

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
 Data File : FG014475.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 02:54
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 22 06:46:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:44:46 2024
 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)	11.982	831378	5.521 ug/ml
Spiked Amount 50.000		Recovery =	11.04%
12) S 1-chlorooctadecane (S...	13.422	685843	5.794 ug/ml
Spiked Amount 50.000		Recovery =	11.59%
Target Compounds			
1) T n-Nonane (C9)	3.347	694427	5.424 ug/ml
2) T n-Decane (C10)	4.600	708440	5.436 ug/ml
3) T A~Naphthalene (C11.7)	6.307	770627	5.432 ug/ml
4) T n-Dodecane (C12)	6.771	713929	5.434 ug/ml
5) T A~2-methylnaphthalene...	7.405	748484	5.424 ug/ml
6) T n-Tetradecane (C14)	8.604	713297	5.440 ug/ml
7) T n-Hexadecane (C16)	10.217	752896	5.506 ug/ml
8) T n-Octadecane (C18)	11.664	787466	5.642 ug/ml
10) T n-Eicosane (C20)	12.977	783230	5.760 ug/ml
11) T n-Heneicosane (C21)	13.589	785615	5.835 ug/ml
13) T n-Docosane (C22)	14.177	794152	5.893 ug/ml
14) T n-Tetracosane (C24)	15.281	809858	5.971 ug/ml
15) T n-Hexacosane (C26)	16.303	809568	6.034 ug/ml
16) T n-Octacosane (C28)	17.253	799676	6.109 ug/ml
17) T n-Tricontane (C30)	18.141	812937	6.191 ug/ml
18) T n-Dotriacontane (C32)	18.973	776653	6.262 ug/ml
19) T n-Tetratriacontane (C34)	19.756	658399	6.176 ug/ml
20) T n-Hexatriacontane (C36)	20.494	538139	6.021 ug/ml
21) T n-Octatriacontane (C38)	21.250	478182	5.936 ug/ml
22) T n-Tetracontane (C40)	22.199	421491	5.716 ug/ml

(f)=RT Delta > 1/2 Window

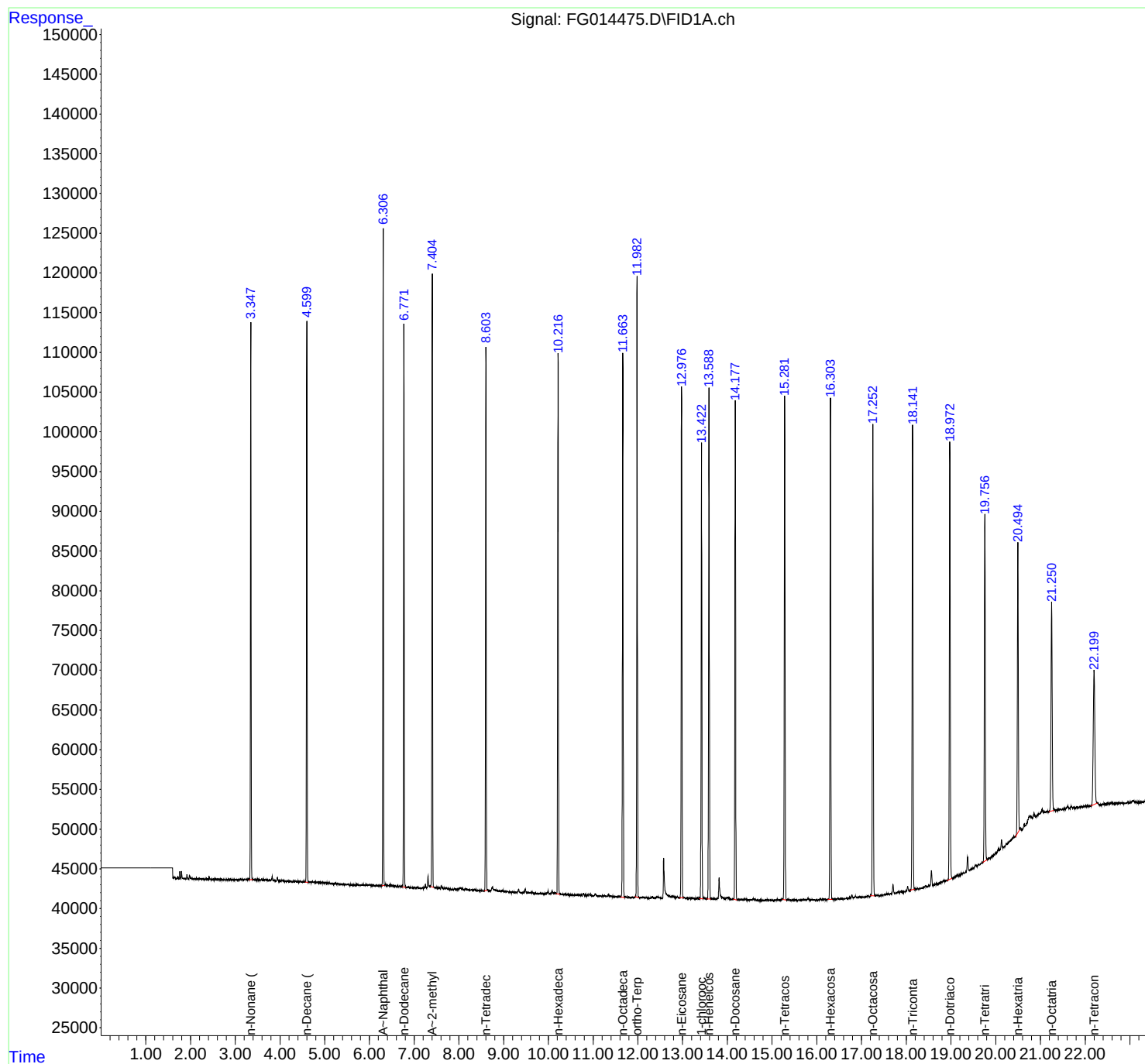
(m)=manual int.

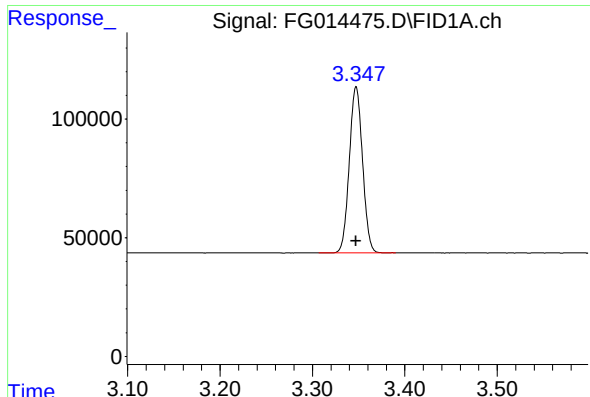
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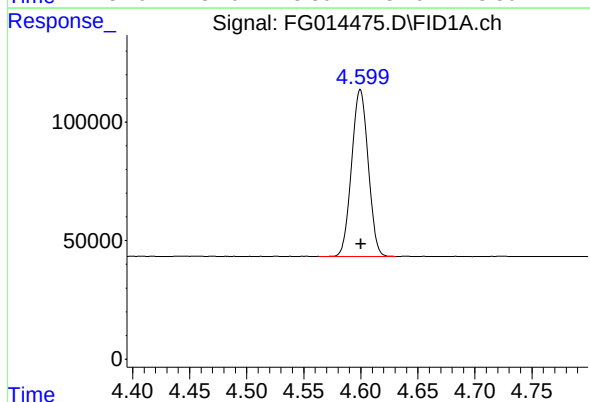




#1 n-Nonane (C9)

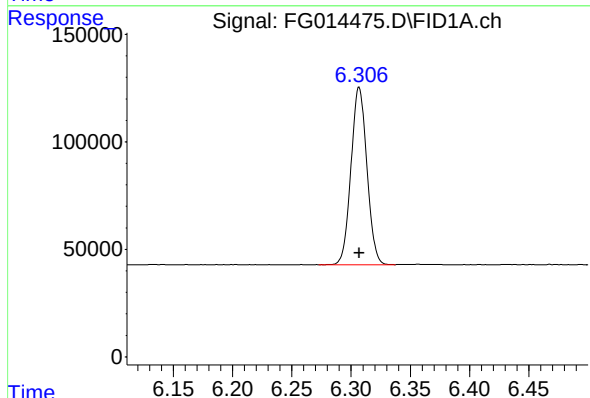
R.T.: 3.347 min
Delta R.T.: 0.000 min
Response: 694427
Conc: 5.42 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



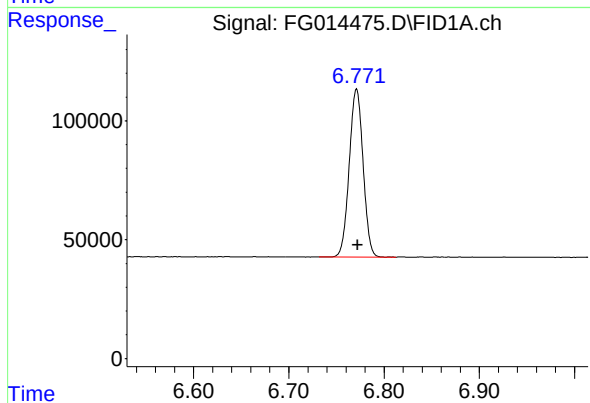
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 708440
Conc: 5.44 ug/ml



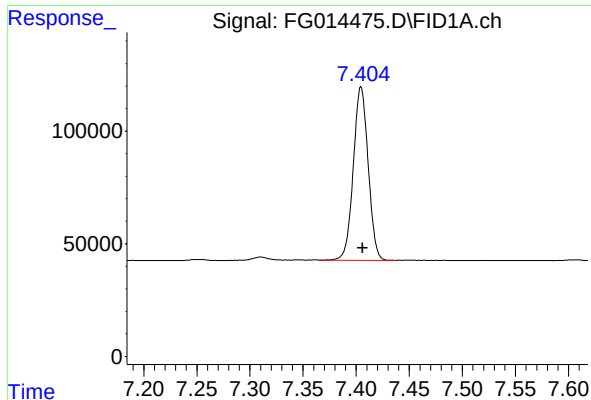
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 770627
Conc: 5.43 ug/ml



#4 n-Dodecane (C12)

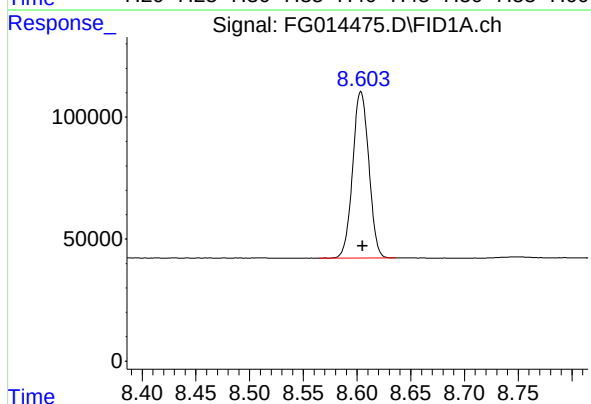
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 713929
Conc: 5.43 ug/ml



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

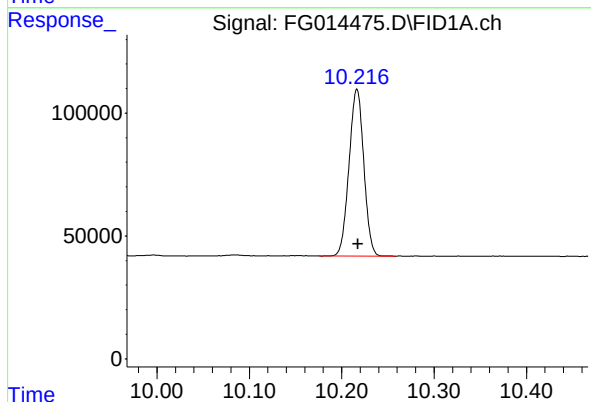
R.T.: 7.405 min
Delta R.T.: -0.001 min
Response: 748484
Conc: 5.42 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



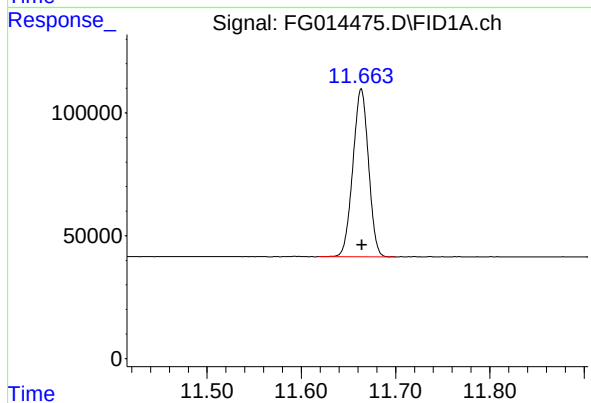
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: -0.002 min
Response: 713297
Conc: 5.44 ug/ml



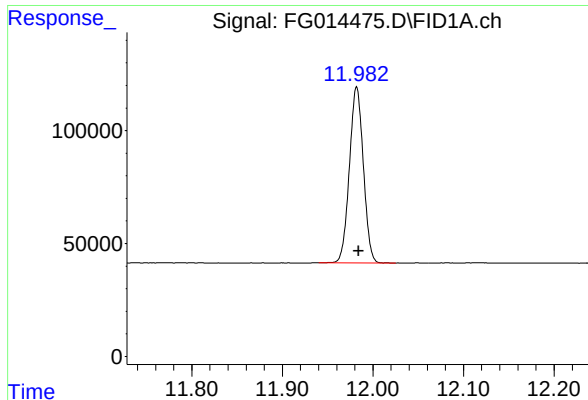
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: -0.001 min
Response: 752896
Conc: 5.51 ug/ml



#8 n-Octadecane (C18)

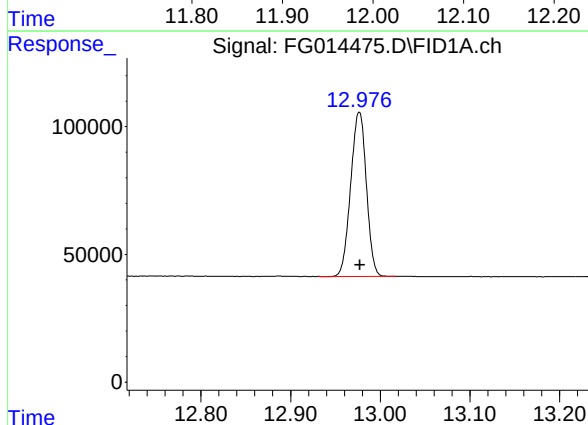
R.T.: 11.664 min
Delta R.T.: 0.000 min
Response: 787466
Conc: 5.64 ug/ml



#9 ortho-Terphenyl (SURR)

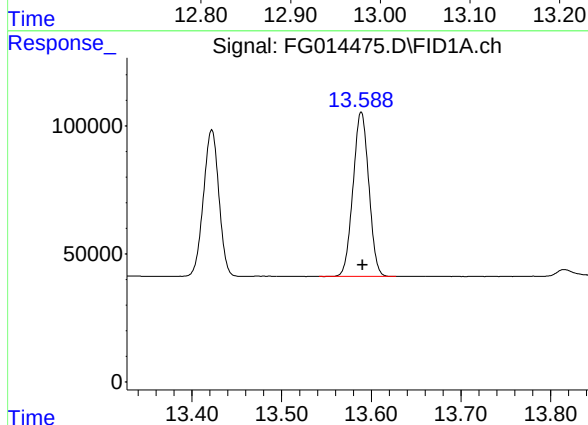
R.T.: 11.982 min
Delta R.T.: -0.002 min
Response: 831378
Conc: 5.52 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



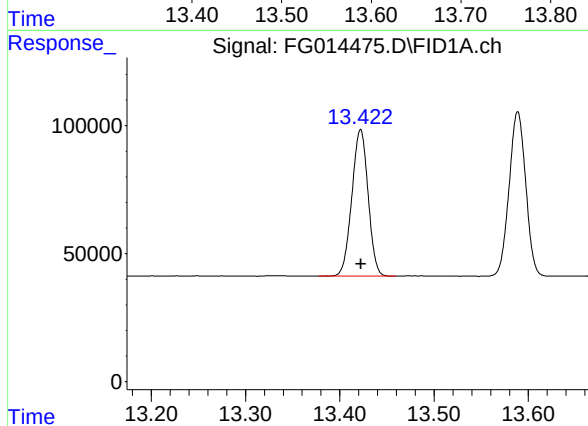
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.000 min
Response: 783230
Conc: 5.76 ug/ml



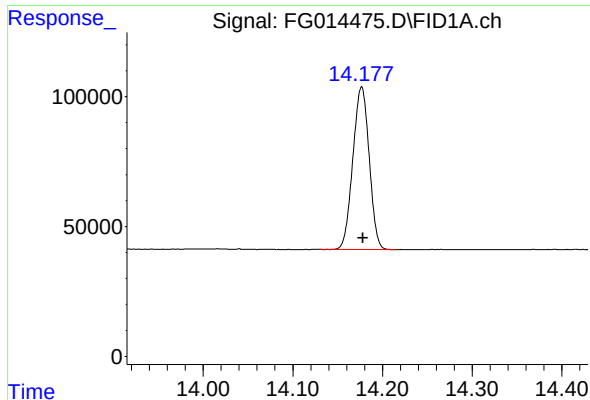
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: -0.001 min
Response: 785615
Conc: 5.83 ug/ml



#12 1-chlorooctadecane (SURR)

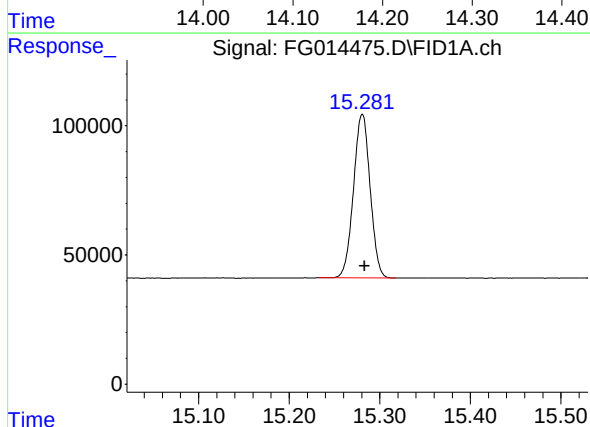
R.T.: 13.422 min
Delta R.T.: 0.000 min
Response: 685843
Conc: 5.79 ug/ml



#13 n-Docosane (C22)

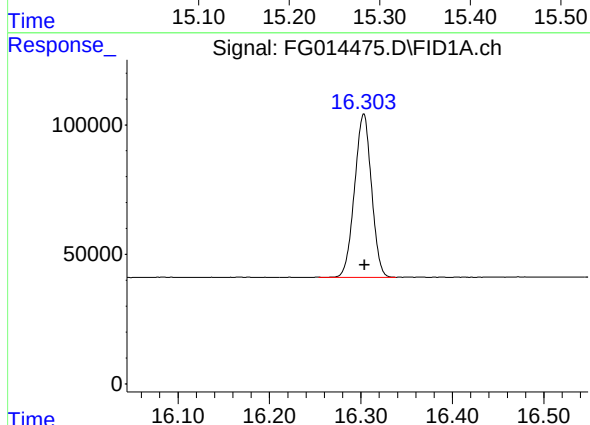
R.T.: 14.177 min
Delta R.T.: -0.001 min
Response: 794152
Conc: 5.89 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



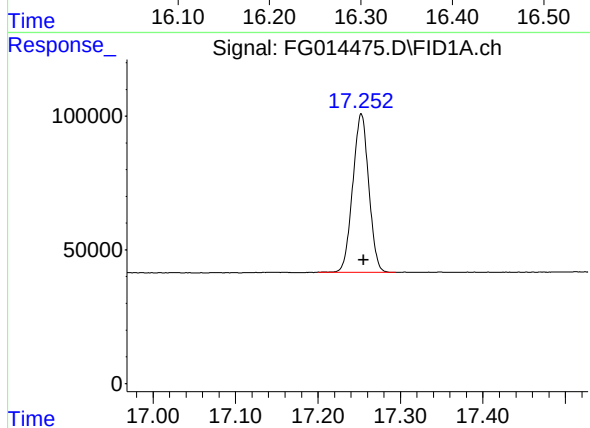
#14 n-Tetracosane (C24)

R.T.: 15.281 min
Delta R.T.: -0.003 min
Response: 809858
Conc: 5.97 ug/ml



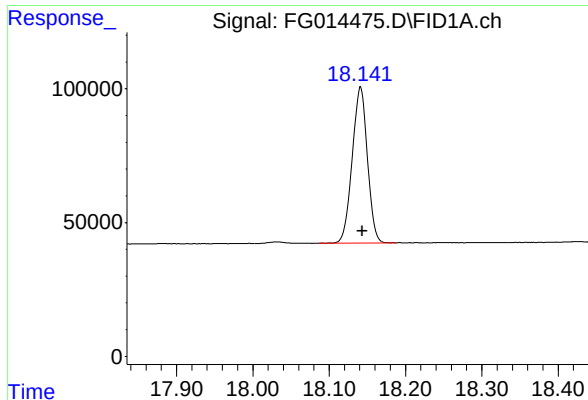
#15 n-Hexacosane (C26)

R.T.: 16.303 min
Delta R.T.: 0.000 min
Response: 809568
Conc: 6.03 ug/ml



#16 n-Octacosane (C28)

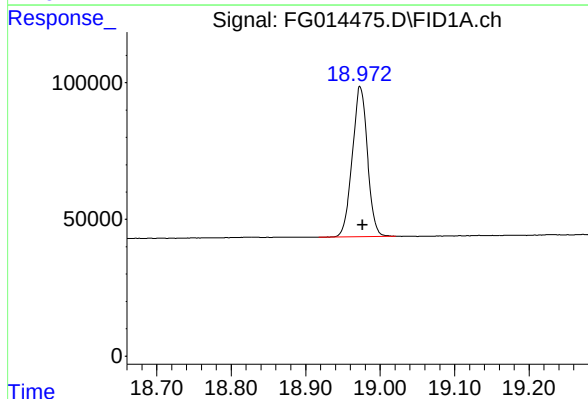
R.T.: 17.253 min
Delta R.T.: -0.002 min
Response: 799676
Conc: 6.11 ug/ml



#17 n-Tricontane (C30)

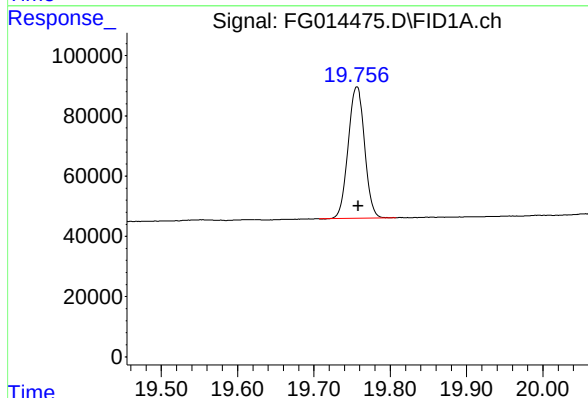
R.T.: 18.141 min
Delta R.T.: -0.002 min
Response: 812937
Conc: 6.19 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



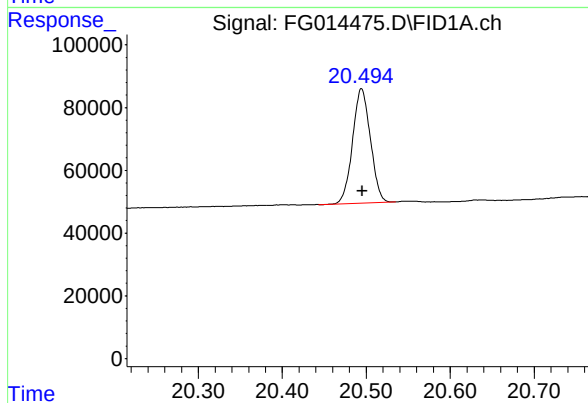
#18 n-Dotriacontane (C32)

R.T.: 18.973 min
Delta R.T.: -0.003 min
Response: 776653
Conc: 6.26 ug/ml



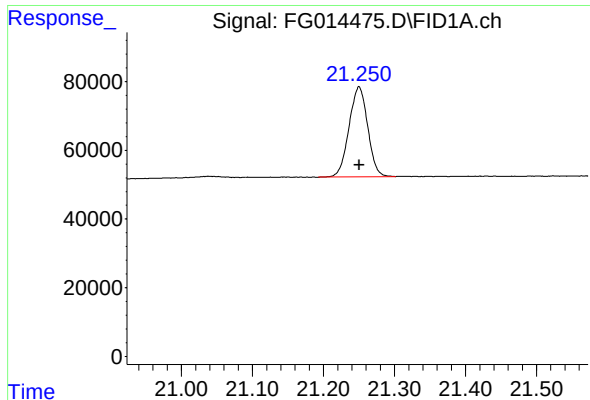
#19 n-Tetratriacontane (C34)

R.T.: 19.756 min
Delta R.T.: -0.002 min
Response: 658399
Conc: 6.18 ug/ml



#20 n-Hexatriacontane (C36)

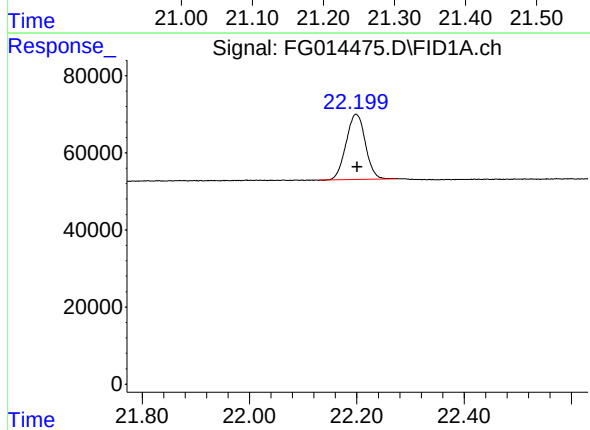
R.T.: 20.494 min
Delta R.T.: -0.001 min
Response: 538139
Conc: 6.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.250 min
Delta R.T.: 0.000 min
Response: 478182
Conc: 5.94 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.199 min
Delta R.T.: -0.002 min
Response: 421491
Conc: 5.72 ug/ml