

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG102925AL\  
 Data File : FG016853.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Oct 2025 17:32  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e  
 Quant Time: Oct 29 17:42:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 102925.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 29 16:21:47 2025  
 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)    | 12.039 | 2878633    | 18.227 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.45%       |
| 12) S 1-chlorooctadecane (S... | 13.485 | 2197563    | 18.247 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.49%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.365  | 2333992    | 18.734 ug/ml |
| 2) T n-Decane (C10)            | 4.625  | 2380603    | 18.595 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.343  | 2445124    | 18.688 ug/ml |
| 4) T n-Dodecane (C12)          | 6.806  | 2412397    | 18.502 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.447  | 2263229    | 18.807 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.646  | 2364432    | 18.508 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.264 | 2446067    | 18.512 ug/ml |
| 8) T n-Octadecane (C18)        | 11.717 | 2558203    | 18.357 ug/ml |
| 10) T n-Eicosane (C20)         | 13.035 | 2540186    | 18.173 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.652 | 2526929    | 18.175 ug/ml |
| 13) T n-Docosane (C22)         | 14.243 | 2527708    | 17.866 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.353 | 2549263    | 17.339 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.381 | 2534590    | 17.276 ug/ml |
| 16) T n-Octacosane (C28)       | 17.338 | 2511002    | 17.057 ug/ml |
| 17) T n-Tricontane (C30)       | 18.232 | 2583310    | 17.072 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.069 | 2504607    | 16.991 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.856 | 2261777    | 17.551 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.600 | 1919405    | 18.544 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.378 | 1687771    | 19.144 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.363 | 1511163    | 19.300 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

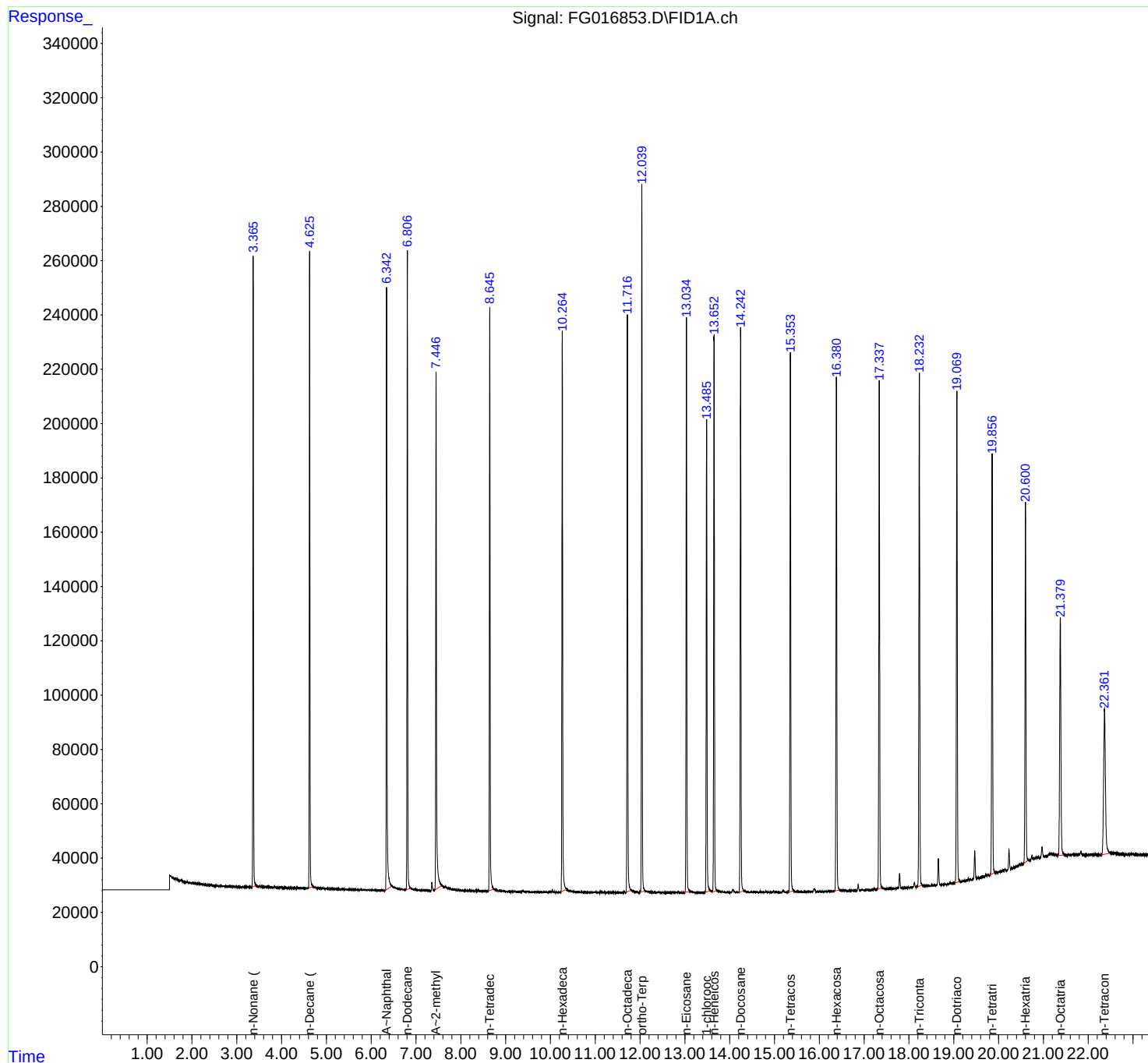
(m)=manual int.

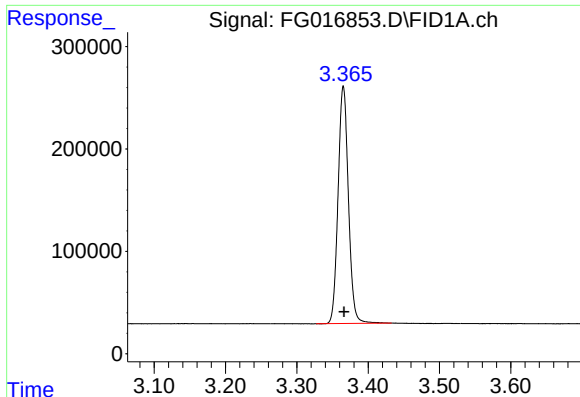
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG102925AL\  
Data File : FG016853.D  
Signal(s) : FID1A.ch  
Acq On : 29 Oct 2025 17:32  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD ICV  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e  
Quant Time: Oct 29 17:42:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 102925.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 29 16:21:47 2025  
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)

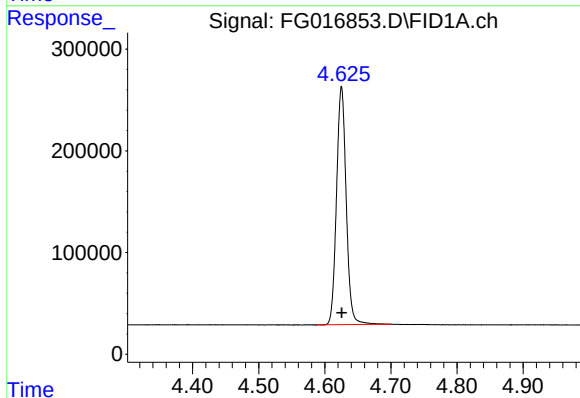
R.T.: 3.365 min  
Delta R.T.: 0.000 min  
Response: 2333992  
Conc: 18.73 ug/ml

Instrument :

FID\_G

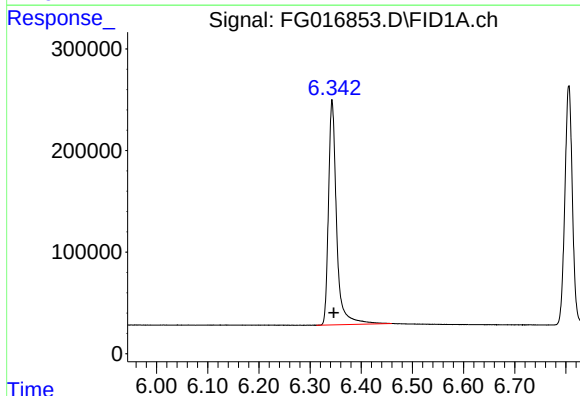
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



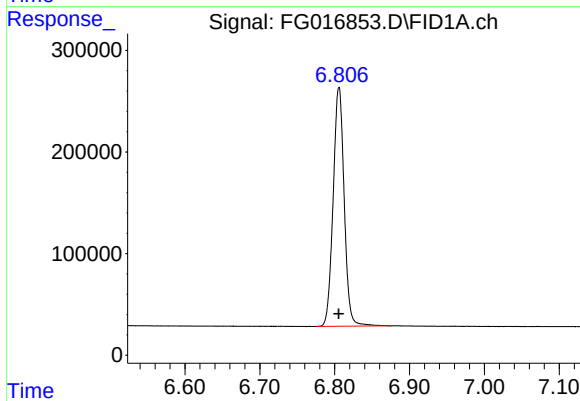
#2 n-Decane (C10)

R.T.: 4.625 min  
Delta R.T.: 0.000 min  
Response: 2380603  
Conc: 18.60 ug/ml



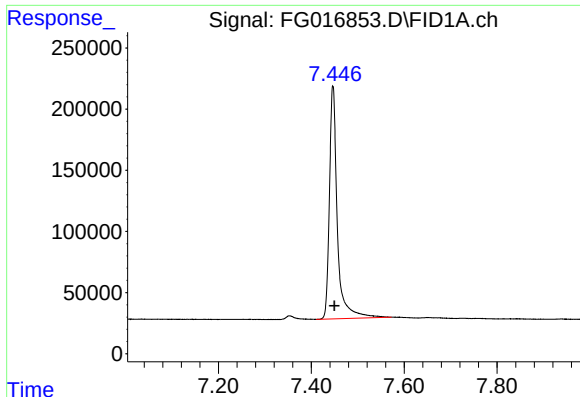
#3 A~Naphthalene (C11.7)

R.T.: 6.343 min  
Delta R.T.: -0.003 min  
Response: 2445124  
Conc: 18.69 ug/ml



#4 n-Dodecane (C12)

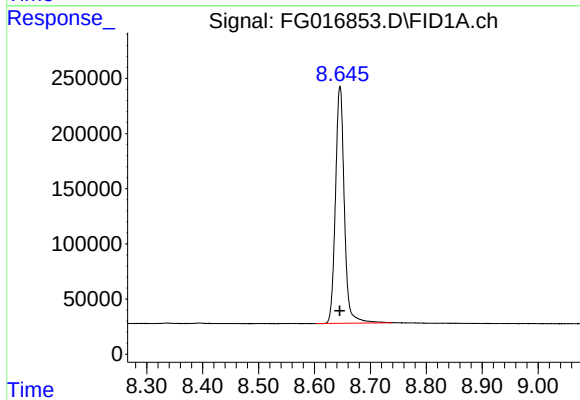
R.T.: 6.806 min  
Delta R.T.: 0.000 min  
Response: 2412397  
Conc: 18.50 ug/ml



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

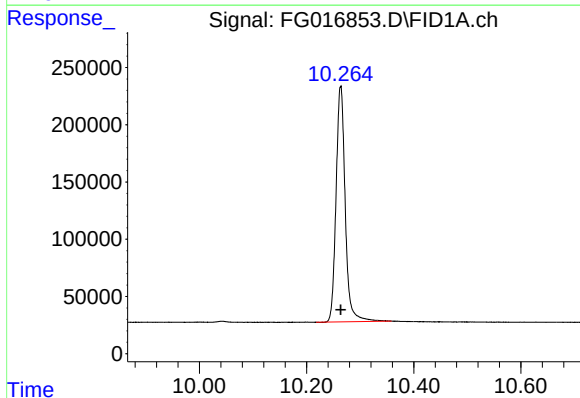
R.T.: 7.447 min  
Delta R.T.: -0.003 min  
Response: 2263229  
Conc: 18.81 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
20 PPM ALIPHATIC HC STD ICV



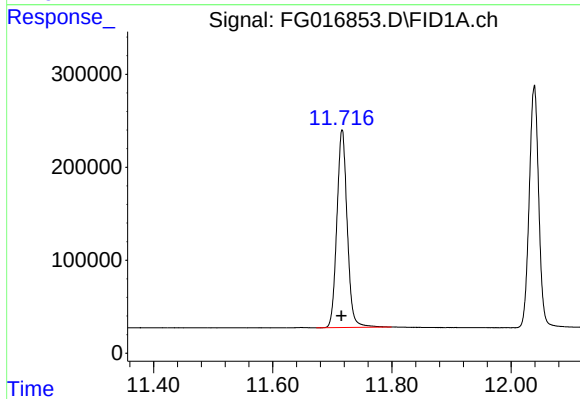
#6 n-Tetradecane (C14)

R.T.: 8.646 min  
Delta R.T.: 0.000 min  
Response: 2364432  
Conc: 18.51 ug/ml



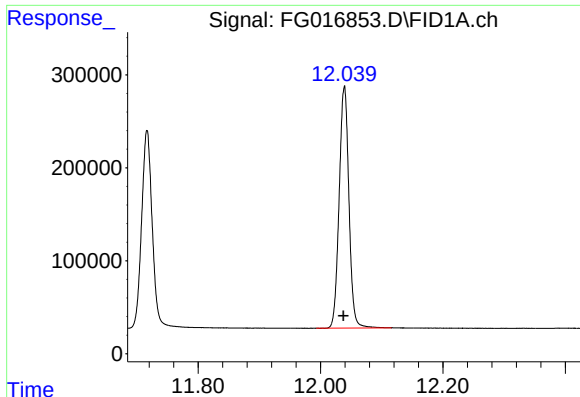
#7 n-Hexadecane (C16)

R.T.: 10.264 min  
Delta R.T.: 0.000 min  
Response: 2446067  
Conc: 18.51 ug/ml



#8 n-Octadecane (C18)

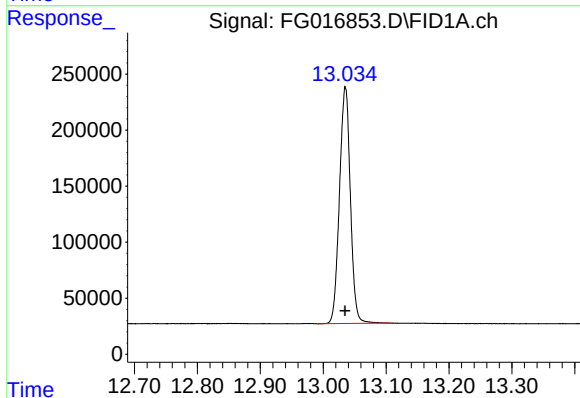
R.T.: 11.717 min  
Delta R.T.: 0.000 min  
Response: 2558203  
Conc: 18.36 ug/ml



#9 ortho-Terphenyl (SURR)

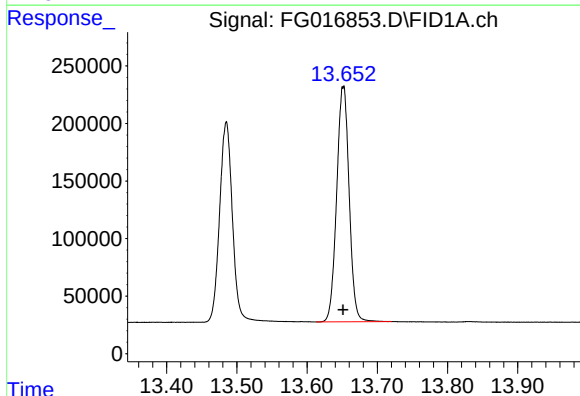
R.T.: 12.039 min  
Delta R.T.: 0.001 min  
Response: 2878633  
Conc: 18.23 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
20 PPM ALIPHATIC HC STD ICV



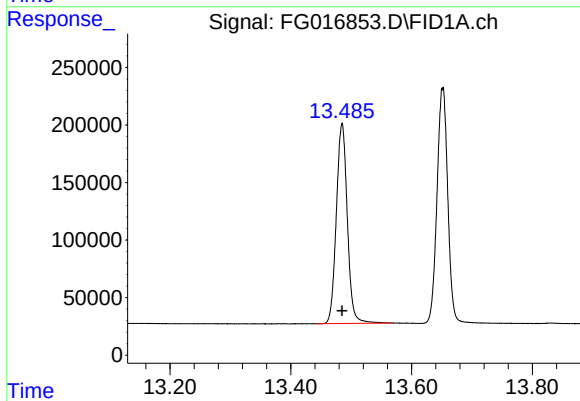
#10 n-Eicosane (C20)

R.T.: 13.035 min  
Delta R.T.: 0.000 min  
Response: 2540186  
Conc: 18.17 ug/ml



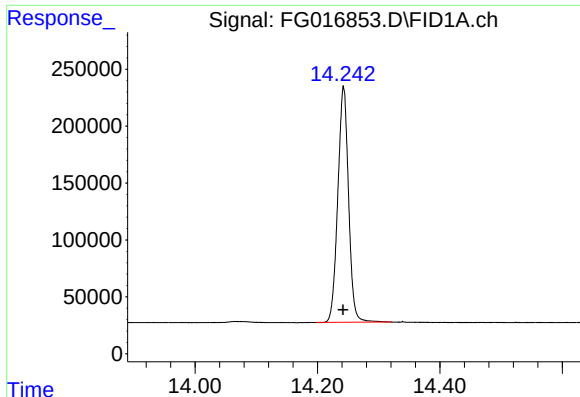
#11 n-Heneicosane (C21)

R.T.: 13.652 min  
Delta R.T.: 0.000 min  
Response: 2526929  
Conc: 18.18 ug/ml



#12 1-chlorooctadecane (SURR)

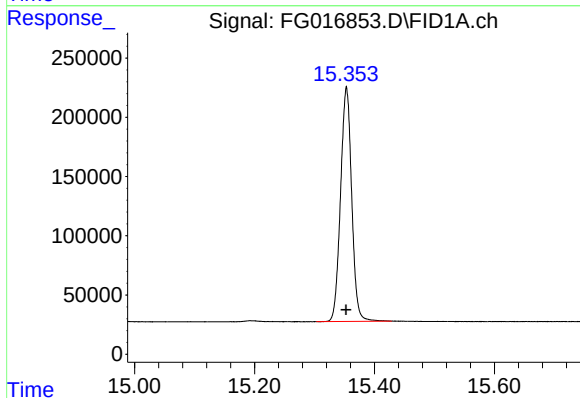
R.T.: 13.485 min  
Delta R.T.: 0.000 min  
Response: 2197563  
Conc: 18.25 ug/ml



#13 n-Docosane (C22)

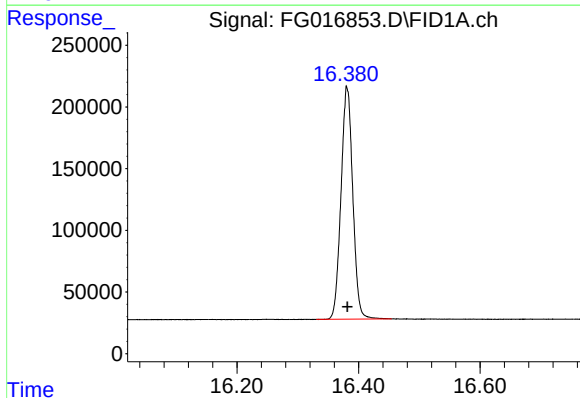
R.T.: 14.243 min  
Delta R.T.: 0.000 min  
Response: 2527708  
Conc: 17.87 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
20 PPM ALIPHATIC HC STD ICV



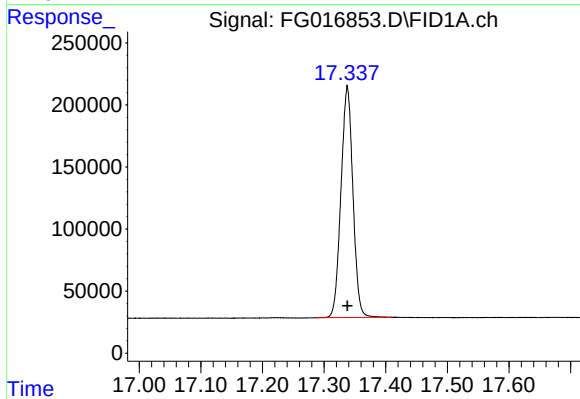
#14 n-Tetracosane (C24)

R.T.: 15.353 min  
Delta R.T.: 0.000 min  
Response: 2549263  
Conc: 17.34 ug/ml



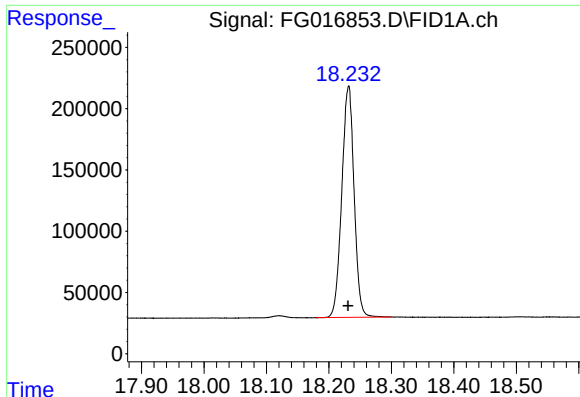
#15 n-Hexacosane (C26)

R.T.: 16.381 min  
Delta R.T.: 0.000 min  
Response: 2534590  
Conc: 17.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.338 min  
Delta R.T.: 0.000 min  
Response: 2511002  
Conc: 17.06 ug/ml



#17 n-Tricontane (C30)

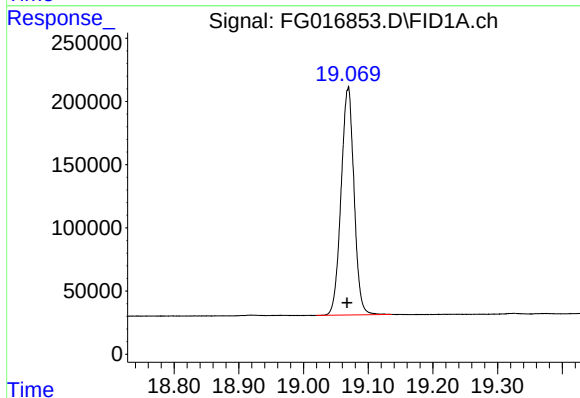
R.T.: 18.232 min  
Delta R.T.: 0.000 min  
Response: 2583310  
Conc: 17.07 ug/ml

Instrument :

FID\_G

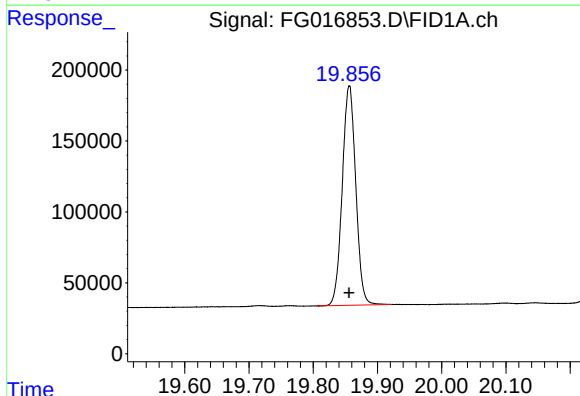
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



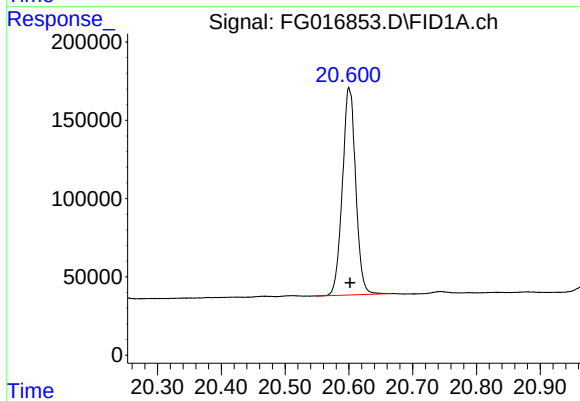
#18 n-Dotriacontane (C32)

R.T.: 19.069 min  
Delta R.T.: 0.002 min  
Response: 2504607  
Conc: 16.99 ug/ml



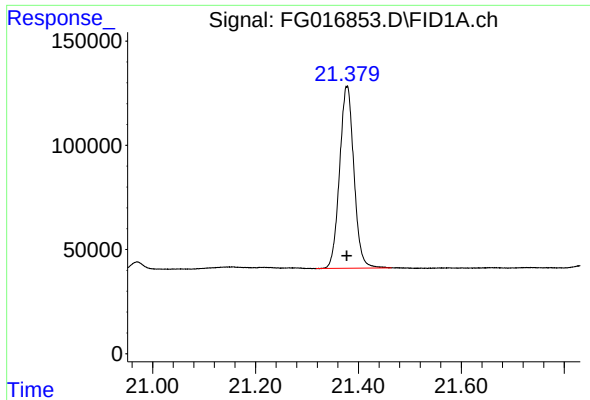
#19 n-Tetratriacontane (C34)

R.T.: 19.856 min  
Delta R.T.: 0.000 min  
Response: 2261777  
Conc: 17.55 ug/ml



#20 n-Hexatriacontane (C36)

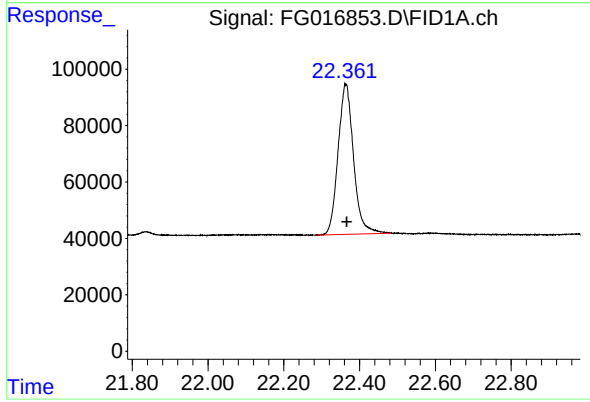
R.T.: 20.600 min  
Delta R.T.: -0.001 min  
Response: 1919405  
Conc: 18.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min  
Delta R.T.: 0.000 min  
Response: 1687771  
Conc: 19.14 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.363 min  
Delta R.T.: -0.004 min  
Response: 1511163  
Conc: 19.30 ug/ml