

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG093024AL\
 Data File : FG014361.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2024 20:44
 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: Oct 01 09:48:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:55:30 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)	11.808	2558199	18.627 ug/ml
Spiked Amount 50.000		Recovery =	37.25%
12) S 1-chlorooctadecane (S...	13.255	1879812	18.971 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T n-Nonane (C9)	3.189	2318857	18.594 ug/ml
2) T n-Decane (C10)	4.439	2353079	18.567 ug/ml
3) T A~Naphthalene (C11.7)	6.138	2318857	18.793 ug/ml
4) T n-Dodecane (C12)	6.610	2332752	18.651 ug/ml
5) T A~2-methylnaphthalene...	7.237	2023228	18.077 ug/ml
6) T n-Tetradecane (C14)	8.441	2294960	19.276 ug/ml
7) T n-Hexadecane (C16)	10.053	2372049	18.841 ug/ml
8) T n-Octadecane (C18)	11.499	2436951	18.860 ug/ml
10) T n-Eicosane (C20)	12.811	2338423	18.866 ug/ml
11) T n-Heneicosane (C21)	13.425	2281931	18.786 ug/ml
13) T n-Docosane (C22)	14.013	2318864	19.260 ug/ml
14) T n-Tetracosane (C24)	15.118	2392649	19.868 ug/ml
15) T n-Hexacosane (C26)	16.142	2405491	20.405 ug/ml
16) T n-Octacosane (C28)	17.094	2418773	20.801 ug/ml
17) T n-Tricontane (C30)	17.984	2459037	20.583 ug/ml
18) T n-Dotriacontane (C32)	18.818	2364657	20.484 ug/ml
19) T n-Tetratriacontane (C34)	19.603	1946481	19.477 ug/ml
20) T n-Hexatriacontane (C36)	20.346	1637145	18.843 ug/ml
21) T n-Octatriacontane (C38)	21.073	1443760	19.002 ug/ml
22) T n-Tetracontane (C40)	21.963	1265434	19.115 ug/ml

(f)=RT Delta > 1/2 Window

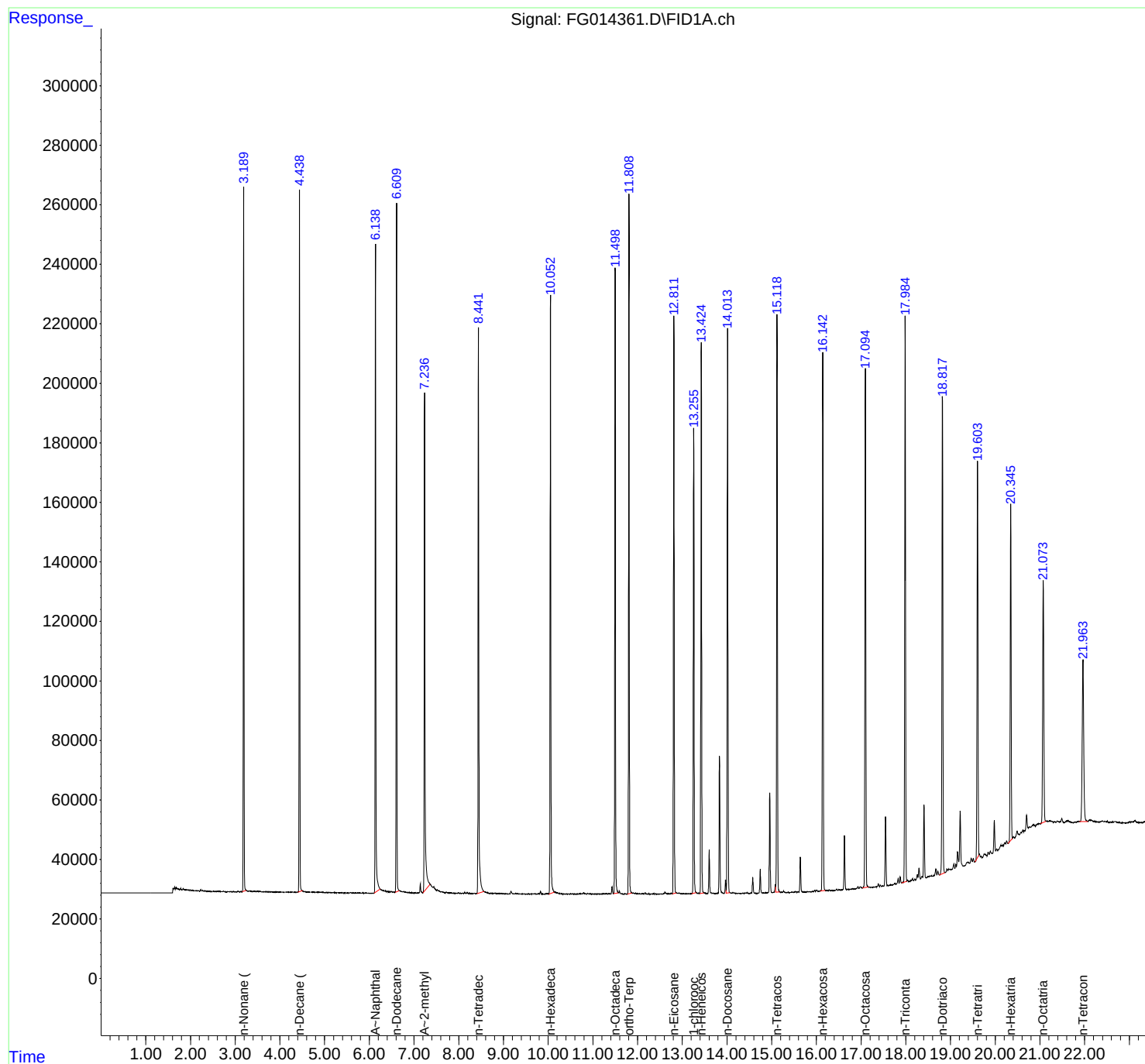
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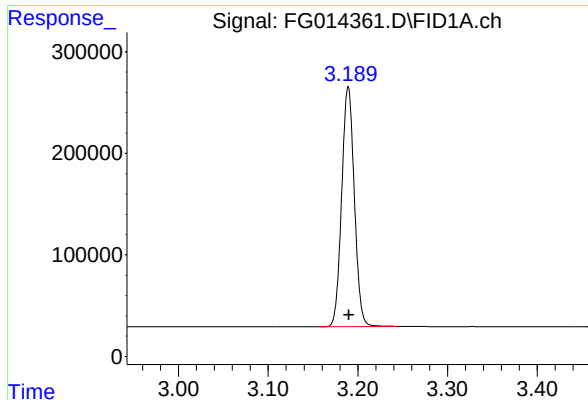
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#1 n-Nonane (C9)

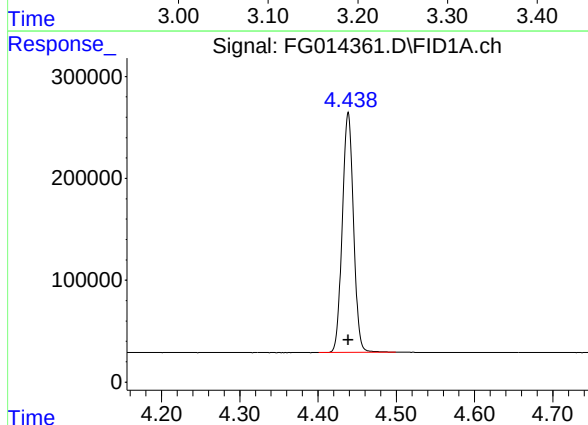
R.T.: 3.189 min
Delta R.T.: 0.000 min
Response: 2318857
Conc: 18.59 ug/ml

Instrument :

FID_G

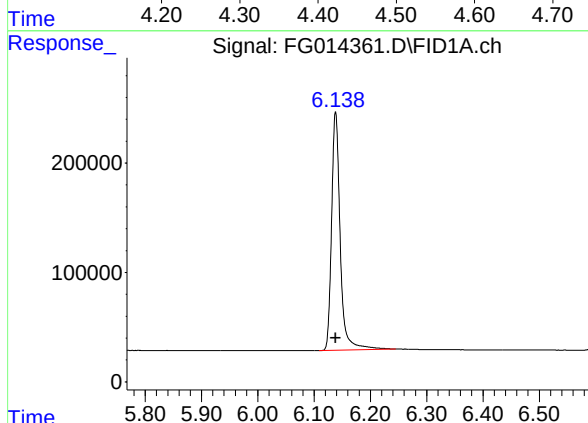
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



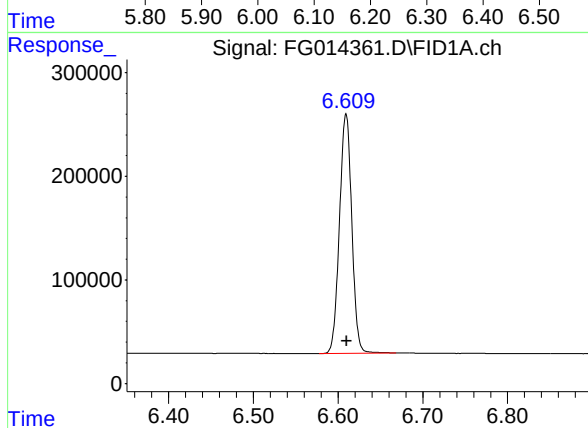
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 2353079
Conc: 18.57 ug/ml



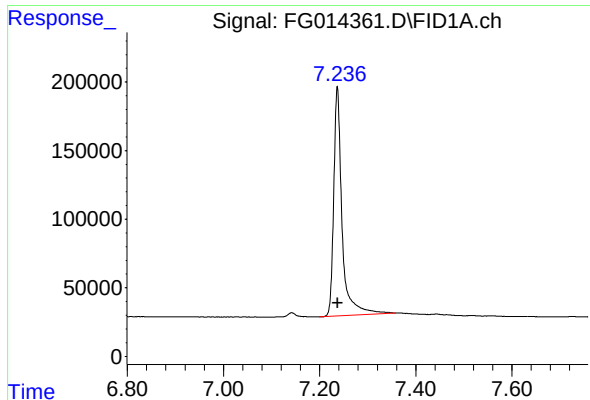
#3 A~Naphthalene (C11.7)

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 2318857
Conc: 18.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 2332752
Conc: 18.65 ug/ml



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

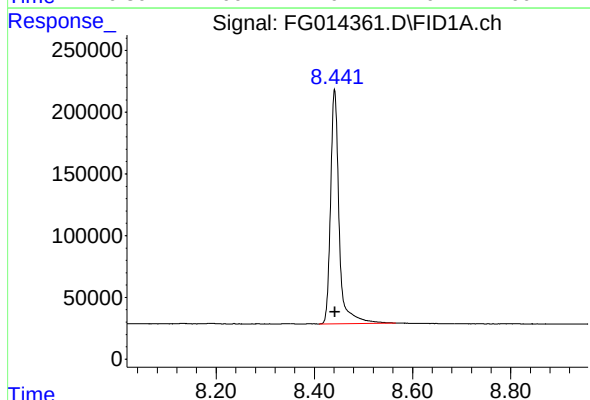
R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 2023228
Conc: 18.08 ug/ml

Instrument :

FID_G

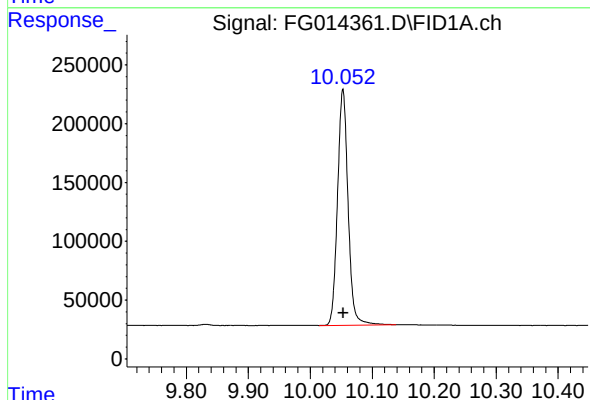
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



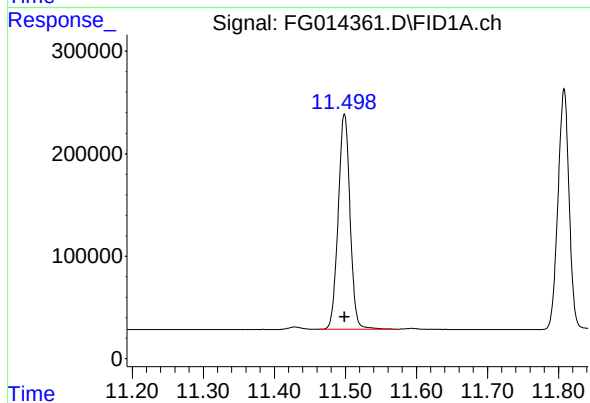
#6 n-Tetradecane (C14)

R.T.: 8.441 min
Delta R.T.: 0.000 min
Response: 2294960
Conc: 19.28 ug/ml



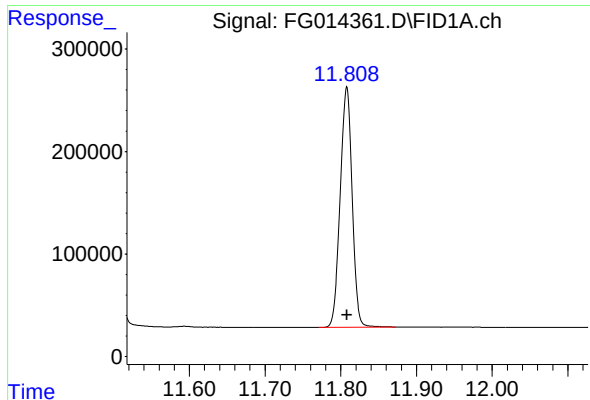
#7 n-Hexadecane (C16)

R.T.: 10.053 min
Delta R.T.: 0.000 min
Response: 2372049
Conc: 18.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.499 min
Delta R.T.: 0.000 min
Response: 2436951
Conc: 18.86 ug/ml



#9 ortho-Terphenyl (SURR)

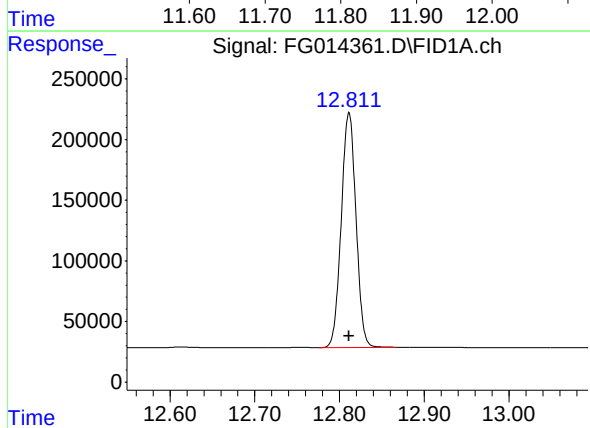
R.T.: 11.808 min
Delta R.T.: 0.000 min
Response: 2558199
Conc: 18.63 ug/ml

Instrument :

FID_G

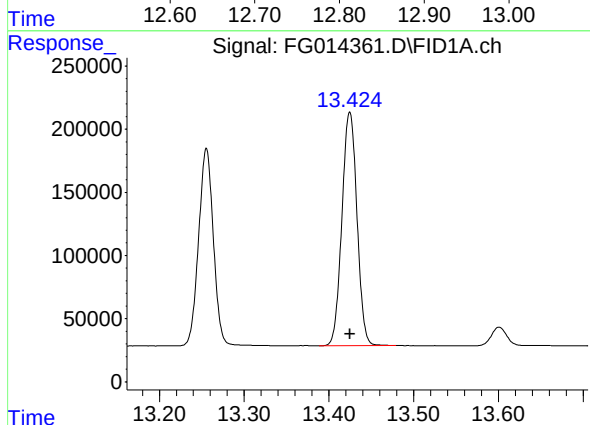
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



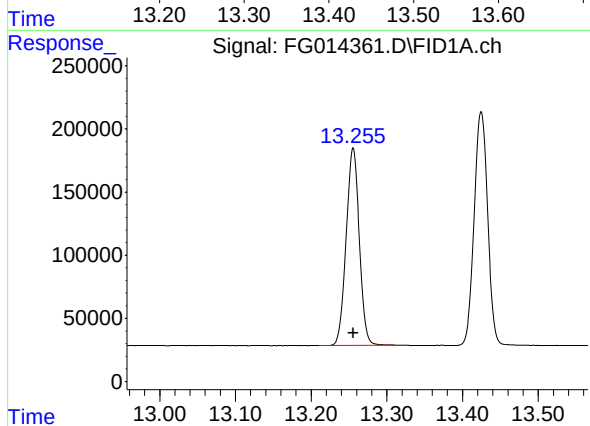
#10 n-Eicosane (C20)

R.T.: 12.811 min
Delta R.T.: 0.000 min
Response: 2338423
Conc: 18.87 ug/ml



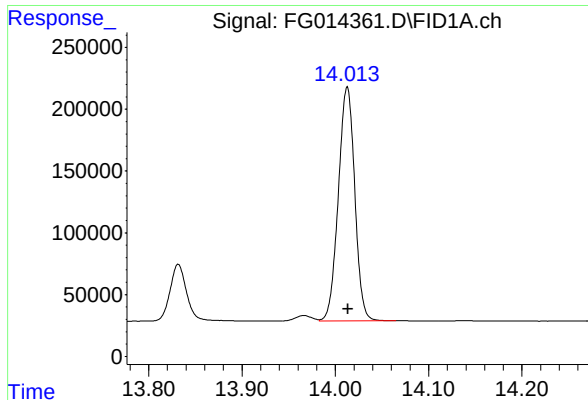
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: 0.000 min
Response: 2281931
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.255 min
Delta R.T.: 0.000 min
Response: 1879812
Conc: 18.97 ug/ml



#13 n-Docosane (C22)

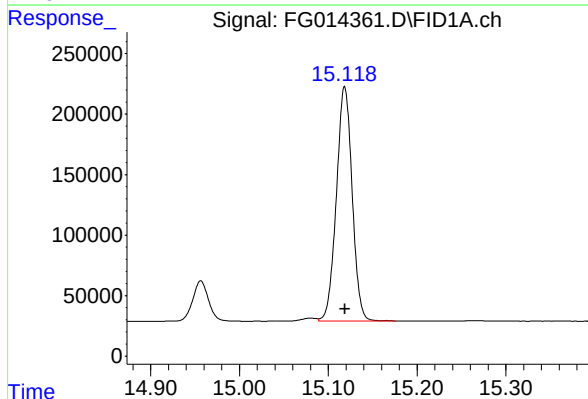
R.T.: 14.013 min
Delta R.T.: 0.000 min
Response: 2318864
Conc: 19.26 ug/ml

Instrument :

FID_G

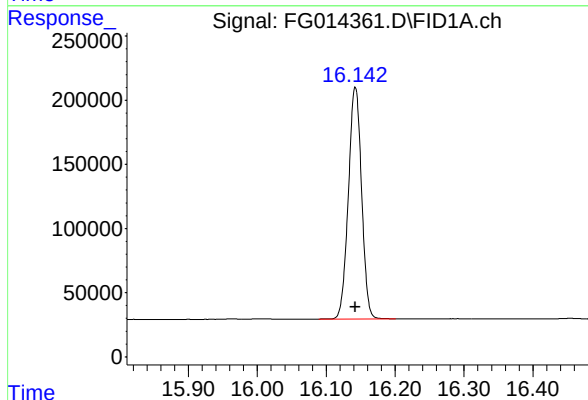
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



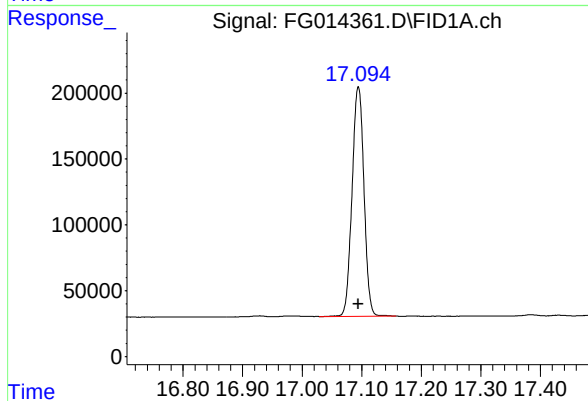
#14 n-Tetracosane (C24)

R.T.: 15.118 min
Delta R.T.: 0.000 min
Response: 2392649
Conc: 19.87 ug/ml



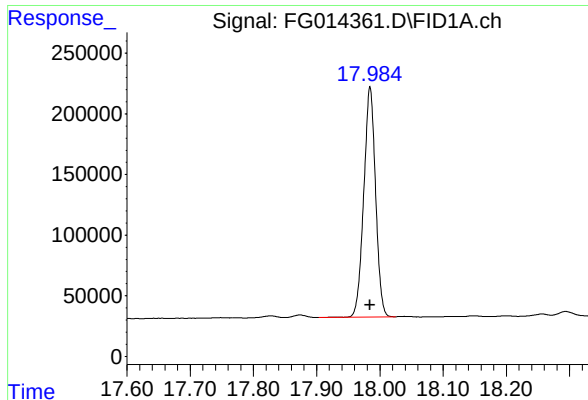
#15 n-Hexacosane (C26)

R.T.: 16.142 min
Delta R.T.: 0.000 min
Response: 2405491
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.094 min
Delta R.T.: 0.000 min
Response: 2418773
Conc: 20.80 ug/ml



#17 n-Tricontane (C30)

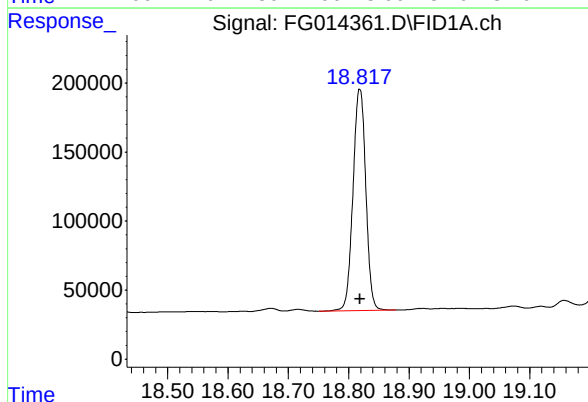
R.T.: 17.984 min
Delta R.T.: 0.000 min
Response: 2459037
Conc: 20.58 ug/ml

Instrument :

FID_G

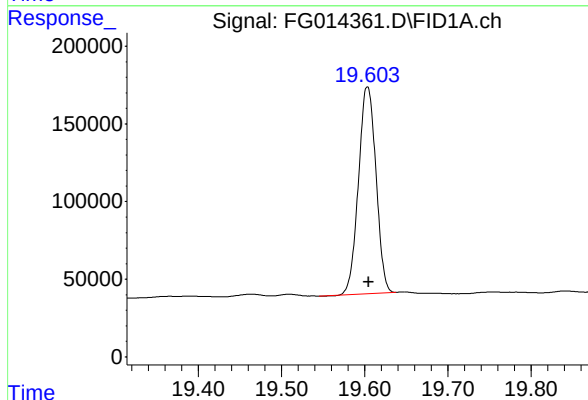
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



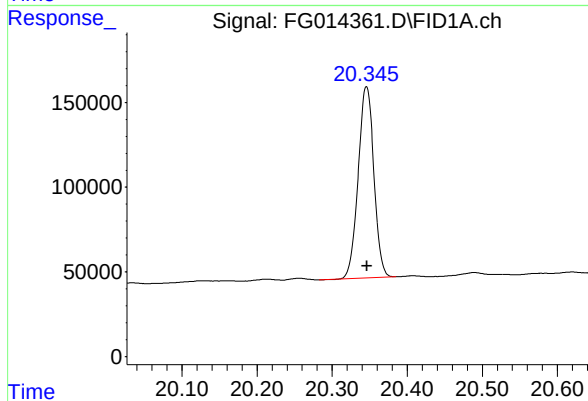
#18 n-Dotriacontane (C32)

R.T.: 18.818 min
Delta R.T.: 0.000 min
Response: 2364657
Conc: 20.48 ug/ml



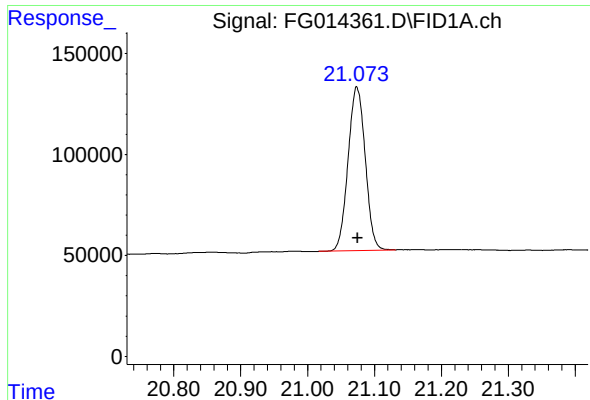
#19 n-Tetatriacontane (C34)

R.T.: 19.603 min
Delta R.T.: -0.002 min
Response: 1946481
Conc: 19.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.346 min
Delta R.T.: 0.000 min
Response: 1637145
Conc: 18.84 ug/ml



#21 n-Octatriacontane (C38)

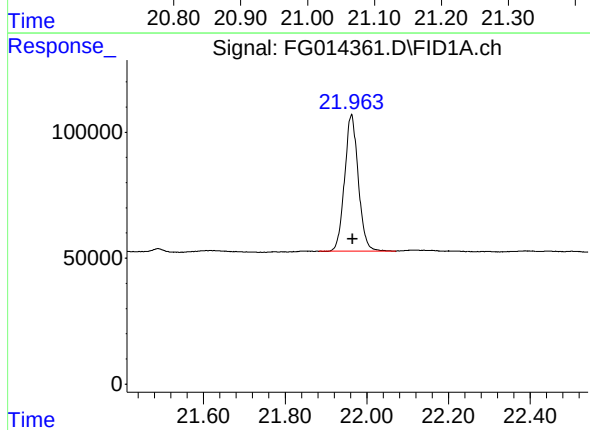
R.T.: 21.073 min
Delta R.T.: -0.002 min
Response: 1443760
Conc: 19.00 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.963 min
Delta R.T.: -0.003 min
Response: 1265434
Conc: 19.11 ug/ml