

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110723AL\
 Data File : FG013160.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2023 22:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD CCC
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD CCC

Integration File: autoint1.e
 Quant Time: Nov 08 03:49:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 110723.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 03:46:02 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)	11.986	3055320	20.678 ug/ml
Spiked Amount 50.000		Recovery =	41.36%
12) S 1-chlorooctadecane (S...	13.426	2299253	20.694 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
Target Compounds			
1) T n-Nonane (C9)	3.341	2574233	20.330 ug/ml
2) T n-Decane (C10)	4.594	2640727	20.442 ug/ml
3) T A~Naphthalene (C11.7)	6.307	2793521	20.513 ug/ml
4) T n-Dodecane (C12)	6.768	2661131	20.530 ug/ml
5) T A~2-methylnaphthalene...	7.406	2728138	20.643 ug/ml
6) T n-Tetradecane (C14)	8.603	2617130	20.581 ug/ml
7) T n-Hexadecane (C16)	10.216	2654991	20.626 ug/ml
8) T n-Octadecane (C18)	11.665	2649089	20.592 ug/ml
10) T n-Eicosane (C20)	12.978	2561321	20.470 ug/ml
11) T n-Heneicosane (C21)	13.593	2516006	20.590 ug/ml
13) T n-Docosane (C22)	14.181	2505214	20.146 ug/ml
14) T n-Tetracosane (C24)	15.288	2545972	19.327 ug/ml
15) T n-Hexacosane (C26)	16.311	2467385	18.886 ug/ml
16) T n-Octacosane (C28)	17.263	2462121	18.499 ug/ml
17) T n-Tricontane (C30)	18.153	2551705	18.510 ug/ml
18) T n-Dotriacontane (C32)	18.987	2564880	19.019 ug/ml
19) T n-Tetratriacontane (C34)	19.772	2464702	19.976 ug/ml
20) T n-Hexatriacontane (C36)	20.512	2431762	20.298 ug/ml
21) T n-Octatriacontane (C38)	21.269	2461674	20.555 ug/ml
22) T n-Tetracontane (C40)	22.221	2509703	20.584 ug/ml

(f)=RT Delta > 1/2 Window

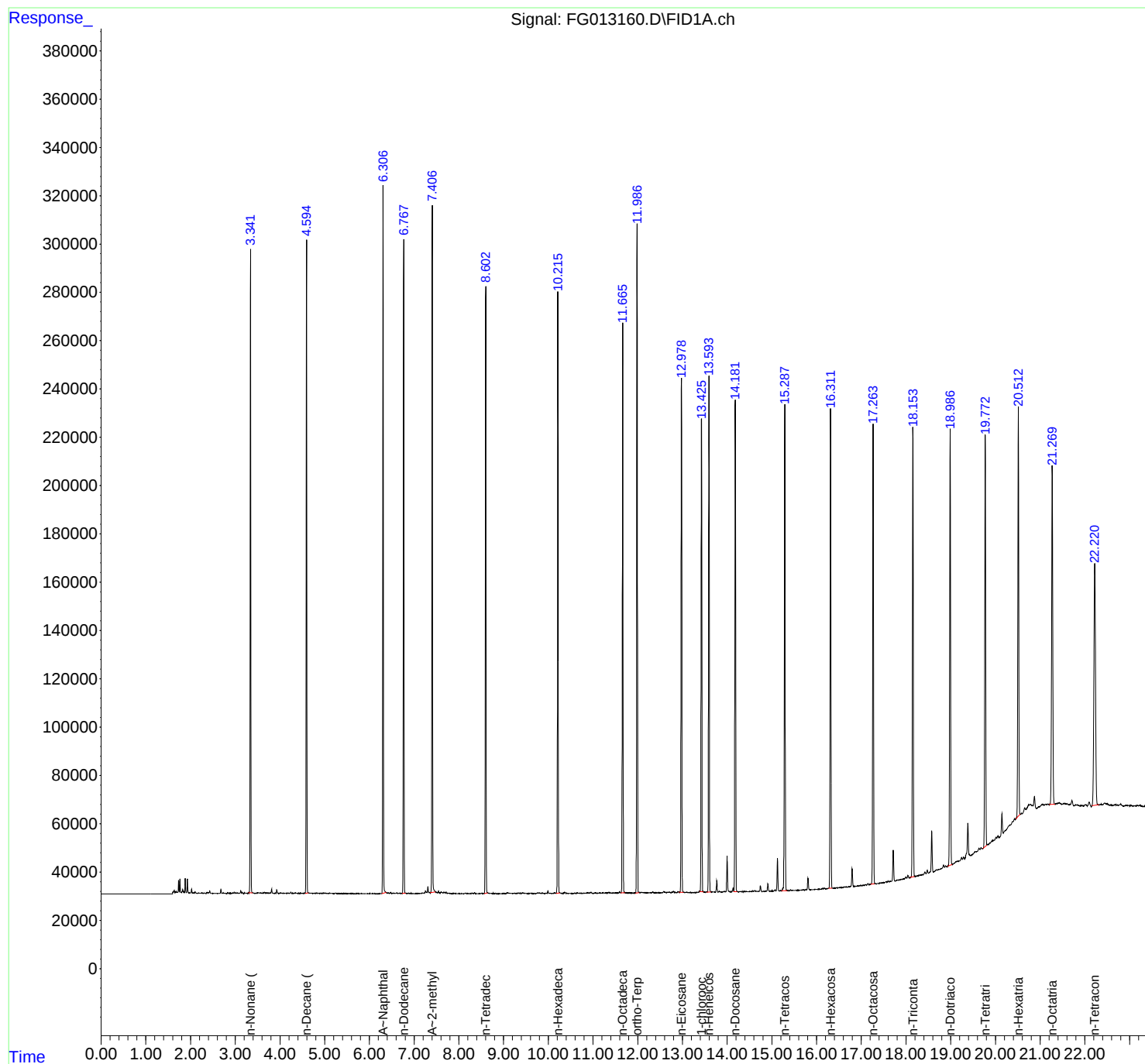
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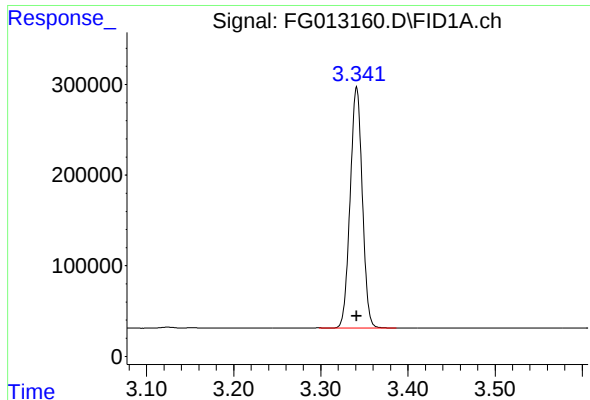
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#1 n-Nonane (C9)

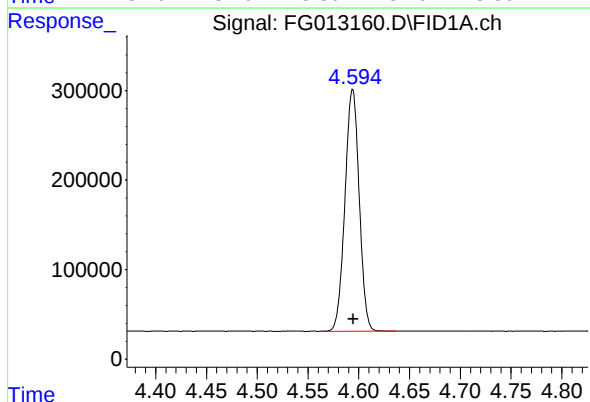
R.T.: 3.341 min
Delta R.T.: 0.000 min
Response: 2574233
Conc: 20.33 ug/ml

Instrument :

FID_G

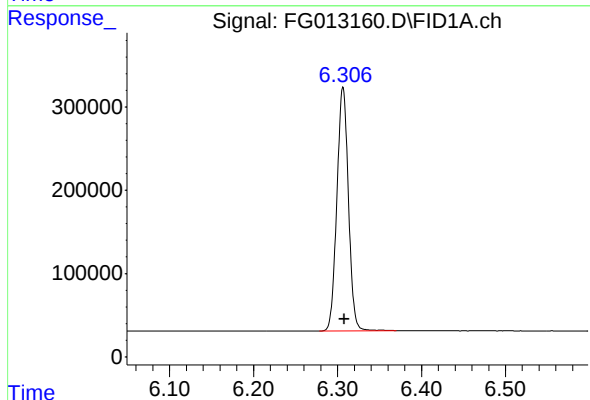
ClientSampleId :

20 PPM ALIPHATIC HC STD CCC



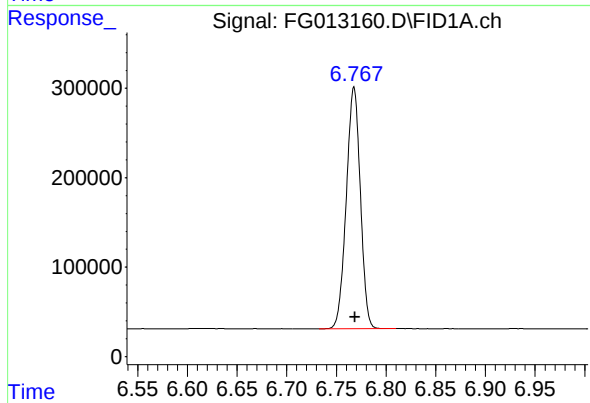
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 2640727
Conc: 20.44 ug/ml



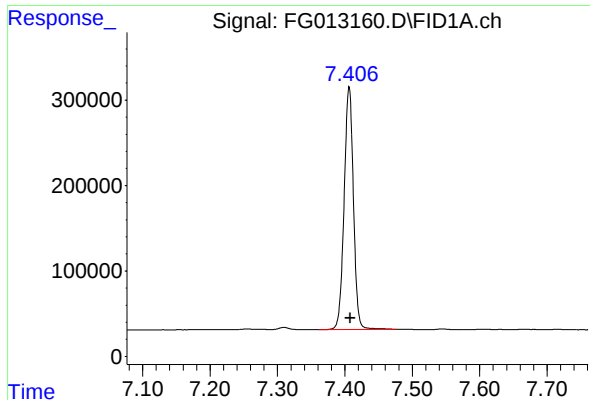
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: -0.002 min
Response: 2793521
Conc: 20.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 2661131
Conc: 20.53 ug/ml



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

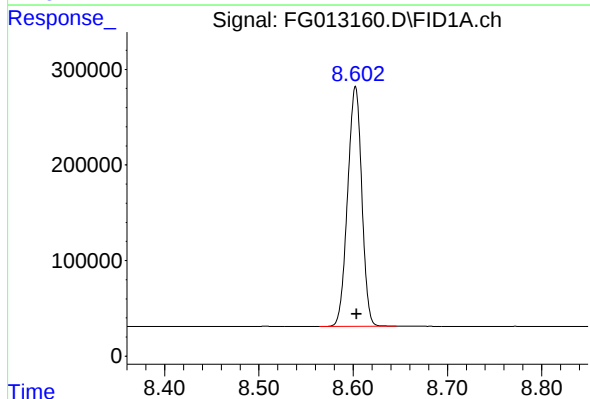
R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 2728138
Conc: 20.64 ug/ml

Instrument :

FID_G

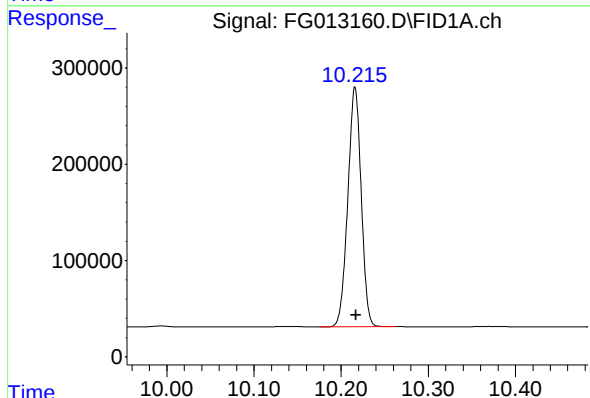
ClientSampleId :

20 PPM ALIPHATIC HC STD CCC



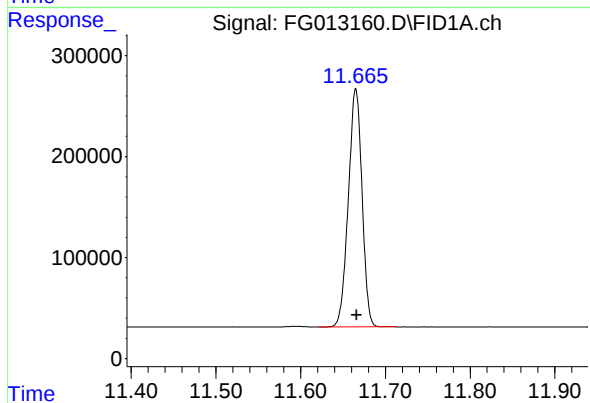
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: -0.001 min
Response: 2617130
Conc: 20.58 ug/ml



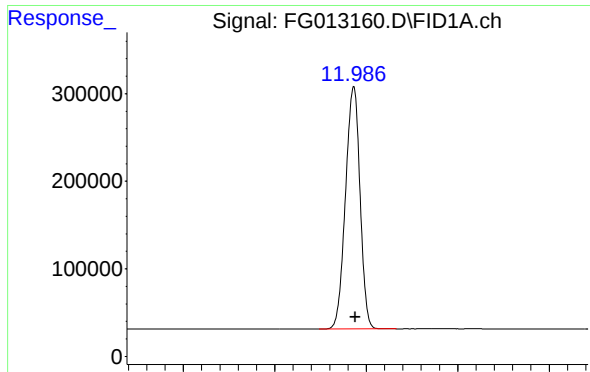
#7 n-Hexadecane (C16)

R.T.: 10.216 min
Delta R.T.: -0.001 min
Response: 2654991
Conc: 20.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.665 min
Delta R.T.: 0.000 min
Response: 2649089
Conc: 20.59 ug/ml



#9 ortho-Terphenyl (SURR)

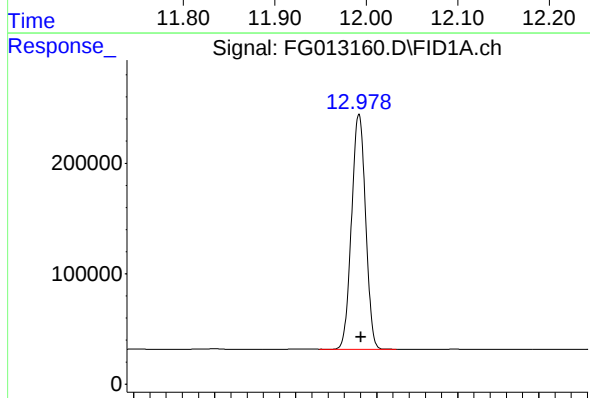
R.T.: 11.986 min
Delta R.T.: -0.002 min
Response: 3055320
Conc: 20.68 ug/ml

Instrument :

FID_G

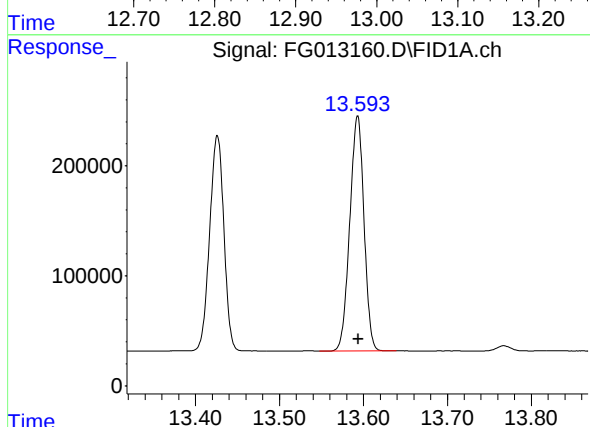
ClientSampleId :

20 PPM ALIPHATIC HC STD CCC



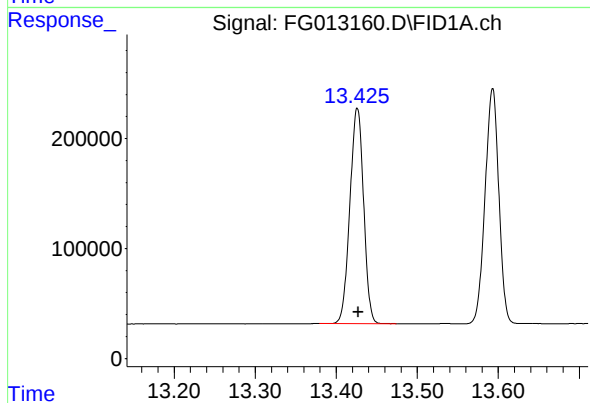
#10 n-Eicosane (C20)

R.T.: 12.978 min
Delta R.T.: -0.002 min
Response: 2561321
Conc: 20.47 ug/ml



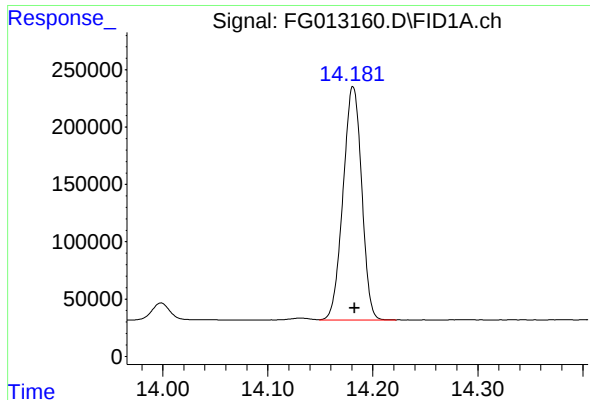
#11 n-Heneicosane (C21)

R.T.: 13.593 min
Delta R.T.: 0.000 min
Response: 2516006
Conc: 20.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.426 min
Delta R.T.: -0.001 min
Response: 2299253
Conc: 20.69 ug/ml



#13 n-Docosane (C22)

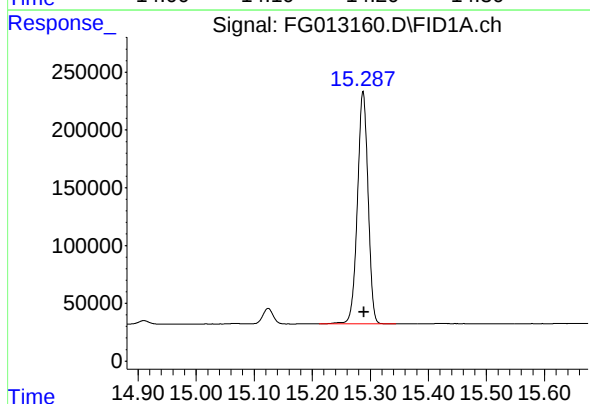
R.T.: 14.181 min
Delta R.T.: -0.001 min
Response: 2505214
Conc: 20.15 ug/ml

Instrument :

FID_G

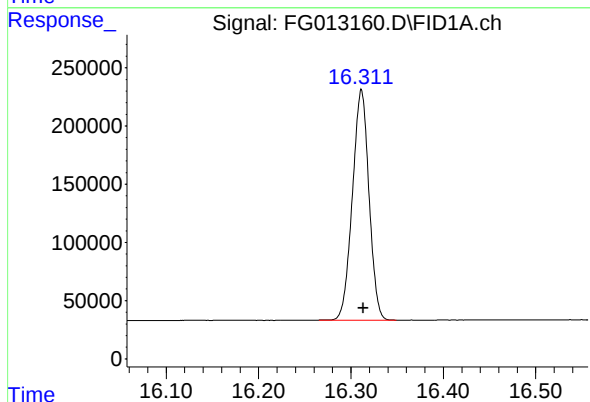
ClientSampleId :

20 PPM ALIPHATIC HC STD CCC



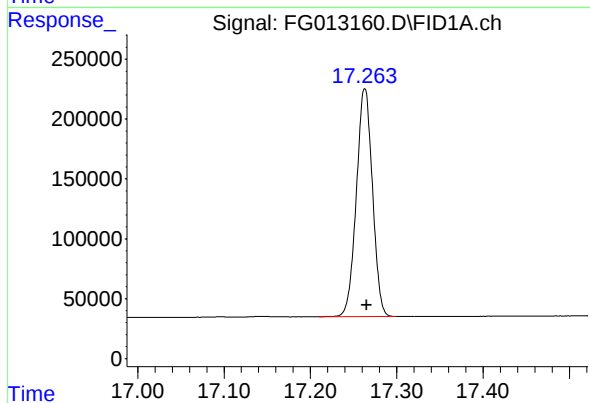
#14 n-Tetracosane (C24)

R.T.: 15.288 min
Delta R.T.: -0.001 min
Response: 2545972
Conc: 19.33 ug/ml



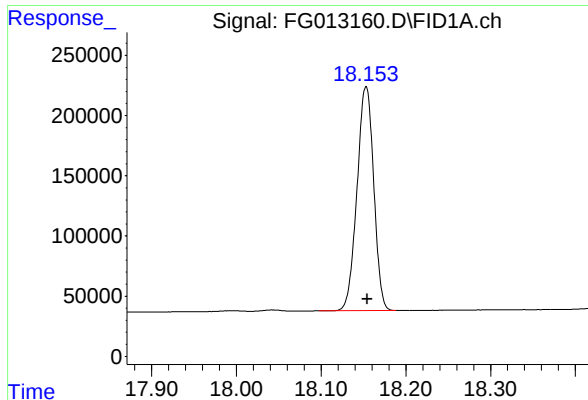
#15 n-Hexacosane (C26)

R.T.: 16.311 min
Delta R.T.: -0.002 min
Response: 2467385
Conc: 18.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.263 min
Delta R.T.: -0.002 min
Response: 2462121
Conc: 18.50 ug/ml



#17 n-Tricontane (C30)

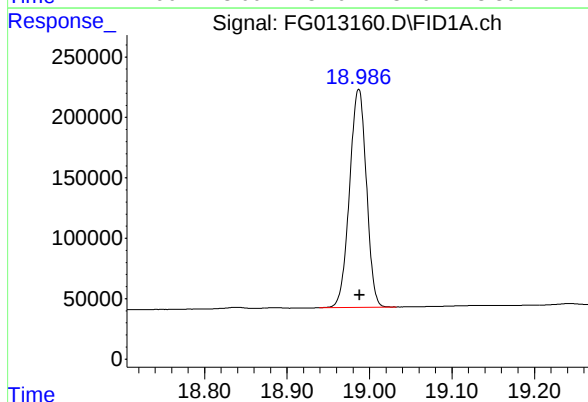
R.T.: 18.153 min
Delta R.T.: -0.002 min
Response: 2551705
Conc: 18.51 ug/ml

Instrument :

FID_G

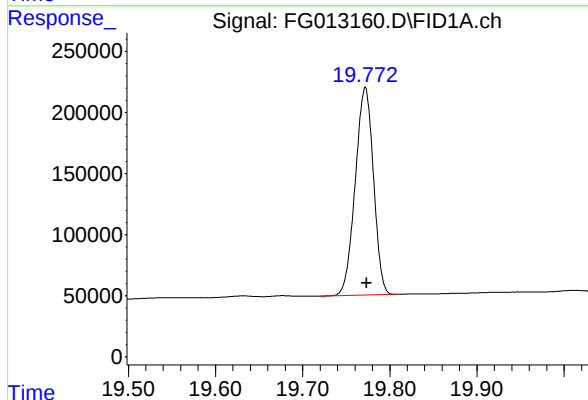
ClientSampleId :

20 PPM ALIPHATIC HC STD CCC



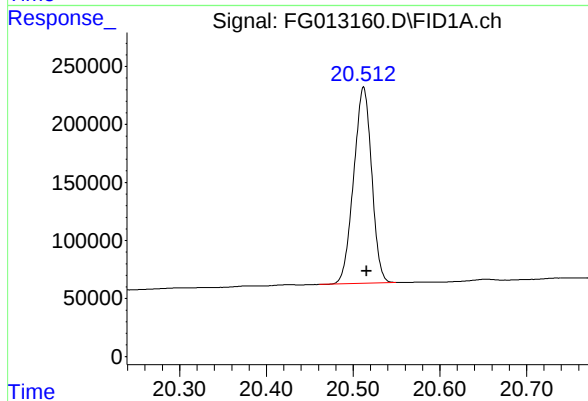
#18 n-Dotriacontane (C32)

R.T.: 18.987 min
Delta R.T.: -0.001 min
Response: 2564880
Conc: 19.02 ug/ml



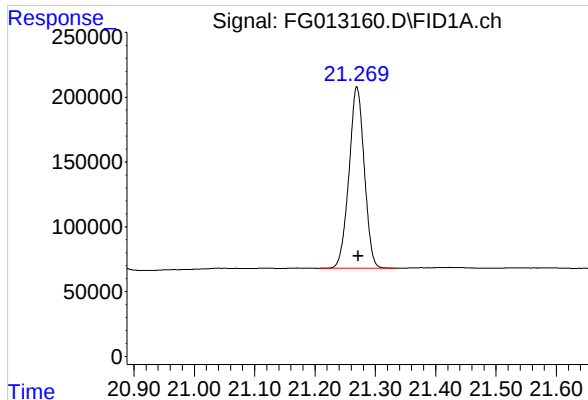
#19 n-Tetatriacontane (C34)

R.T.: 19.772 min
Delta R.T.: -0.002 min
Response: 2464702
Conc: 19.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.512 min
Delta R.T.: -0.003 min
Response: 2431762
Conc: 20.30 ug/ml



#21 n-Octatriacontane (C38)

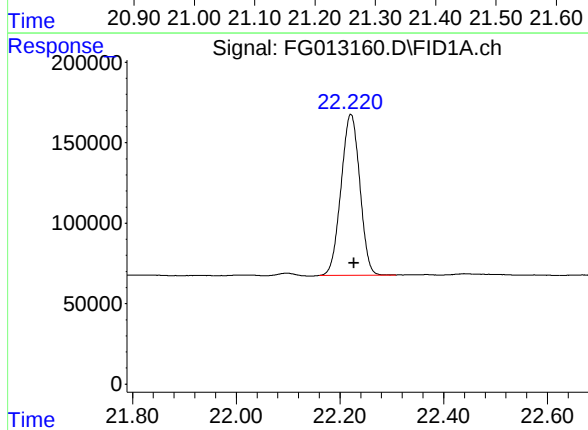
R.T.: 21.269 min
Delta R.T.: -0.003 min
Response: 2461674
Conc: 20.56 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM ALIPHATIC HC STD CCC



#22 n-Tetracontane (C40)

R.T.: 22.221 min
Delta R.T.: -0.006 min
Response: 2509703
Conc: 20.58 ug/ml