

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082222AL\  
 Data File : FG010409.D  
 Signal(s) : FID1A.ch  
 Acq On : 22 Aug 2022 18:12  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 23 02:13:10 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH FG082222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 23 02:09:45 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)    | 10.690 | 13300876   | 96.343 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 192.69%      |
| 12) S 1-chlorooctadecane (S... | 12.139 | 10707011   | 96.412 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 192.82%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.568  | 11155475   | 96.634 ug/ml |
| 2) T n-Decane (C10)            | 3.566  | 11239277   | 96.646 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.111  | 13036951   | 96.613 ug/ml |
| 4) T n-Dodecane (C12)          | 5.552  | 11609102   | 96.535 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.161  | 13326402   | 96.790 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.344  | 11916281   | 96.489 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.945  | 12071534   | 96.540 ug/ml |
| 8) T n-Octadecane (C18)        | 10.388 | 12231160   | 96.396 ug/ml |
| 10) T n-Eicosane (C20)         | 11.698 | 12000684   | 96.310 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.310 | 11966671   | 96.291 ug/ml |
| 13) T n-Docosane (C22)         | 12.897 | 11804213   | 96.385 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.000 | 11557340   | 96.128 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.023 | 11190102   | 96.318 ug/ml |
| 16) T n-Octacosane (C28)       | 15.973 | 10912335   | 96.343 ug/ml |
| 17) T n-Tricontane (C30)       | 16.860 | 10271793   | 96.131 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.690 | 8324072    | 95.975 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.474 | 6138157    | 95.924 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.213 | 4725408    | 95.730 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.922 | 4139235    | 95.989 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.763 | 4012748    | 97.133 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

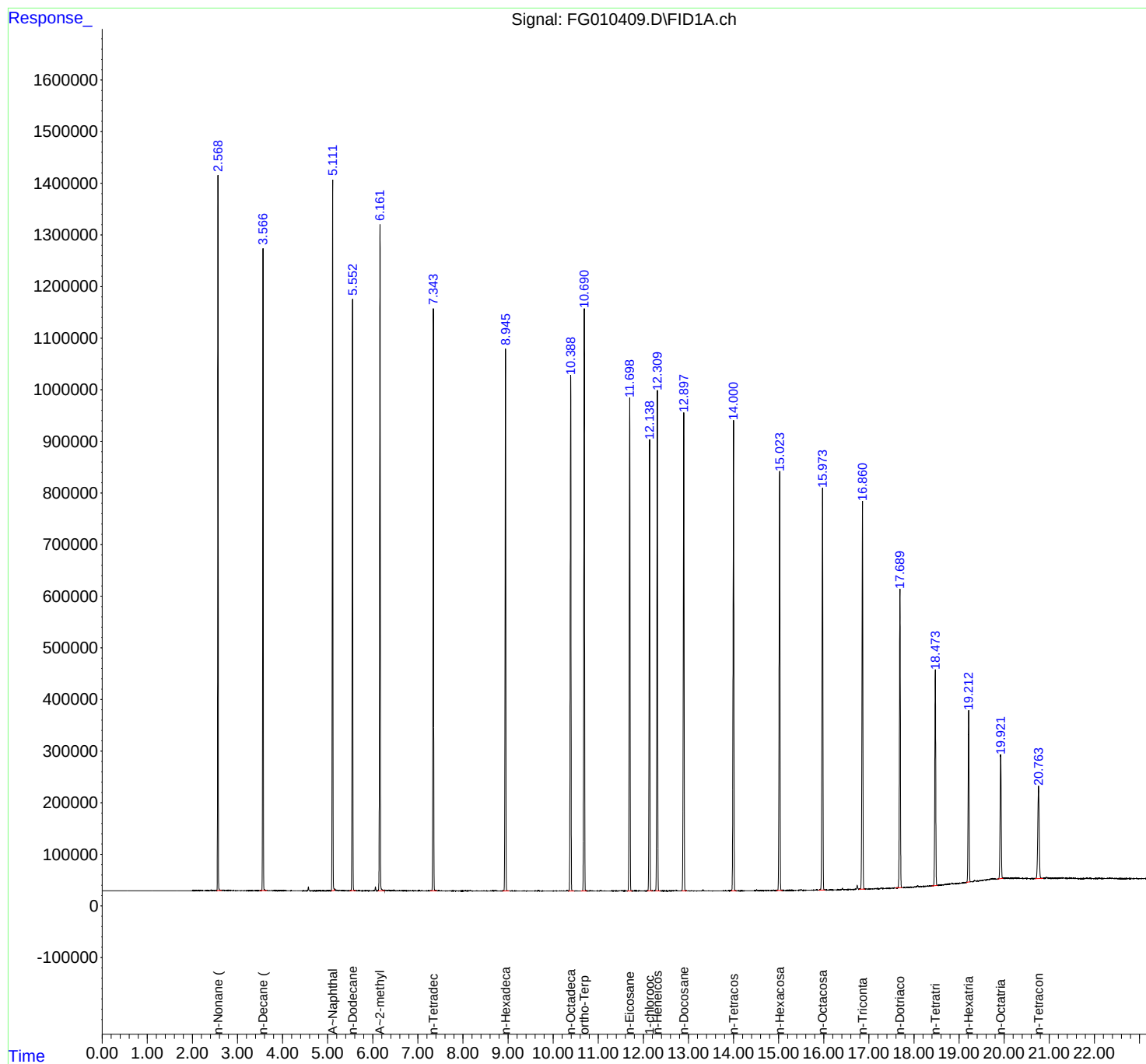
(m)=manual int.

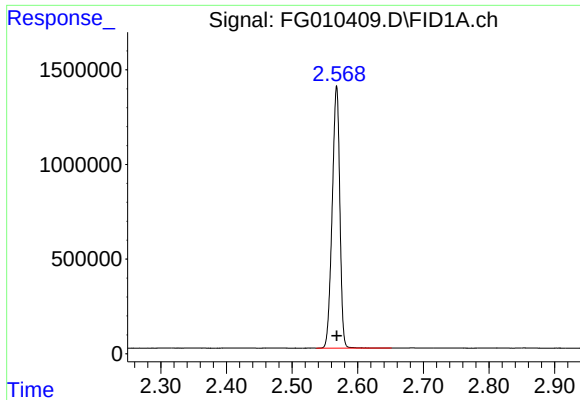
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082222AL\  
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Volume Inj. : 1 uL  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

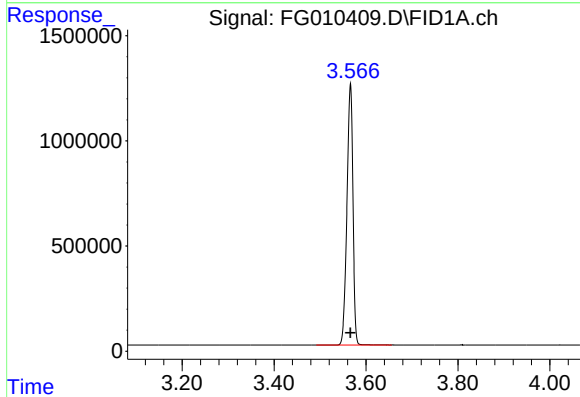




#1 n-Nonane (C9)

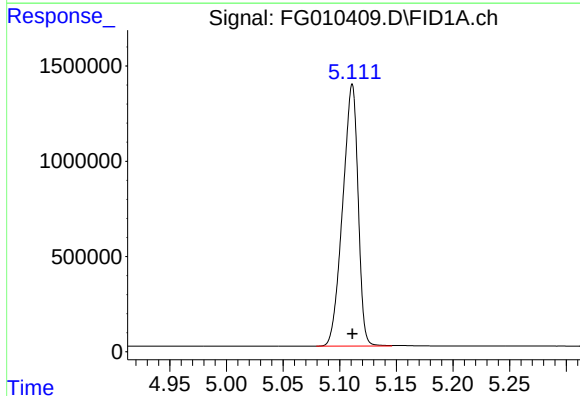
R.T.: 2.568 min  
Delta R.T.: 0.000 min  
Response: 11155475  
Conc: 96.63 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



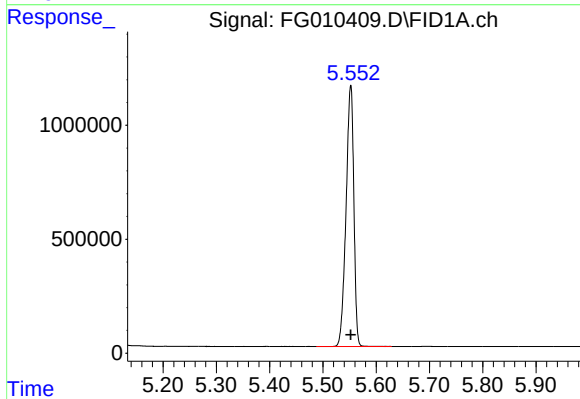
#2 n-Decane (C10)

R.T.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 11239277  
Conc: 96.65 ug/ml



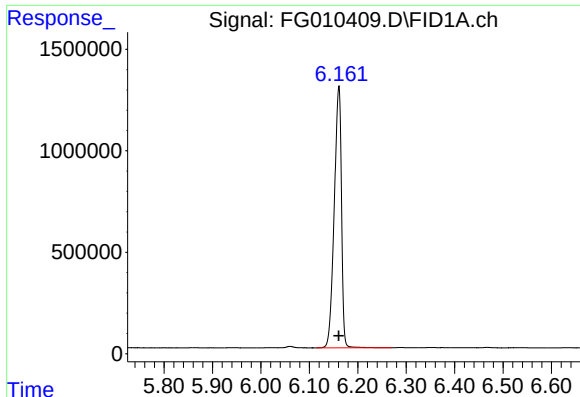
#3 A~Naphthalene (C11.7)

R.T.: 5.111 min  
Delta R.T.: 0.000 min  
Response: 13036951  
Conc: 96.61 ug/ml



#4 n-Dodecane (C12)

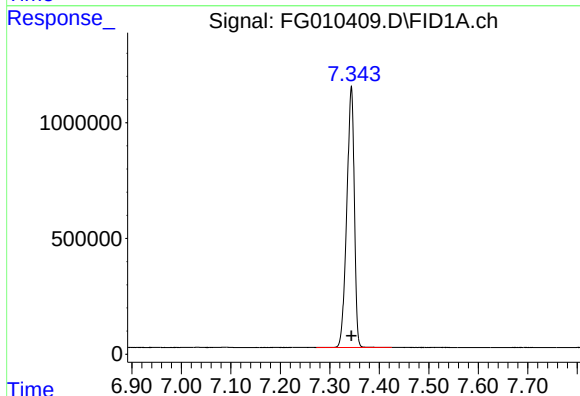
R.T.: 5.552 min  
Delta R.T.: 0.000 min  
Response: 11609102  
Conc: 96.53 ug/ml



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

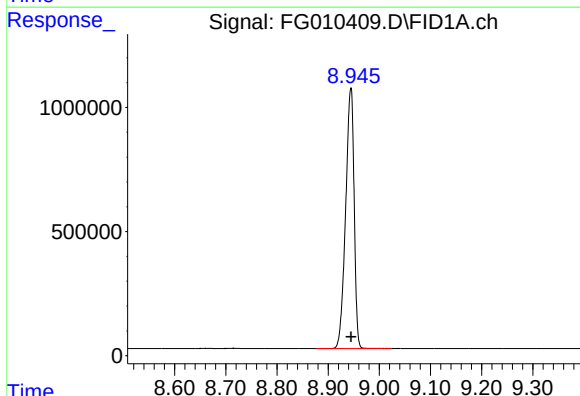
R.T.: 6.161 min  
Delta R.T.: 0.000 min  
Response: 13326402  
Conc: 96.79 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



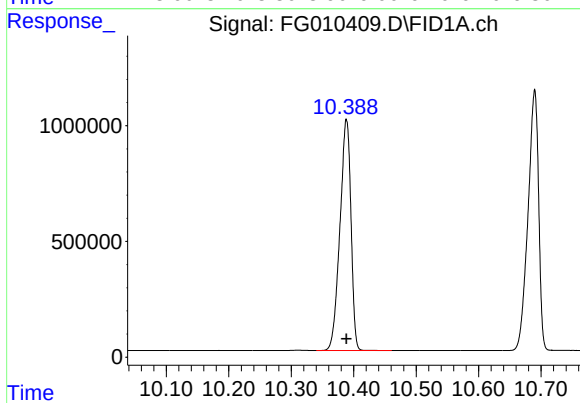
#6 n-Tetradecane (C14)

R.T.: 7.344 min  
Delta R.T.: 0.000 min  
Response: 11916281  
Conc: 96.49 ug/ml



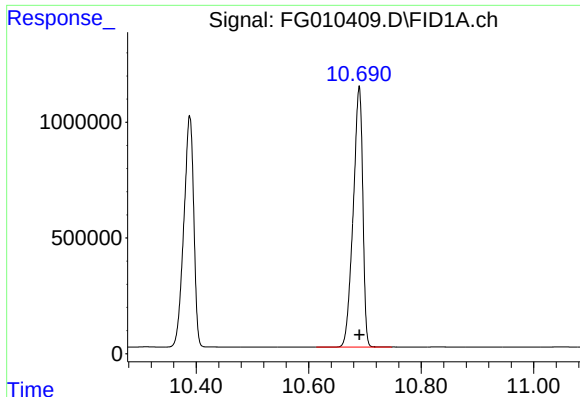
#7 n-Hexadecane (C16)

R.T.: 8.945 min  
Delta R.T.: 0.000 min  
Response: 12071534  
Conc: 96.54 ug/ml



#8 n-Octadecane (C18)

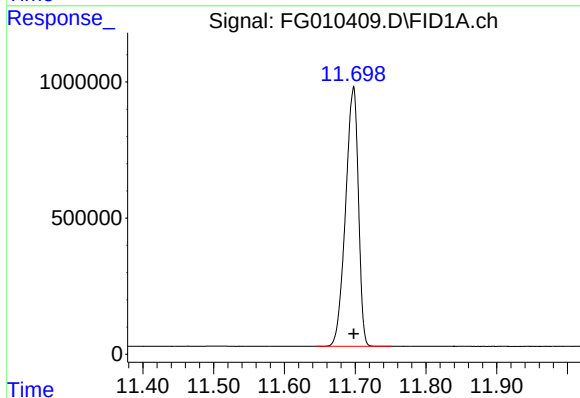
R.T.: 10.388 min  
Delta R.T.: 0.000 min  
Response: 12231160  
Conc: 96.40 ug/ml



#9 ortho-Terphenyl (SURR)

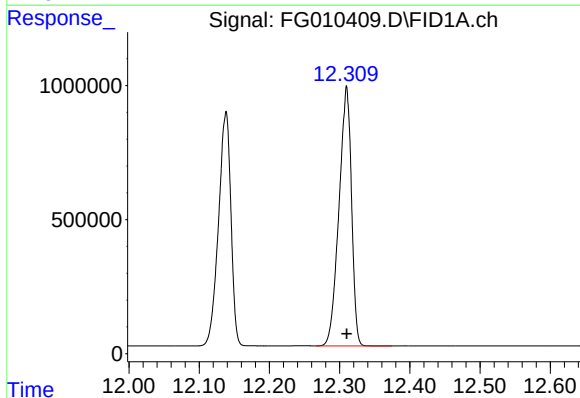
R.T.: 10.690 min  
Delta R.T.: 0.000 min  
Response: 13300876  
Conc: 96.34 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



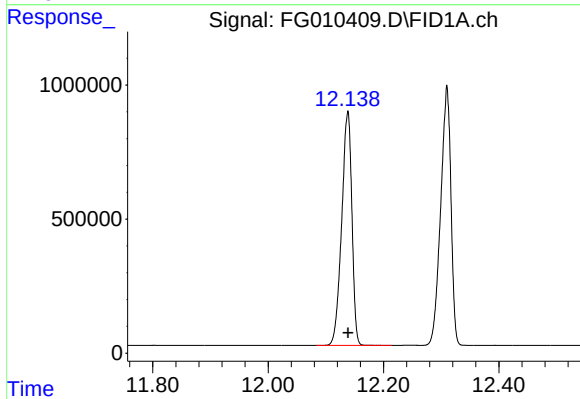
#10 n-Eicosane (C20)

R.T.: 11.698 min  
Delta R.T.: 0.000 min  
Response: 12000684  
Conc: 96.31 ug/ml



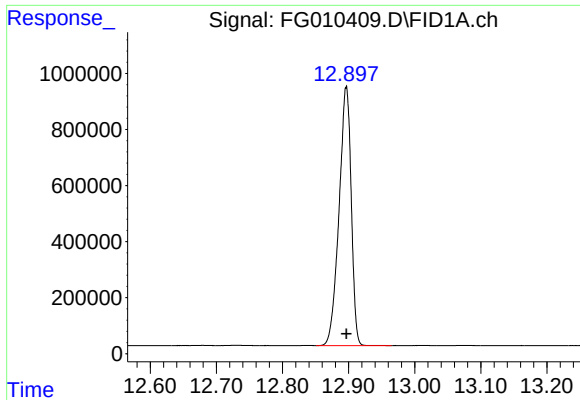
#11 n-Heneicosane (C21)

R.T.: 12.310 min  
Delta R.T.: 0.000 min  
Response: 11966671  
Conc: 96.29 ug/ml



#12 1-chlorooctadecane (SURR)

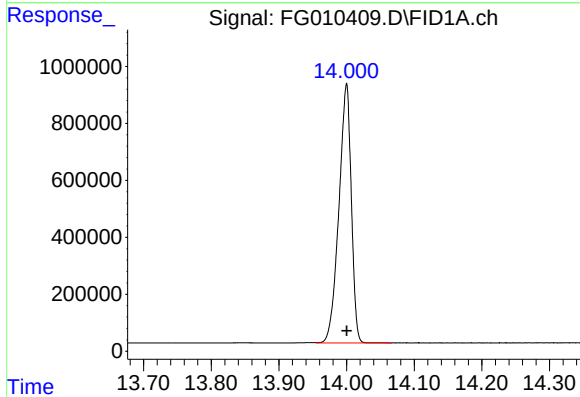
R.T.: 12.139 min  
Delta R.T.: 0.000 min  
Response: 10707011  
Conc: 96.41 ug/ml



#13 n-Docosane (C22)

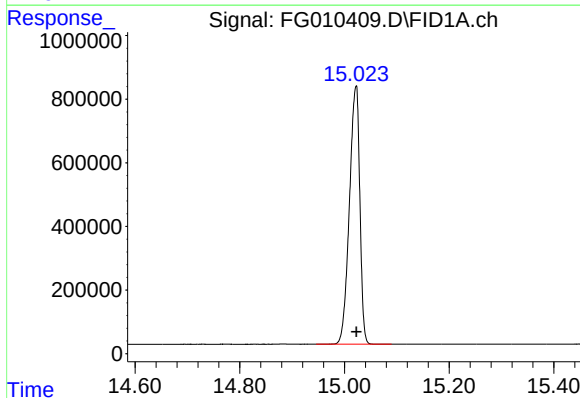
R.T.: 12.897 min  
Delta R.T.: 0.000 min  
Response: 11804213  
Conc: 96.39 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



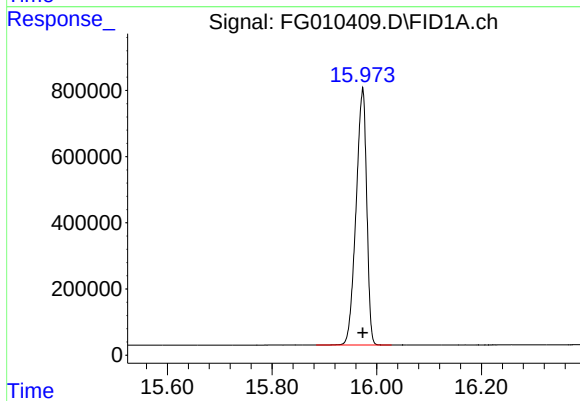
#14 n-Tetracosane (C24)

R.T.: 14.000 min  
Delta R.T.: 0.000 min  
Response: 11557340  
Conc: 96.13 ug/ml



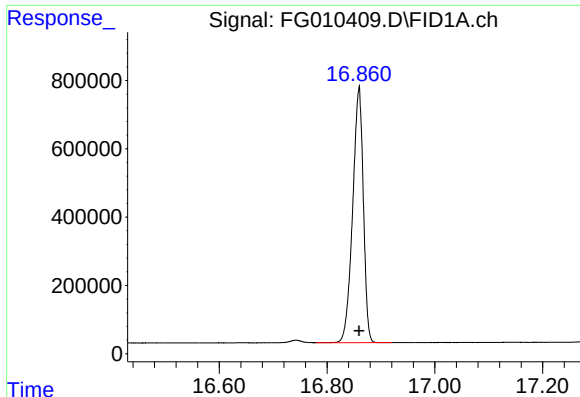
#15 n-Hexacosane (C26)

R.T.: 15.023 min  
Delta R.T.: 0.000 min  
Response: 11190102  
Conc: 96.32 ug/ml



#16 n-Octacosane (C28)

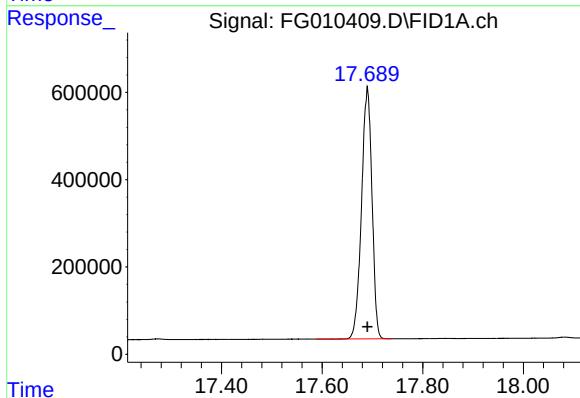
R.T.: 15.973 min  
Delta R.T.: 0.000 min  
Response: 10912335  
Conc: 96.34 ug/ml



#17 n-Tricontane (C30)

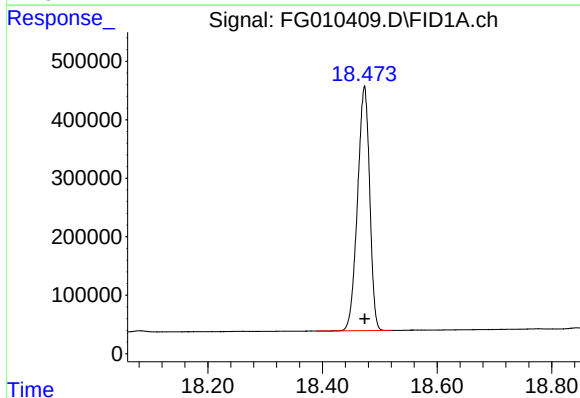
R.T.: 16.860 min  
Delta R.T.: 0.000 min  
Response: 10271793  
Conc: 96.13 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



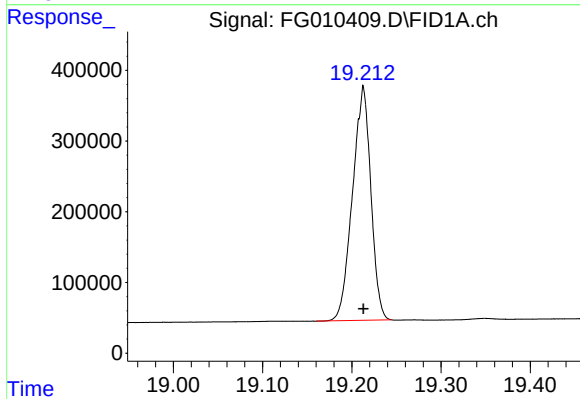
#18 n-Dotriacontane (C32)

R.T.: 17.690 min  
Delta R.T.: 0.000 min  
Response: 8324072  
Conc: 95.98 ug/ml



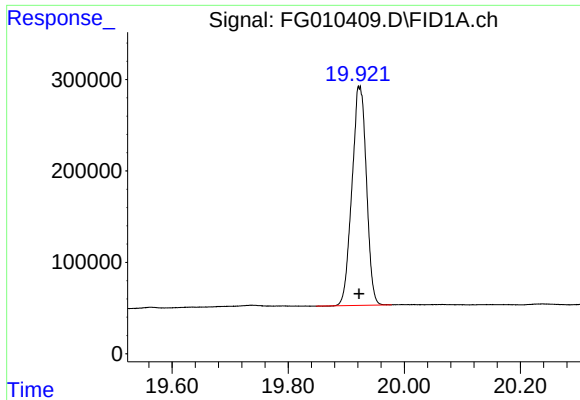
#19 n-Tetratriacontane (C34)

R.T.: 18.474 min  
Delta R.T.: 0.000 min  
Response: 6138157  
Conc: 95.92 ug/ml



#20 n-Hexatriacontane (C36)

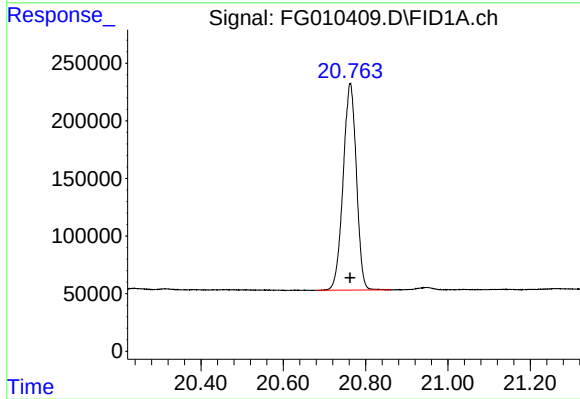
R.T.: 19.213 min  
Delta R.T.: 0.000 min  
Response: 4725408  
Conc: 95.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.922 min  
Delta R.T.: 0.000 min  
Response: 4139235  
Conc: 95.99 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.763 min  
Delta R.T.: 0.000 min  
Response: 4012748  
Conc: 97.13 ug/ml