

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062323AL\
 Data File : FG012270.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jun 2023 15:15
 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: Jun 23 17:13:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 14:37:23 2023
 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)	10.898	2779176	18.369 ug/ml
Spiked Amount 50.000		Recovery =	36.74%
12) S 1-chlorooctadecane (S...	12.336	2063199	18.318 ug/ml
Spiked Amount 50.000		Recovery =	36.64%
Target Compounds			
1) T n-Nonane (C9)	2.743	2208845	18.651 ug/ml
2) T n-Decane (C10)	3.752	2252029	18.497 ug/ml
3) T A~Naphthalene (C11.7)	5.319	2530069	18.461 ug/ml
4) T n-Dodecane (C12)	5.742	2286788	18.300 ug/ml
5) T A~2-methylnaphthalene...	6.369	2413171	18.458 ug/ml
6) T n-Tetradecane (C14)	7.535	2285378	18.242 ug/ml
7) T n-Hexadecane (C16)	9.137	2410908	18.286 ug/ml
8) T n-Octadecane (C18)	10.579	2486571	18.281 ug/ml
10) T n-Eicosane (C20)	11.890	2397908	18.243 ug/ml
11) T n-Heneicosane (C21)	12.502	2349921	18.324 ug/ml
13) T n-Docosane (C22)	13.090	2322715	18.298 ug/ml
14) T n-Tetracosane (C24)	14.193	2363999	17.762 ug/ml
15) T n-Hexacosane (C26)	15.216	2204070	17.976 ug/ml
16) T n-Octacosane (C28)	16.168	2165735	17.906 ug/ml
17) T n-Tricontane (C30)	17.056	2203740	17.713 ug/ml
18) T n-Dotriacontane (C32)	17.890	2181496	17.603 ug/ml
19) T n-Tetratriacontane (C34)	18.674	2155339	18.021 ug/ml
20) T n-Hexatriacontane (C36)	19.416	2095569	18.184 ug/ml
21) T n-Octatriacontane (C38)	20.151	2094553	18.327 ug/ml
22) T n-Tetracontane (C40)	21.064	2073853	18.324 ug/ml

(f)=RT Delta > 1/2 Window

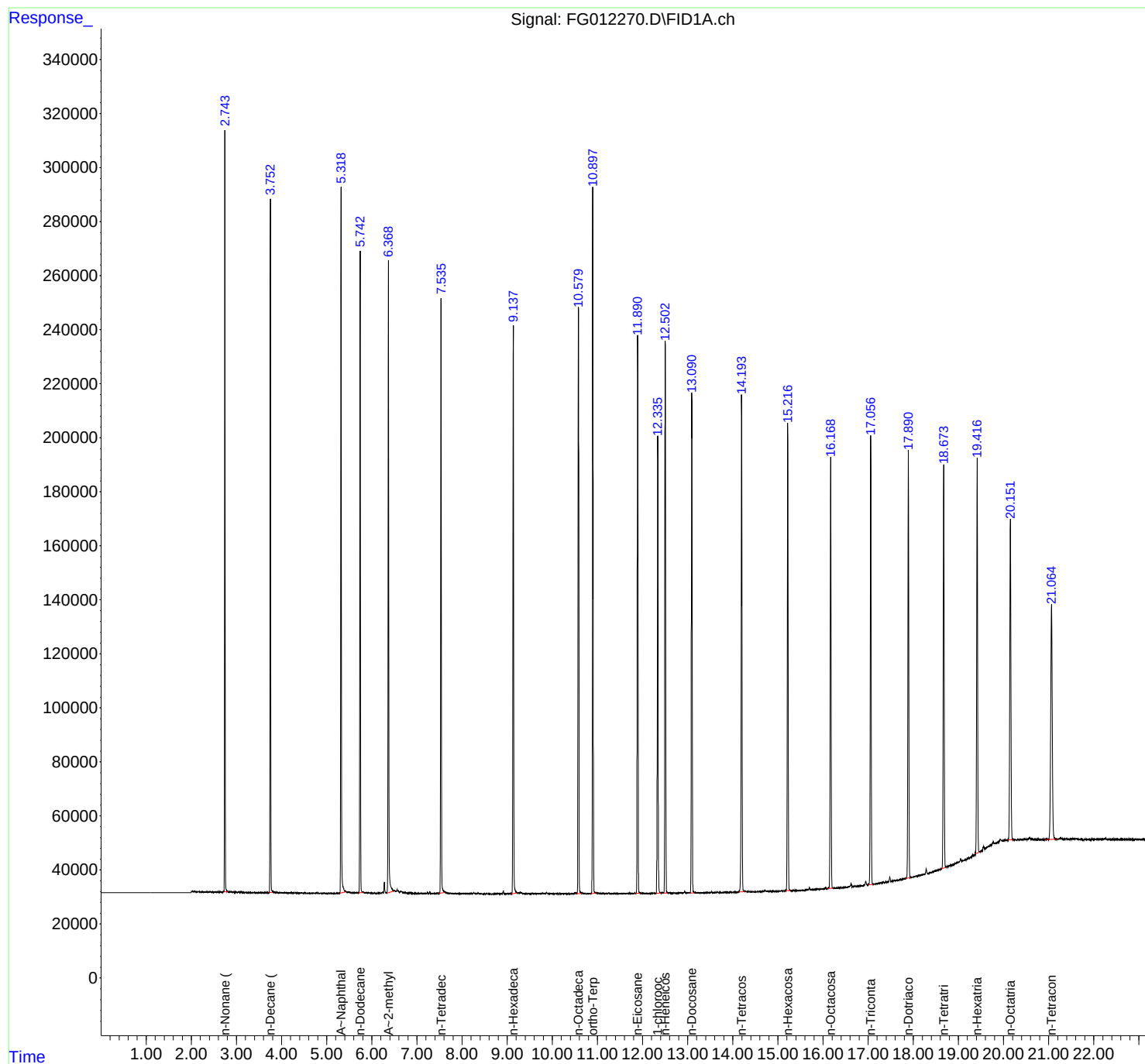
(m)=manual int.

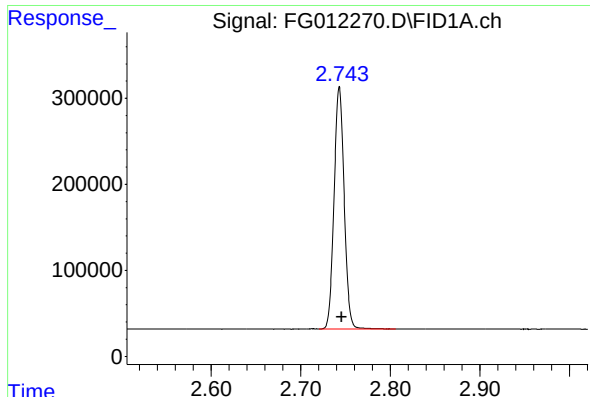
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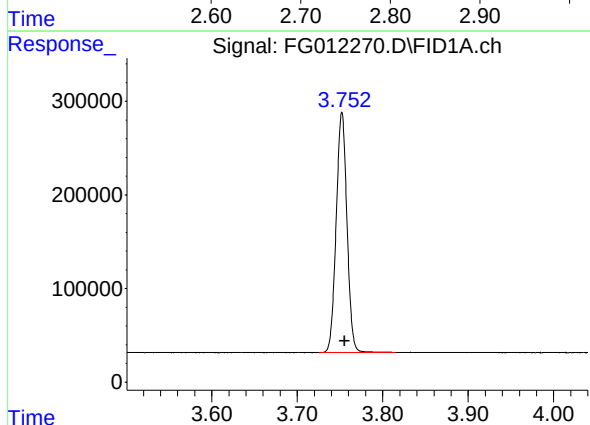




#1 n-Nonane (C9)

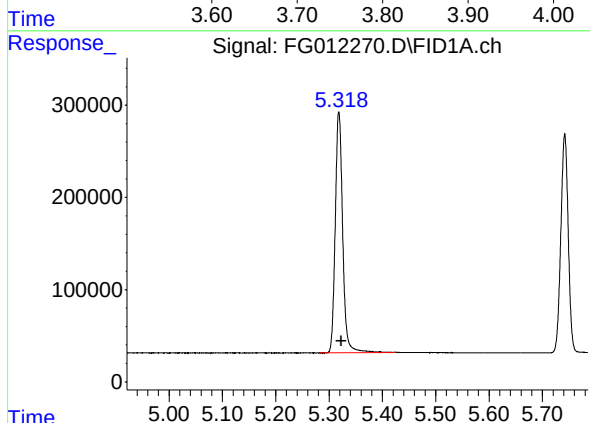
R.T.: 2.743 min
Delta R.T.: -0.003 min
Response: 2208845
Conc: 18.65 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



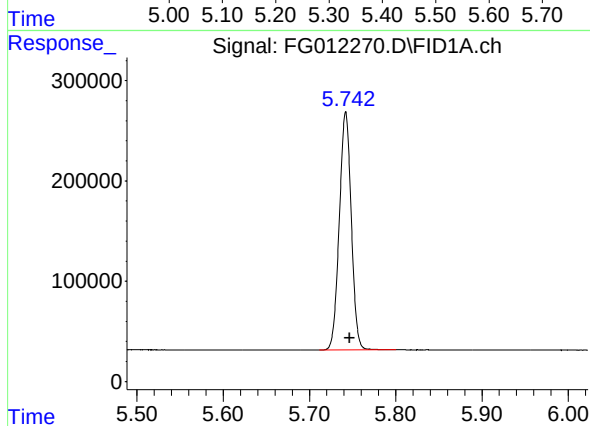
#2 n-Decane (C10)

R.T.: 3.752 min
Delta R.T.: -0.003 min
Response: 2252029
Conc: 18.50 ug/ml



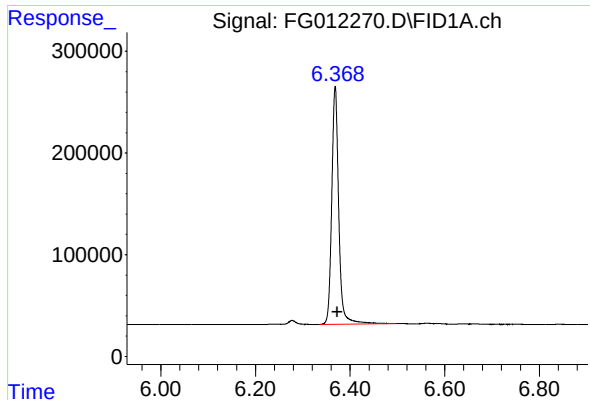
#3 A~Naphthalene (C11.7)

R.T.: 5.319 min
Delta R.T.: -0.004 min
Response: 2530069
Conc: 18.46 ug/ml



#4 n-Dodecane (C12)

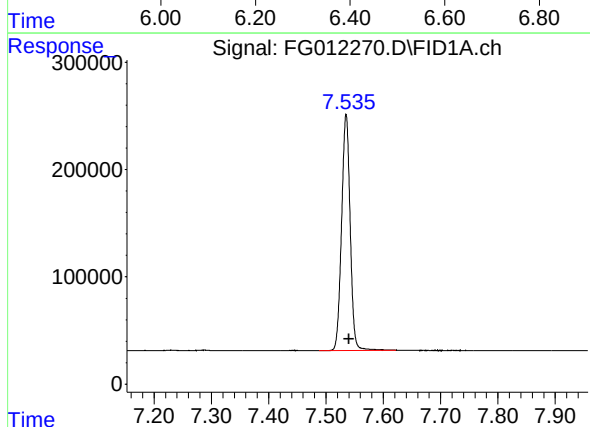
R.T.: 5.742 min
Delta R.T.: -0.004 min
Response: 2286788
Conc: 18.30 ug/ml



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

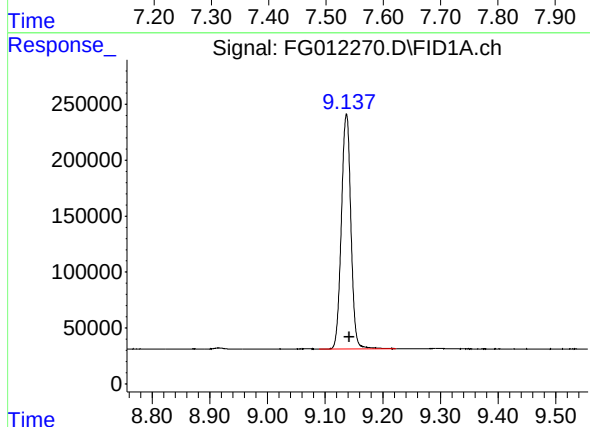
R.T.: 6.369 min
Delta R.T.: -0.005 min
Response: 2413171
Conc: 18.46 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



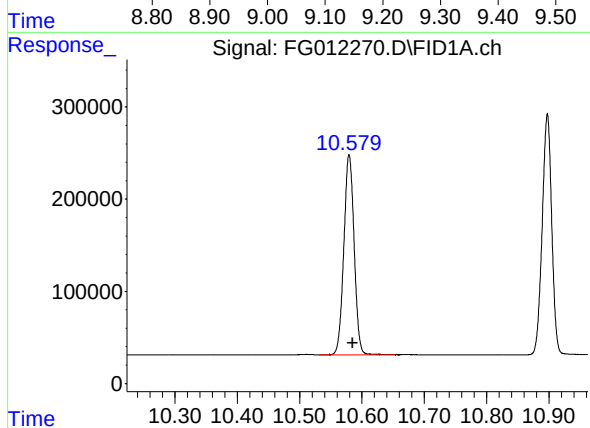
#6 n-Tetradecane (C14)

R.T.: 7.535 min
Delta R.T.: -0.004 min
Response: 2285378
Conc: 18.24 ug/ml



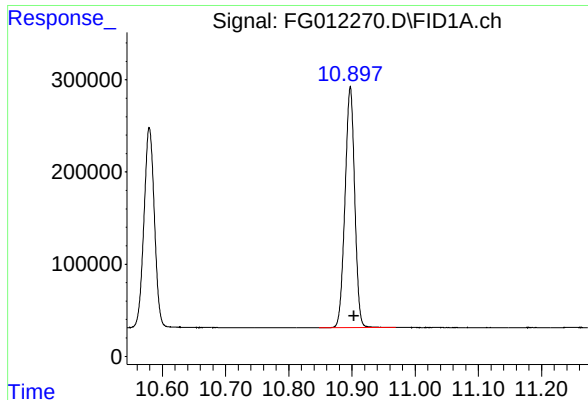
#7 n-Hexadecane (C16)

R.T.: 9.137 min
Delta R.T.: -0.005 min
Response: 2410908
Conc: 18.29 ug/ml



#8 n-Octadecane (C18)

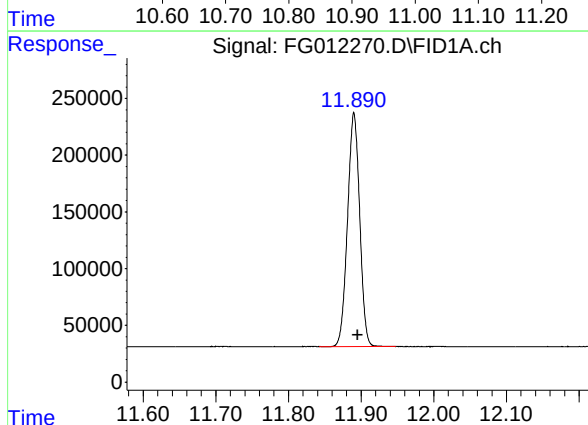
R.T.: 10.579 min
Delta R.T.: -0.006 min
Response: 2486571
Conc: 18.28 ug/ml



#9 ortho-Terphenyl (SURR)

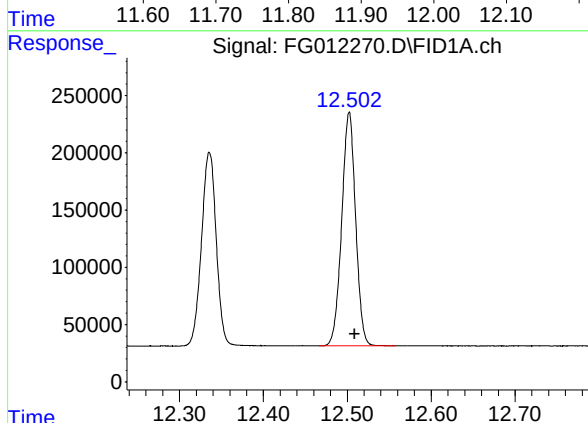
R.T.: 10.898 min
Delta R.T.: -0.006 min
Response: 2779176
Conc: 18.37 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



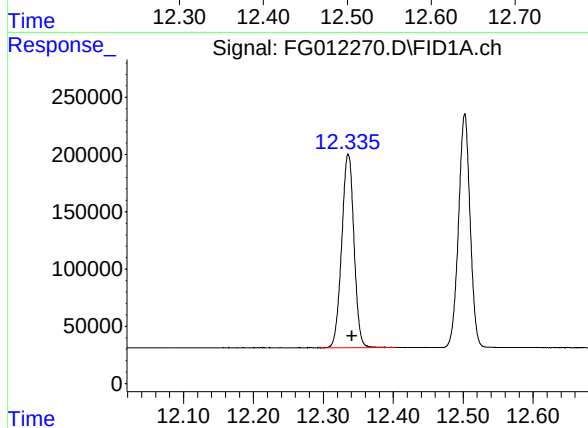
#10 n-Eicosane (C20)

R.T.: 11.890 min
Delta R.T.: -0.005 min
Response: 2397908
Conc: 18.24 ug/ml



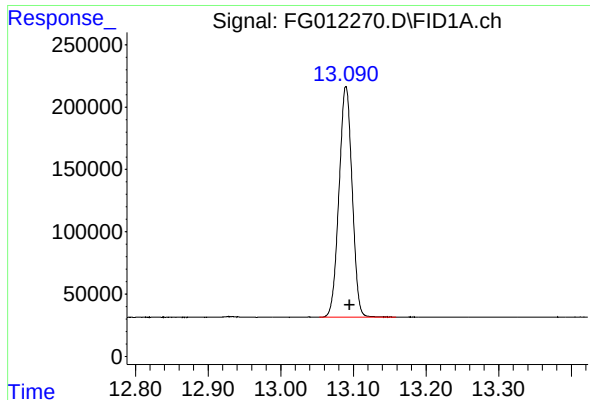
#11 n-Heneicosane (C21)

R.T.: 12.502 min
Delta R.T.: -0.006 min
Response: 2349921
Conc: 18.32 ug/ml



#12 1-chlorooctadecane (SURR)

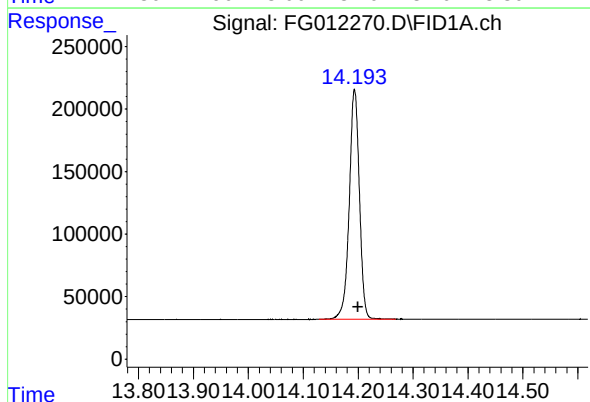
R.T.: 12.336 min
Delta R.T.: -0.005 min
Response: 2063199
Conc: 18.32 ug/ml



#13 n-Docosane (C22)

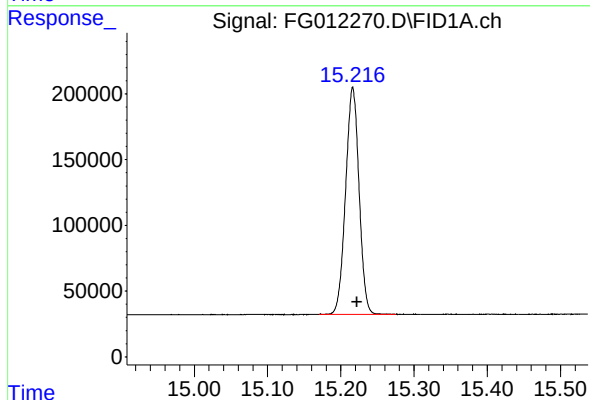
R.T.: 13.090 min
Delta R.T.: -0.005 min
Response: 2322715
Conc: 18.30 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



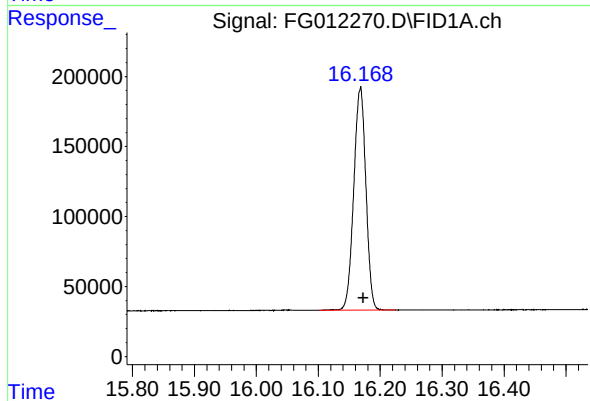
#14 n-Tetracosane (C24)

R.T.: 14.193 min
Delta R.T.: -0.007 min
Response: 2363999
Conc: 17.76 ug/ml



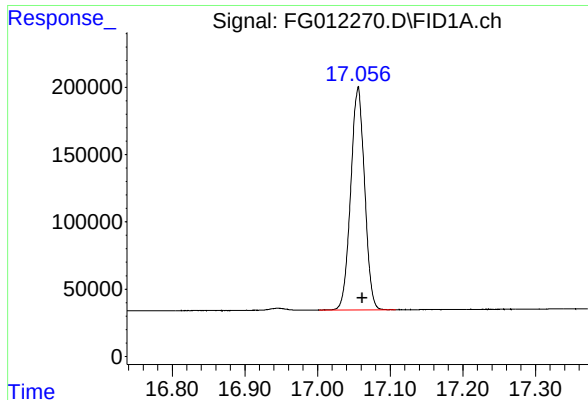
#15 n-Hexacosane (C26)

R.T.: 15.216 min
Delta R.T.: -0.006 min
Response: 2204070
Conc: 17.98 ug/ml



#16 n-Octacosane (C28)

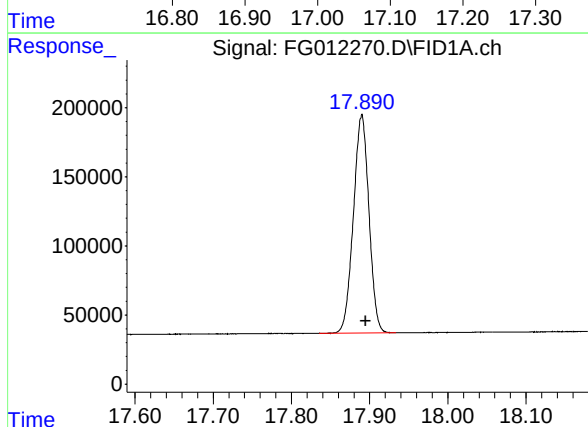
R.T.: 16.168 min
Delta R.T.: -0.004 min
Response: 2165735
Conc: 17.91 ug/ml



#17 n-Tricontane (C30)

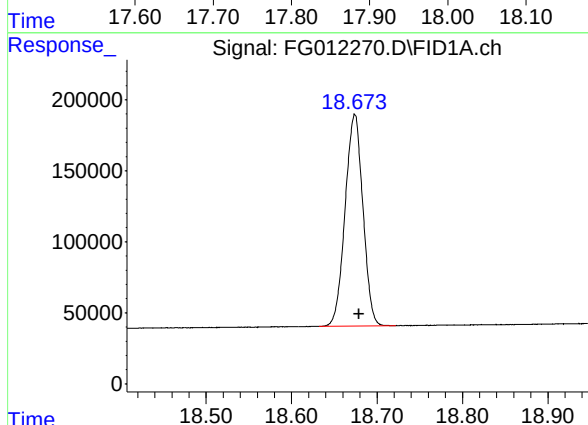
R.T.: 17.056 min
Delta R.T.: -0.006 min
Response: 2203740
Conc: 17.71 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



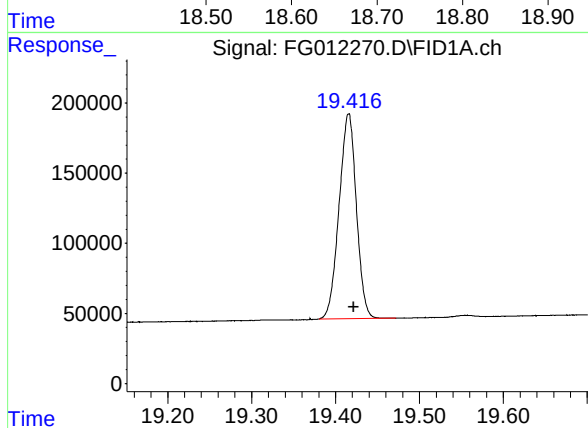
#18 n-Dotriacontane (C32)

R.T.: 17.890 min
Delta R.T.: -0.005 min
Response: 2181496
Conc: 17.60 ug/ml



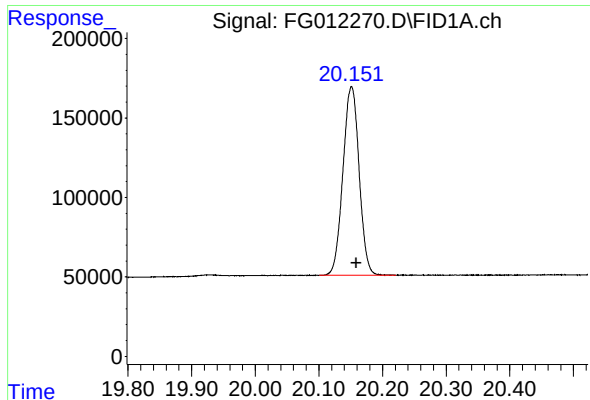
#19 n-Tetratriacontane (C34)

R.T.: 18.674 min
Delta R.T.: -0.005 min
Response: 2155339
Conc: 18.02 ug/ml



#20 n-Hexatriacontane (C36)

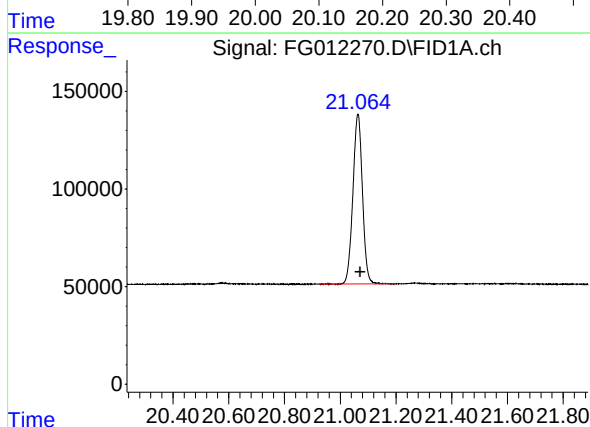
R.T.: 19.416 min
Delta R.T.: -0.006 min
Response: 2095569
Conc: 18.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.151 min
Delta R.T.: -0.007 min
Response: 2094553
Conc: 18.33 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.064 min
Delta R.T.: -0.008 min
Response: 2073853
Conc: 18.32 ug/ml