

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD090822AL\  
 Data File : FD043835.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Sep 2022 15:07  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Sep 09 09:04:19 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 090722.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 07 17:10:44 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)    | 11.321 | 3594959    | 21.020 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.04%       |
| 12) S 1-chlorooctadecane (S... | 12.738 | 2825506    | 21.235 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.47%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.151  | 3018523    | 20.960 ug/ml |
| 2) T n-Decane (C10)            | 4.202  | 3044770    | 20.998 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.776  | 2985806    | 21.104 ug/ml |
| 4) T n-Dodecane (C12)          | 6.200  | 3132994    | 20.943 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.823  | 2930306    | 21.233 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.980  | 3153084    | 20.892 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.568  | 3223127    | 21.073 ug/ml |
| 8) T n-Octadecane (C18)        | 10.999 | 3312553    | 21.010 ug/ml |
| 10) T n-Eicosane (C20)         | 12.297 | 3368322    | 21.050 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.903 | 3389936    | 21.013 ug/ml |
| 13) T n-Docosane (C22)         | 13.484 | 3427314    | 21.315 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.576 | 3443345    | 21.728 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.588 | 3415792    | 21.932 ug/ml |
| 16) T n-Octacosane (C28)       | 16.527 | 3317643    | 21.912 ug/ml |
| 17) T n-Tricontane (C30)       | 17.405 | 3257607    | 21.863 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.229 | 3096318    | 21.691 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.003 | 2788647    | 21.336 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.735 | 2626180    | 21.219 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.426 | 2482373    | 21.249 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.192 | 2373076    | 21.471 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

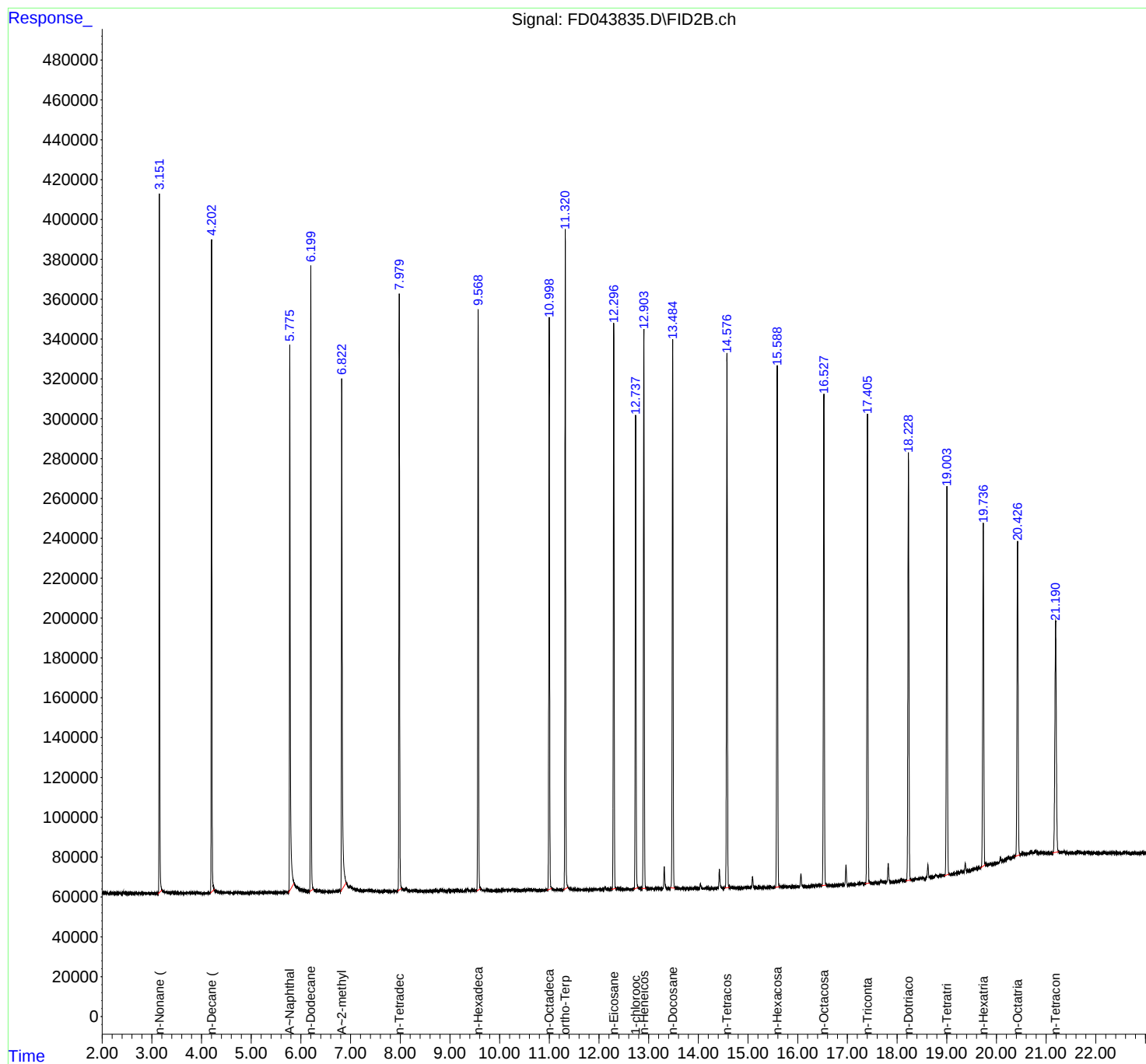
(m)=manual int.

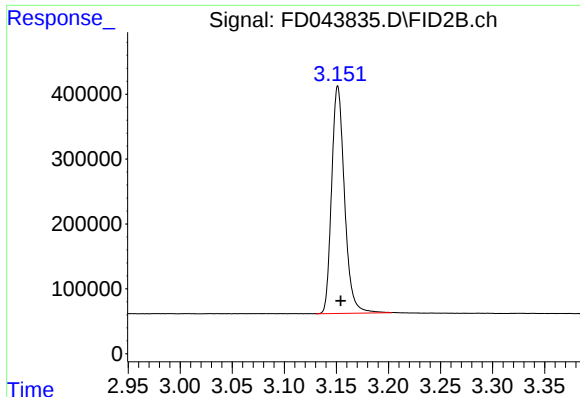
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD090822AL\  
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Volume Inj. : 1 ul  
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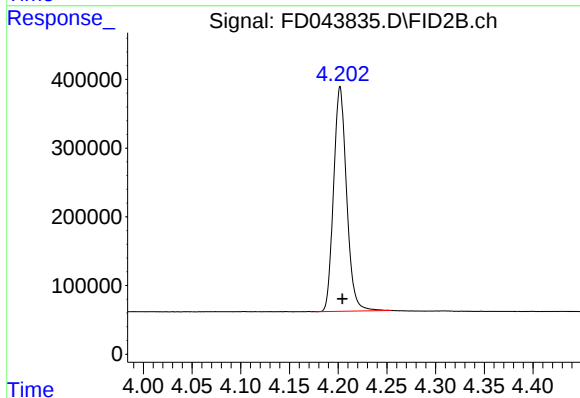




#1 n-Nonane (C9)

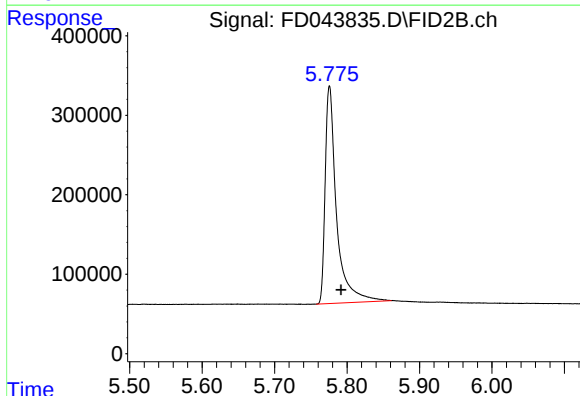
R.T.: 3.151 min  
Delta R.T.: -0.003 min  
Response: 3018523  
Conc: 20.96 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



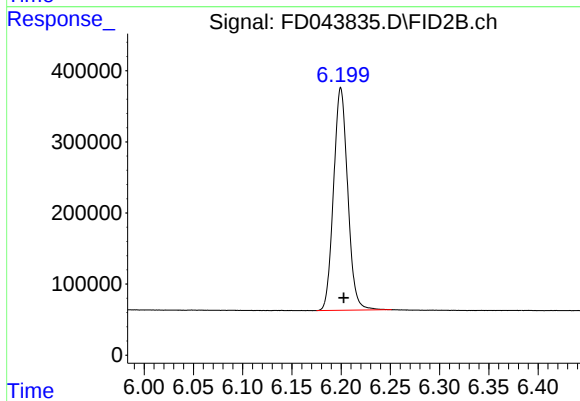
#2 n-Decane (C10)

R.T.: 4.202 min  
Delta R.T.: -0.002 min  
Response: 3044770  
Conc: 21.00 ug/ml



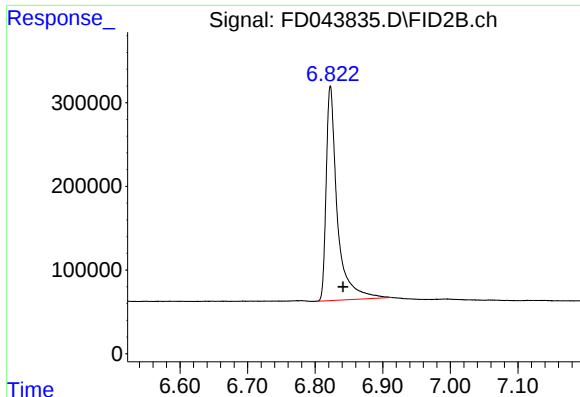
#3 A~Naphthalene (C11.7)

R.T.: 5.776 min  
Delta R.T.: -0.016 min  
Response: 2985806  
Conc: 21.10 ug/ml



#4 n-Dodecane (C12)

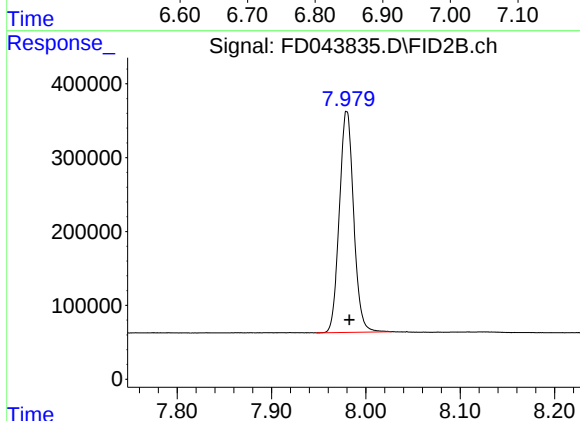
R.T.: 6.200 min  
Delta R.T.: -0.003 min  
Response: 3132994  
Conc: 20.94 ug/ml



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

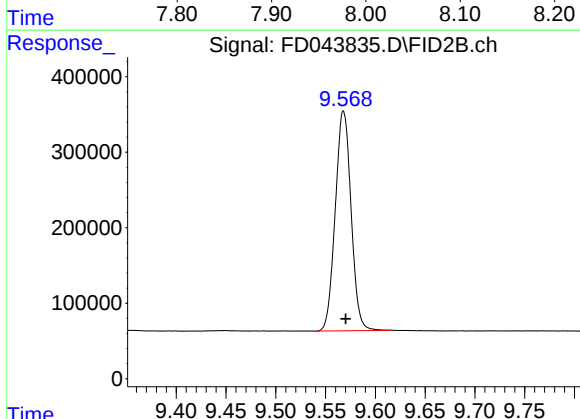
R.T.: 6.823 min  
Delta R.T.: -0.019 min  
Response: 2930306  
Conc: 21.23 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



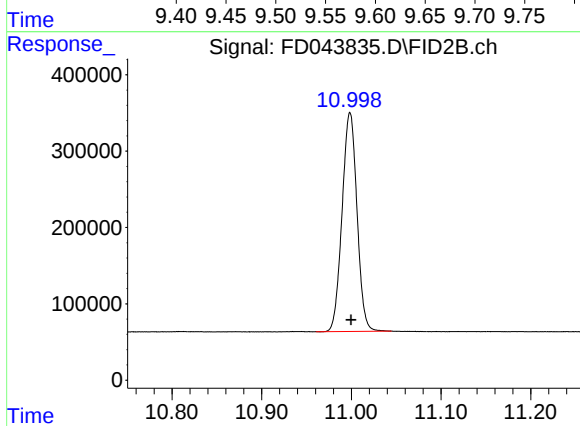
#6 n-Tetradecane (C14)

R.T.: 7.980 min  
Delta R.T.: -0.003 min  
Response: 3153084  
Conc: 20.89 ug/ml



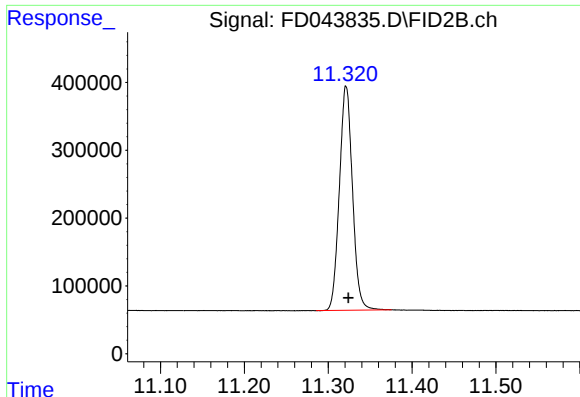
#7 n-Hexadecane (C16)

R.T.: 9.568 min  
Delta R.T.: -0.002 min  
Response: 3223127  
Conc: 21.07 ug/ml



#8 n-Octadecane (C18)

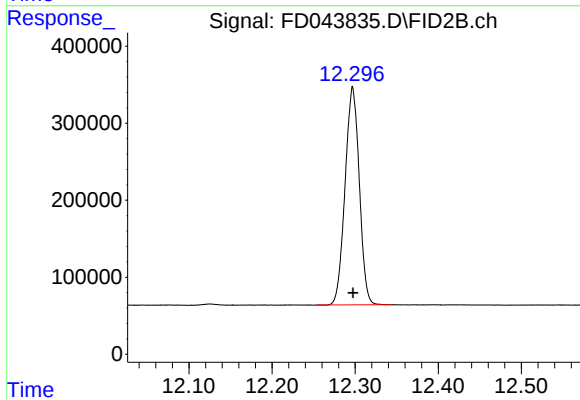
R.T.: 10.999 min  
Delta R.T.: -0.001 min  
Response: 3312553  
Conc: 21.01 ug/ml



#9 ortho-Terphenyl (SURR)

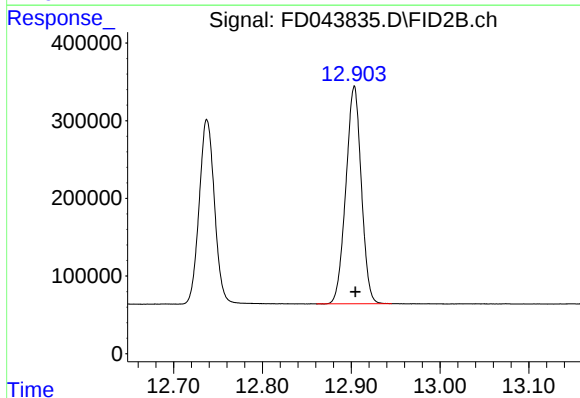
R.T.: 11.321 min  
Delta R.T.: -0.003 min  
Response: 3594959  
Conc: 21.02 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



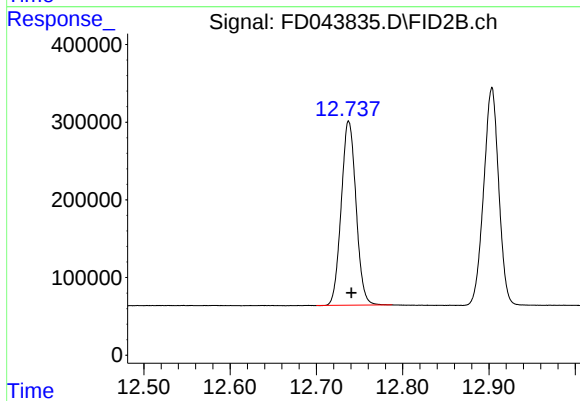
#10 n-Eicosane (C20)

R.T.: 12.297 min  
Delta R.T.: 0.000 min  
Response: 3368322  
Conc: 21.05 ug/ml



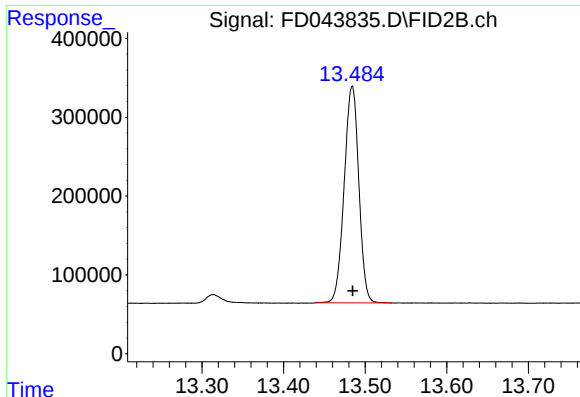
#11 n-Heneicosane (C21)

R.T.: 12.903 min  
Delta R.T.: -0.001 min  
Response: 3389936  
Conc: 21.01 ug/ml



#12 1-chlorooctadecane (SURR)

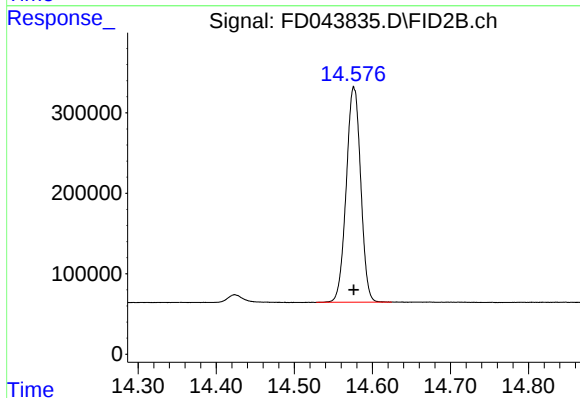
R.T.: 12.738 min  
Delta R.T.: -0.003 min  
Response: 2825506  
Conc: 21.24 ug/ml



#13 n-Docosane (C22)

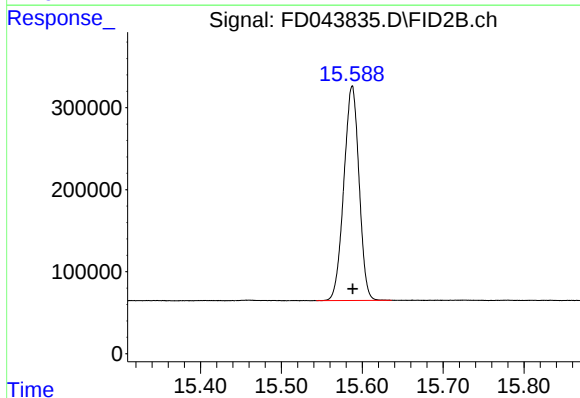
R.T.: 13.484 min  
Delta R.T.: 0.000 min  
Response: 3427314  
Conc: 21.32 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



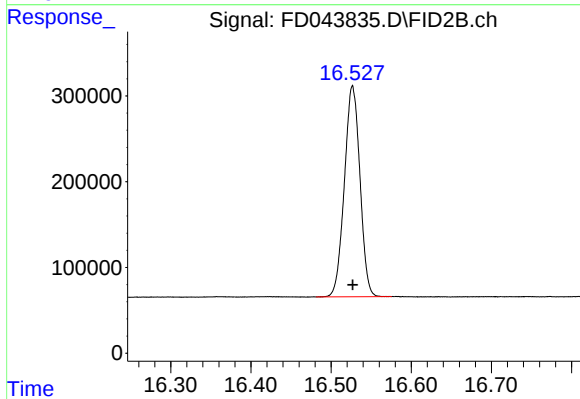
#14 n-Tetracosane (C24)

R.T.: 14.576 min  
Delta R.T.: 0.000 min  
Response: 3443345  
Conc: 21.73 ug/ml



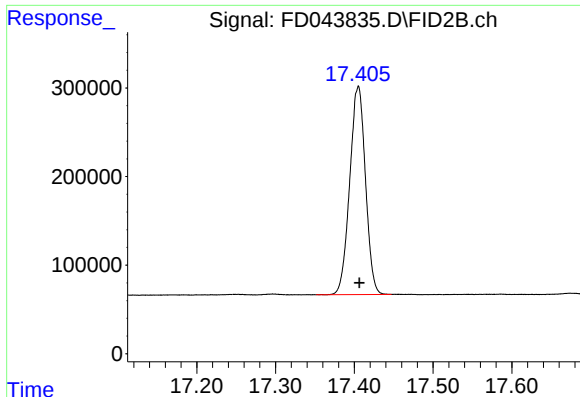
#15 n-Hexacosane (C26)

R.T.: 15.588 min  
Delta R.T.: 0.000 min  
Response: 3415792  
Conc: 21.93 ug/ml



#16 n-Octacosane (C28)

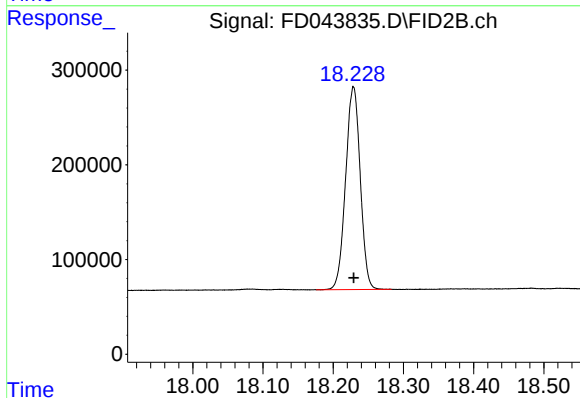
R.T.: 16.527 min  
Delta R.T.: 0.000 min  
Response: 3317643  
Conc: 21.91 ug/ml



#17 n-Tricontane (C30)

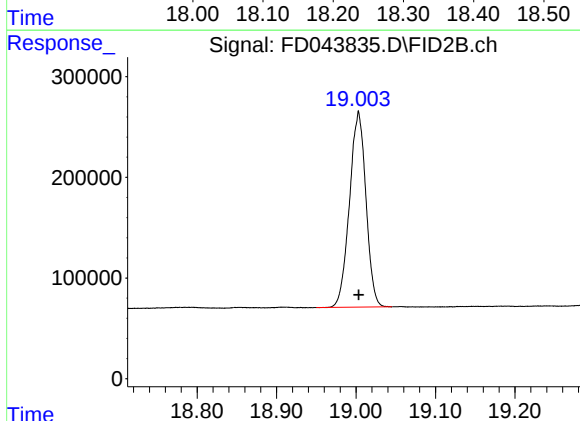
R.T.: 17.405 min  
Delta R.T.: -0.002 min  
Response: 3257607  
Conc: 21.86 ug/ml

Instrument :  
FID\_D  
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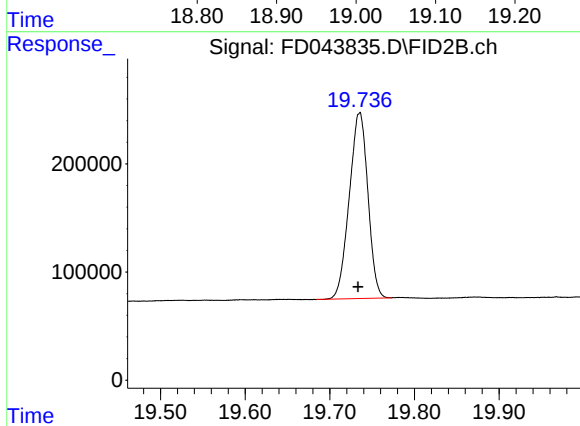
#18 n-Dotriacontane (C32)

R.T.: 18.229 min  
Delta R.T.: 0.000 min  
Response: 3096318  
Conc: 21.69 ug/ml



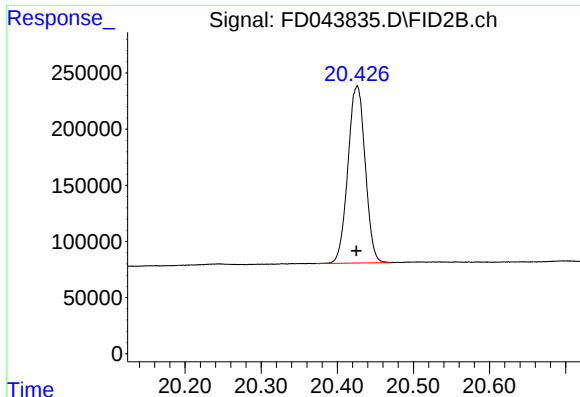
#19 n-Tetratriacontane (C34)

R.T.: 19.003 min  
Delta R.T.: 0.000 min  
Response: 2788647  
Conc: 21.34 ug/ml



#20 n-Hexatriacontane (C36)

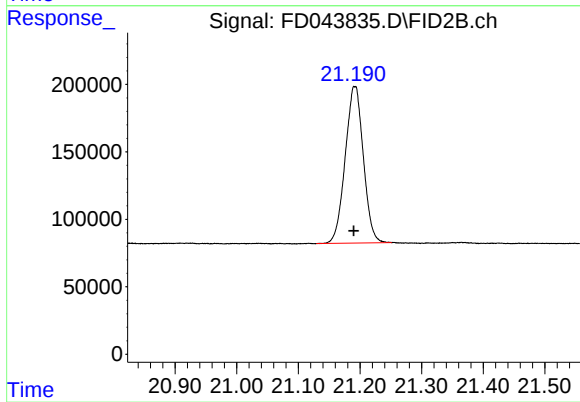
R.T.: 19.735 min  
Delta R.T.: 0.002 min  
Response: 2626180  
Conc: 21.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.426 min  
Delta R.T.: 0.001 min  
Response: 2482373  
Conc: 21.25 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.192 min  
Delta R.T.: 0.002 min  
Response: 2373076  
Conc: 21.47 ug/ml