

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091124AL\
 Data File : FG014210.D
 Signal(s) : FID1A.ch
 Acq On : 10 Sep 2024 22:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 11 07:17:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 07:16:16 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)	11.821	2516460	18.640 ug/ml
Spiked Amount 50.000		Recovery =	37.28%
12) S 1-chlorooctadecane (S...	13.268	1944931	18.603 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
Target Compounds			
1) T n-Nonane (C9)	3.202	2211006	18.343 ug/ml
2) T n-Decane (C10)	4.451	2244171	18.304 ug/ml
3) T A~Naphthalene (C11.7)	6.152	2316707	18.755 ug/ml
4) T n-Dodecane (C12)	6.623	2235466	18.432 ug/ml
5) T A~2-methylnaphthalene...	7.251	2071624	19.111 ug/ml
6) T n-Tetradecane (C14)	8.455	2238305	18.806 ug/ml
7) T n-Hexadecane (C16)	10.066	2305229	18.470 ug/ml
8) T n-Octadecane (C18)	11.512	2353364	18.515 ug/ml
10) T n-Eicosane (C20)	12.824	2275165	18.544 ug/ml
11) T n-Heneicosane (C21)	13.437	2240323	18.569 ug/ml
13) T n-Docosane (C22)	14.026	2233950	18.639 ug/ml
14) T n-Tetracosane (C24)	15.132	2236951	18.788 ug/ml
15) T n-Hexacosane (C26)	16.155	2199544	18.867 ug/ml
16) T n-Octacosane (C28)	17.109	2141050	18.829 ug/ml
17) T n-Tricontane (C30)	17.998	2147757	18.603 ug/ml
18) T n-Dotriacontane (C32)	18.832	2053287	18.463 ug/ml
19) T n-Tetratriacontane (C34)	19.617	1798241	18.440 ug/ml
20) T n-Hexatriacontane (C36)	20.359	1568732	17.566 ug/ml
21) T n-Octatriacontane (C38)	21.089	1489900	18.456 ug/ml
22) T n-Tetracontane (C40)	21.982	1504948	18.488 ug/ml

(f)=RT Delta > 1/2 Window

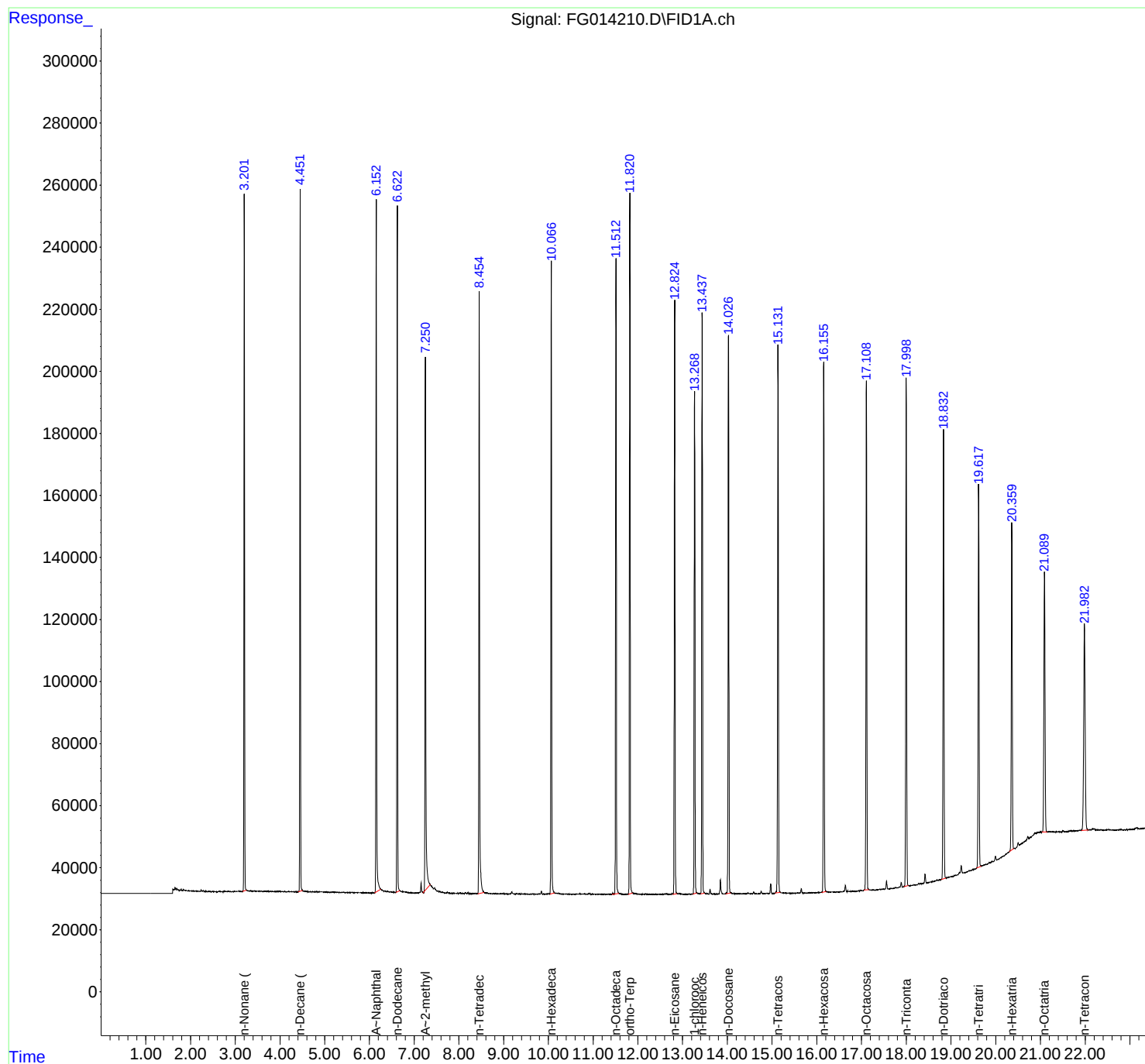
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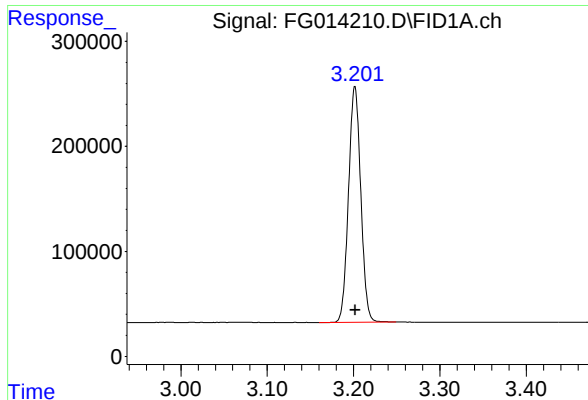
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#1 n-Nonane (C9)

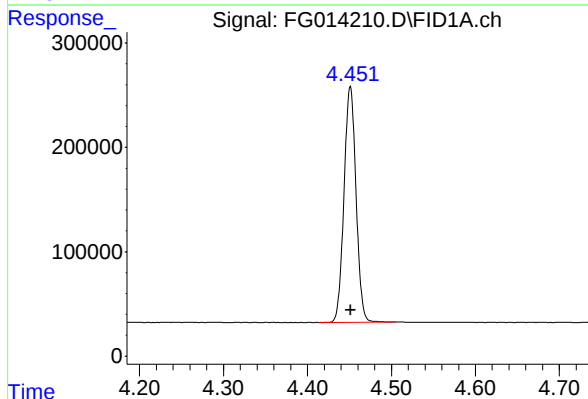
R.T.: 3.202 min
Delta R.T.: 0.000 min
Response: 2211006
Conc: 18.34 ug/ml

Instrument :

FID_G

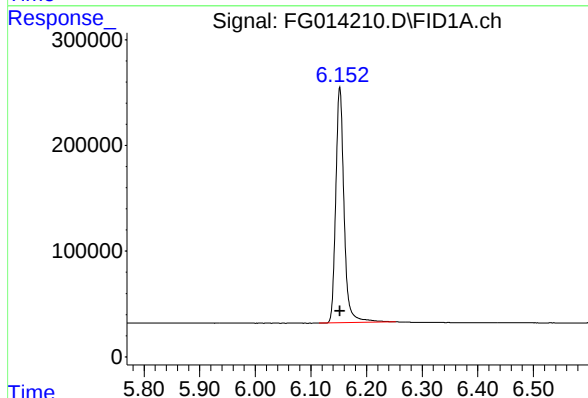
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



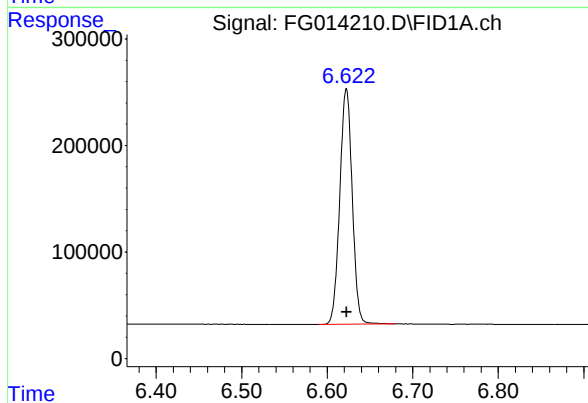
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 2244171
Conc: 18.30 ug/ml



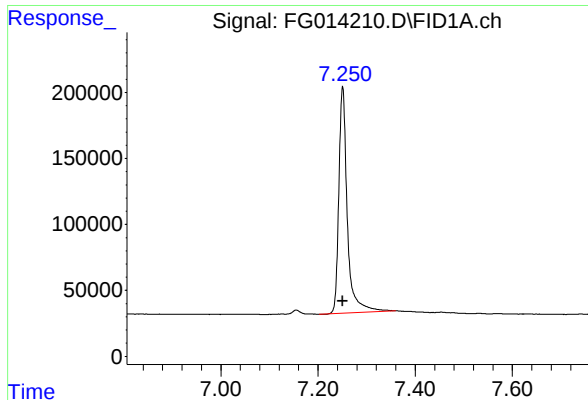
#3 A~Naphthalene (C11.7)

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 2316707
Conc: 18.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 2235466
Conc: 18.43 ug/ml



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

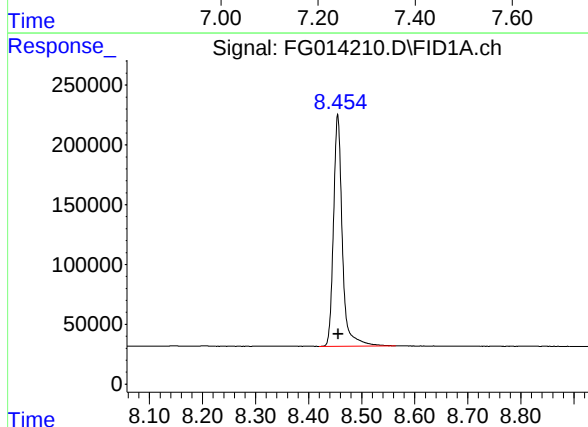
R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 2071624
Conc: 19.11 ug/ml

Instrument :

FID_G

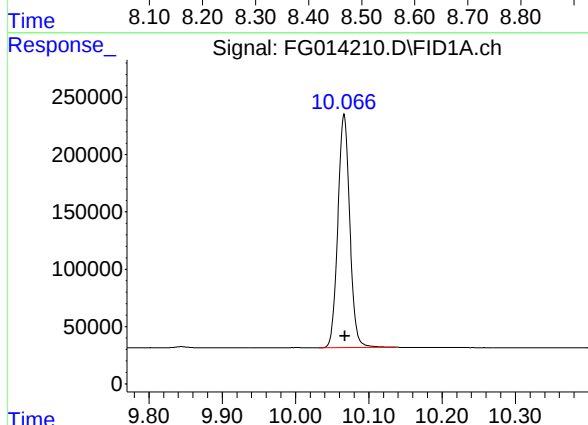
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



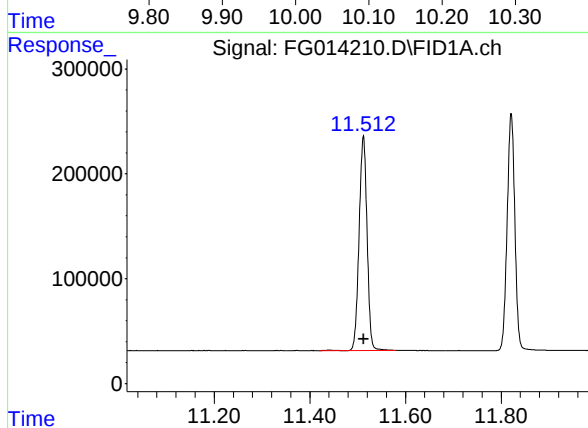
#6 n-Tetradecane (C14)

R.T.: 8.455 min
Delta R.T.: 0.000 min
Response: 2238305
Conc: 18.81 ug/ml



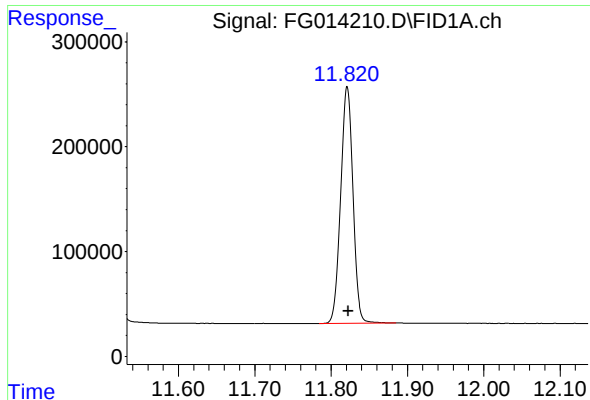
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.001 min
Response: 2305229
Conc: 18.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.512 min
Delta R.T.: 0.000 min
Response: 2353364
Conc: 18.51 ug/ml



#9 ortho-Terphenyl (SURR)

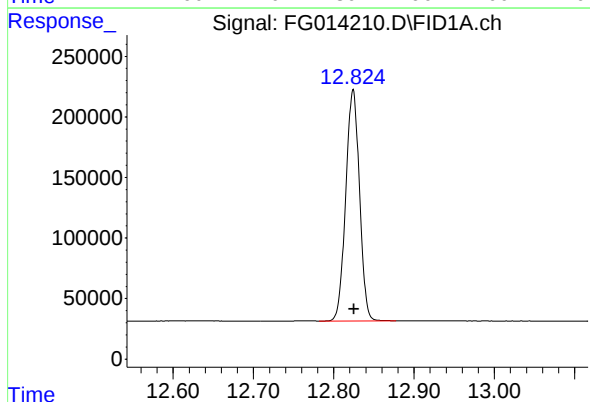
R.T.: 11.821 min
Delta R.T.: -0.001 min
Response: 2516460
Conc: 18.64 ug/ml

Instrument :

FID_G

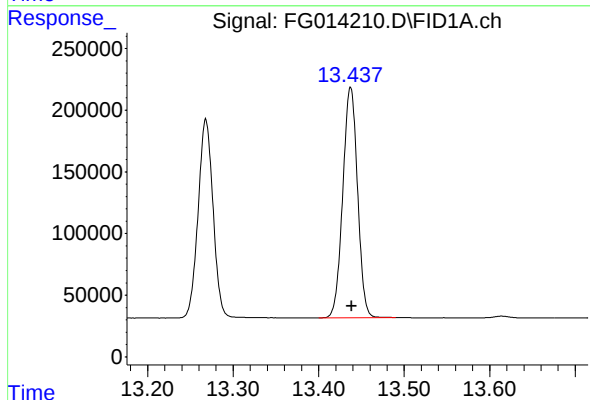
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



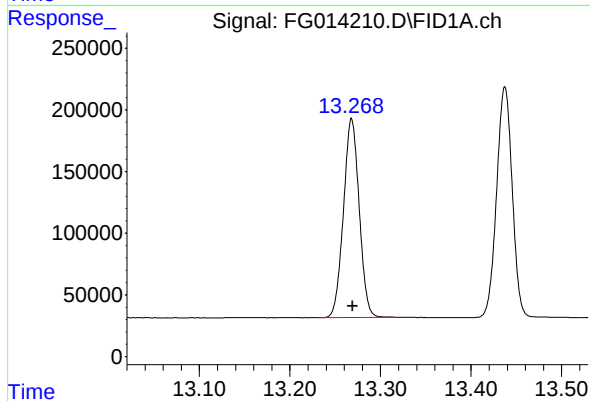
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.001 min
Response: 2275165
Conc: 18.54 ug/ml



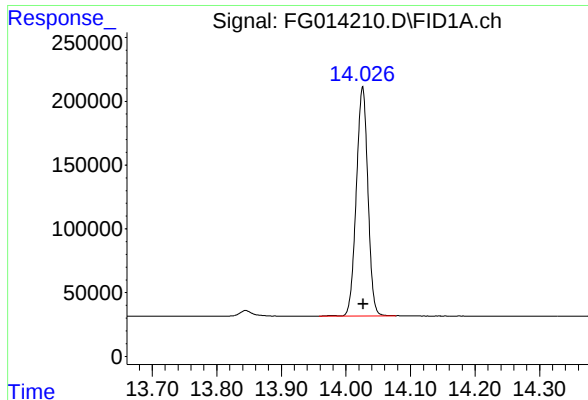
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.001 min
Response: 2240323
Conc: 18.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.268 min
Delta R.T.: -0.001 min
Response: 1944931
Conc: 18.60 ug/ml



#13 n-Docosane (C22)

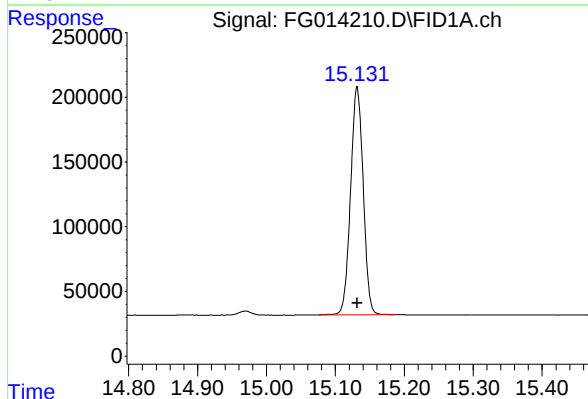
R.T.: 14.026 min
Delta R.T.: 0.000 min
Response: 2233950
Conc: 18.64 ug/ml

Instrument :

FID_G

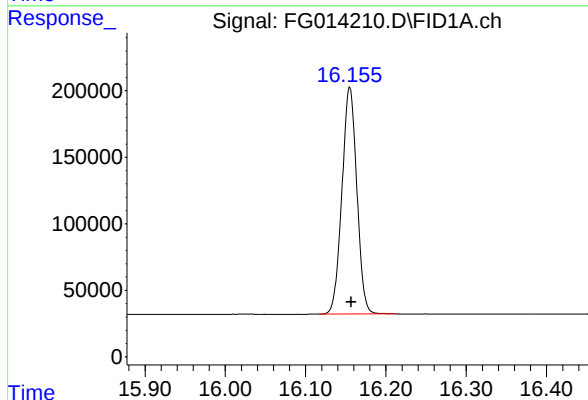
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



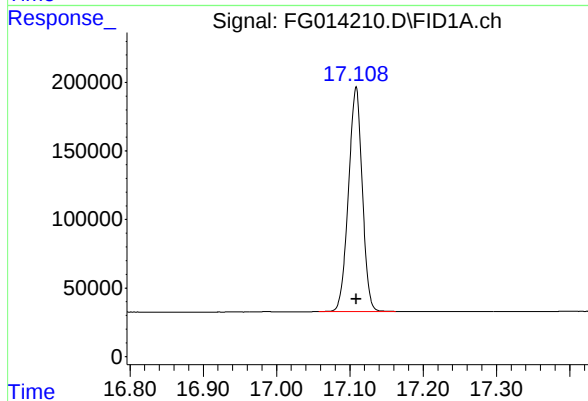
#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: 0.000 min
Response: 2236951
Conc: 18.79 ug/ml



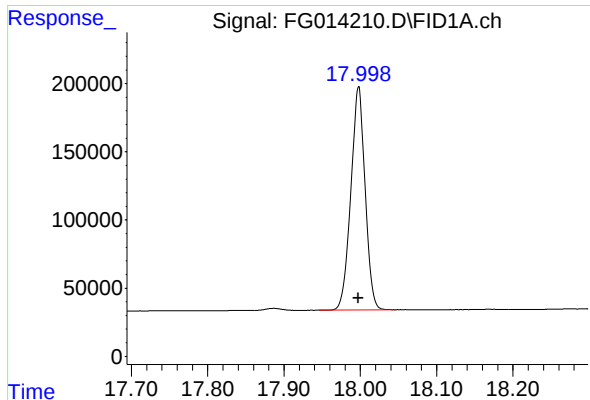
#15 n-Hexacosane (C26)

R.T.: 16.155 min
Delta R.T.: -0.002 min
Response: 2199544
Conc: 18.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: 0.000 min
Response: 2141050
Conc: 18.83 ug/ml



#17 n-Tricontane (C30)

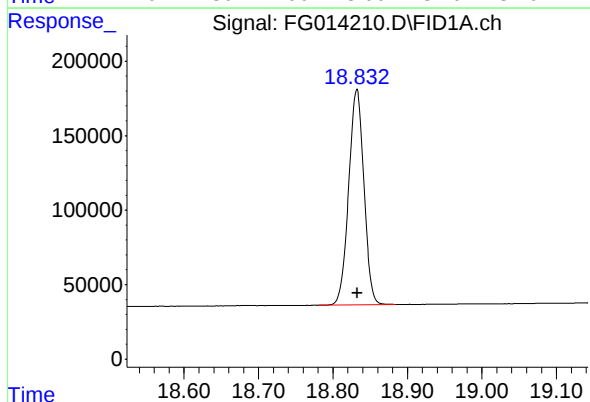
R.T.: 17.998 min
Delta R.T.: 0.000 min
Response: 2147757
Conc: 18.60 ug/ml

Instrument :

FID_G

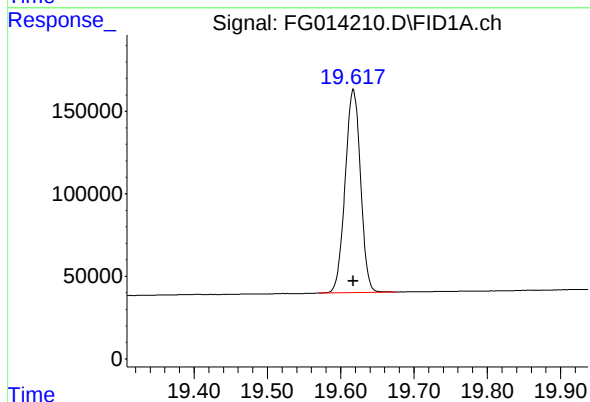
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



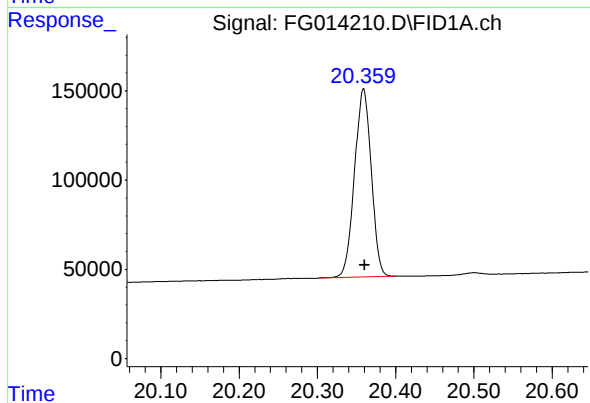
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: 0.000 min
Response: 2053287
Conc: 18.46 ug/ml



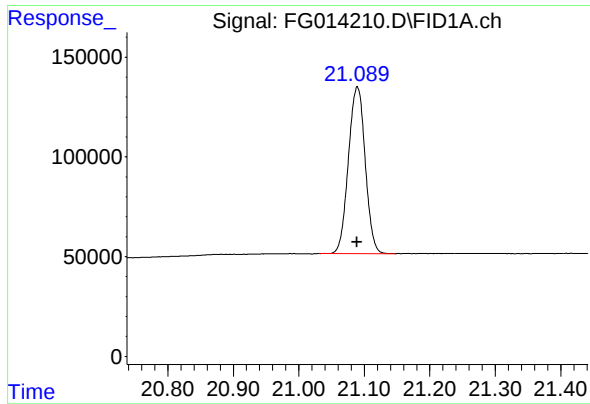
#19 n-Tetatriacontane (C34)

R.T.: 19.617 min
Delta R.T.: 0.000 min
Response: 1798241
Conc: 18.44 ug/ml



#20 n-Hexatriacontane (C36)

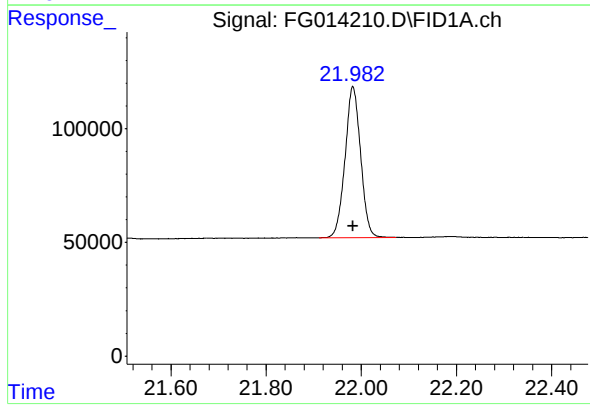
R.T.: 20.359 min
Delta R.T.: -0.001 min
Response: 1568732
Conc: 17.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.089 min
Delta R.T.: 0.000 min
Response: 1489900
Conc: 18.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.982 min
Delta R.T.: 0.000 min
Response: 1504948
Conc: 18.49 ug/ml