

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101123AL\  
 Data File : FD046726.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Oct 2023 22:21  
 Operator : YP/AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e  
 Quant Time: Oct 11 04:15:16 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 101023.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 11 04:12:57 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)    | 11.392 | 19089833   | 94.697 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 189.39%      |
| 12) S 1-chlorooctadecane (S... | 12.824 | 14426607   | 95.268 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 190.54%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.219  | 14508044   | 94.472 ug/ml |
| 2) T n-Decane (C10)            | 4.273  | 14694535   | 94.520 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.833  | 16376159   | 94.528 ug/ml |
| 4) T n-Dodecane (C12)          | 6.275  | 14882112   | 94.584 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.883  | 16156446   | 94.631 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.059  | 14865283   | 94.762 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.651  | 15380203   | 94.918 ug/ml |
| 8) T n-Octadecane (C18)        | 11.086 | 15805114   | 94.807 ug/ml |
| 10) T n-Eicosane (C20)         | 12.385 | 15748762   | 94.933 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.993 | 15708412   | 94.805 ug/ml |
| 13) T n-Docosane (C22)         | 13.574 | 15689439   | 94.620 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.670 | 15613144   | 94.284 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.683 | 15164359   | 94.425 ug/ml |
| 16) T n-Octacosane (C28)       | 16.625 | 14494419   | 93.872 ug/ml |
| 17) T n-Tricontane (C30)       | 17.505 | 14066492   | 93.351 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.330 | 13403859   | 93.217 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.107 | 12665633   | 93.550 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.840 | 12194695   | 93.797 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.539 | 11753238   | 94.193 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.355 | 11486133   | 95.084 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

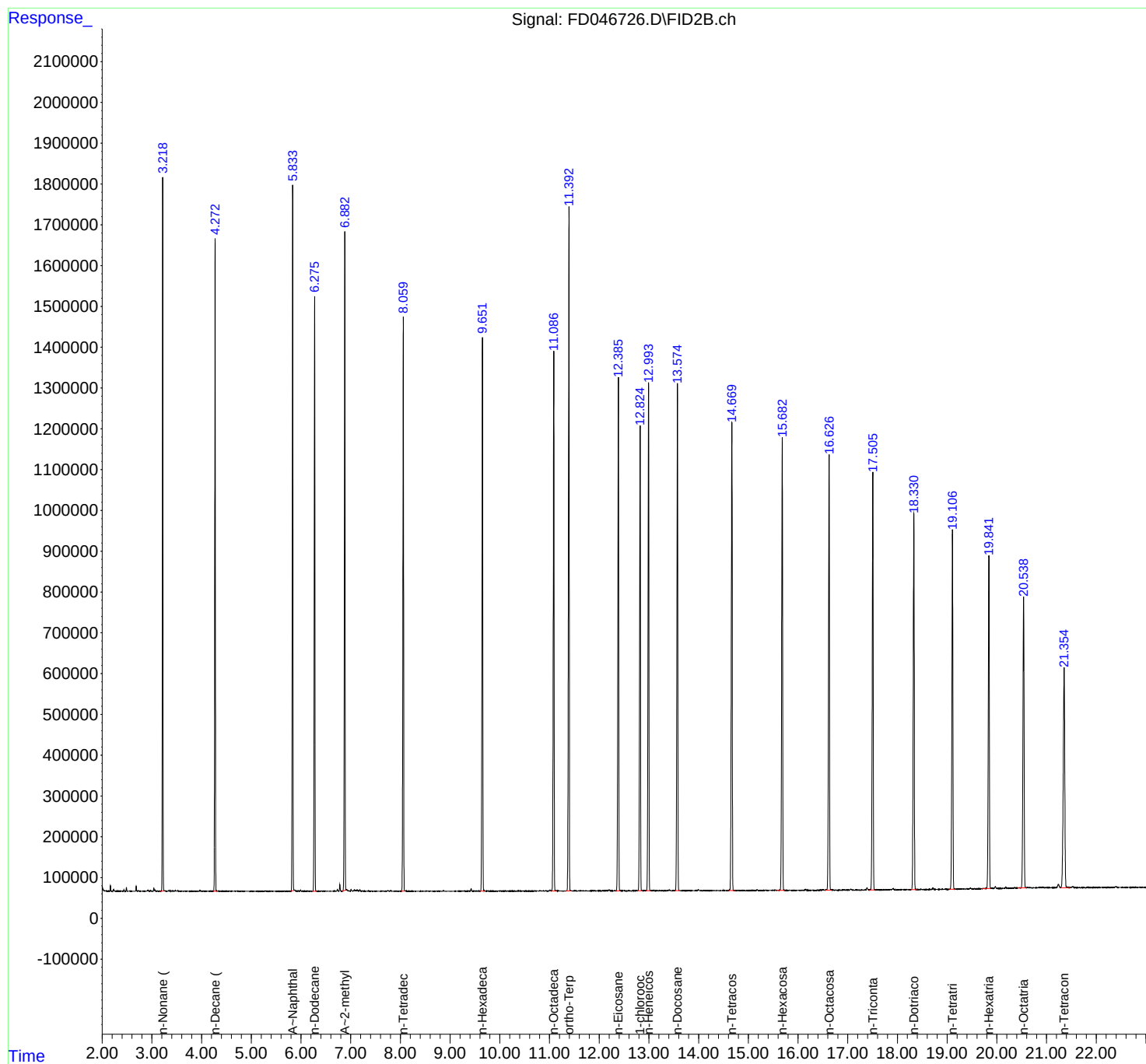
(m)=manual int.

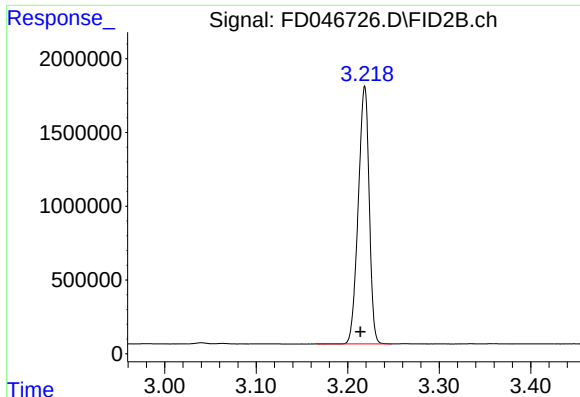
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101123AL\  
Data File : FD046726.D  
Signal(s) : FID2B.ch  
Acq On : 10 Oct 2023 22:21  
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Sample : 100 PPM ALIPHATIC HC STD1  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 101023.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 11 04:12:57 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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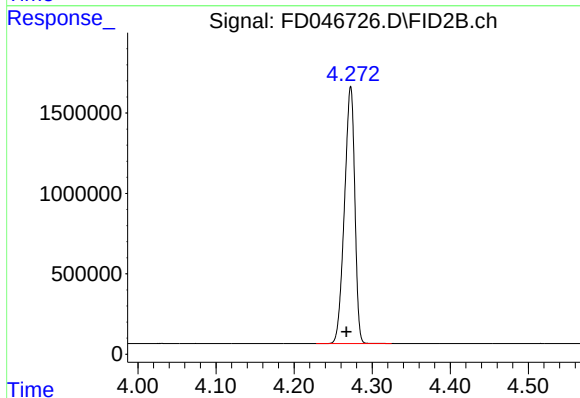




#1 n-Nonane (C9)

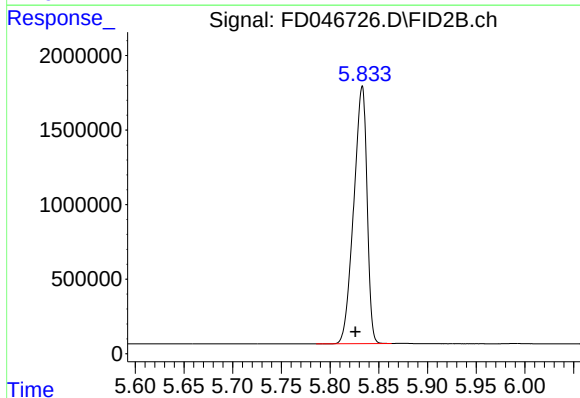
R.T.: 3.219 min  
Delta R.T.: 0.005 min  
Response: 14508044  
Conc: 94.47 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



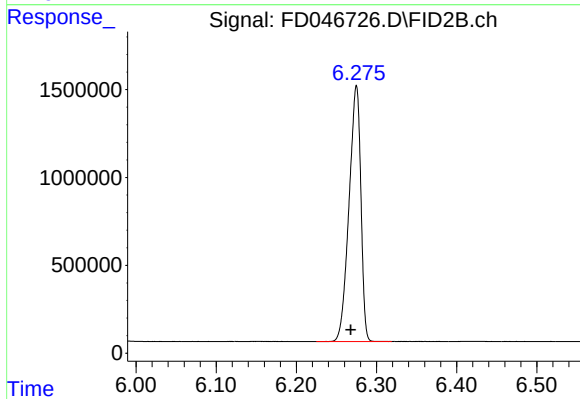
#2 n-Decane (C10)

R.T.: 4.273 min  
Delta R.T.: 0.005 min  
Response: 14694535  
Conc: 94.52 ug/ml



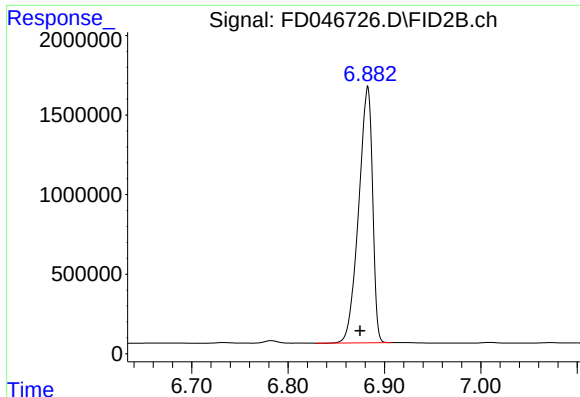
#3 A~Naphthalene (C11.7)

R.T.: 5.833 min  
Delta R.T.: 0.007 min  
Response: 16376159  
Conc: 94.53 ug/ml



#4 n-Dodecane (C12)

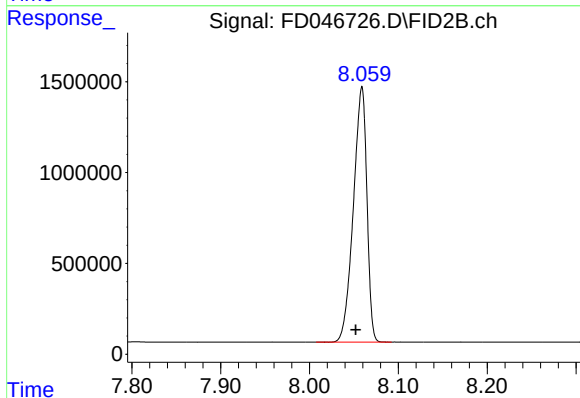
R.T.: 6.275 min  
Delta R.T.: 0.007 min  
Response: 14882112  
Conc: 94.58 ug/ml



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

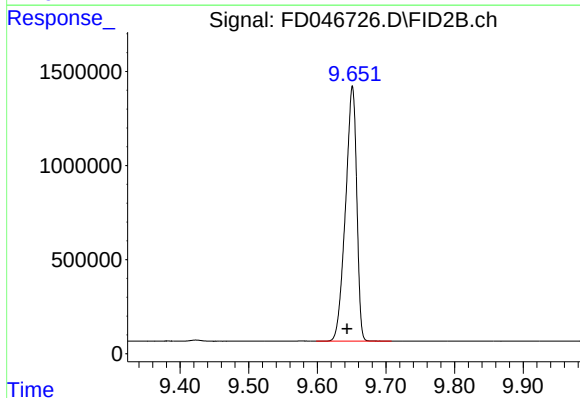
R.T.: 6.883 min  
Delta R.T.: 0.008 min  
Response: 16156446  
Conc: 94.63 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



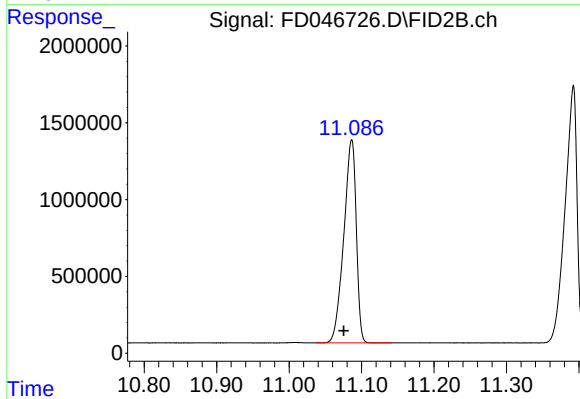
#6 n-Tetradecane (C14)

R.T.: 8.059 min  
Delta R.T.: 0.007 min  
Response: 14865283  
Conc: 94.76 ug/ml



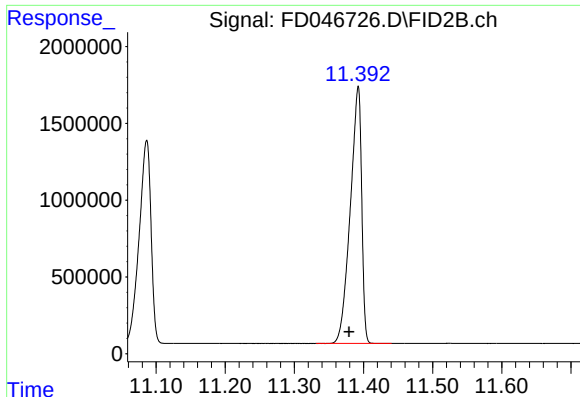
#7 n-Hexadecane (C16)

R.T.: 9.651 min  
Delta R.T.: 0.008 min  
Response: 15380203  
Conc: 94.92 ug/ml



#8 n-Octadecane (C18)

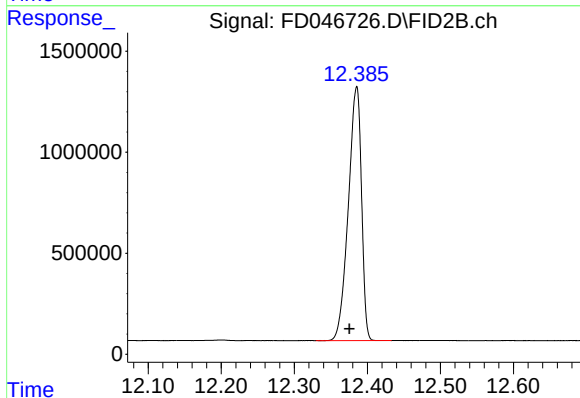
R.T.: 11.086 min  
Delta R.T.: 0.011 min  
Response: 15805114  
Conc: 94.81 ug/ml



#9 ortho-Terphenyl (SURR)

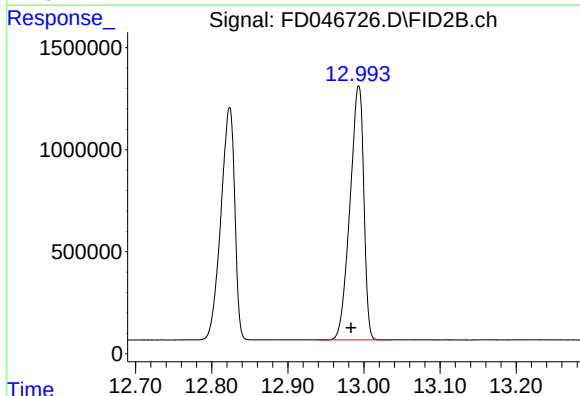
R.T.: 11.392 min  
Delta R.T.: 0.013 min  
Response: 19089833  
Conc: 94.70 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



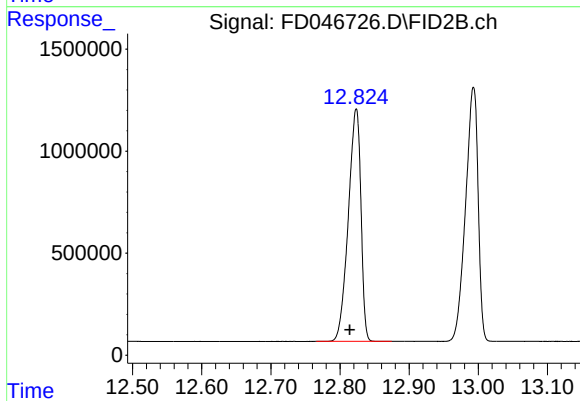
#10 n-Eicosane (C20)

R.T.: 12.385 min  
Delta R.T.: 0.010 min  
Response: 15748762  
Conc: 94.93 ug/ml



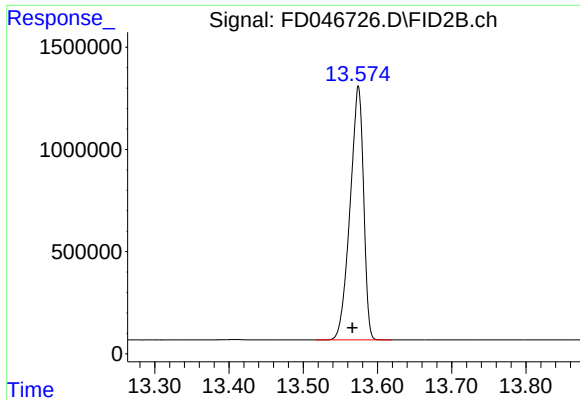
#11 n-Heneicosane (C21)

R.T.: 12.993 min  
Delta R.T.: 0.010 min  
Response: 15708412  
Conc: 94.81 ug/ml



#12 1-chlorooctadecane (SURR)

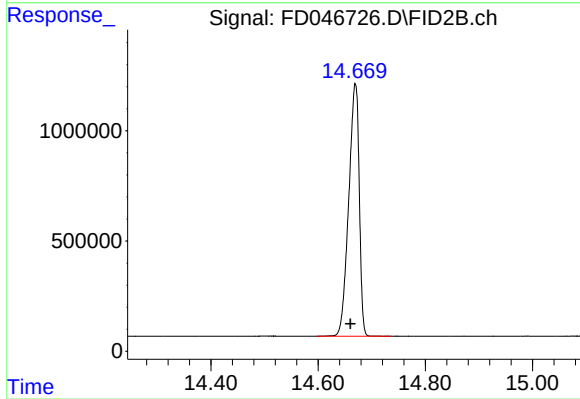
R.T.: 12.824 min  
Delta R.T.: 0.009 min  
Response: 14426607  
Conc: 95.27 ug/ml



#13 n-Docosane (C22)

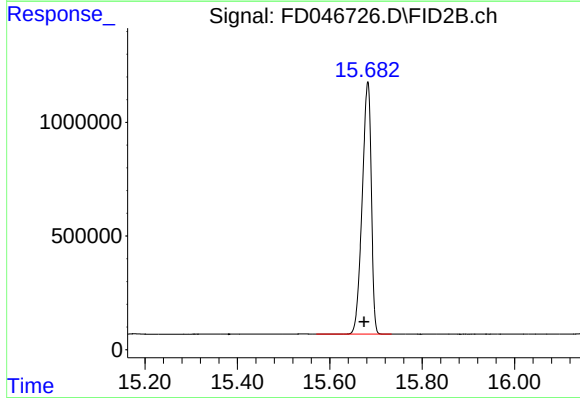
R.T.: 13.574 min  
Delta R.T.: 0.008 min  
Response: 15689439  
Conc: 94.62 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



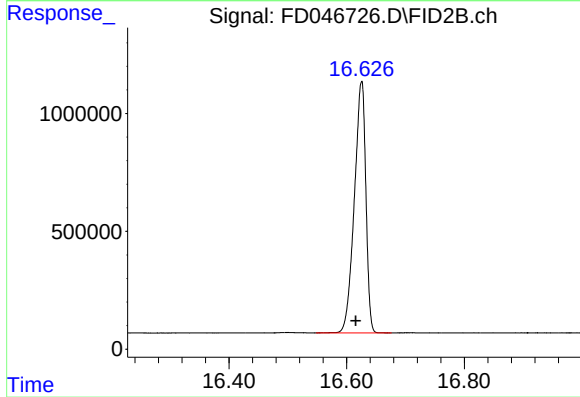
#14 n-Tetracosane (C24)

R.T.: 14.670 min  
Delta R.T.: 0.009 min  
Response: 15613144  
Conc: 94.28 ug/ml



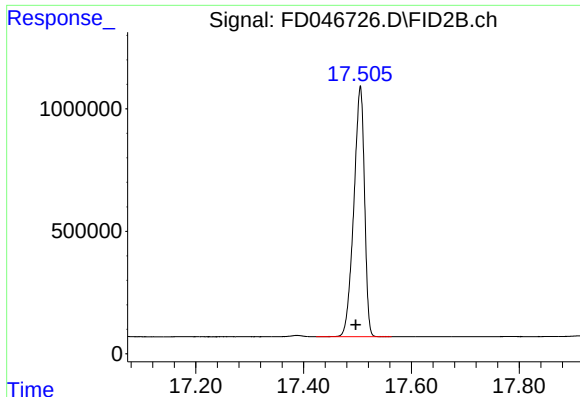
#15 n-Hexacosane (C26)

R.T.: 15.683 min  
Delta R.T.: 0.009 min  
Response: 15164359  
Conc: 94.42 ug/ml



#16 n-Octacosane (C28)

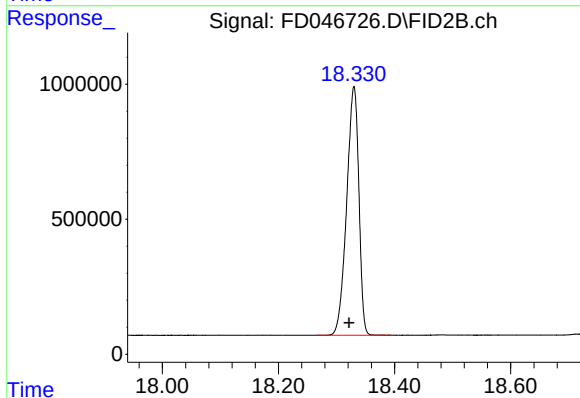
R.T.: 16.625 min  
Delta R.T.: 0.010 min  
Response: 14494419  
Conc: 93.87 ug/ml



#17 n-Tricontane (C30)

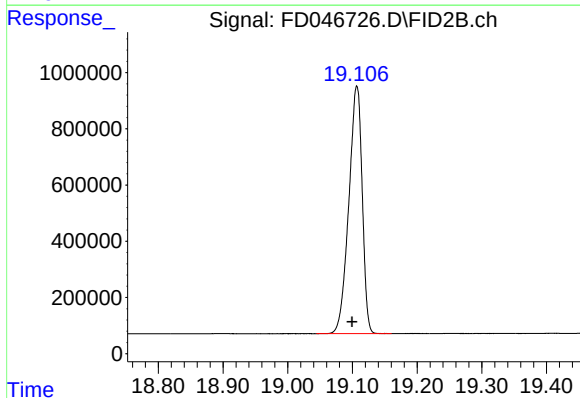
R.T.: 17.505 min  
Delta R.T.: 0.008 min  
Response: 14066492  
Conc: 93.35 ug/ml

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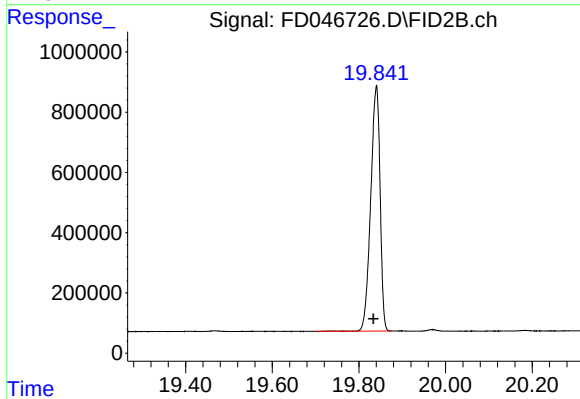
#18 n-Dotriacontane (C32)

R.T.: 18.330 min  
Delta R.T.: 0.008 min  
Response: 13403859  
Conc: 93.22 ug/ml



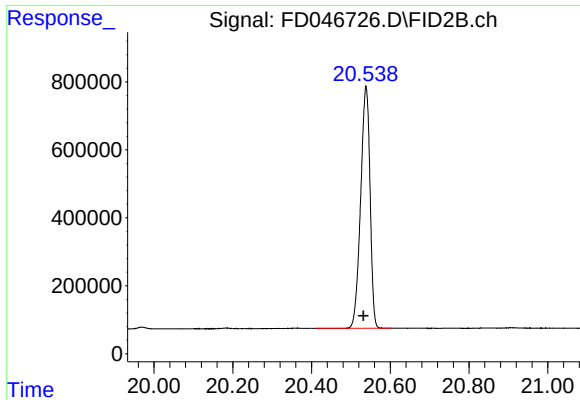
#19 n-Tetratriacontane (C34)

R.T.: 19.107 min  
Delta R.T.: 0.007 min  
Response: 12665633  
Conc: 93.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.840 min  
Delta R.T.: 0.007 min  
Response: 12194695  
Conc: 93.80 ug/ml



#21 n-Octatriacontane (C38)

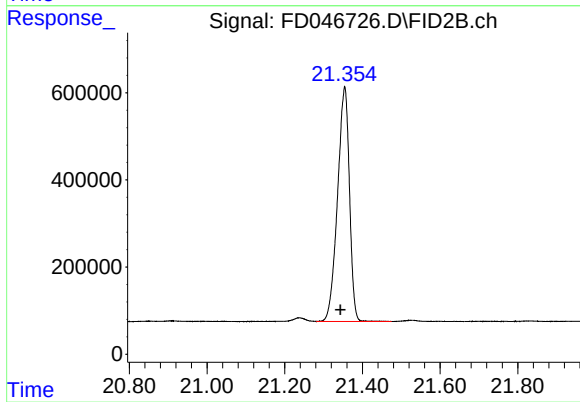
R.T.: 20.539 min  
Delta R.T.: 0.007 min  
Response: 11753238  
Conc: 94.19 ug/ml

Instrument :

FID\_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.355 min  
Delta R.T.: 0.012 min  
Response: 11486133  
Conc: 95.08 ug/ml