

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD052723AL\  
 Data File : FD045770.D  
 Signal(s) : FID2B.ch  
 Acq On : 27 May 2023 08:41  
 Operator : YP/AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e  
 Quant Time: May 29 01:30:25 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 052723.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 29 01:30:00 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)    | 11.427 | 1012490    | 5.360 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.72%      |
| 12) S 1-chlorooctadecane (S... | 12.860 | 737662     | 5.306 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.61%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.252  | 809331     | 5.366 ug/ml |
| 2) T n-Decane (C10)            | 4.308  | 828090     | 5.378 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.873  | 911916     | 5.353 ug/ml |
| 4) T n-Dodecane (C12)          | 6.312  | 832867     | 5.360 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.922  | 882616     | 5.336 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.097  | 836843     | 5.378 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.688  | 870936     | 5.372 ug/ml |
| 8) T n-Octadecane (C18)        | 11.120 | 880842     | 5.330 ug/ml |
| 10) T n-Eicosane (C20)         | 12.421 | 852722     | 5.335 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.029 | 845764     | 5.358 ug/ml |
| 13) T n-Docosane (C22)         | 13.611 | 842005     | 5.367 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.705 | 837006     | 5.389 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.719 | 787773     | 5.319 ug/ml |
| 16) T n-Octacosane (C28)       | 16.661 | 736422     | 5.284 ug/ml |
| 17) T n-Tricontane (C30)       | 17.542 | 703326     | 5.258 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.369 | 661682     | 5.282 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.145 | 635955     | 5.324 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.878 | 611233     | 5.326 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.580 | 607613     | 5.314 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.410 | 569186     | 5.173 ug/ml |
| -----                          |        |            |             |

(f)=RT Delta > 1/2 Window

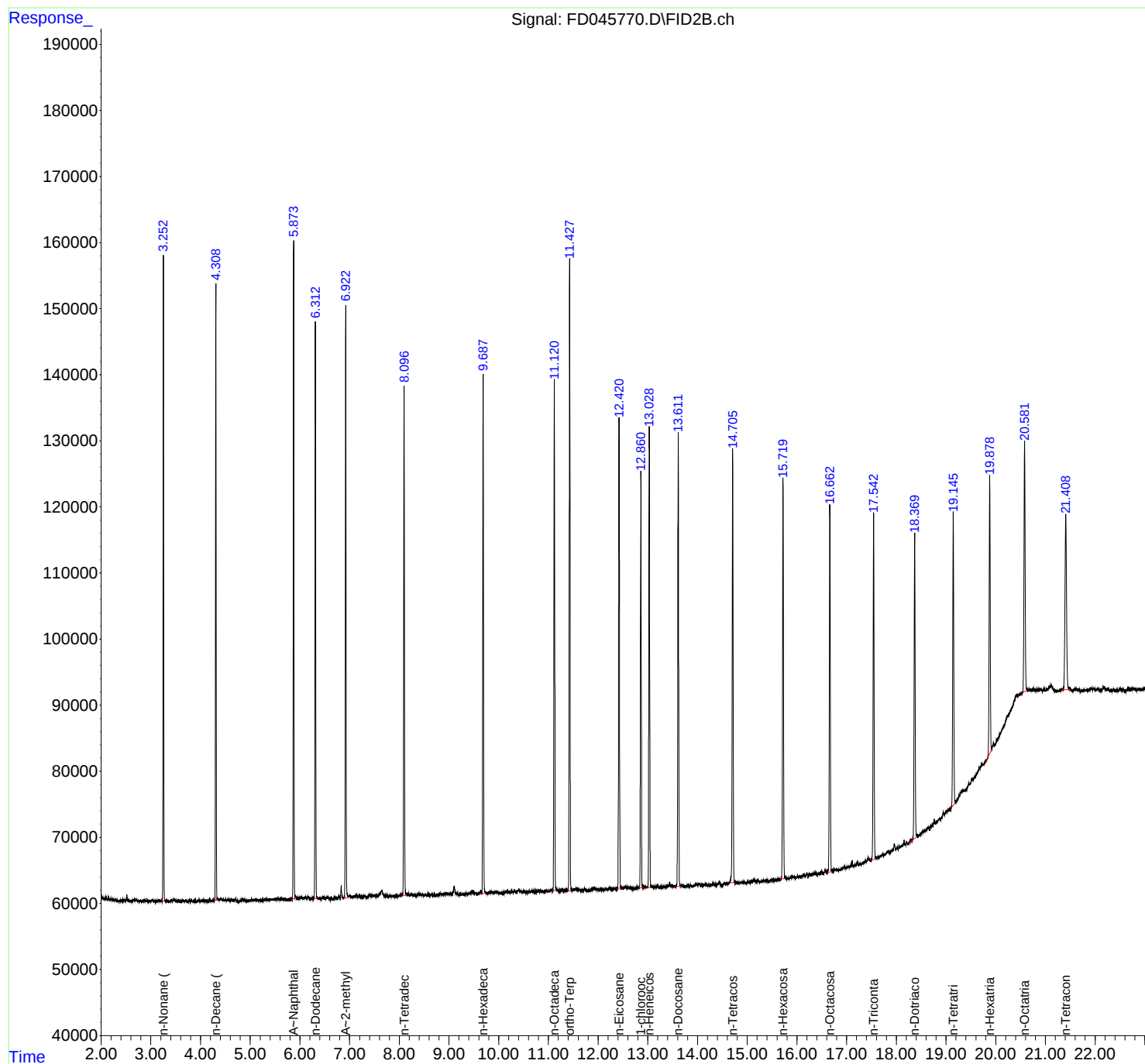
(m)=manual int.

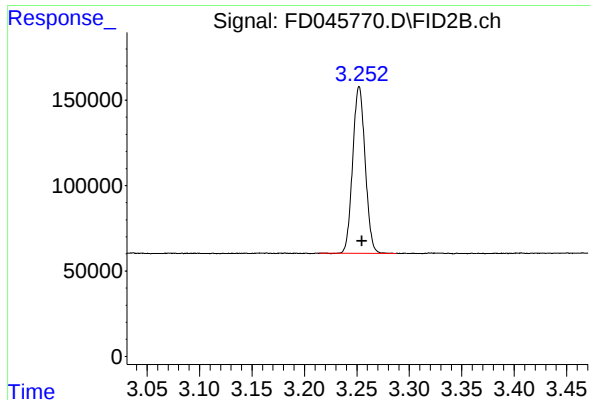
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD052723AL\  
Data File : FD045770.D  
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Acq On : 27 May 2023 08:41  
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ALS Vial : 20 Sample Multiplier: 1

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5 PPM ALIPHATIC HC STD5

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QLast Update : Mon May 29 01:30:00 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

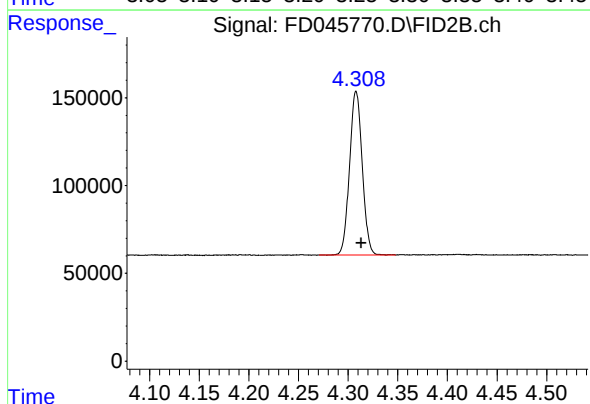




#1 n-Nonane (C9)

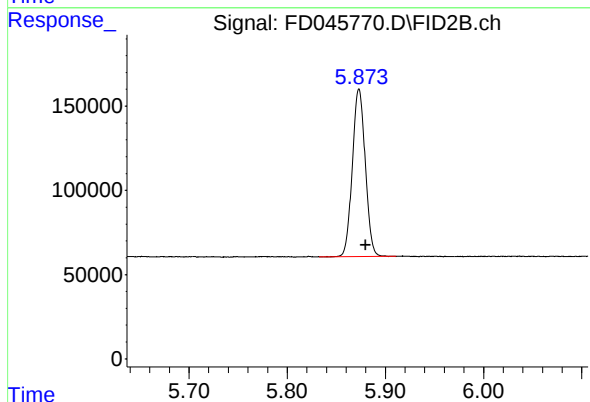
R.T.: 3.252 min  
Delta R.T.: -0.003 min  
Response: 809331  
Conc: 5.37 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



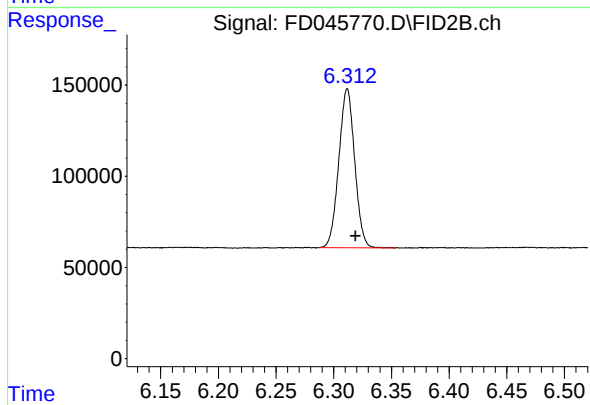
#2 n-Decane (C10)

R.T.: 4.308 min  
Delta R.T.: -0.005 min  
Response: 828090  
Conc: 5.38 ug/ml



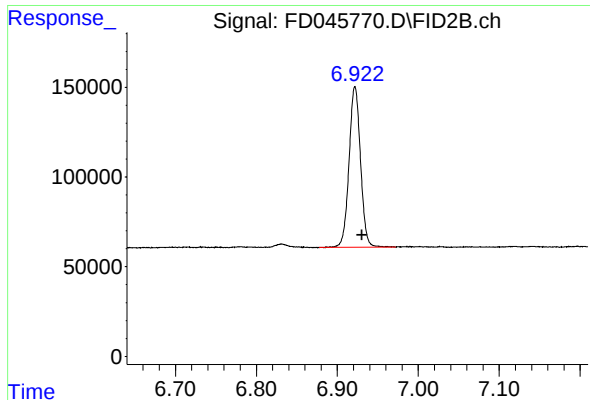
#3 A~Naphthalene (C11.7)

R.T.: 5.873 min  
Delta R.T.: -0.007 min  
Response: 911916  
Conc: 5.35 ug/ml



#4 n-Dodecane (C12)

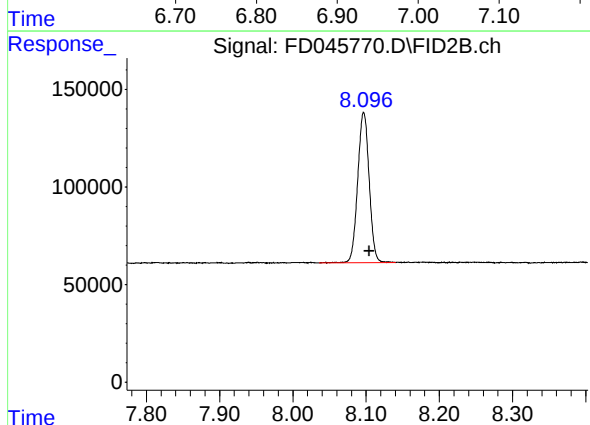
R.T.: 6.312 min  
Delta R.T.: -0.007 min  
Response: 832867  
Conc: 5.36 ug/ml



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

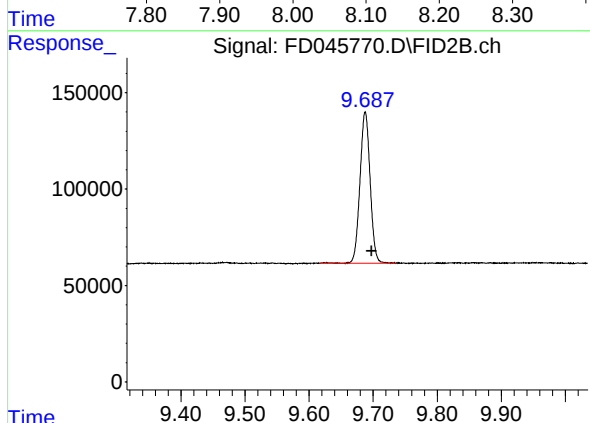
R.T.: 6.922 min  
Delta R.T.: -0.009 min  
Response: 882616  
Conc: 5.34 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



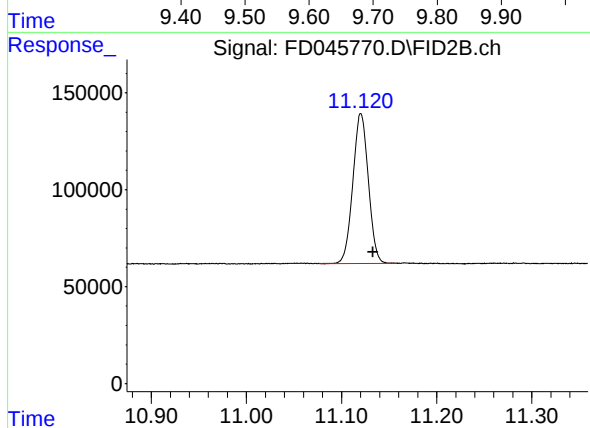
#6 n-Tetradecane (C14)

R.T.: 8.097 min  
Delta R.T.: -0.008 min  
Response: 836843  
Conc: 5.38 ug/ml



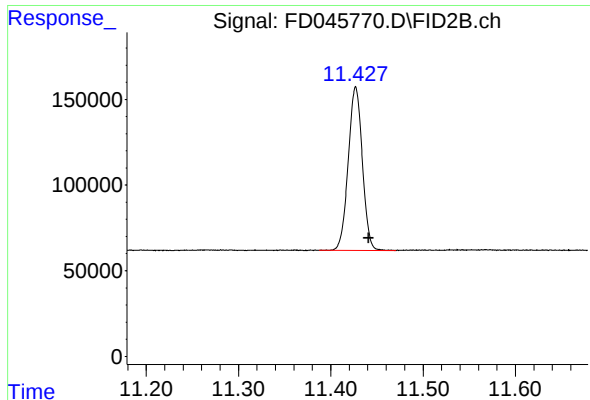
#7 n-Hexadecane (C16)

R.T.: 9.688 min  
Delta R.T.: -0.010 min  
Response: 870936  
Conc: 5.37 ug/ml



#8 n-Octadecane (C18)

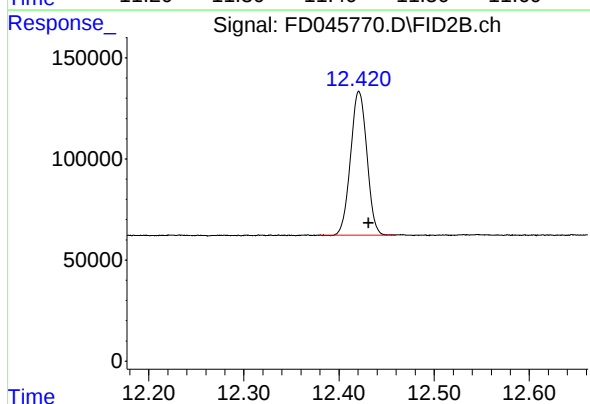
R.T.: 11.120 min  
Delta R.T.: -0.012 min  
Response: 880842  
Conc: 5.33 ug/ml



#9 ortho-Terphenyl (SURR)

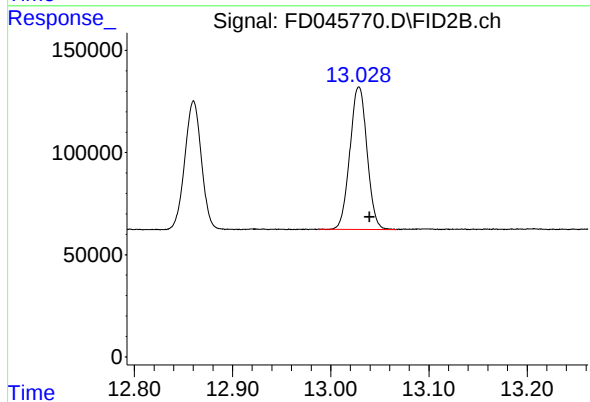
R.T.: 11.427 min  
Delta R.T.: -0.014 min  
Response: 1012490  
Conc: 5.36 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



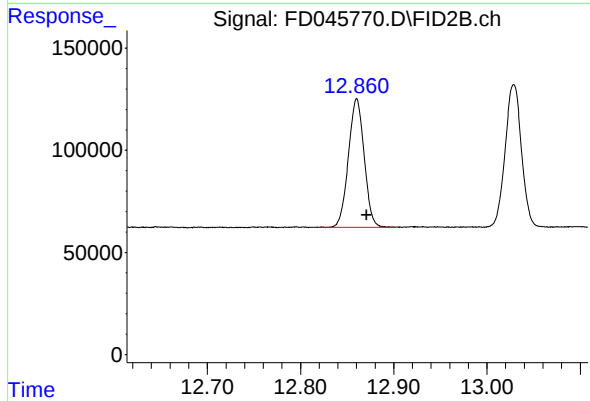
#10 n-Eicosane (C20)

R.T.: 12.421 min  
Delta R.T.: -0.010 min  
Response: 852722  
Conc: 5.33 ug/ml



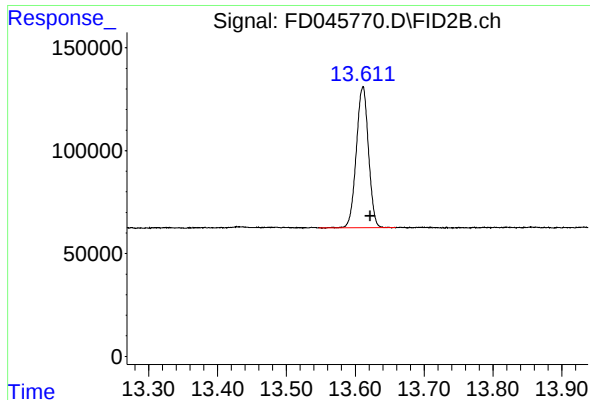
#11 n-Heneicosane (C21)

R.T.: 13.029 min  
Delta R.T.: -0.011 min  
Response: 845764  
Conc: 5.36 ug/ml



#12 1-chlorooctadecane (SURR)

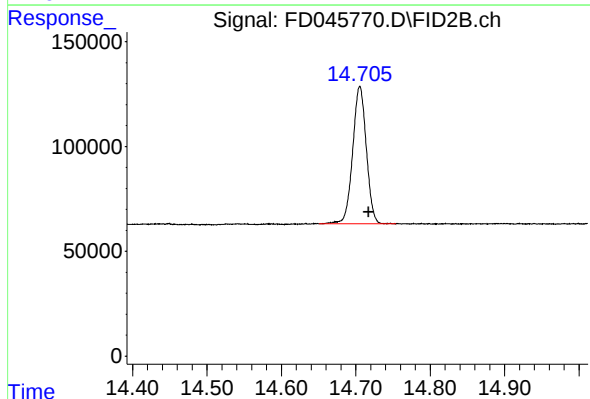
R.T.: 12.860 min  
Delta R.T.: -0.011 min  
Response: 737662  
Conc: 5.31 ug/ml



#13 n-Docosane (C22)

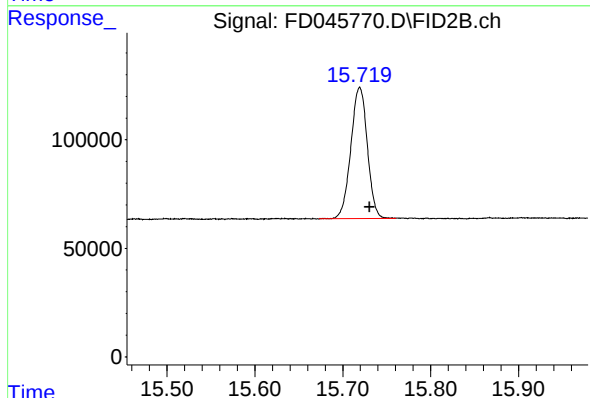
R.T.: 13.611 min  
Delta R.T.: -0.011 min  
Response: 842005  
Conc: 5.37 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



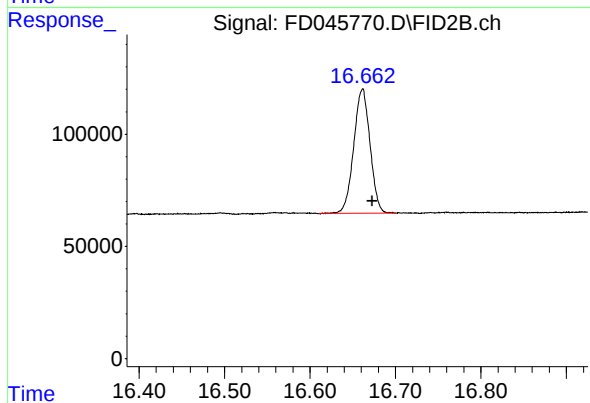
#14 n-Tetracosane (C24)

R.T.: 14.705 min  
Delta R.T.: -0.012 min  
Response: 837006  
Conc: 5.39 ug/ml



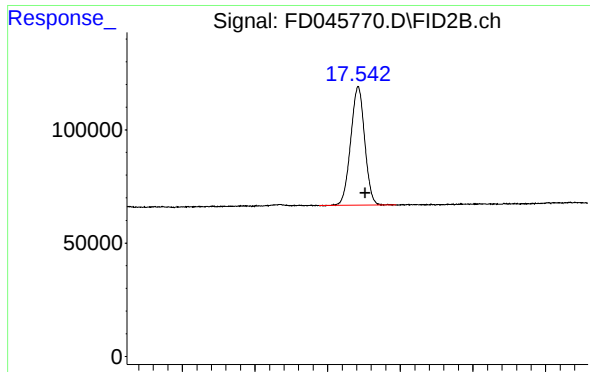
#15 n-Hexacosane (C26)

R.T.: 15.719 min  
Delta R.T.: -0.011 min  
Response: 787773  
Conc: 5.32 ug/ml



#16 n-Octacosane (C28)

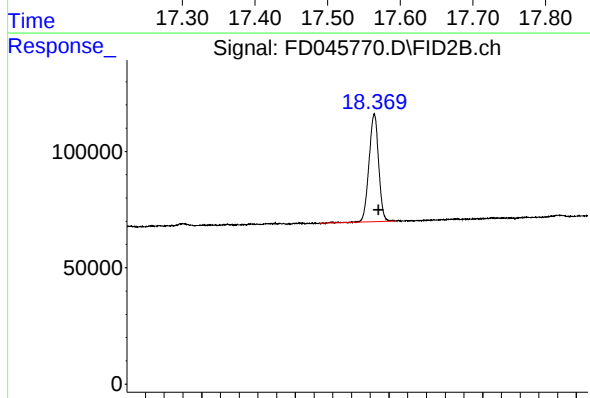
R.T.: 16.661 min  
Delta R.T.: -0.011 min  
Response: 736422  
Conc: 5.28 ug/ml



#17 n-Tricontane (C30)

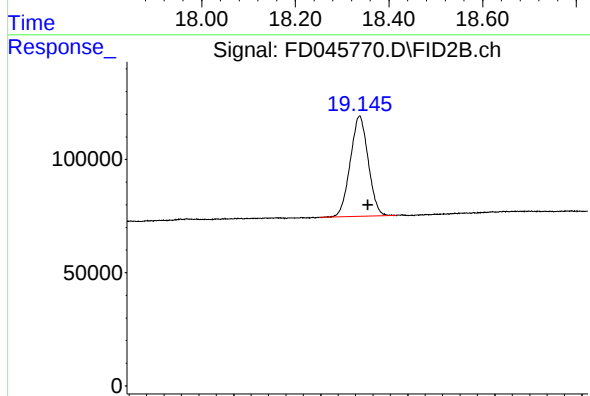
R.T.: 17.542 min  
Delta R.T.: -0.010 min  
Response: 703326  
Conc: 5.26 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



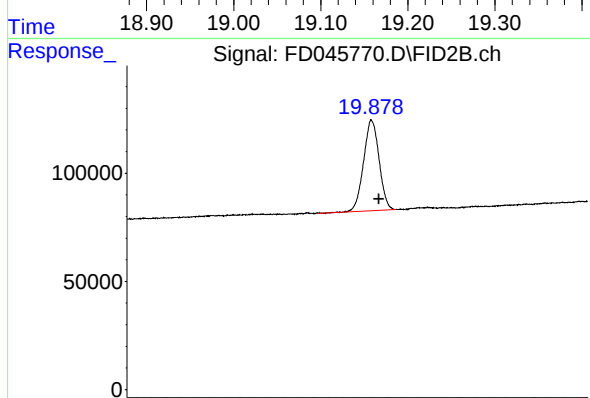
#18 n-Dotriacontane (C32)

R.T.: 18.369 min  
Delta R.T.: -0.009 min  
Response: 661682  
Conc: 5.28 ug/ml



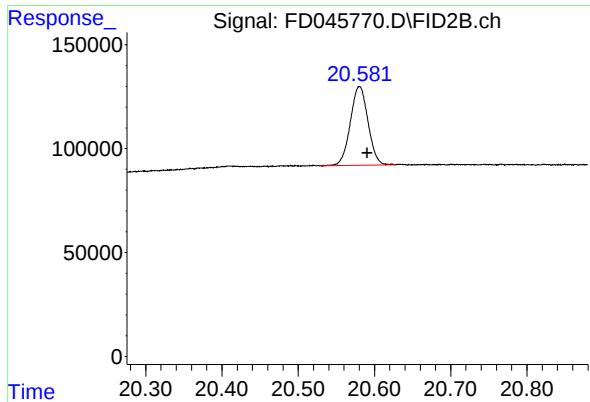
#19 n-Tetatriacontane (C34)

R.T.: 19.145 min  
Delta R.T.: -0.010 min  
Response: 635955  
Conc: 5.32 ug/ml



#20 n-Hexatriacontane (C36)

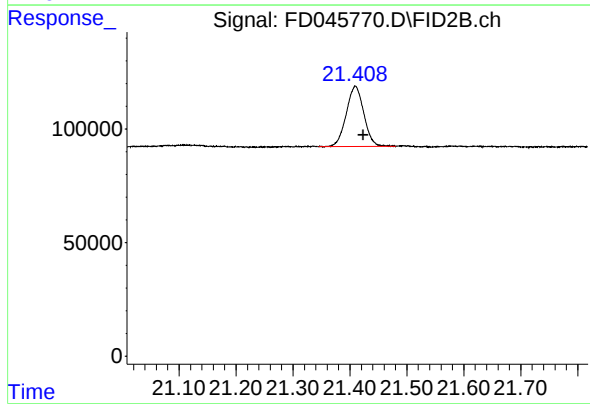
R.T.: 19.878 min  
Delta R.T.: -0.010 min  
Response: 611233  
Conc: 5.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.580 min  
Delta R.T.: -0.010 min  
Response: 607613  
Conc: 5.31 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.410 min  
Delta R.T.: -0.014 min  
Response: 569186  
Conc: 5.17 ug/ml