

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015808.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 10:30
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 12 11:43:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 11:41:19 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)	11.908	14285857	96.452 ug/ml
Spiked Amount 50.000		Recovery =	192.90%
12) S 1-chlorooctadecane (S...	13.349	10985534	96.021 ug/ml
Spiked Amount 50.000		Recovery =	192.04%
Target Compounds			
1) T n-Nonane (C9)	3.248	10920112	97.134 ug/ml
2) T n-Decane (C10)	4.507	11082680	97.449 ug/ml
3) T A~Naphthalene (C11.7)	6.219	12073119	99.339 ug/ml
4) T n-Dodecane (C12)	6.687	11293150	97.399 ug/ml
5) T A~2-methylnaphthalene...	7.323	12080339	100.009 ug/ml
6) T n-Tetradecane (C14)	8.524	11313251	97.569 ug/ml
7) T n-Hexadecane (C16)	10.139	11551869	97.059 ug/ml
8) T n-Octadecane (C18)	11.589	11693673	96.386 ug/ml
10) T n-Eicosane (C20)	12.902	11615349	95.823 ug/ml
11) T n-Heneicosane (C21)	13.517	11560167	95.661 ug/ml
13) T n-Docosane (C22)	14.105	11485556	95.644 ug/ml
14) T n-Tetracosane (C24)	15.213	11362245	95.418 ug/ml
15) T n-Hexacosane (C26)	16.238	11159200	95.187 ug/ml
16) T n-Octacosane (C28)	17.190	10885338	94.912 ug/ml
17) T n-Tricontane (C30)	18.080	10827008	94.534 ug/ml
18) T n-Dotriacontane (C32)	18.914	10646758	94.242 ug/ml
19) T n-Tetratriacontane (C34)	19.700	10180353	94.394 ug/ml
20) T n-Hexatriacontane (C36)	20.440	10006499	94.875 ug/ml
21) T n-Octatriacontane (C38)	21.181	9515311	95.091 ug/ml
22) T n-Tetracontane (C40)	22.105	9334811	96.228 ug/ml

(f)=RT Delta > 1/2 Window

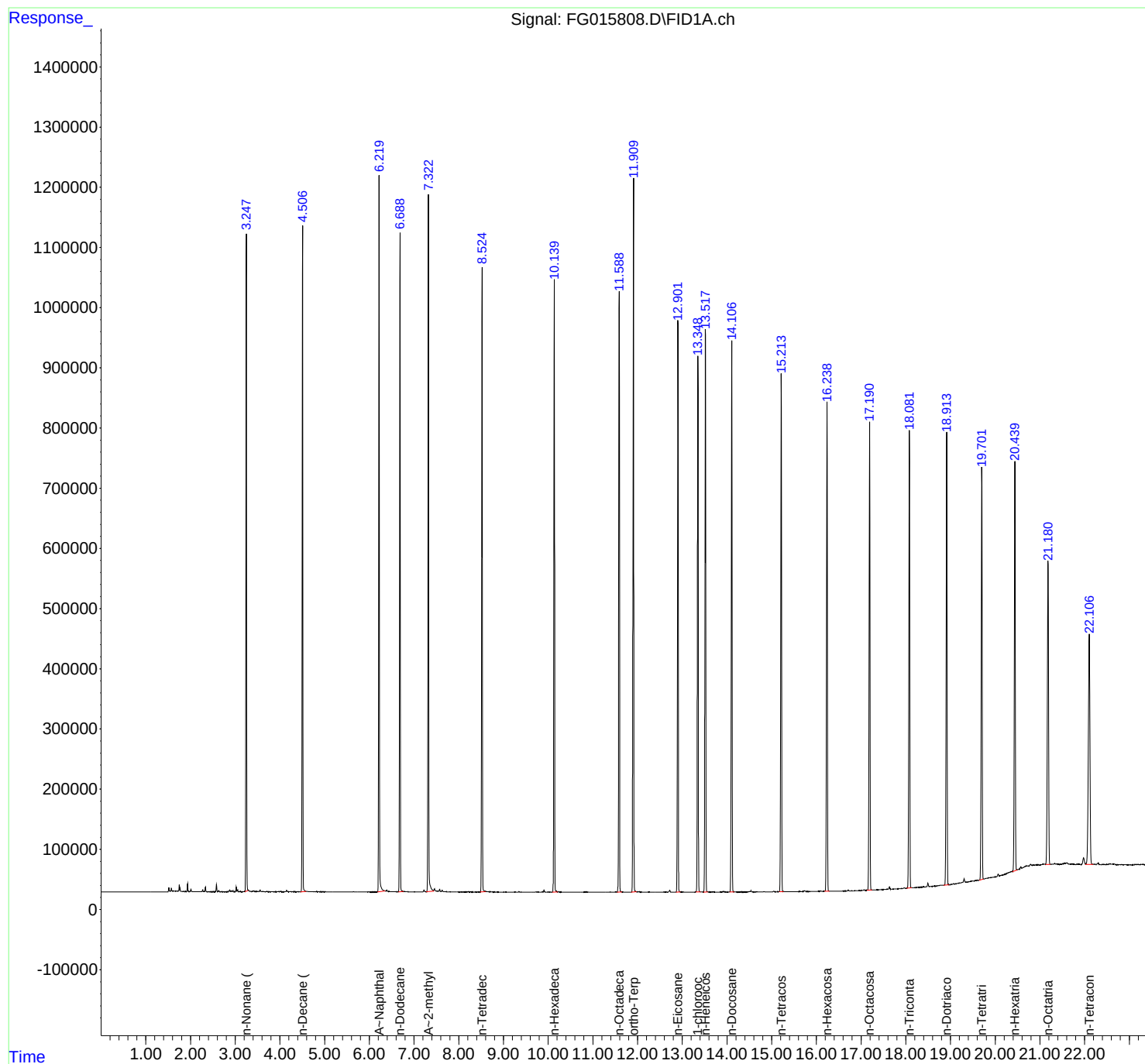
(m)=manual int.

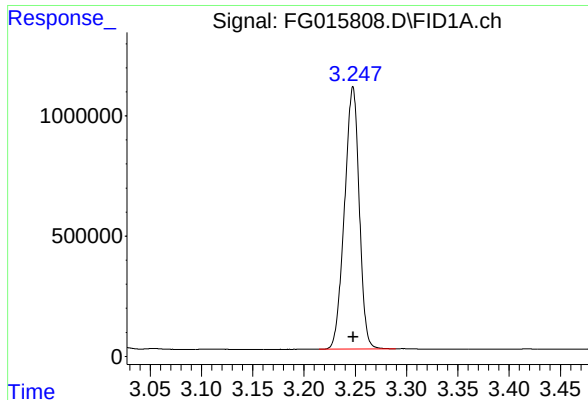
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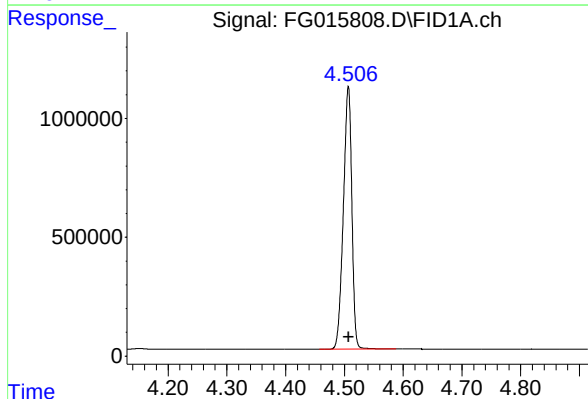




#1 n-Nonane (C9)

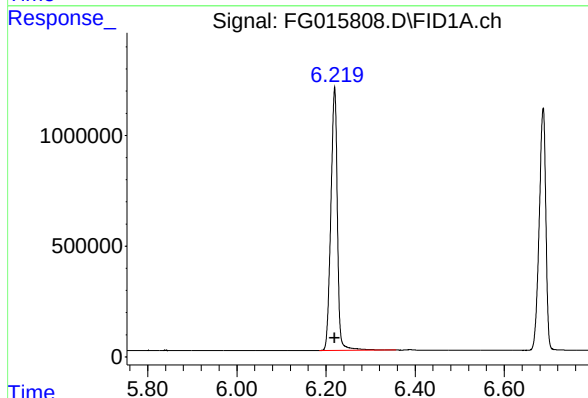
R.T.: 3.248 min
Delta R.T.: 0.000 min
Response: 10920112
Conc: 97.13 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



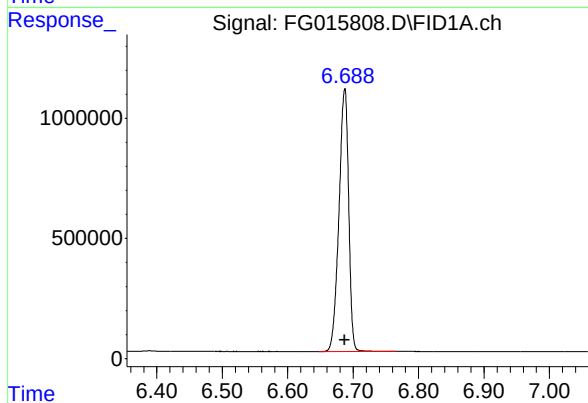
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 11082680
Conc: 97.45 ug/ml



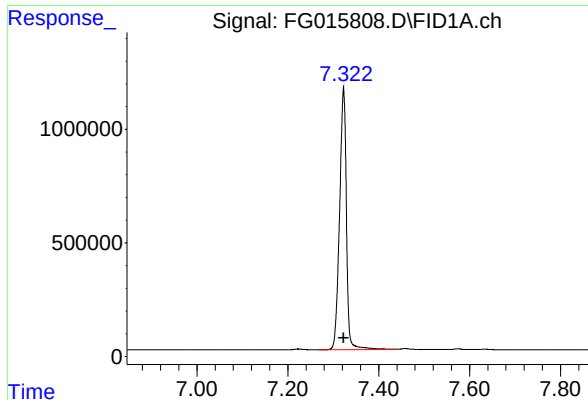
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 12073119
Conc: 99.34 ug/ml



#4 n-Dodecane (C12)

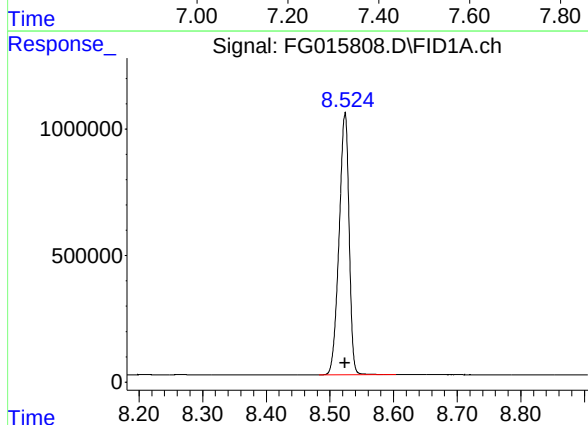
R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 11293150
Conc: 97.40 ug/ml



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

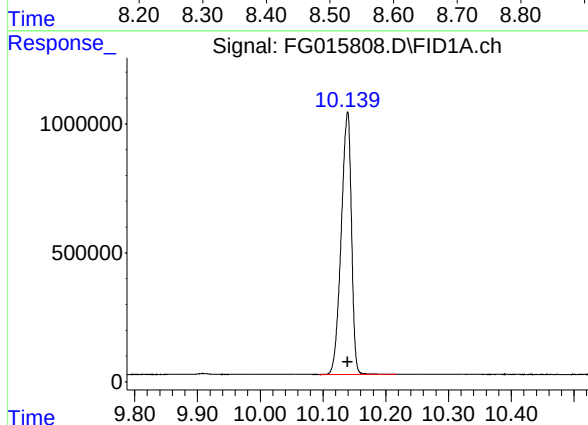
R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 12080339
Conc: 100.01 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



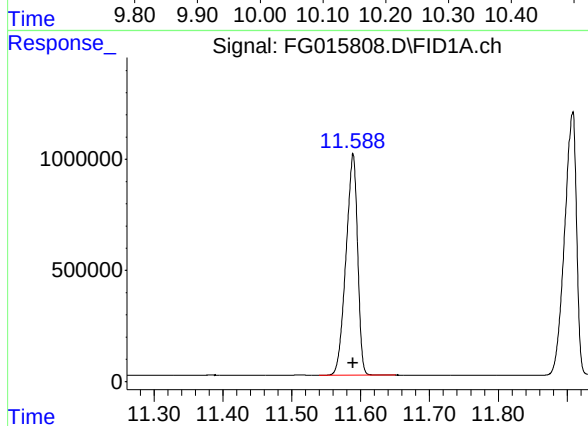
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: 0.000 min
Response: 11313251
Conc: 97.57 ug/ml



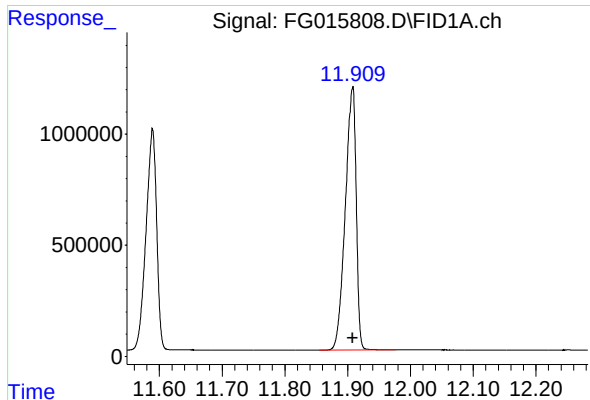
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 11551869
Conc: 97.06 ug/ml



#8 n-Octadecane (C18)

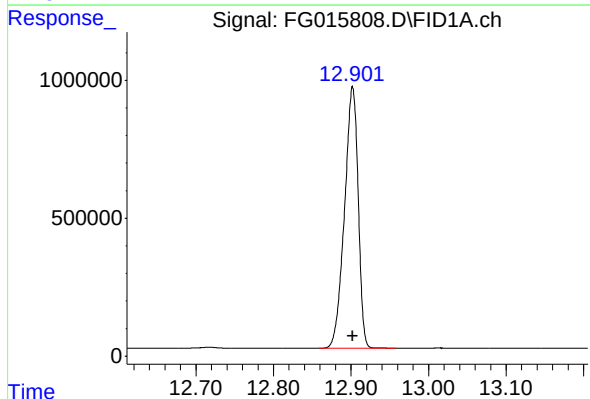
R.T.: 11.589 min
Delta R.T.: 0.000 min
Response: 11693673
Conc: 96.39 ug/ml



#9 ortho-Terphenyl (SURR)

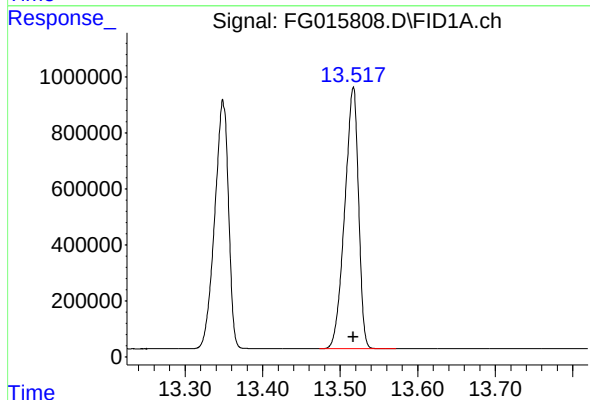
R.T.: 11.908 min
Delta R.T.: 0.000 min
Response: 14285857
Conc: 96.45 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



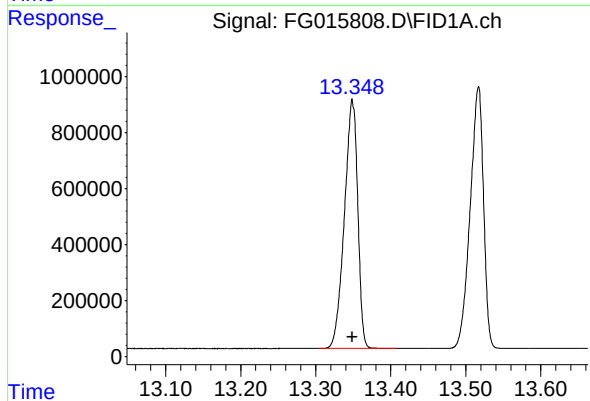
#10 n-Eicosane (C20)

R.T.: 12.902 min
Delta R.T.: 0.000 min
Response: 11615349
Conc: 95.82 ug/ml



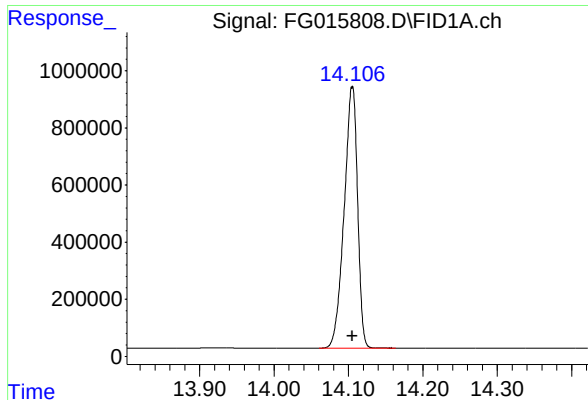
#11 n-Heneicosane (C21)

R.T.: 13.517 min
Delta R.T.: 0.000 min
Response: 11560167
Conc: 95.66 ug/ml



#12 1-chlorooctadecane (SURR)

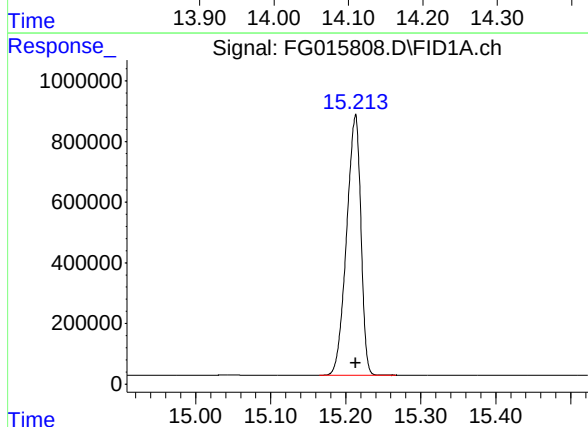
R.T.: 13.349 min
Delta R.T.: 0.000 min
Response: 10985534
Conc: 96.02 ug/ml



#13 n-Docosane (C22)

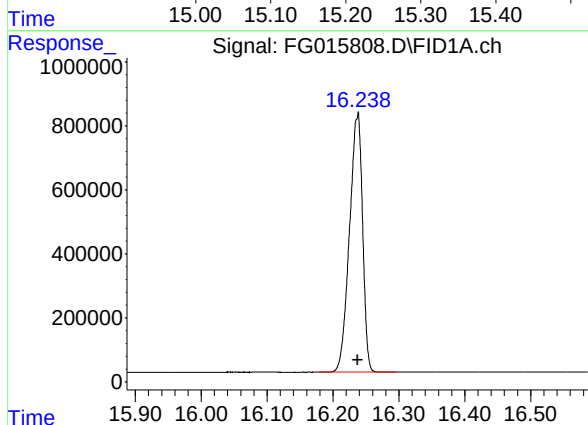
R.T.: 14.105 min
Delta R.T.: 0.000 min
Response: 11485556
Conc: 95.64 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



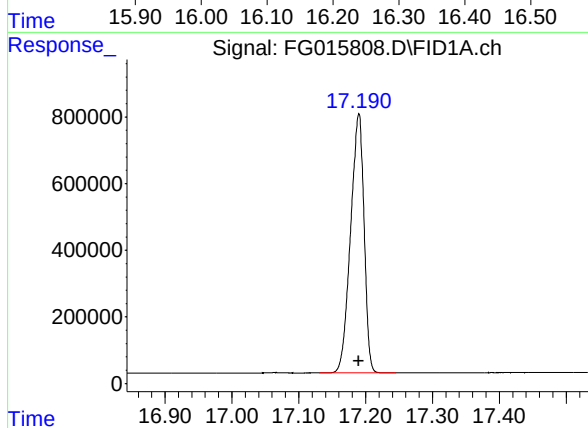
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: 0.000 min
Response: 11362245
Conc: 95.42 ug/ml



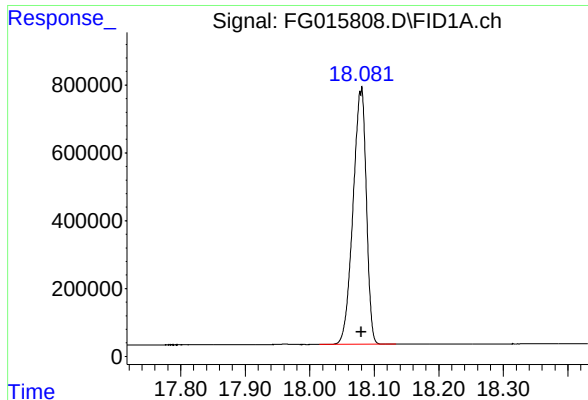
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.000 min
Response: 11159200
Conc: 95.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.190 min
Delta R.T.: 0.000 min
Response: 10885338
Conc: 94.91 ug/ml



#17 n-Tricontane (C30)

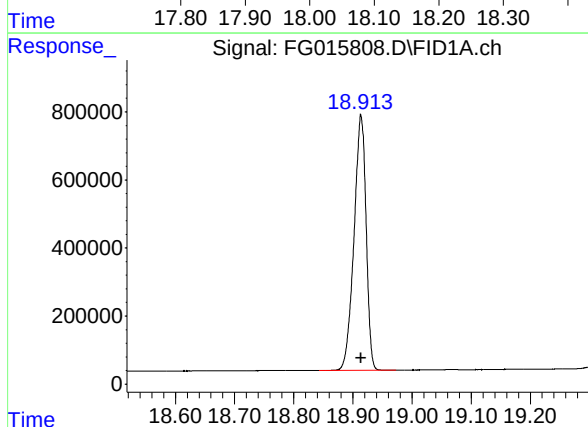
R.T.: 18.080 min
Delta R.T.: 0.000 min
Response: 10827008
Conc: 94.53 ug/ml

Instrument :

FID_G

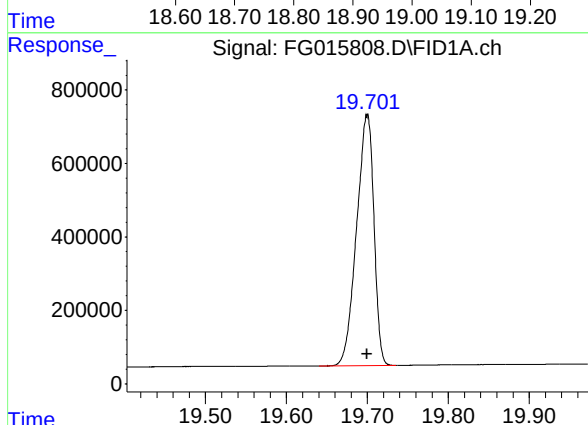
ClientSampleId :

100 PPM ALIPHATIC HC STD1



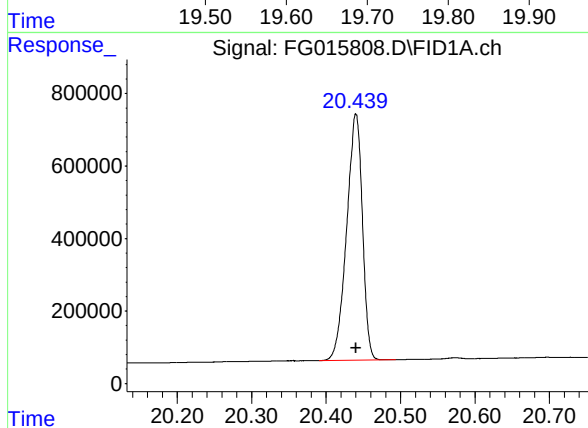
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: 0.000 min
Response: 10646758
Conc: 94.24 ug/ml



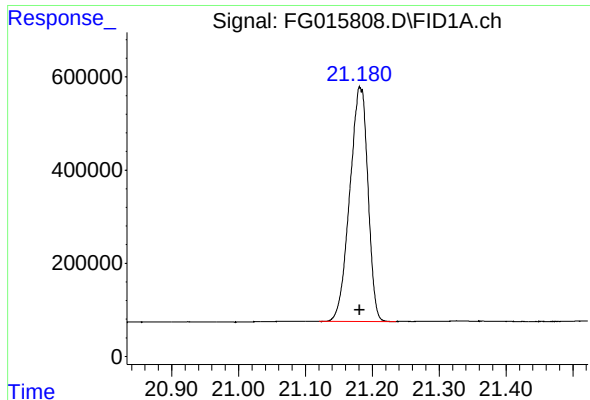
#19 n-Tetatriacontane (C34)

R.T.: 19.700 min
Delta R.T.: 0.000 min
Response: 10180353
Conc: 94.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: 0.000 min
Response: 10006499
Conc: 94.88 ug/ml



#21 n-Octatriacontane (C38)

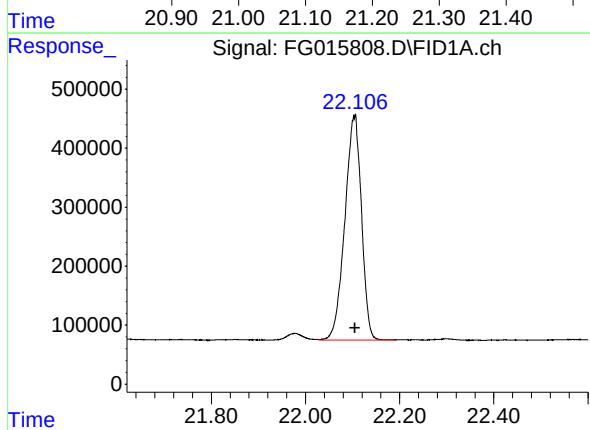
R.T.: 21.181 min
Delta R.T.: 0.000 min
Response: 9515311
Conc: 95.09 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: 0.000 min
Response: 9334811
Conc: 96.23 ug/ml