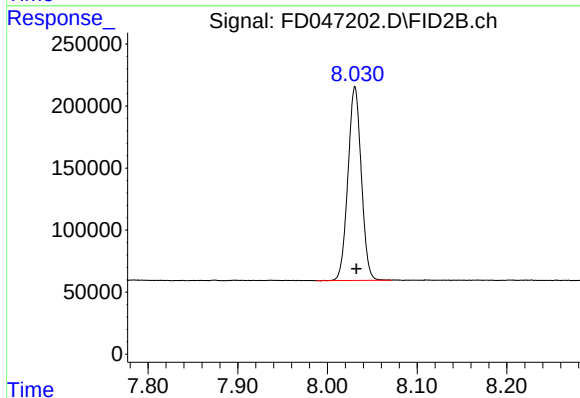
R.T.: 6.249 min  
Delta R.T.: 0.000 min  
Response: 1620042  
Conc: 10.10 ug/ml



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

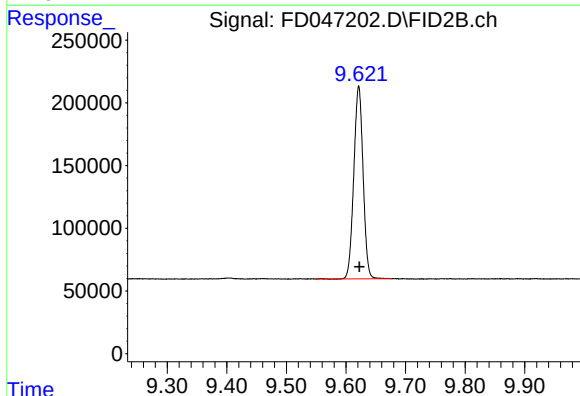
R.T.: 6.854 min  
Delta R.T.: 0.000 min  
Response: 1687040  
Conc: 10.02 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



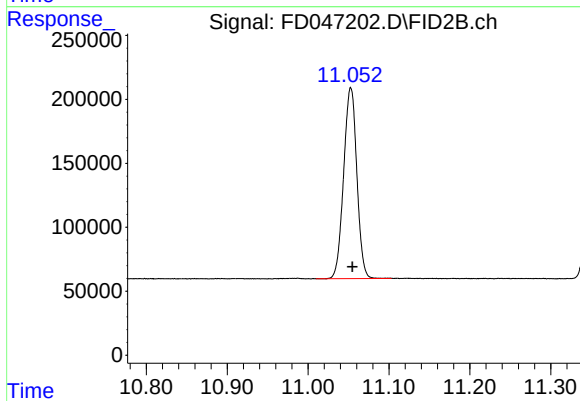
#6 n-Tetradecane (C14)

R.T.: 8.031 min  
Delta R.T.: -0.001 min  
Response: 1613231  
Conc: 10.04 ug/ml



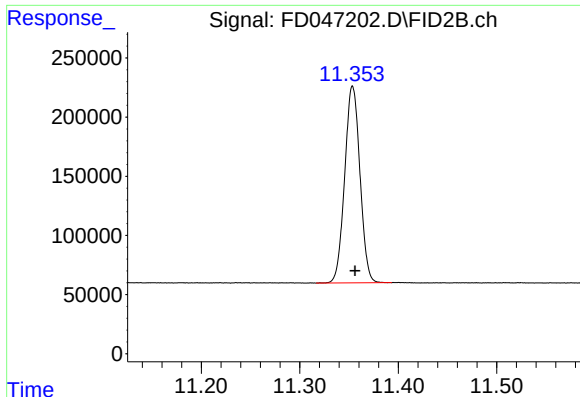
#7 n-Hexadecane (C16)

R.T.: 9.622 min  
Delta R.T.: 0.000 min  
Response: 1670489  
Conc: 9.97 ug/ml



#8 n-Octadecane (C18)

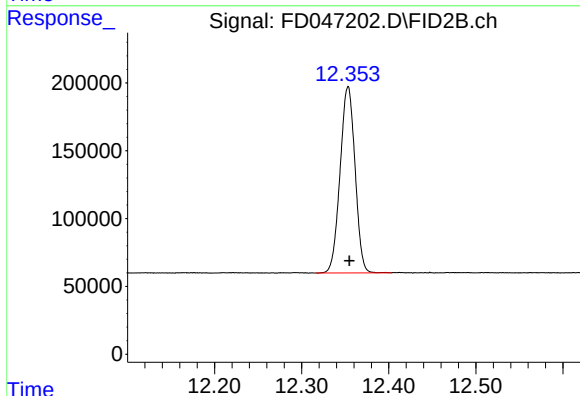
R.T.: 11.053 min  
Delta R.T.: -0.002 min  
Response: 1691032  
Conc: 9.89 ug/ml



#9 ortho-Terphenyl (SURR)

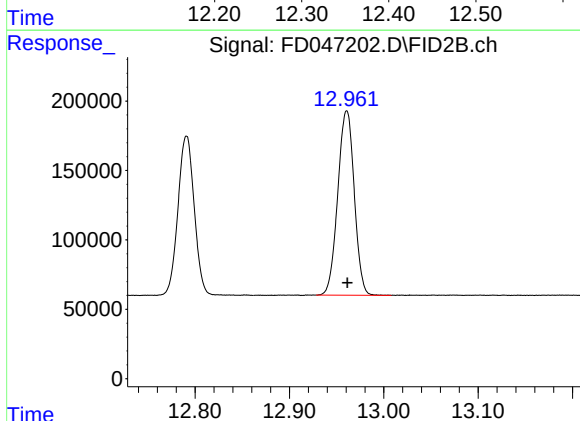
R.T.: 11.354 min  
Delta R.T.: -0.003 min  
Response: 1792169  
Conc: 9.93 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



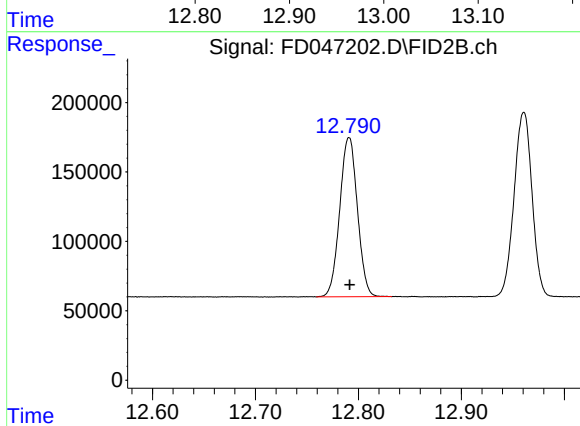
#10 n-Eicosane (C20)

R.T.: 12.353 min  
Delta R.T.: -0.001 min  
Response: 1638621  
Conc: 9.93 ug/ml



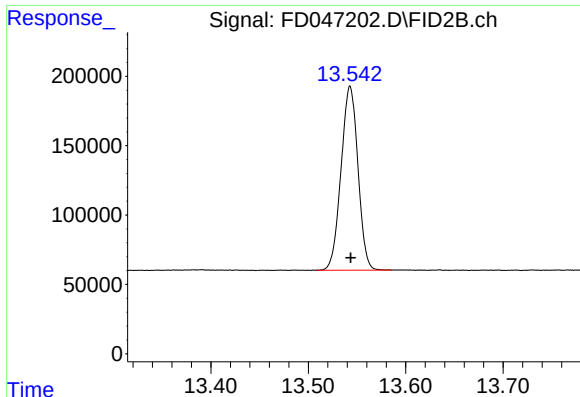
#11 n-Heneicosane (C21)

R.T.: 12.961 min  
Delta R.T.: 0.000 min  
Response: 1612212  
Conc: 9.91 ug/ml



#12 1-chlorooctadecane (SURR)

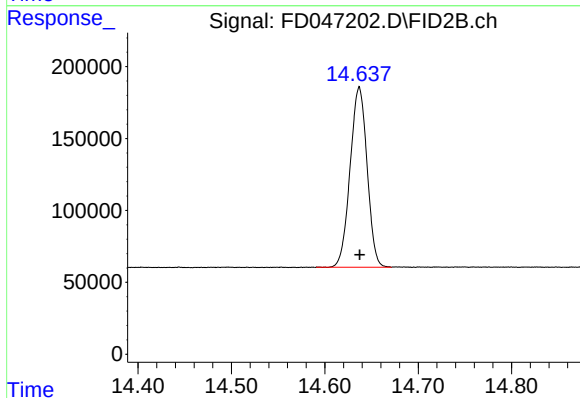
R.T.: 12.791 min  
Delta R.T.: 0.000 min  
Response: 1370625  
Conc: 9.87 ug/ml



#13 n-Docosane (C22)

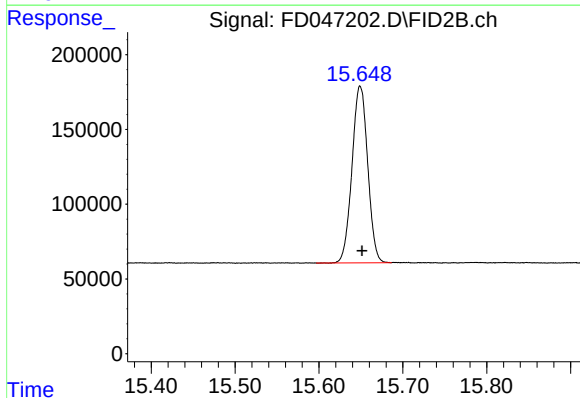
R.T.: 13.543 min  
Delta R.T.: 0.000 min  
Response: 1601623  
Conc: 9.91 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



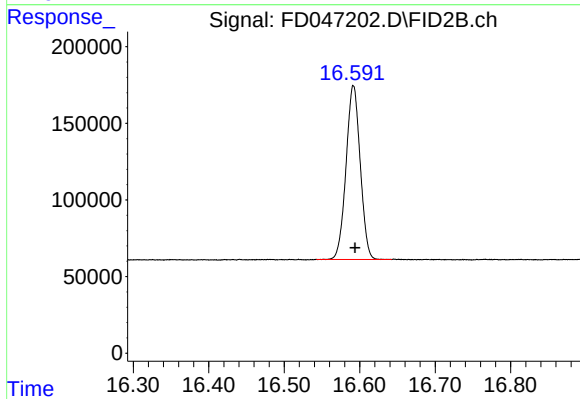
#14 n-Tetracosane (C24)

R.T.: 14.637 min  
Delta R.T.: 0.000 min  
Response: 1581313  
Conc: 9.89 ug/ml



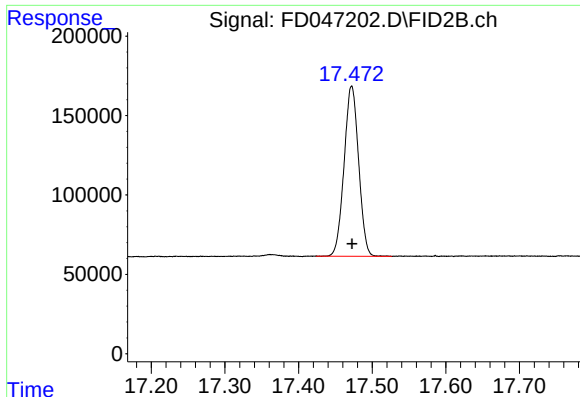
#15 n-Hexacosane (C26)

R.T.: 15.649 min  
Delta R.T.: -0.002 min  
Response: 1537636  
Conc: 9.86 ug/ml



#16 n-Octacosane (C28)

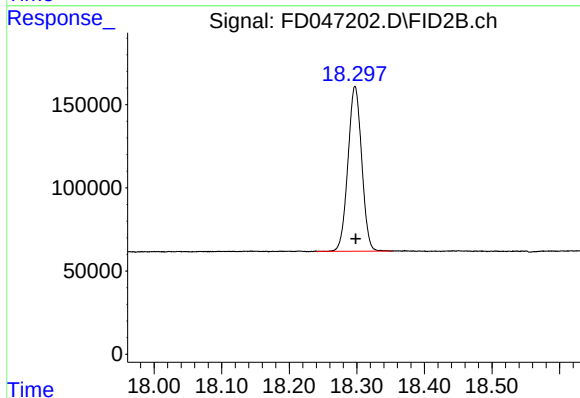
R.T.: 16.592 min  
Delta R.T.: -0.002 min  
Response: 1483327  
Conc: 9.86 ug/ml



#17 n-Tricontane (C30)

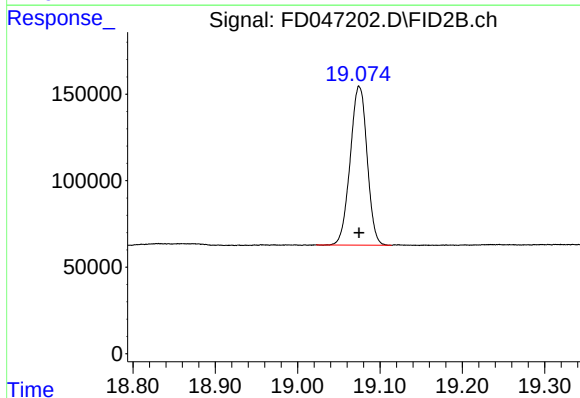
R.T.: 17.472 min  
Delta R.T.: 0.000 min  
Response: 1471597  
Conc: 9.92 ug/ml

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FID\_D  
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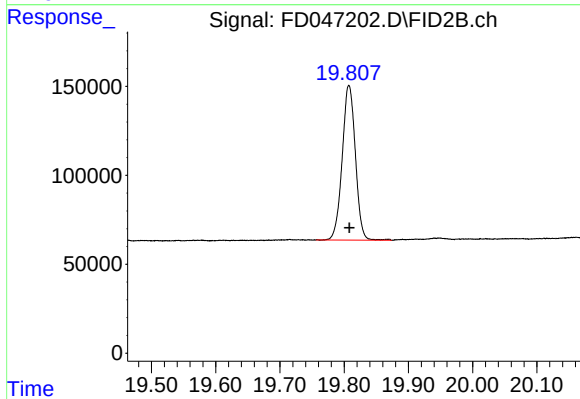
#18 n-Dotriacontane (C32)

R.T.: 18.297 min  
Delta R.T.: 0.000 min  
Response: 1399349  
Conc: 9.94 ug/ml



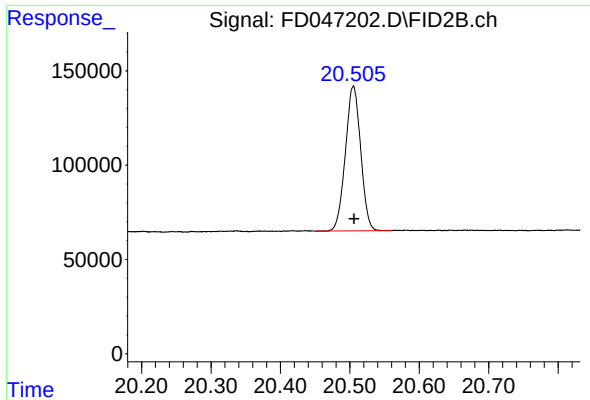
#19 n-Tetratriacontane (C34)

R.T.: 19.075 min  
Delta R.T.: 0.000 min  
Response: 1310716  
Conc: 9.94 ug/ml



#20 n-Hexatriacontane (C36)

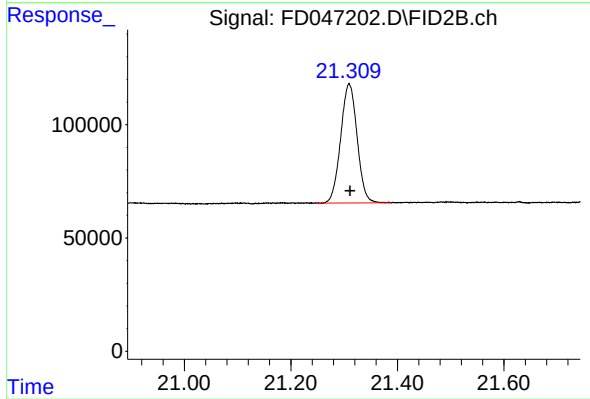
R.T.: 19.807 min  
Delta R.T.: 0.000 min  
Response: 1242354  
Conc: 10.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.505 min  
Delta R.T.: -0.001 min  
Response: 1175054  
Conc: 9.98 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.309 min  
Delta R.T.: -0.002 min  
Response: 1126283  
Conc: 9.92 ug/ml