

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG041825AL\  
 Data File : FG015701.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Apr 2025 10:54  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Apr 19 01:53:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 17 12:40:13 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)    | 11.901 | 2930152    | 20.212 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.42%       |
| 12) S 1-chlorooctadecane (S... | 13.346 | 2155587    | 20.384 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.77%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.248  | 2249755    | 20.132 ug/ml |
| 2) T n-Decane (C10)            | 4.507  | 2265090    | 20.200 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.220  | 2392303    | 20.620 ug/ml |
| 4) T n-Dodecane (C12)          | 6.688  | 2312065    | 20.222 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.322  | 2338301    | 21.004 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.524  | 2309743    | 20.269 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.137 | 2367012    | 20.243 ug/ml |
| 8) T n-Octadecane (C18)        | 11.585 | 2420602    | 20.236 ug/ml |
| 10) T n-Eicosane (C20)         | 12.899 | 2416048    | 20.304 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.512 | 2396247    | 20.259 ug/ml |
| 13) T n-Docosane (C22)         | 14.100 | 2398866    | 20.571 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.208 | 2415839    | 20.962 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.231 | 2350627    | 21.049 ug/ml |
| 16) T n-Octacosane (C28)       | 17.183 | 2313335    | 21.256 ug/ml |
| 17) T n-Tricontane (C30)       | 18.073 | 2309144    | 21.200 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.908 | 2274995    | 21.146 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.692 | 2104745    | 20.657 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.432 | 1993376    | 20.378 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.173 | 1791958    | 19.632 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.095 | 1575921    | 18.660 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

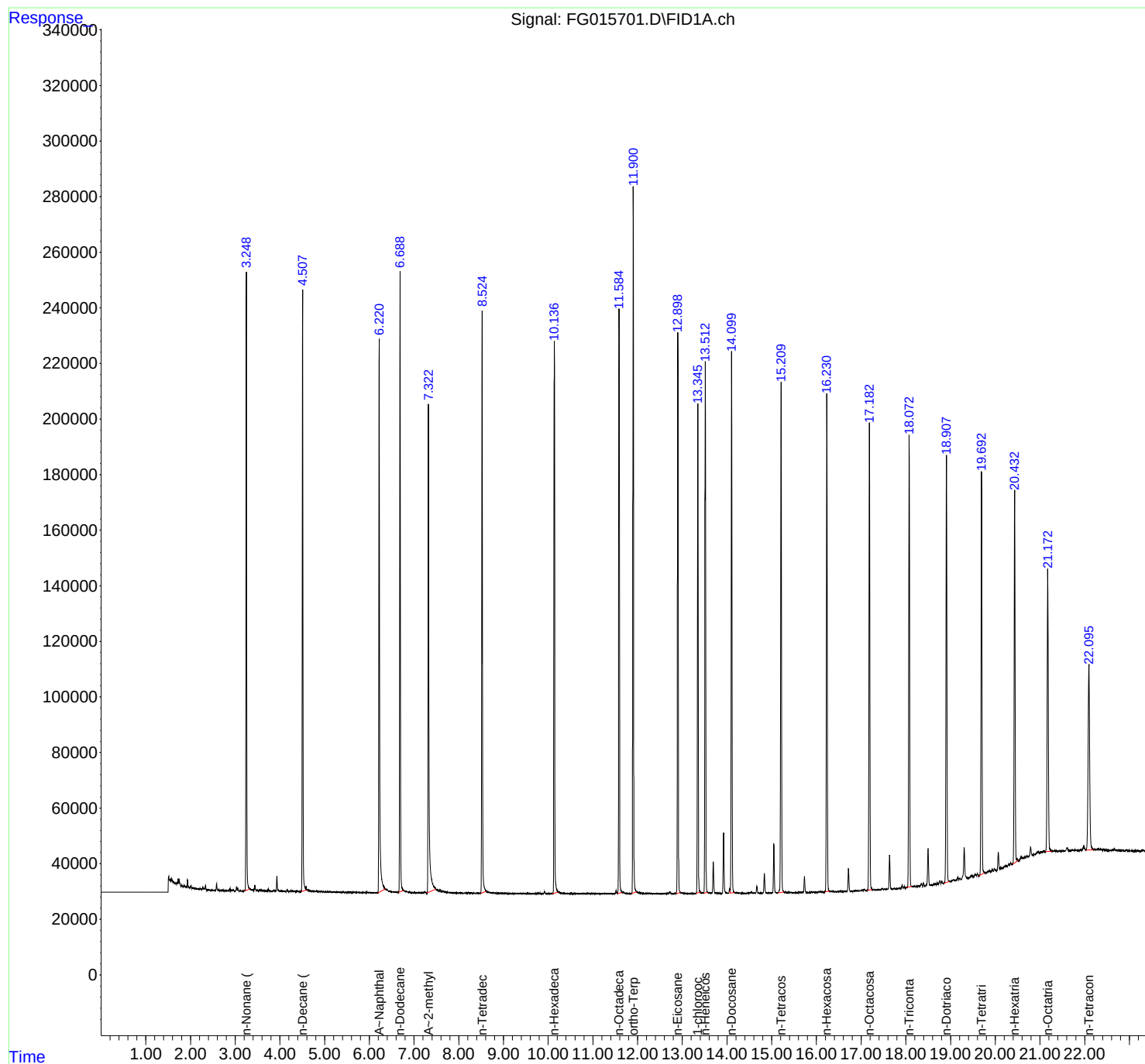
(m)=manual int.

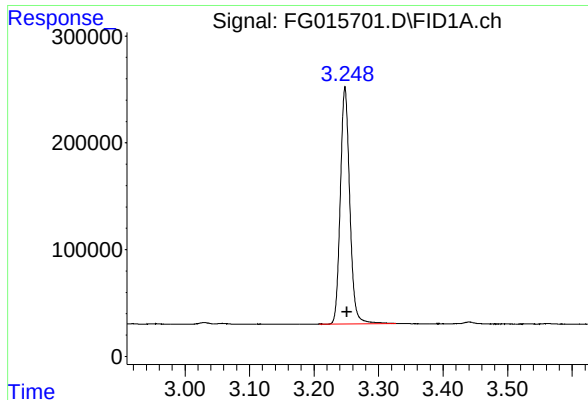
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG041825AL\  
Data File : FG015701.D  
Signal(s) : FID1A.ch  
Acq On : 18 Apr 2025 10:54  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
FID\_G  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Apr 19 01:53:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 041725.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 17 12:40:13 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

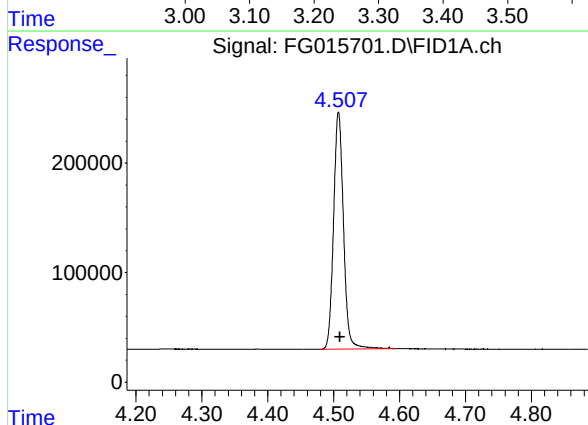




#1 n-Nonane (C9)

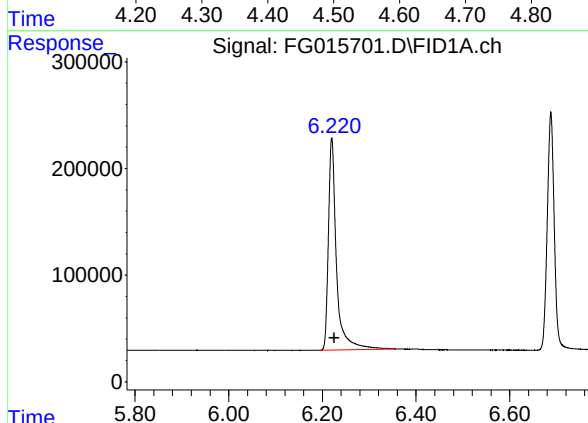
R.T.: 3.248 min  
Delta R.T.: -0.003 min  
Response: 2249755  
Conc: 20.13 ug/ml

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



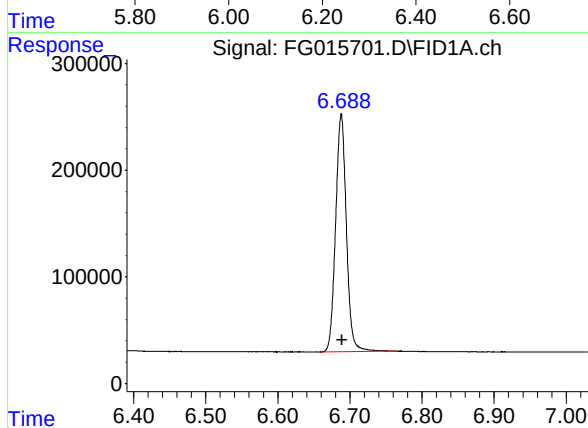
#2 n-Decane (C10)

R.T.: 4.507 min  
Delta R.T.: -0.002 min  
Response: 2265090  
Conc: 20.20 ug/ml



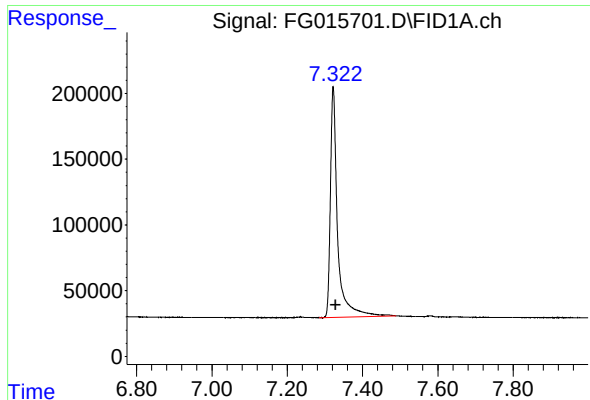
#3 A~Naphthalene (C11.7)

R.T.: 6.220 min  
Delta R.T.: -0.005 min  
Response: 2392303  
Conc: 20.62 ug/ml



#4 n-Dodecane (C12)

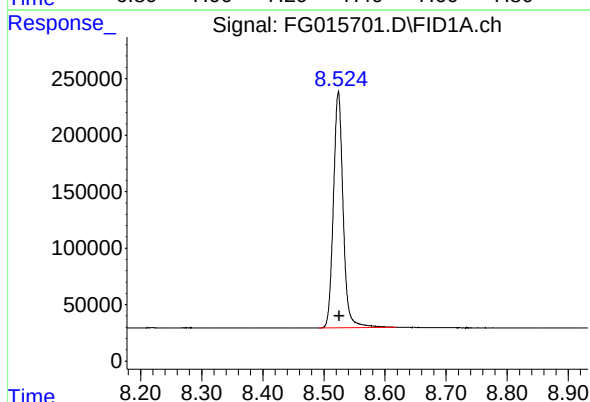
R.T.: 6.688 min  
Delta R.T.: -0.001 min  
Response: 2312065  
Conc: 20.22 ug/ml



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

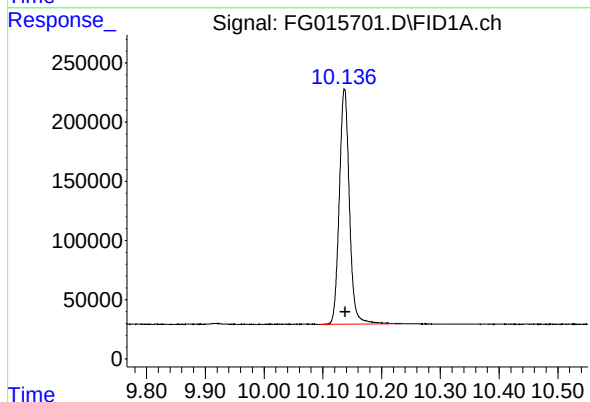
R.T.: 7.322 min  
Delta R.T.: -0.006 min  
Response: 2338301  
Conc: 21.00 ug/ml

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



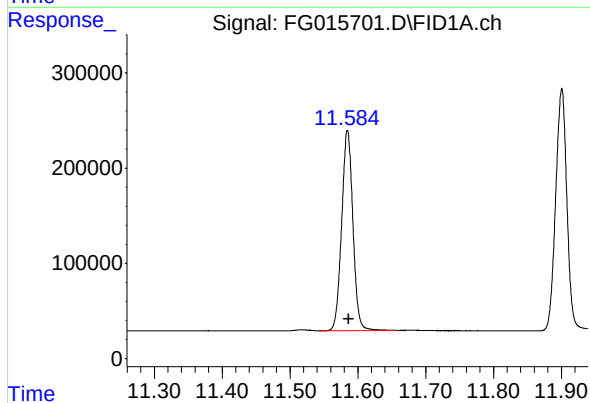
#6 n-Tetradecane (C14)

R.T.: 8.524 min  
Delta R.T.: -0.001 min  
Response: 2309743  
Conc: 20.27 ug/ml



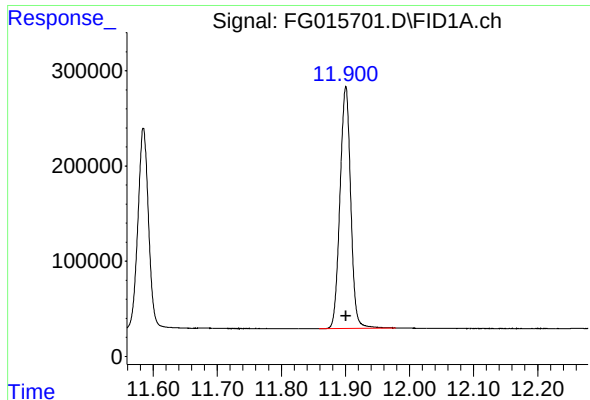
#7 n-Hexadecane (C16)

R.T.: 10.137 min  
Delta R.T.: -0.002 min  
Response: 2367012  
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

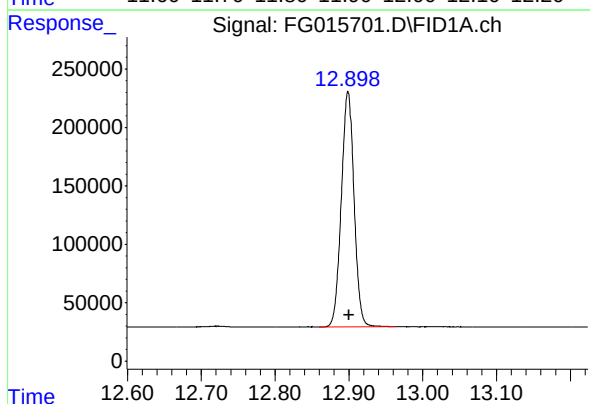
R.T.: 11.585 min  
Delta R.T.: -0.001 min  
Response: 2420602  
Conc: 20.24 ug/ml



#9 ortho-Terphenyl (SURR)

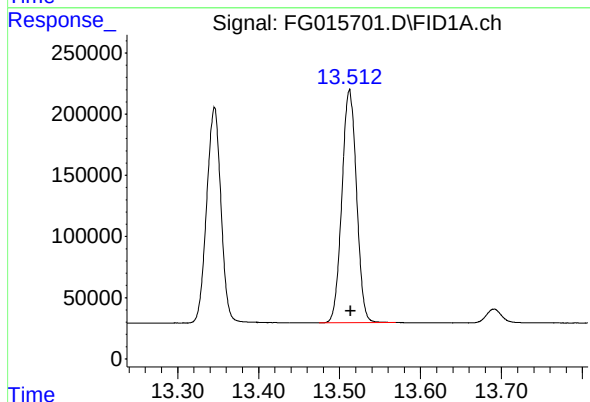
R.T.: 11.901 min  
Delta R.T.: 0.000 min  
Response: 2930152  
Conc: 20.21 ug/ml

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



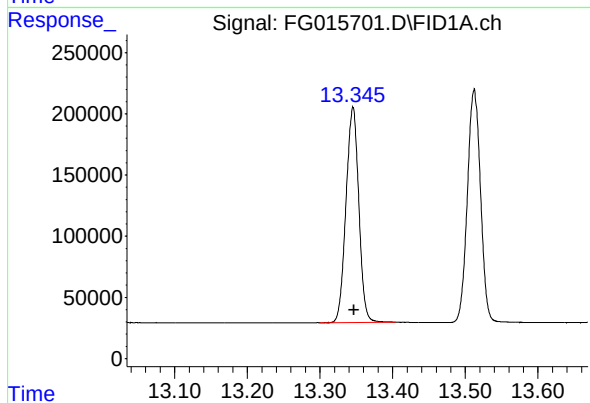
#10 n-Eicosane (C20)

R.T.: 12.899 min  
Delta R.T.: 0.000 min  
Response: 2416048  
Conc: 20.30 ug/ml



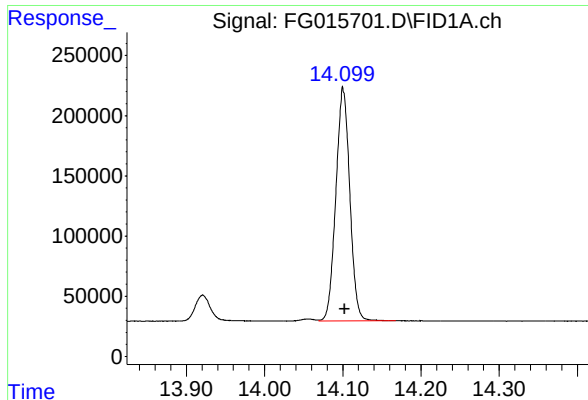
#11 n-Heneicosane (C21)

R.T.: 13.512 min  
Delta R.T.: -0.001 min  
Response: 2396247  
Conc: 20.26 ug/ml



#12 1-chlorooctadecane (SURR)

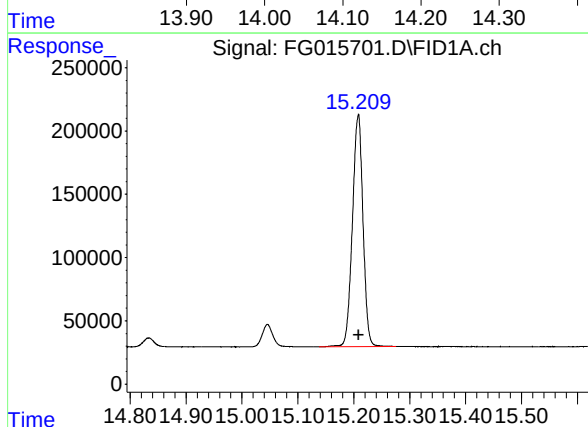
R.T.: 13.346 min  
Delta R.T.: -0.001 min  
Response: 2155587  
Conc: 20.38 ug/ml



#13 n-Docosane (C22)

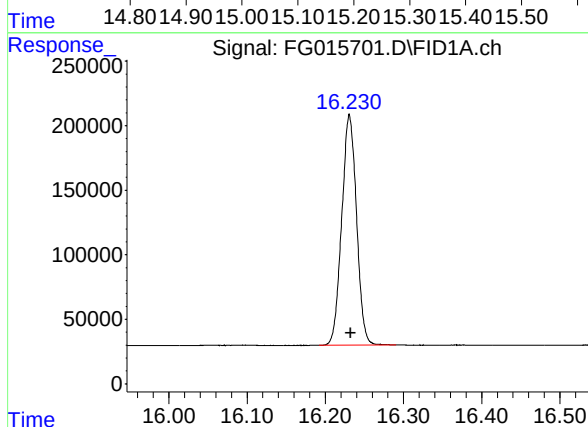
R.T.: 14.100 min  
Delta R.T.: -0.002 min  
Response: 2398866  
Conc: 20.57 ug/ml

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



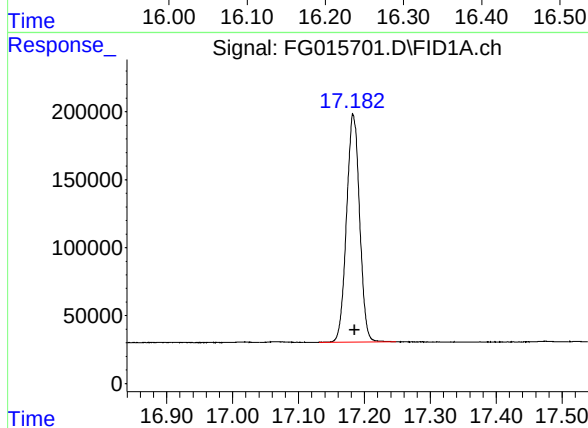
#14 n-Tetracosane (C24)

R.T.: 15.208 min  
Delta R.T.: 0.000 min  
Response: 2415839  
Conc: 20.96 ug/ml



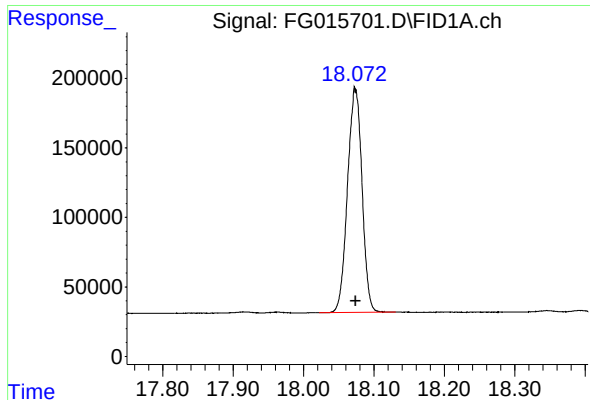
#15 n-Hexacosane (C26)

R.T.: 16.231 min  
Delta R.T.: -0.002 min  
Response: 2350627  
Conc: 21.05 ug/ml



#16 n-Octacosane (C28)

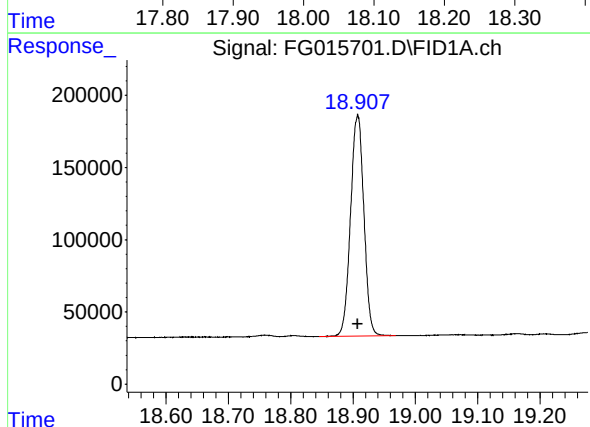
R.T.: 17.183 min  
Delta R.T.: -0.002 min  
Response: 2313335  
Conc: 21.26 ug/ml



#17 n-Tricontane (C30)

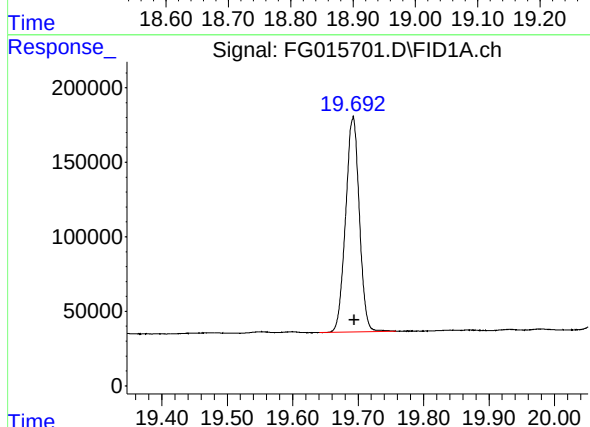
R.T.: 18.073 min  
Delta R.T.: 0.000 min  
Response: 2309144  
Conc: 21.20 ug/ml

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



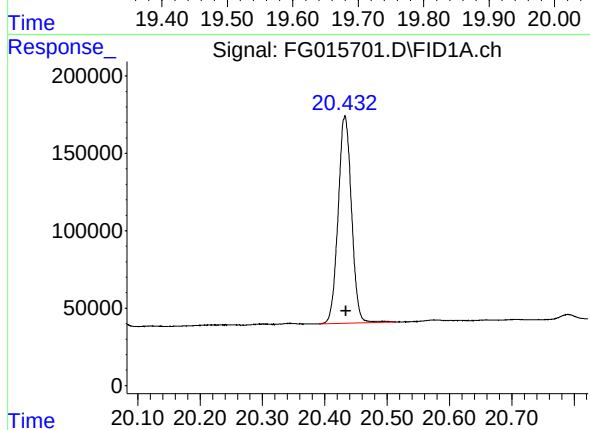
#18 n-Dotriacontane (C32)

R.T.: 18.908 min  
Delta R.T.: 0.000 min  
Response: 2274995  
Conc: 21.15 ug/ml



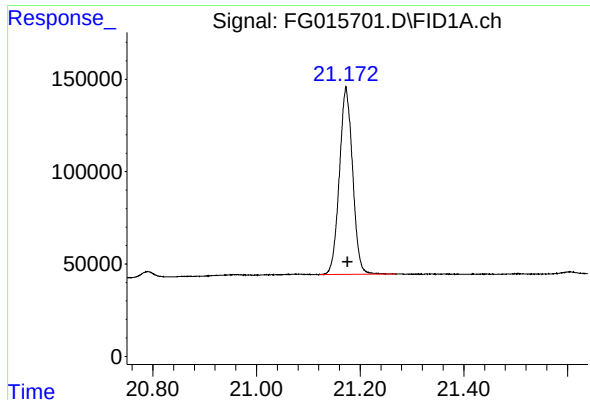
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min  
Delta R.T.: -0.002 min  
Response: 2104745  
Conc: 20.66 ug/ml



#20 n-Hexatriacontane (C36)

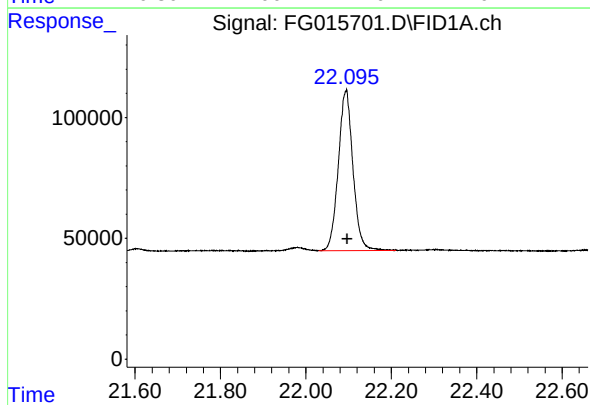
R.T.: 20.432 min  
Delta R.T.: -0.002 min  
Response: 1993376  
Conc: 20.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min  
Delta R.T.: -0.003 min  
Response: 1791958  
Conc: 19.63 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.095 min  
Delta R.T.: -0.002 min  
Response: 1575921  
Conc: 18.66 ug/ml