

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF062023AL\  
 Data File : FF012926.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Jun 2023 13:24  
 Operator : YP\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jun 20 13:42:52 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 062023.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 20 13:16:02 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)    | 10.876 | 753378     | 5.133 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 10.27%       |
| 12) S 1-chlorooctadecane (S... | 12.313 | 529990     | 5.003 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 10.01%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.745  | 601008     | 5.115 ug/ml  |
| 2) T n-Decane (C10)            | 3.752  | 596385     | 5.009 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.325  | 557203     | 4.427 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.736  | 611654     | 5.087 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.380  | 469825     | 4.058 ug/mlm |
| 6) T n-Tetradecane (C14)       | 7.524  | 574921     | 4.881 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.121  | 599469     | 4.892 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.558 | 642264     | 5.065 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.863 | 640156     | 5.164 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.474 | 625827     | 5.131 ug/ml  |
| 13) T n-Docosane (C22)         | 13.060 | 624821     | 5.126 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.162 | 619198     | 5.056 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.180 | 607728     | 5.065 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.127 | 590899     | 5.031 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.012 | 616309     | 5.221 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.841 | 620696     | 5.391 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 18.623 | 585726     | 5.349 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.363 | 549127     | 5.227 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.086 | 538774     | 5.196 ug/mlm |
| 22) T n-Tetracontane (C40)     | 20.972 | 491751     | 5.095 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

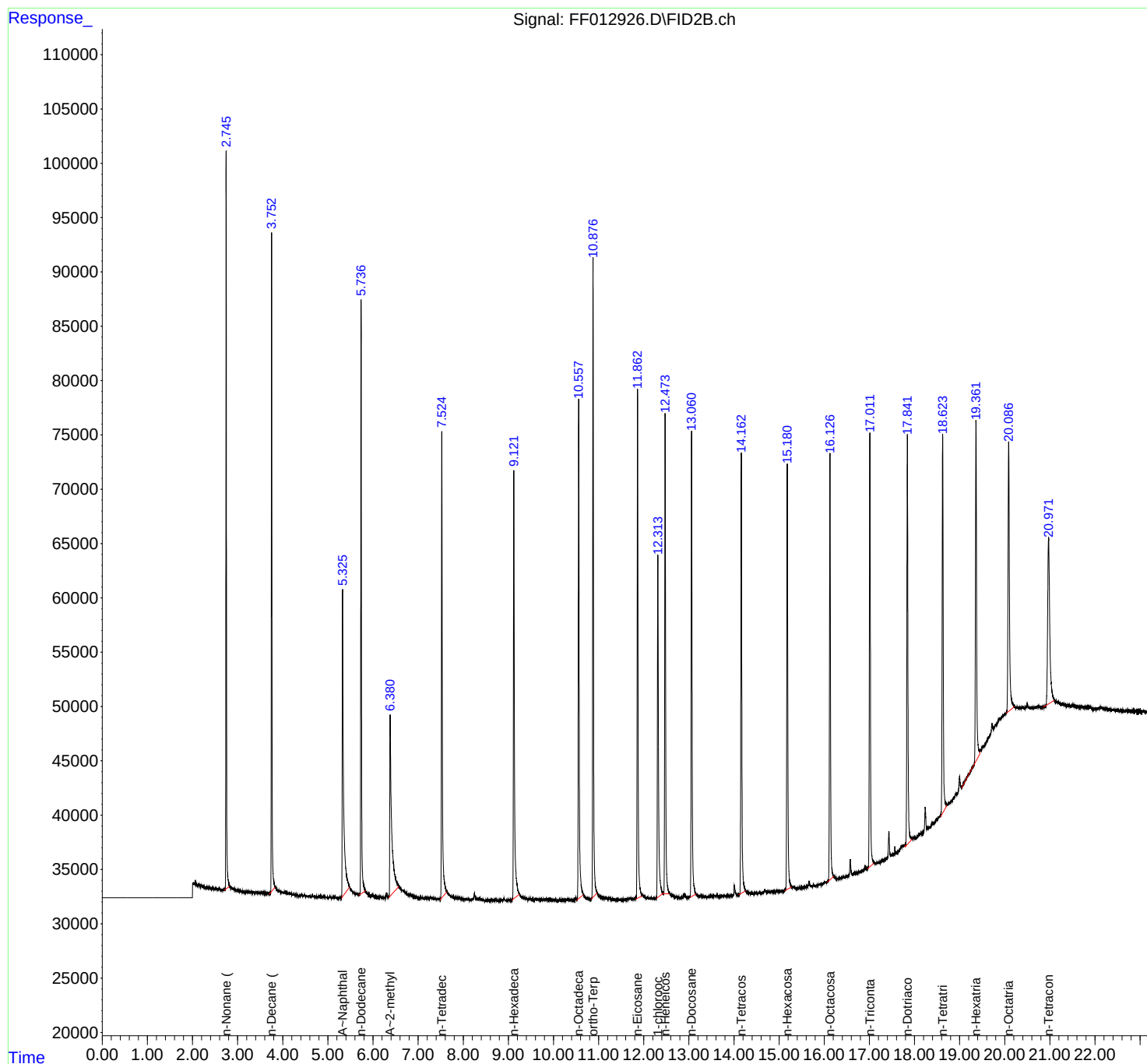
(m)=manual int.

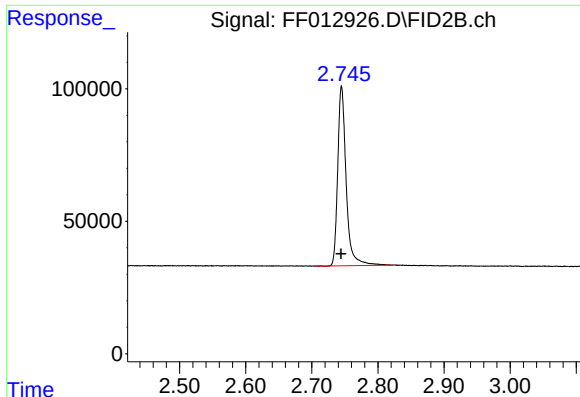
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF062023AL\  
Data File : FF012926.D  
Signal(s) : FID2B.ch  
Acq On : 20 Jun 2023 13:24  
Operator : YP\AJ  
Sample : 5 PPM ALIPHATIC HC STD5  
Misc :  
ALS Vial : 65 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: Jun 20 13:42:52 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 062023.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 20 13:16:02 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

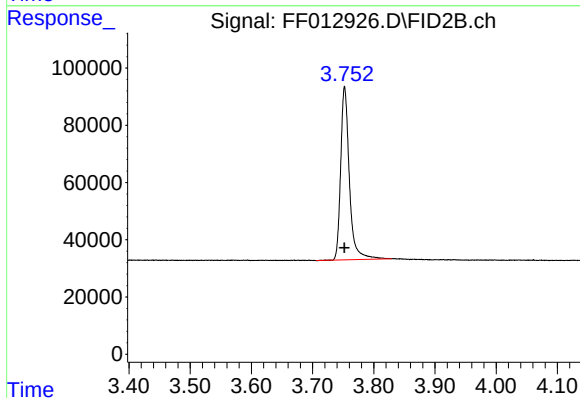




#1 n-Nonane (C9)

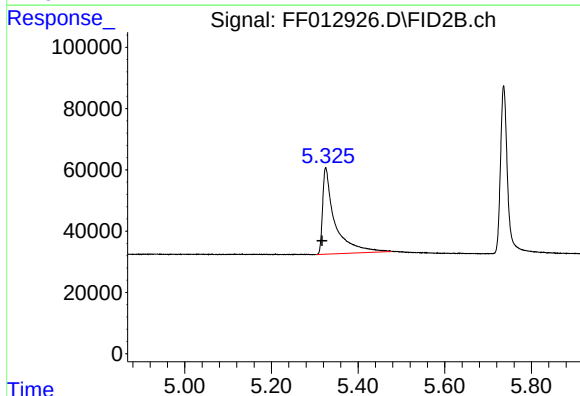
R.T.: 2.745 min  
Delta R.T.: 0.001 min  
Response: 601008  
Conc: 5.12 ug/ml

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



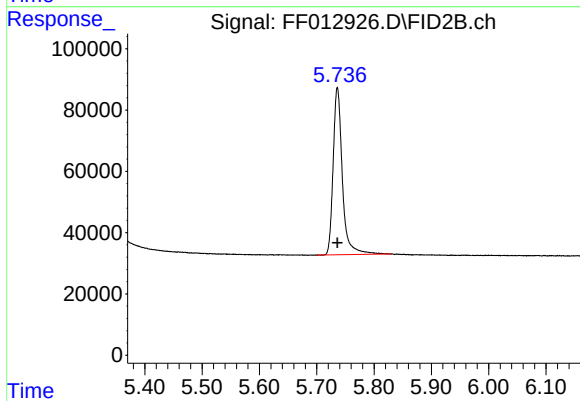
#2 n-Decane (C10)

R.T.: 3.752 min  
Delta R.T.: 0.000 min  
Response: 596385  
Conc: 5.01 ug/ml



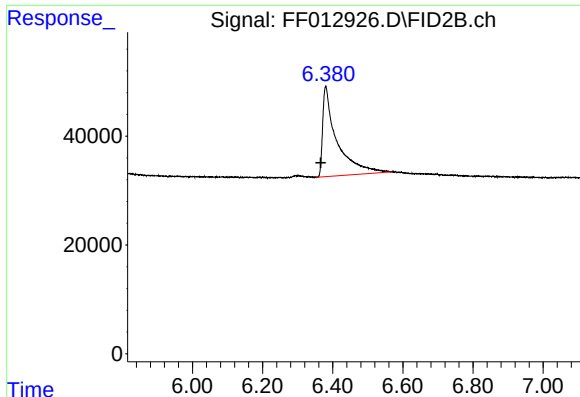
#3 A~Naphthalene (C11.7)

R.T.: 5.325 min  
Delta R.T.: 0.008 min  
Response: 557203  
Conc: 4.43 ug/ml



#4 n-Dodecane (C12)

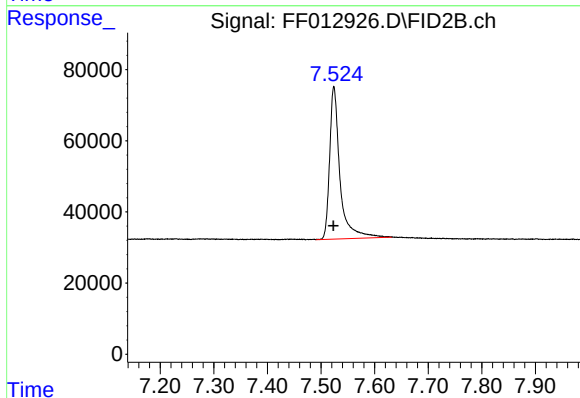
R.T.: 5.736 min  
Delta R.T.: 0.000 min  
Response: 611654  
Conc: 5.09 ug/ml



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

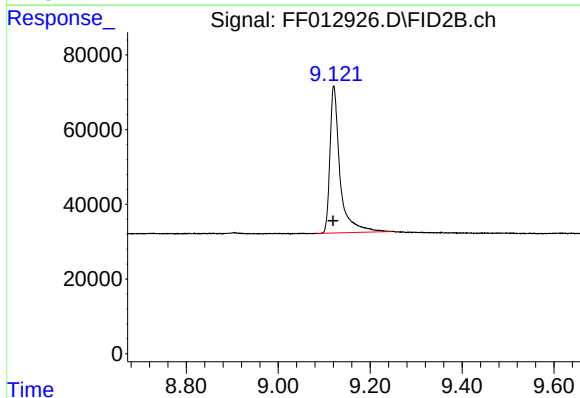
R.T.: 6.380 min  
Delta R.T.: 0.014 min  
Response: 469825  
Conc: 4.06 ug/ml

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



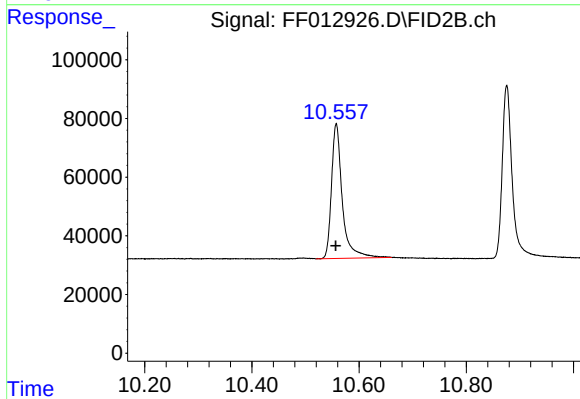
#6 n-Tetradecane (C14)

R.T.: 7.524 min  
Delta R.T.: 0.000 min  
Response: 574921  
Conc: 4.88 ug/ml



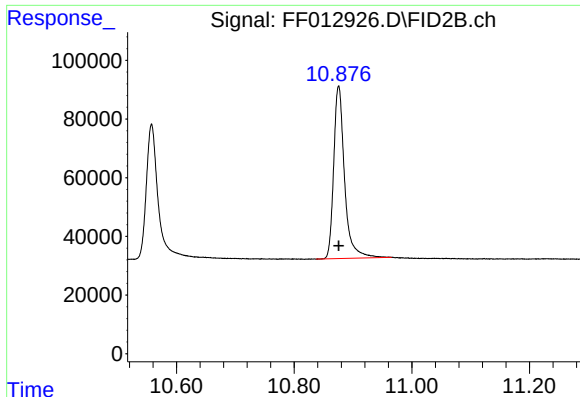
#7 n-Hexadecane (C16)

R.T.: 9.121 min  
Delta R.T.: 0.002 min  
Response: 599469  
Conc: 4.89 ug/ml



#8 n-Octadecane (C18)

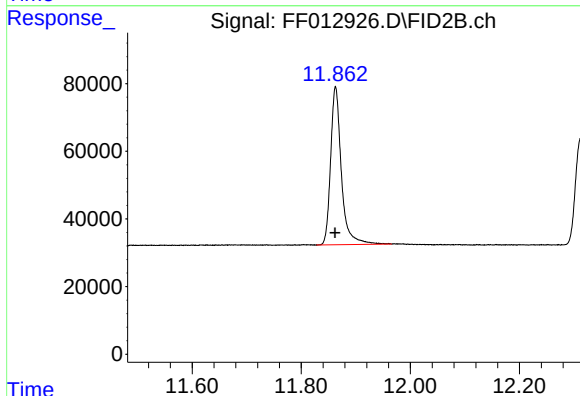
R.T.: 10.558 min  
Delta R.T.: 0.000 min  
Response: 642264  
Conc: 5.06 ug/ml



#9 ortho-Terphenyl (SURR)

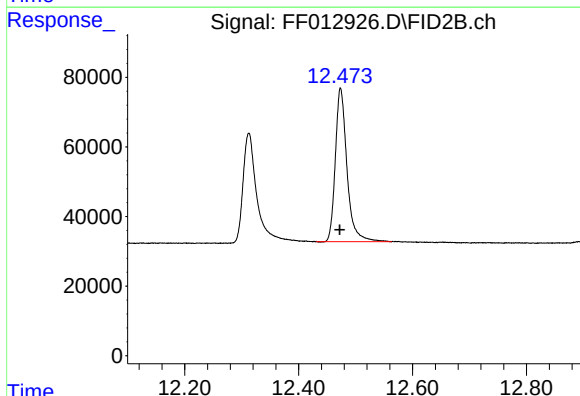
R.T.: 10.876 min  
Delta R.T.: 0.000 min  
Response: 753378  
Conc: 5.13 ug/ml

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



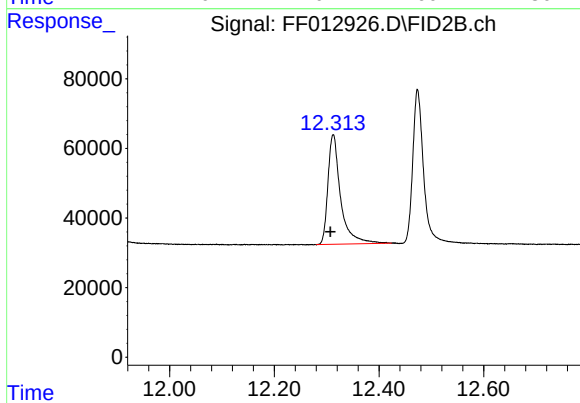
#10 n-Eicosane (C20)

R.T.: 11.863 min  
Delta R.T.: 0.001 min  
Response: 640156  
Conc: 5.16 ug/ml



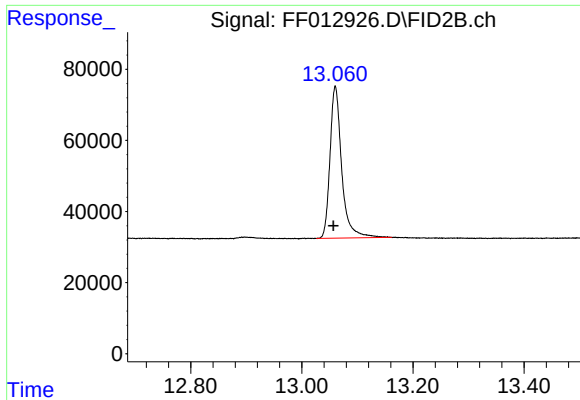
#11 n-Heneicosane (C21)

R.T.: 12.474 min  
Delta R.T.: 0.001 min  
Response: 625827  
Conc: 5.13 ug/ml



#12 1-chlorooctadecane (SURR)

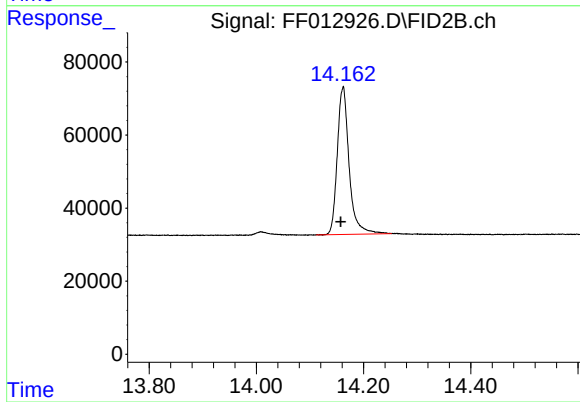
R.T.: 12.313 min  
Delta R.T.: 0.006 min  
Response: 529990  
Conc: 5.00 ug/ml



#13 n-Docosane (C22)

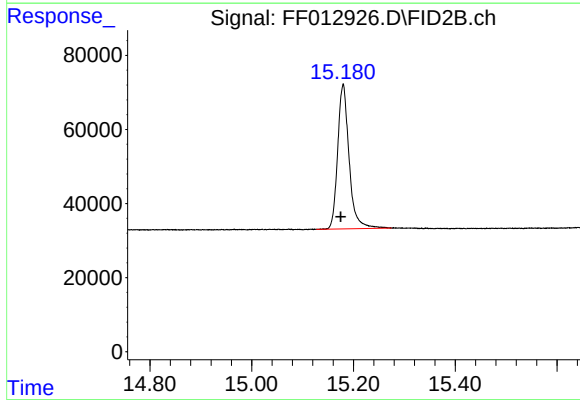
R.T.: 13.060 min  
Delta R.T.: 0.003 min  
Response: 624821  
Conc: 5.13 ug/ml

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



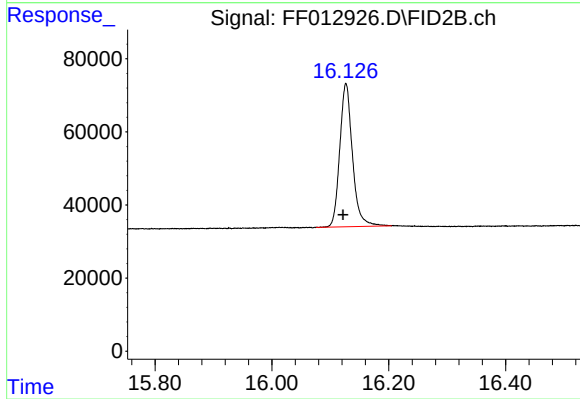
#14 n-Tetracosane (C24)

R.T.: 14.162 min  
Delta R.T.: 0.005 min  
Response: 619198  
Conc: 5.06 ug/ml



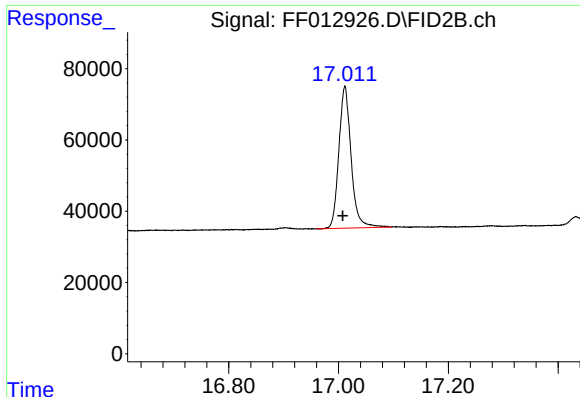
#15 n-Hexacosane (C26)

R.T.: 15.180 min  
Delta R.T.: 0.005 min  
Response: 607728  
Conc: 5.06 ug/ml



#16 n-Octacosane (C28)

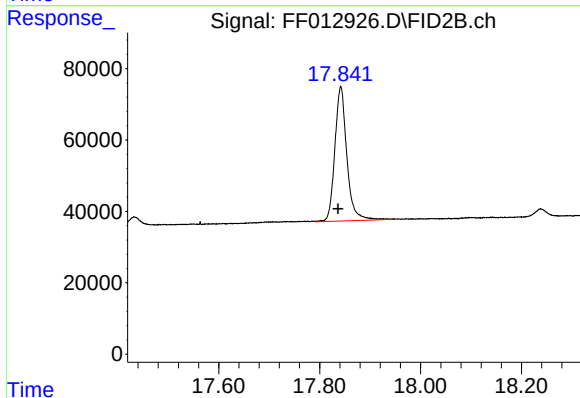
R.T.: 16.127 min  
Delta R.T.: 0.005 min  
Response: 590899  
Conc: 5.03 ug/ml



#17 n-Tricontane (C30)

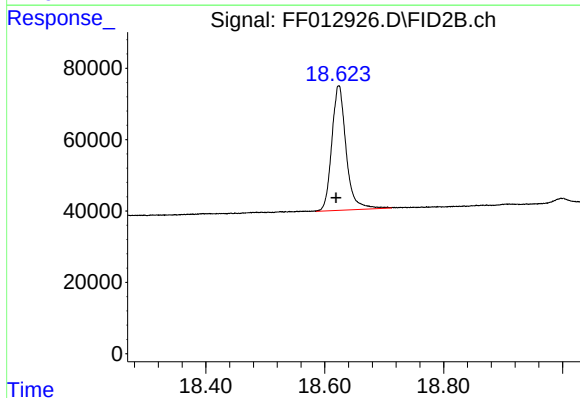
R.T.: 17.012 min  
Delta R.T.: 0.004 min  
Response: 616309  
Conc: 5.22 ug/ml

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



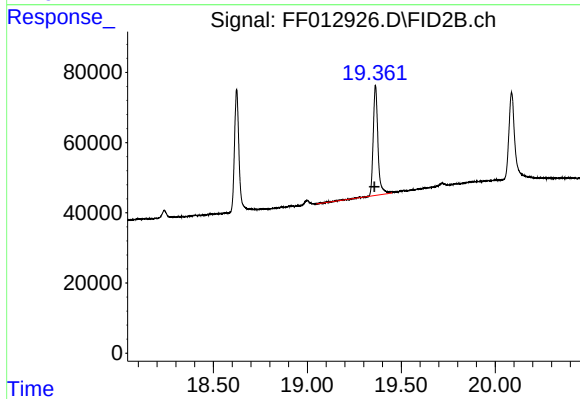
#18 n-Dotriacontane (C32)

R.T.: 17.841 min  
Delta R.T.: 0.005 min  
Response: 620696  
Conc: 5.39 ug/ml m



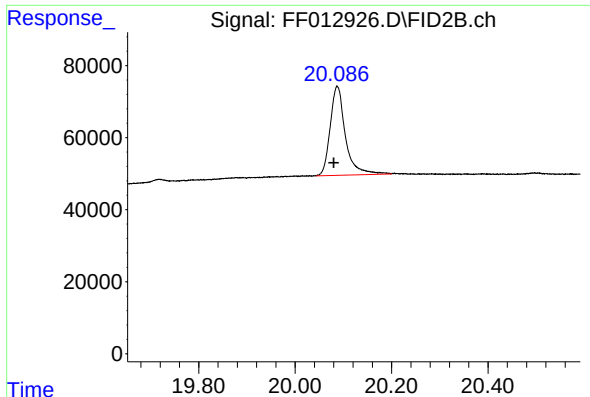
#19 n-Tetratriacontane (C34)

R.T.: 18.623 min  
Delta R.T.: 0.004 min  
Response: 585726  
Conc: 5.35 ug/ml m



#20 n-Hexatriacontane (C36)

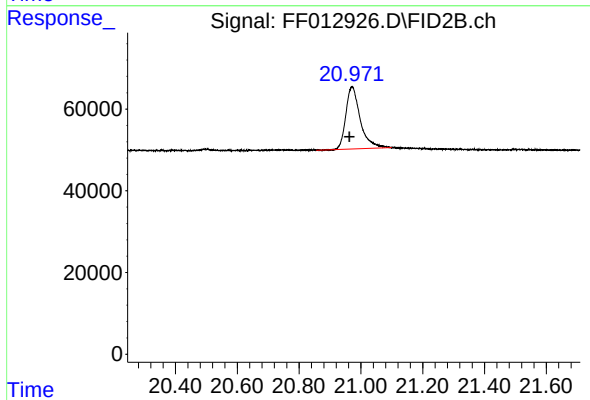
R.T.: 19.363 min  
Delta R.T.: 0.006 min  
Response: 549127  
Conc: 5.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.086 min  
Delta R.T.: 0.006 min  
Response: 538774  
Conc: 5.20 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 20.972 min  
Delta R.T.: 0.008 min  
Response: 491751  
Conc: 5.10 ug/ml