

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG041825AL\  
 Data File : FG015717.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Apr 2025 21:58  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Apr 19 01:59:14 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)    | 11.902 | 3004673    | 20.726 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.45%       |
| 12) S 1-chlorooctadecane (S... | 13.346 | 2281143    | 21.571 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.14%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.246  | 2220008    | 19.866 ug/ml |
| 2) T n-Decane (C10)            | 4.507  | 2245876    | 20.028 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.221  | 2380527    | 20.518 ug/ml |
| 4) T n-Dodecane (C12)          | 6.688  | 2307503    | 20.182 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.323  | 2351449    | 21.122 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.524  | 2309611    | 20.268 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.138 | 2384471    | 20.392 ug/ml |
| 8) T n-Octadecane (C18)        | 11.587 | 2450522    | 20.486 ug/ml |
| 10) T n-Eicosane (C20)         | 12.901 | 2460294    | 20.675 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.515 | 2453901    | 20.746 ug/ml |
| 13) T n-Docosane (C22)         | 14.102 | 2437290    | 20.900 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.209 | 2426358    | 21.053 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.232 | 2375389    | 21.271 ug/ml |
| 16) T n-Octacosane (C28)       | 17.186 | 2331566    | 21.424 ug/ml |
| 17) T n-Tricontane (C30)       | 18.076 | 2365030    | 21.713 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.909 | 2349880    | 21.842 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.695 | 2218419    | 21.772 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.437 | 2156923    | 22.050 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.179 | 2107061    | 23.084 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.099 | 2064868    | 24.450 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

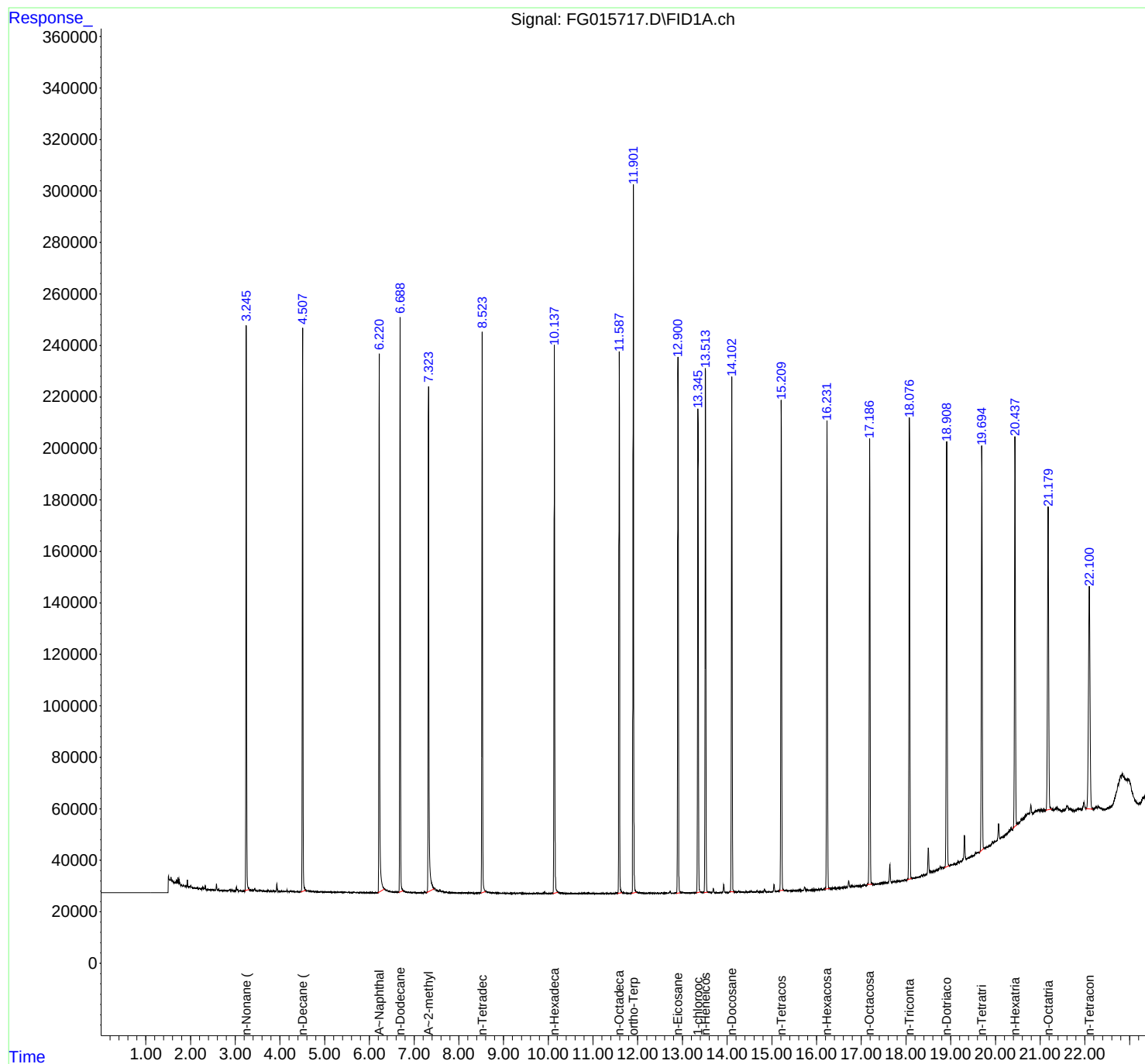
(m)=manual int.

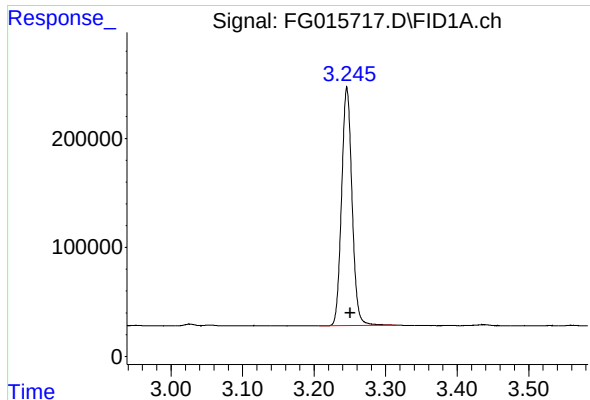
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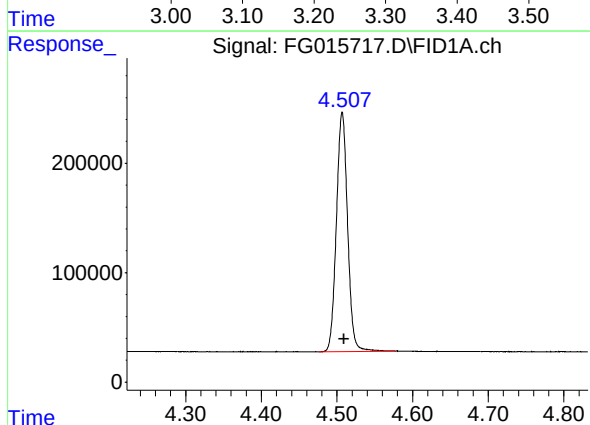




#1 n-Nonane (C9)

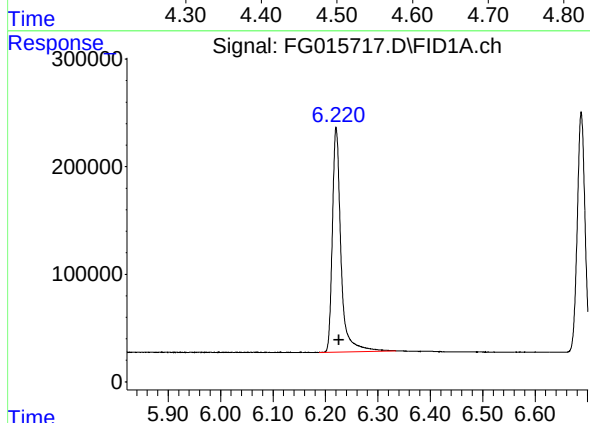
R.T.: 3.246 min  
Delta R.T.: -0.005 min  
Response: 2220008  
Conc: 19.87 ug/ml

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



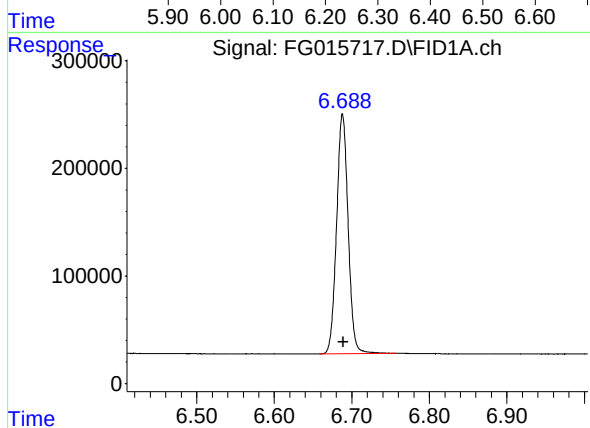
#2 n-Decane (C10)

R.T.: 4.507 min  
Delta R.T.: -0.003 min  
Response: 2245876  
Conc: 20.03 ug/ml



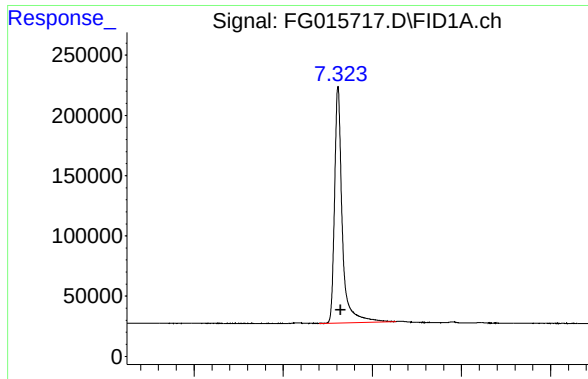
#3 n-Undecane (C11)

R.T.: 6.221 min  
Delta R.T.: -0.005 min  
Response: 2380527  
Conc: 20.52 ug/ml



#4 n-Dodecane (C12)

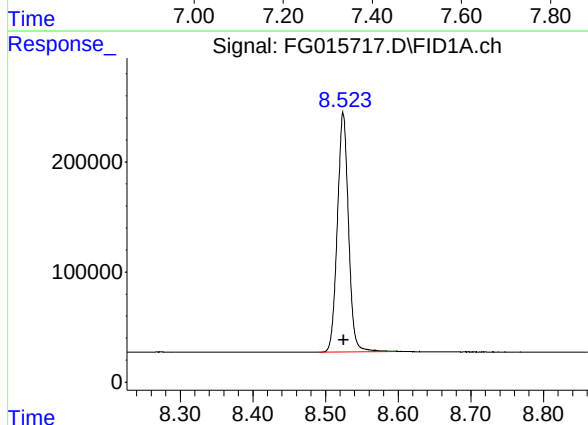
R.T.: 6.688 min  
Delta R.T.: -0.001 min  
Response: 2307503  
Conc: 20.18 ug/ml



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

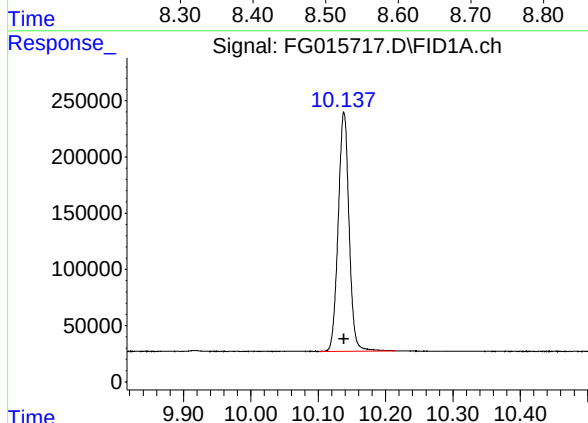
R.T.: 7.323 min  
Delta R.T.: -0.006 min  
Response: 2351449  
Conc: 21.12 ug/ml

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



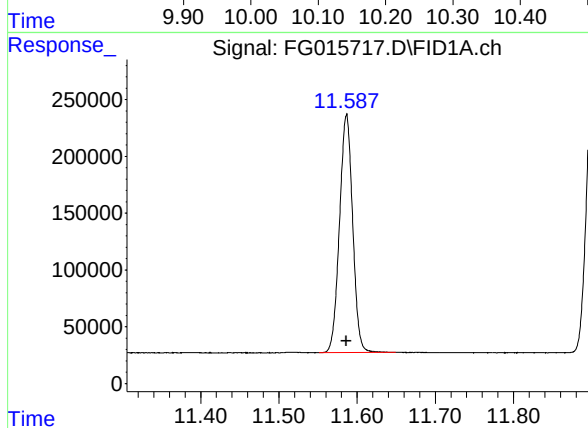
#6 n-Tetradecane (C14)

R.T.: 8.524 min  
Delta R.T.: 0.000 min  
Response: 2309611  
Conc: 20.27 ug/ml



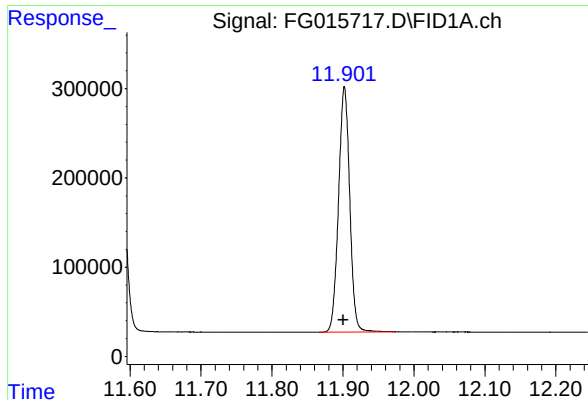
#7 n-Hexadecane (C16)

R.T.: 10.138 min  
Delta R.T.: 0.000 min  
Response: 2384471  
Conc: 20.39 ug/ml



#8 n-Octadecane (C18)

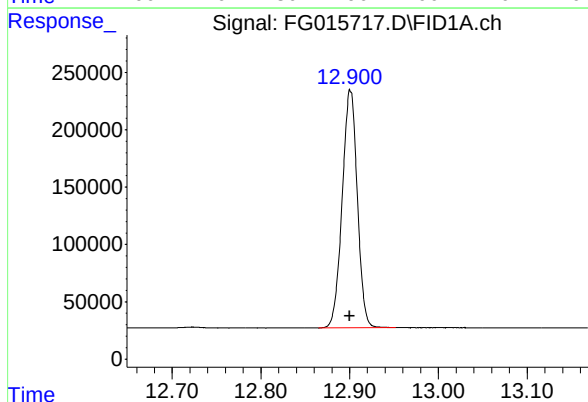
R.T.: 11.587 min  
Delta R.T.: 0.000 min  
Response: 2450522  
Conc: 20.49 ug/ml



#9 ortho-Terphenyl (SURR)

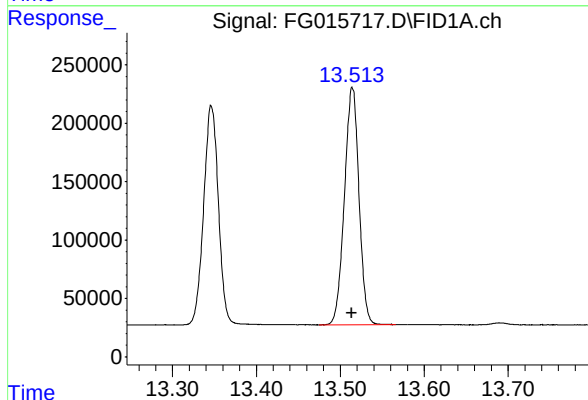
R.T.: 11.902 min  
Delta R.T.: 0.001 min  
Response: 3004673  
Conc: 20.73 ug/ml

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



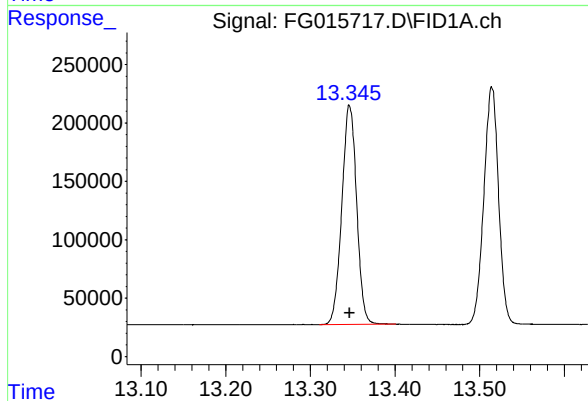
#10 n-Eicosane (C20)

R.T.: 12.901 min  
Delta R.T.: 0.001 min  
Response: 2460294  
Conc: 20.68 ug/ml



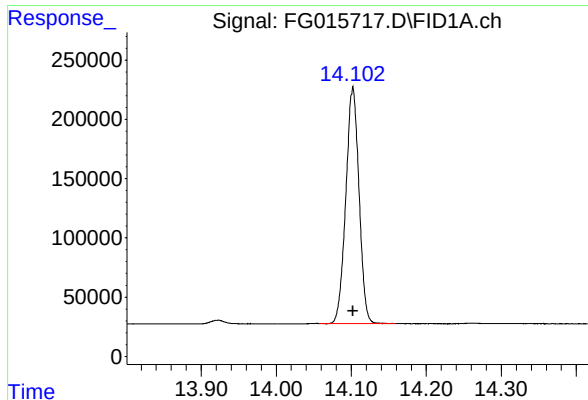
#11 n-Heneicosane (C21)

R.T.: 13.515 min  
Delta R.T.: 0.000 min  
Response: 2453901  
Conc: 20.75 ug/ml



#12 1-chlorooctadecane (SURR)

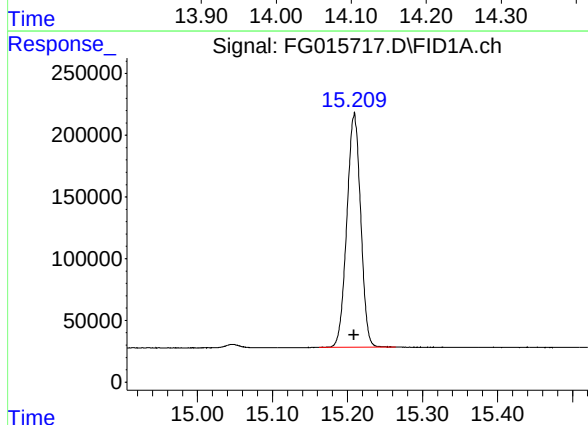
R.T.: 13.346 min  
Delta R.T.: 0.000 min  
Response: 2281143  
Conc: 21.57 ug/ml



#13 n-Docosane (C22)

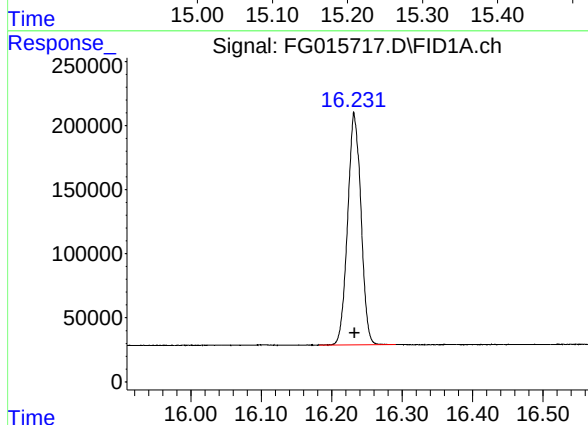
R.T.: 14.102 min  
Delta R.T.: 0.000 min  
Response: 2437290  
Conc: 20.90 ug/ml

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



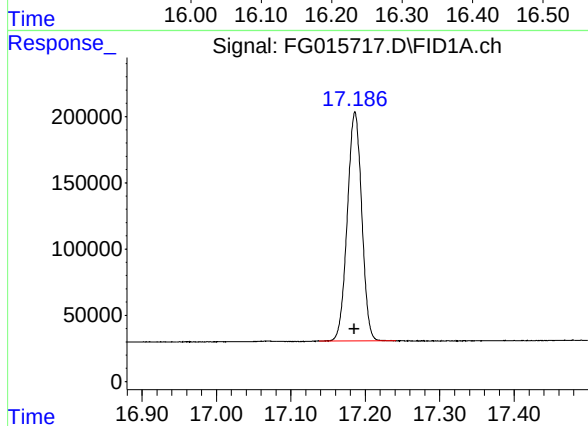
#14 n-Tetracosane (C24)

R.T.: 15.209 min  
Delta R.T.: 0.000 min  
Response: 2426358  
Conc: 21.05 ug/ml



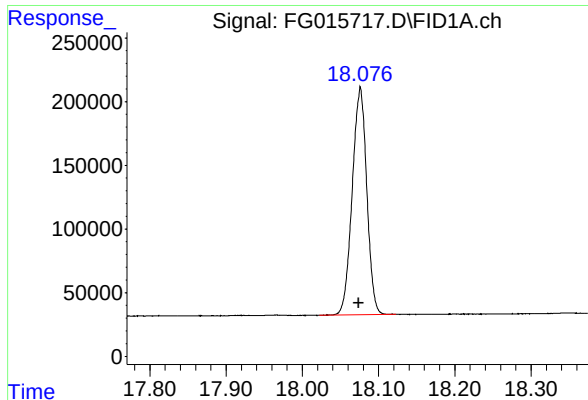
#15 n-Hexacosane (C26)

R.T.: 16.232 min  
Delta R.T.: 0.000 min  
Response: 2375389  
Conc: 21.27 ug/ml



#16 n-Octacosane (C28)

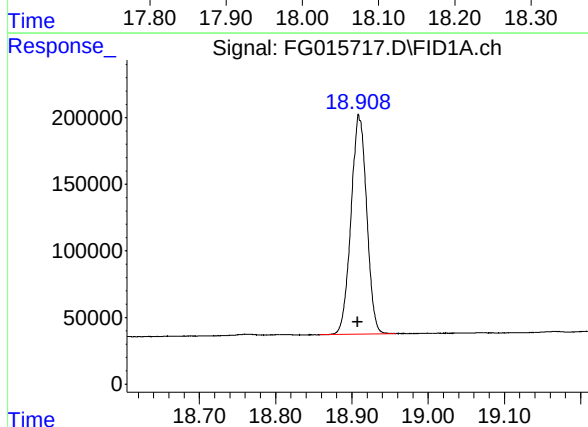
R.T.: 17.186 min  
Delta R.T.: 0.000 min  
Response: 2331566  
Conc: 21.42 ug/ml



#17 n-Tricontane (C30)

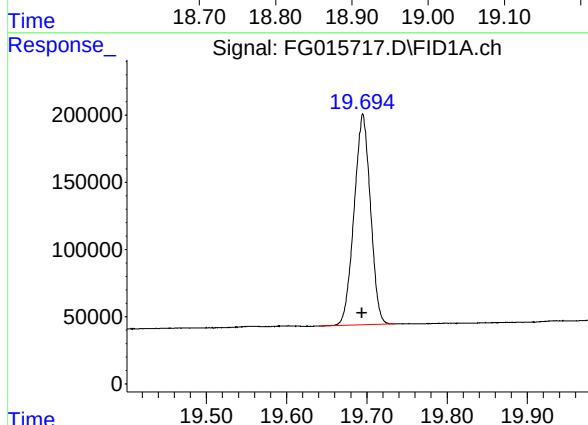
R.T.: 18.076 min  
Delta R.T.: 0.002 min  
Response: 2365030  
Conc: 21.71 ug/ml

Instrument :  
FID\_G  
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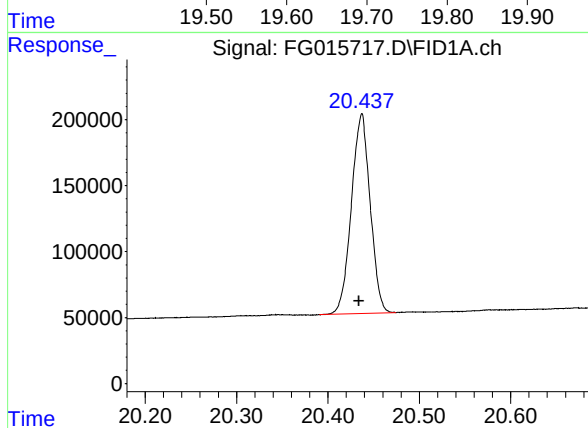
#18 n-Dotriacontane (C32)

R.T.: 18.909 min  
Delta R.T.: 0.001 min  
Response: 2349880  
Conc: 21.84 ug/ml



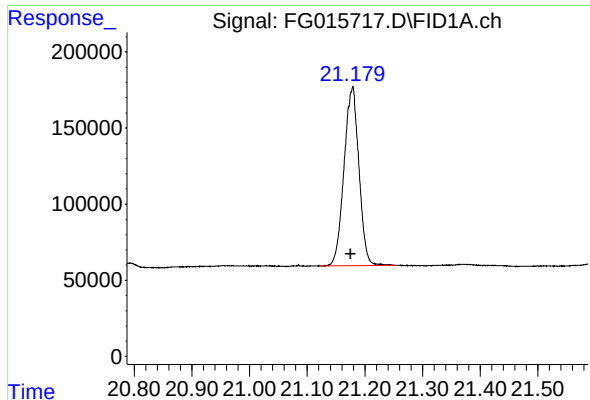
#19 n-Tetatriacontane (C34)

R.T.: 19.695 min  
Delta R.T.: 0.001 min  
Response: 2218419  
Conc: 21.77 ug/ml



#20 n-Hexatriacontane (C36)

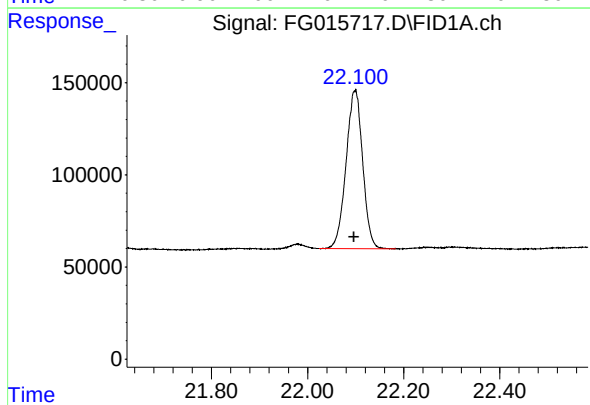
R.T.: 20.437 min  
Delta R.T.: 0.003 min  
Response: 2156923  
Conc: 22.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min  
Delta R.T.: 0.003 min  
Response: 2107061  
Conc: 23.08 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.099 min  
Delta R.T.: 0.003 min  
Response: 2064868  
Conc: 24.45 ug/ml