

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC021025AL\  
 Data File : FC068243.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 Feb 2025 10:19  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 10 23:15:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 012425.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 25 04:31:18 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)    | 11.401 | 2471024    | 15.813 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 31.63%       |
| 12) S 1-chlorooctadecane (S... | 12.842 | 1831465    | 15.925 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 31.85%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.208  | 2144745    | 15.663 ug/ml |
| 2) T n-Decane (C10)            | 4.266  | 2232281    | 16.079 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.833  | 2411896    | 16.066 ug/ml |
| 4) T n-Dodecane (C12)          | 6.274  | 2226214    | 15.936 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.885  | 2271088    | 15.812 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.063  | 2176302    | 15.946 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.658  | 2226874    | 16.027 ug/ml |
| 8) T n-Octadecane (C18)        | 11.095 | 2239582    | 16.007 ug/ml |
| 10) T n-Eicosane (C20)         | 12.401 | 2144628    | 16.028 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.012 | 2102301    | 16.007 ug/ml |
| 13) T n-Docosane (C22)         | 13.597 | 2108892    | 16.281 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.697 | 2154544    | 16.782 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.715 | 2164931    | 17.204 ug/ml |
| 16) T n-Octacosane (C28)       | 16.664 | 2353789    | 18.819 ug/ml |
| 17) T n-Tricontane (C30)       | 17.550 | 2754877    | 21.313 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.380 | 2844188    | 22.751 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.163 | 2425832    | 22.363 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.901 | 1905551    | 20.591 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.611 | 1609057    | 18.778 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.464 | 1317930    | 16.299 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

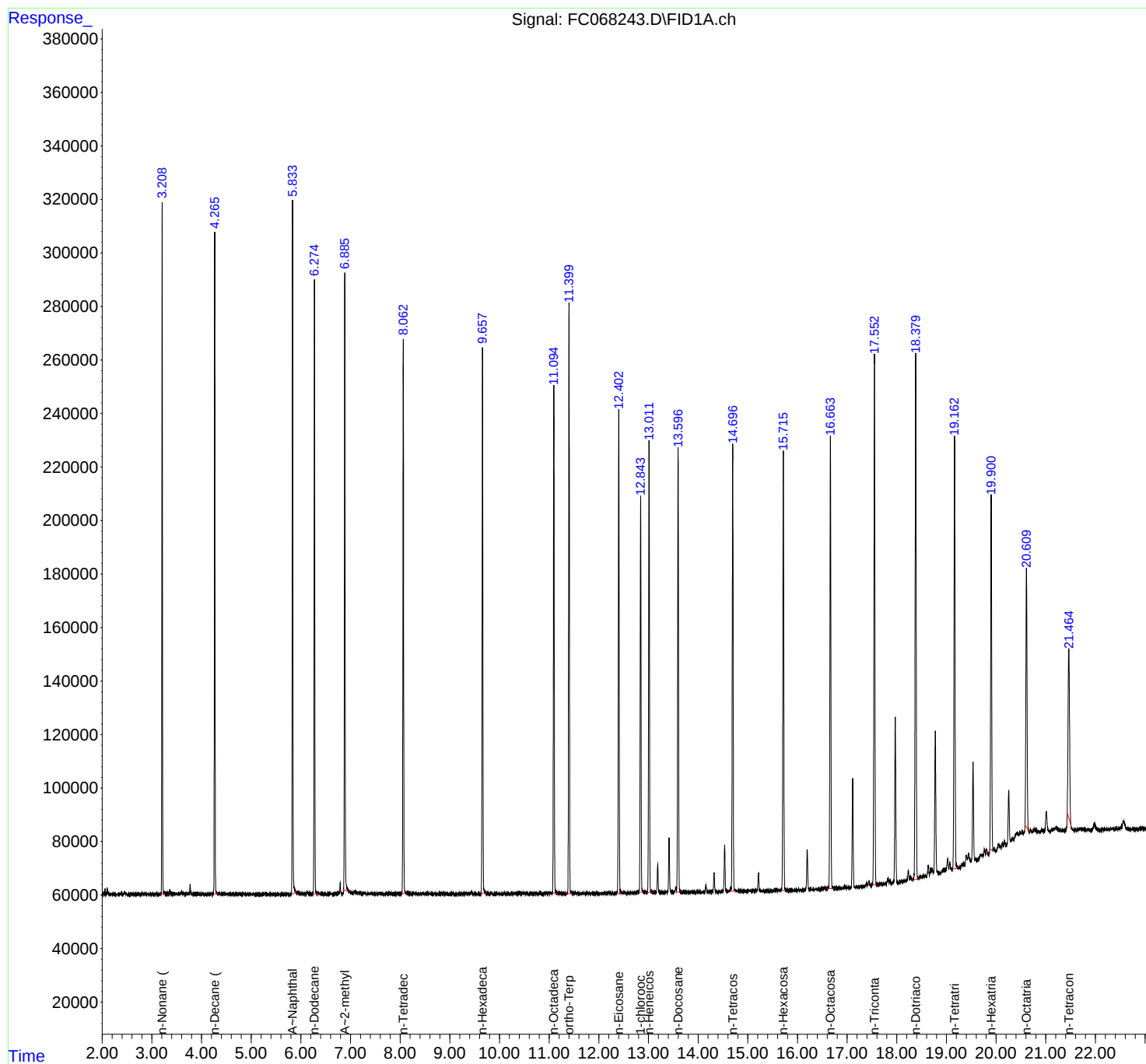
(m)=manual int.

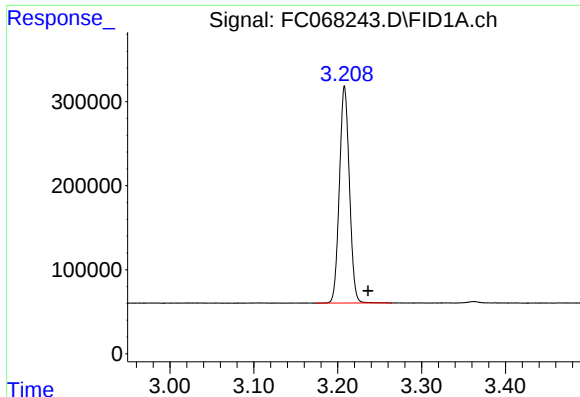
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC021025AL\  
Data File : FC068243.D  
Signal(s) : FID1A.ch  
Acq On : 10 Feb 2025 10:19  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Feb 10 23:15:00 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 012425.M  
Quant Title : GC Extractables  
QLast Update : Sat Jan 25 04:31:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

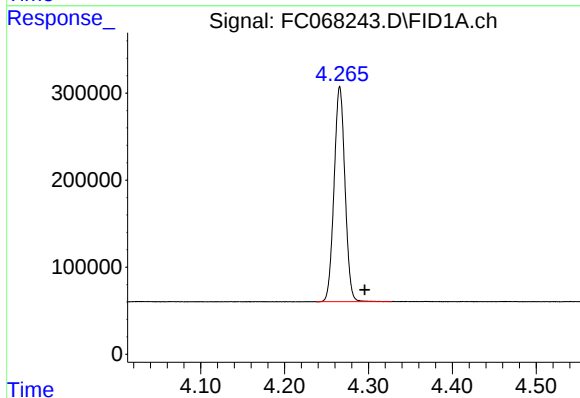




#1 n-Nonane (C9)

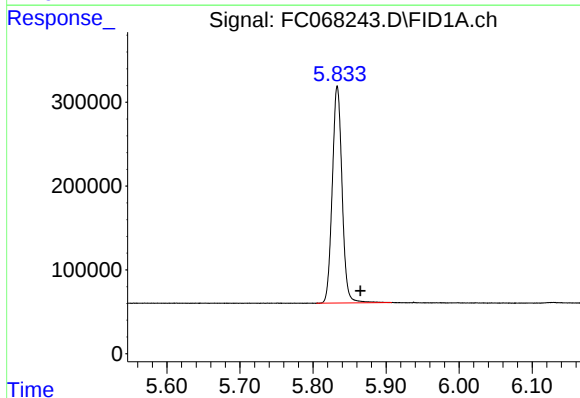
R.T.: 3.208 min  
Delta R.T.: -0.028 min  
Response: 2144745  
Conc: 15.66 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



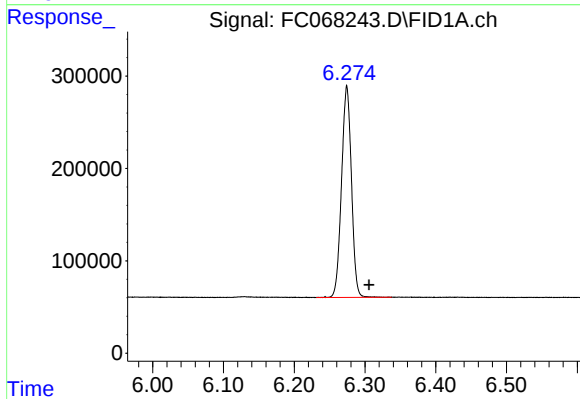
#2 n-Decane (C10)

R.T.: 4.266 min  
Delta R.T.: -0.030 min  
Response: 2232281  
Conc: 16.08 ug/ml



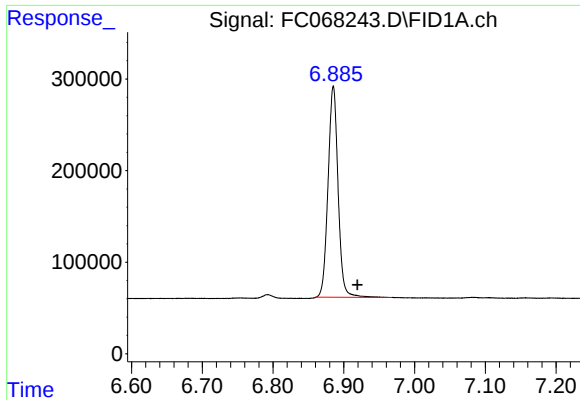
#3 A~Naphthalene (C11.7)

R.T.: 5.833 min  
Delta R.T.: -0.032 min  
Response: 2411896  
Conc: 16.07 ug/ml



#4 n-Dodecane (C12)

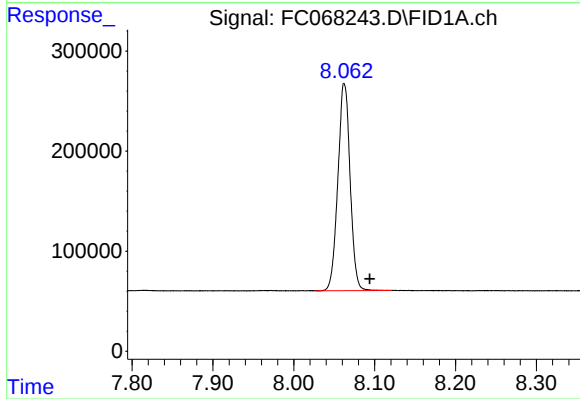
R.T.: 6.274 min  
Delta R.T.: -0.031 min  
Response: 2226214  
Conc: 15.94 ug/ml



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

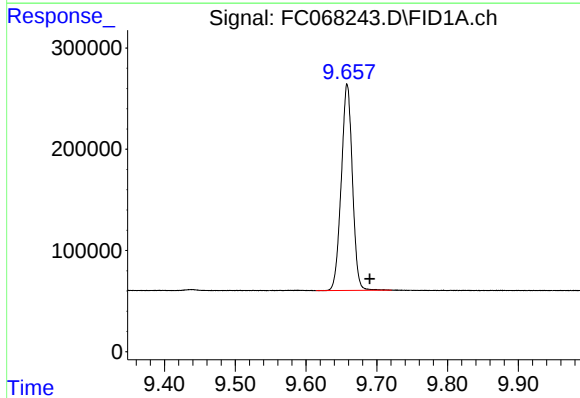
R.T.: 6.885 min  
Delta R.T.: -0.034 min  
Response: 2271088  
Conc: 15.81 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



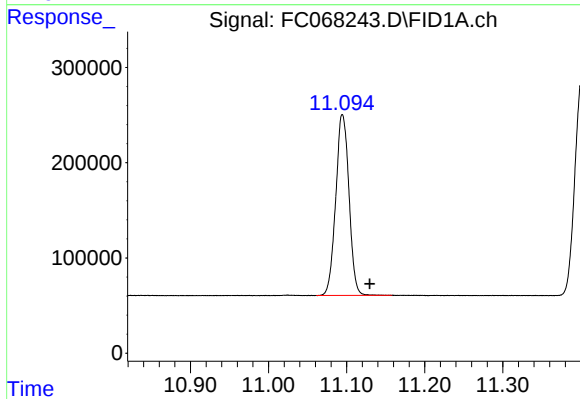
#6 n-Tetradecane (C14)

R.T.: 8.063 min  
Delta R.T.: -0.031 min  
Response: 2176302  
Conc: 15.95 ug/ml



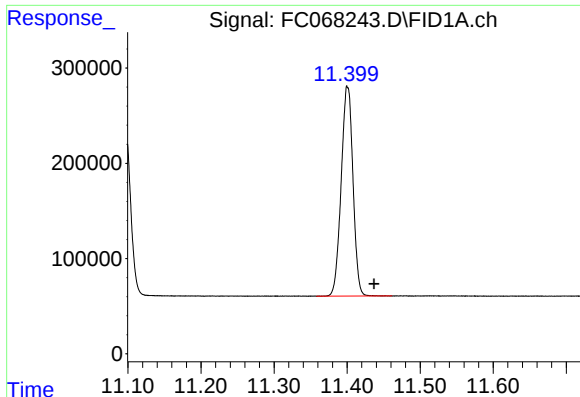
#7 n-Hexadecane (C16)

R.T.: 9.658 min  
Delta R.T.: -0.032 min  
Response: 2226874  
Conc: 16.03 ug/ml



#8 n-Octadecane (C18)

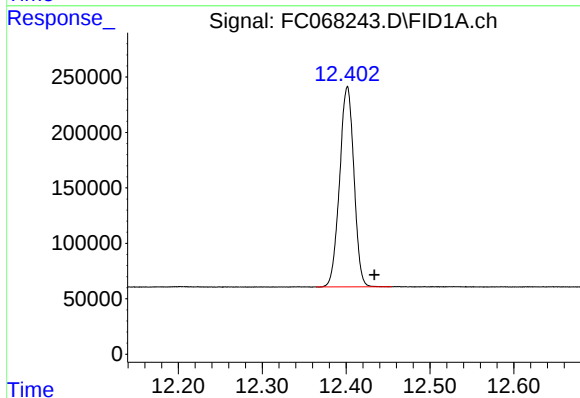
R.T.: 11.095 min  
Delta R.T.: -0.035 min  
Response: 2239582  
Conc: 16.01 ug/ml



#9 ortho-Terphenyl (SURR)

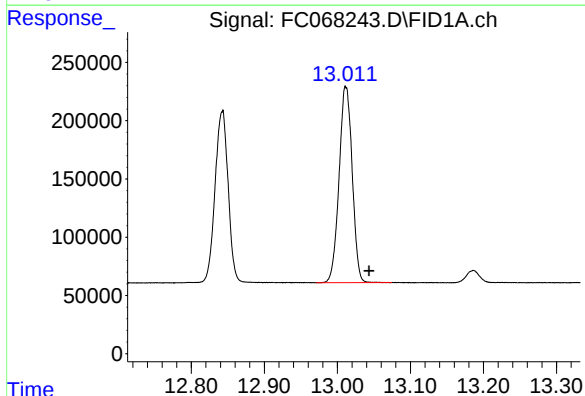
R.T.: 11.401 min  
Delta R.T.: -0.036 min  
Response: 2471024  
Conc: 15.81 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



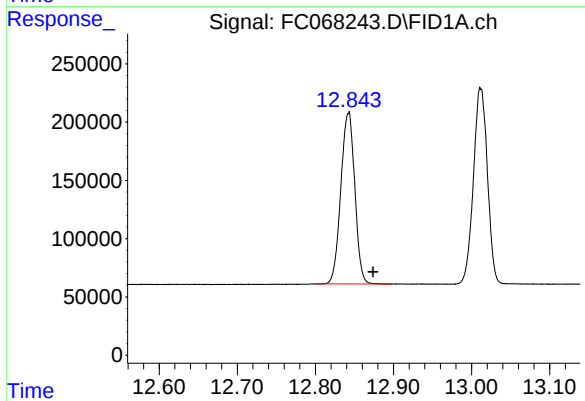
#10 n-Eicosane (C20)

R.T.: 12.401 min  
Delta R.T.: -0.032 min  
Response: 2144628  
Conc: 16.03 ug/ml



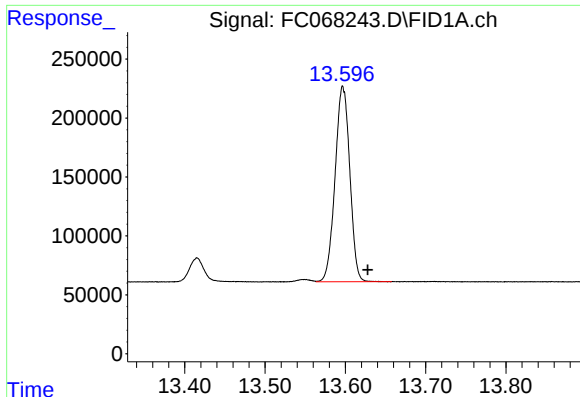
#11 n-Heneicosane (C21)

R.T.: 13.012 min  
Delta R.T.: -0.032 min  
Response: 2102301  
Conc: 16.01 ug/ml



#12 1-chlorooctadecane (SURR)

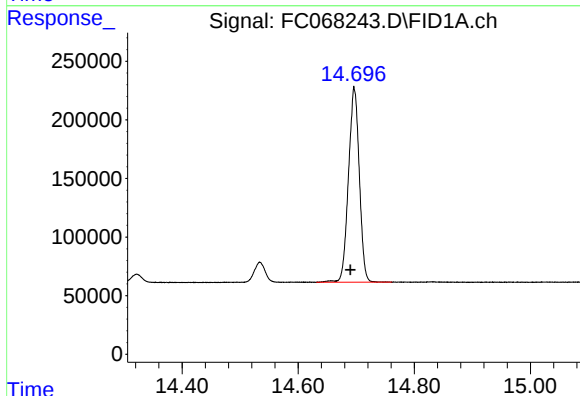
R.T.: 12.842 min  
Delta R.T.: -0.032 min  
Response: 1831465  
Conc: 15.93 ug/ml



#13 n-Docosane (C22)

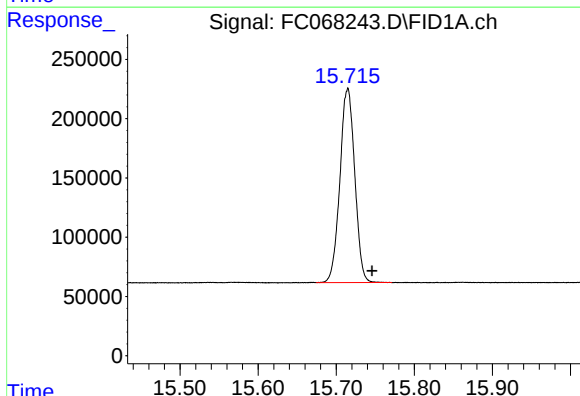
R.T.: 13.597 min  
Delta R.T.: -0.031 min  
Response: 2108892  
Conc: 16.28 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



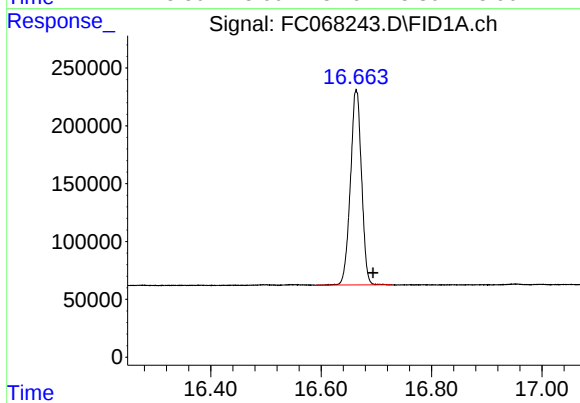
#14 n-Tetracosane (C24)

R.T.: 14.697 min  
Delta R.T.: 0.007 min  
Response: 2154544  
Conc: 16.78 ug/ml



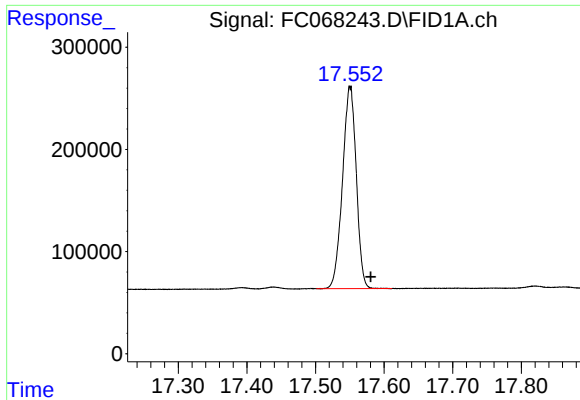
#15 n-Hexacosane (C26)

R.T.: 15.715 min  
Delta R.T.: -0.031 min  
Response: 2164931  
Conc: 17.20 ug/ml



#16 n-Octacosane (C28)

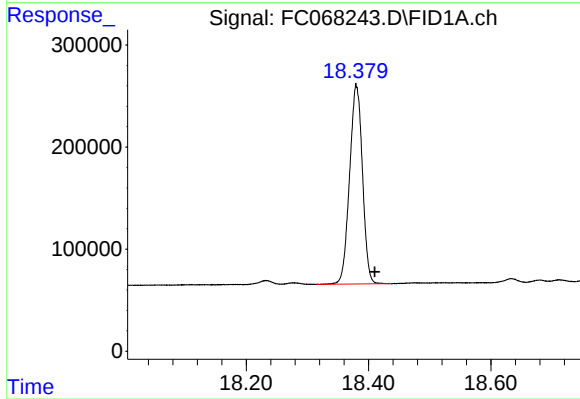
R.T.: 16.664 min  
Delta R.T.: -0.030 min  
Response: 2353789  
Conc: 18.82 ug/ml



#17 n-Tricontane (C30)

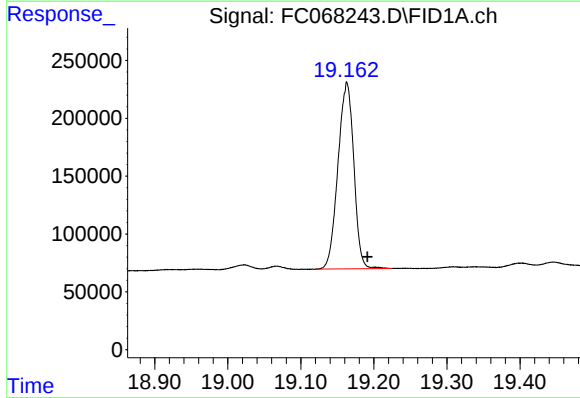
R.T.: 17.550 min  
Delta R.T.: -0.030 min  
Response: 2754877  
Conc: 21.31 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



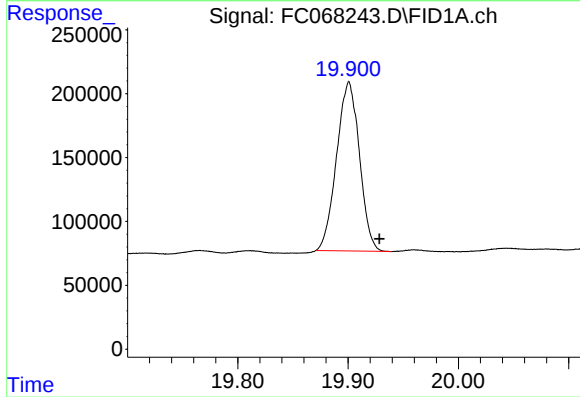
#18 n-Dotriacontane (C32)

R.T.: 18.380 min  
Delta R.T.: -0.030 min  
Response: 2844188  
Conc: 22.75 ug/ml



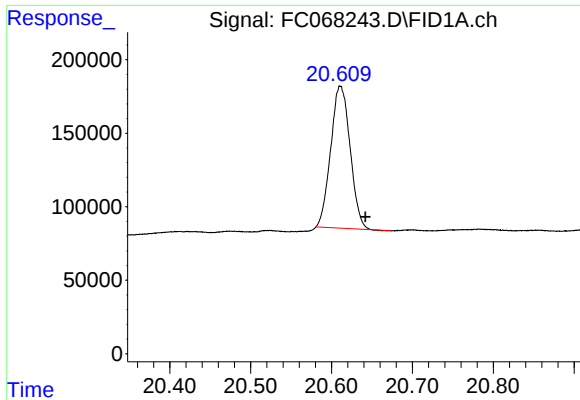
#19 n-Tetratriacontane (C34)

R.T.: 19.163 min  
Delta R.T.: -0.028 min  
Response: 2425832  
Conc: 22.36 ug/ml



#20 n-Hexatriacontane (C36)

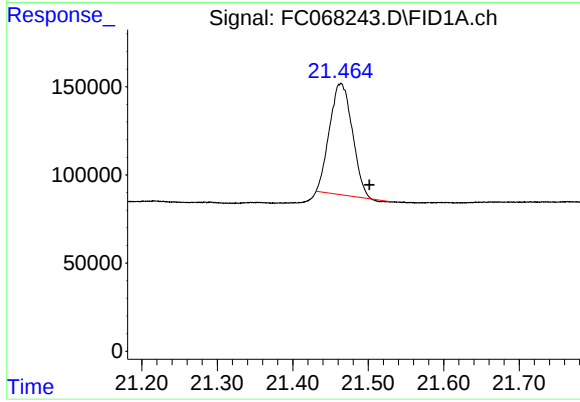
R.T.: 19.901 min  
Delta R.T.: -0.028 min  
Response: 1905551  
Conc: 20.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.611 min  
Delta R.T.: -0.031 min  
Response: 1609057  
Conc: 18.78 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.464 min  
Delta R.T.: -0.038 min  
Response: 1317930  
Conc: 16.30 ug/ml