

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AL\
 Data File : FG014786.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 16:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Nov 14 16:59:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 16:33:02 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)	11.946	2955748	20.031 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
12) S 1-chlorooctadecane (S...	13.386	2232608	20.090 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T n-Nonane (C9)	3.321	2698835	19.878 ug/ml
2) T n-Decane (C10)	4.571	2778669	20.038 ug/ml
3) T A~Naphthalene (C11.7)	6.274	2957643	19.936 ug/ml
4) T n-Dodecane (C12)	6.740	2805464	20.016 ug/ml
5) T A~2-methylnaphthalene...	7.371	2848929	19.958 ug/ml
6) T n-Tetradecane (C14)	8.572	2776560	20.027 ug/ml
7) T n-Hexadecane (C16)	10.182	2839858	20.043 ug/ml
8) T n-Octadecane (C18)	11.629	2825604	20.075 ug/ml
10) T n-Eicosane (C20)	12.942	2672790	20.144 ug/ml
11) T n-Heneicosane (C21)	13.554	2608049	20.090 ug/ml
13) T n-Docosane (C22)	14.141	2588986	20.305 ug/ml
14) T n-Tetracosane (C24)	15.245	2588683	20.714 ug/ml
15) T n-Hexacosane (C26)	16.266	2535077	20.837 ug/ml
16) T n-Octacosane (C28)	17.217	2535934	21.137 ug/ml
17) T n-Tricontane (C30)	18.106	2683094	21.397 ug/ml
18) T n-Dotriacontane (C32)	18.938	2651917	21.292 ug/ml
19) T n-Tetratriacontane (C34)	19.723	2271212	21.026 ug/ml
20) T n-Hexatriacontane (C36)	20.463	1940132	20.957 ug/ml
21) T n-Octatriacontane (C38)	21.212	1805135	20.604 ug/ml
22) T n-Tetracontane (C40)	22.146	1706028	20.312 ug/ml

(f)=RT Delta > 1/2 Window

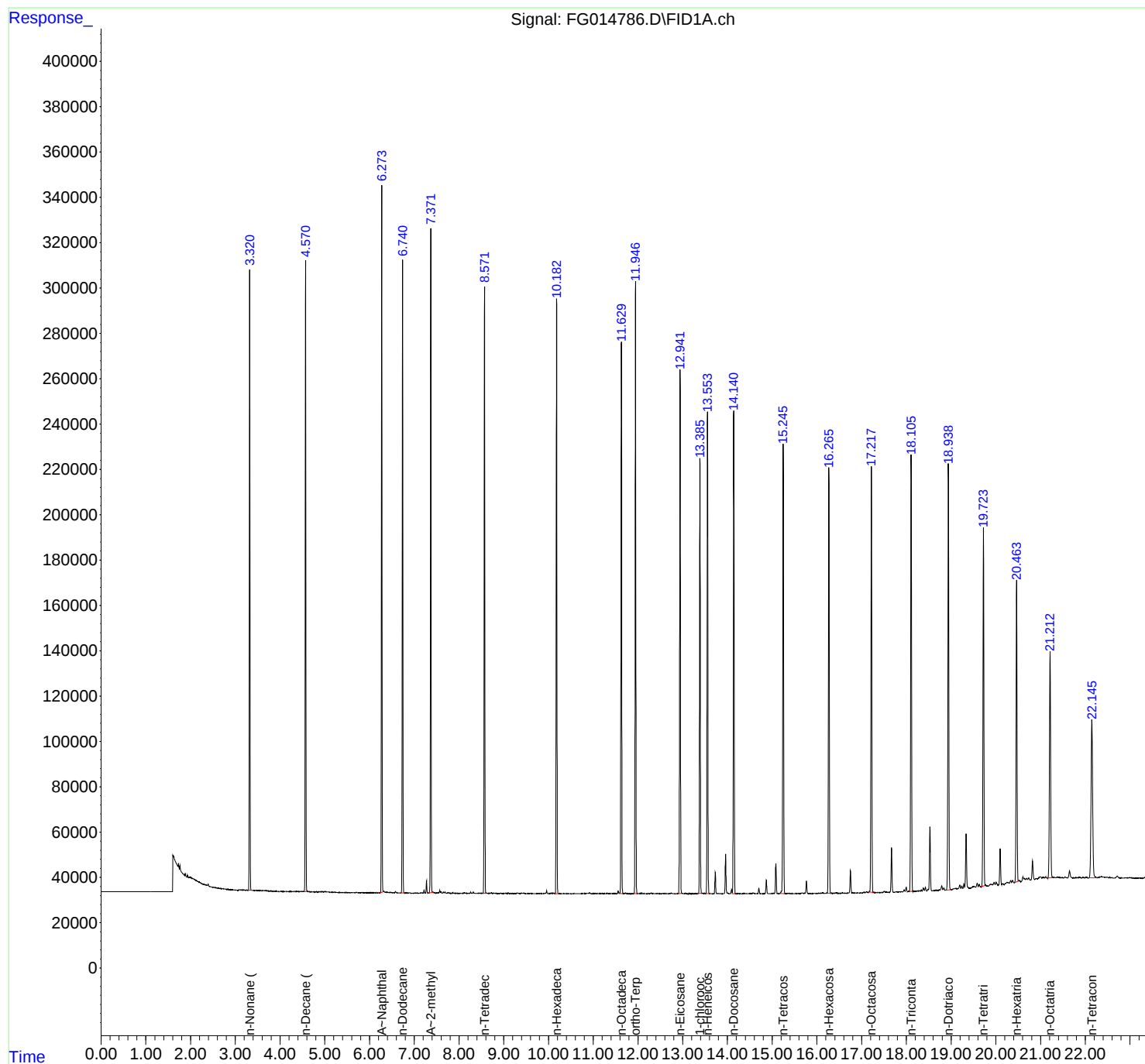
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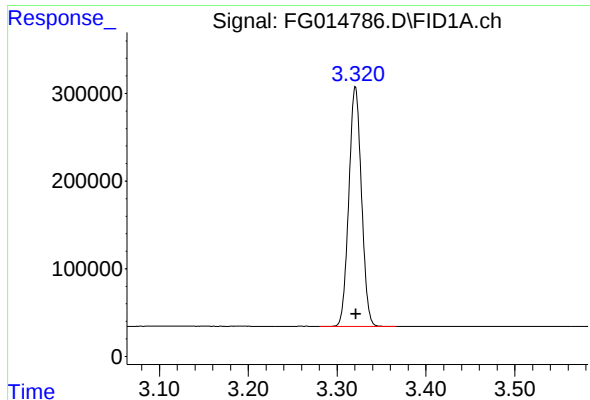
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#1 n-Nonane (C9)

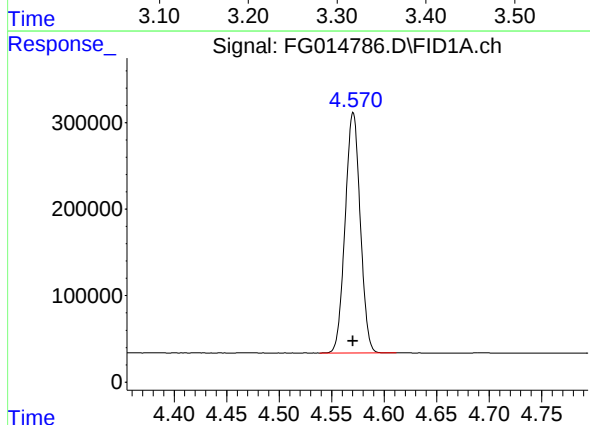
R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 2698835
Conc: 19.88 ug/ml

Instrument :

FID_G

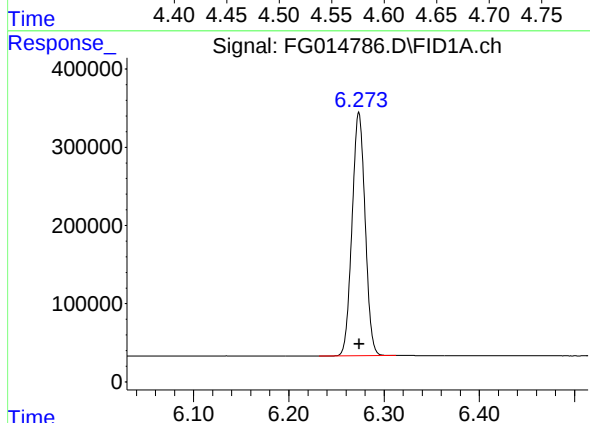
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



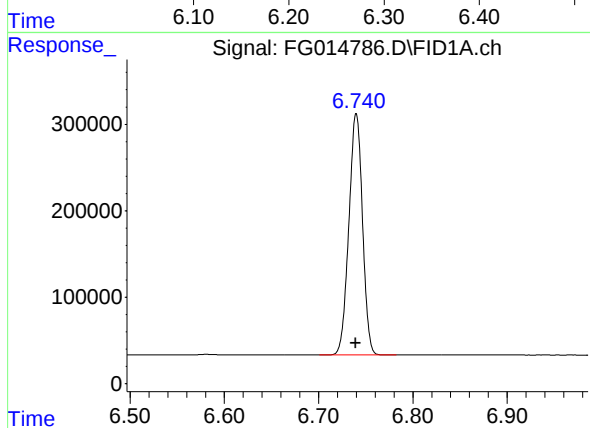
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 2778669
Conc: 20.04 ug/ml



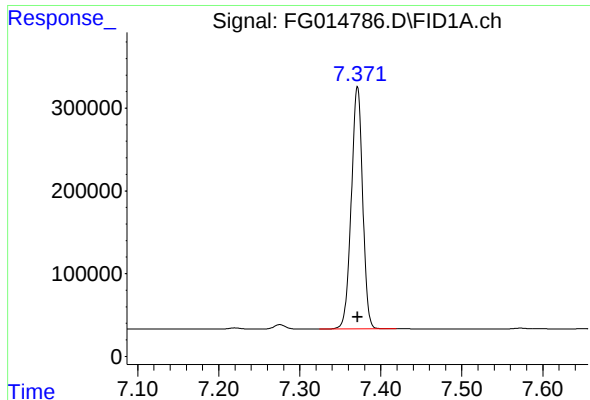
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 2957643
Conc: 19.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 2805464
Conc: 20.02 ug/ml



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

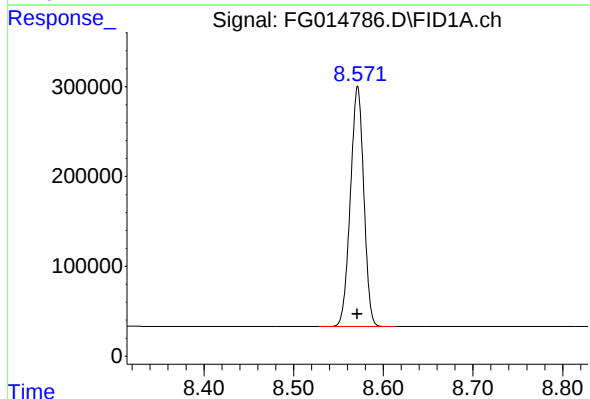
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 2848929
Conc: 19.96 ug/ml

Instrument :

FID_G

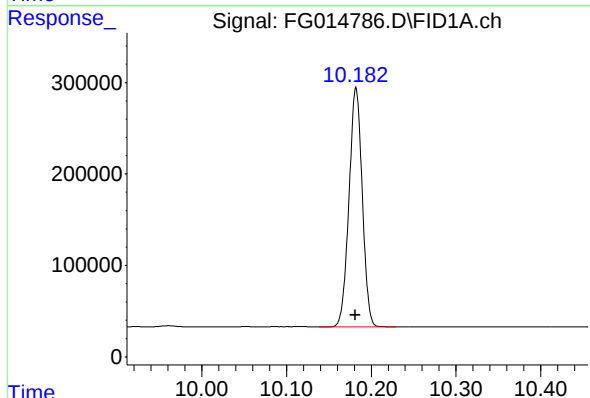
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



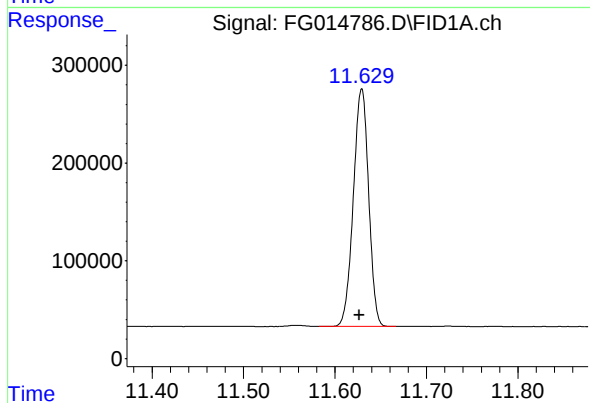
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 2776560
Conc: 20.03 ug/ml



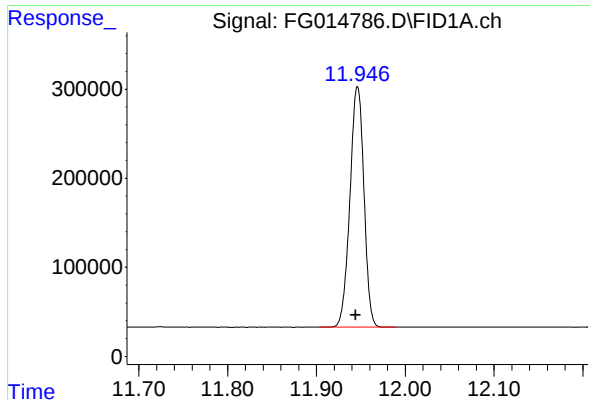
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: 0.000 min
Response: 2839858
Conc: 20.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.629 min
Delta R.T.: 0.003 min
Response: 2825604
Conc: 20.07 ug/ml



#9 ortho-Terphenyl (SURR)

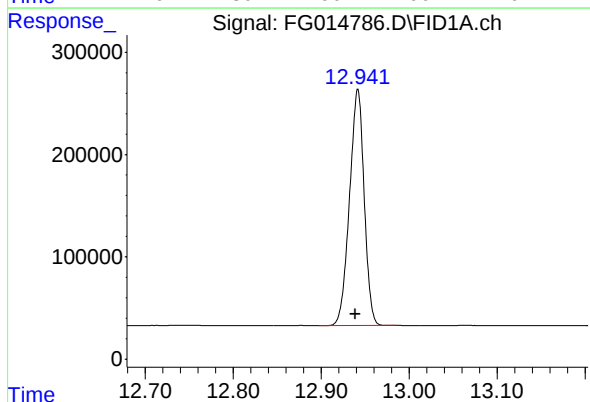
R.T.: 11.946 min
Delta R.T.: 0.002 min
Response: 2955748
Conc: 20.03 ug/ml

Instrument :

FID_G

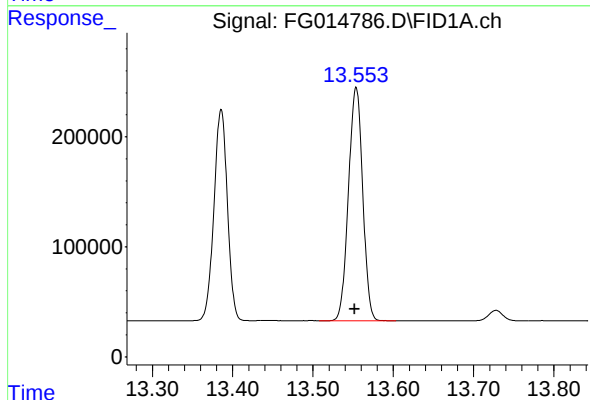
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



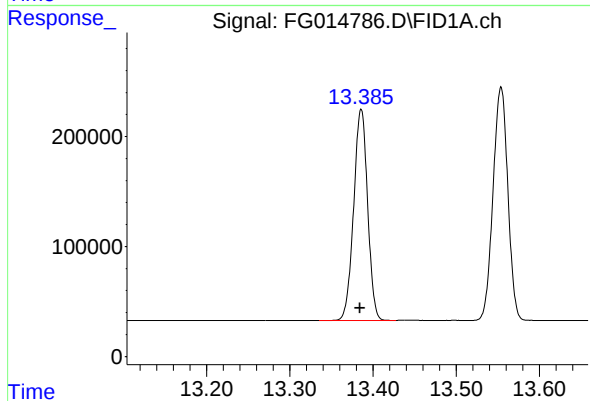
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.003 min
Response: 2672790
Conc: 20.14 ug/ml



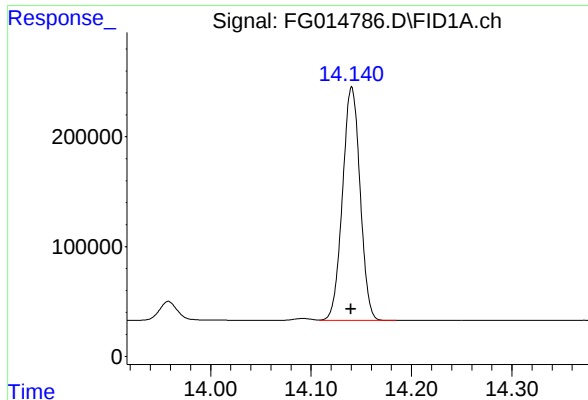
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.002 min
Response: 2608049
Conc: 20.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.386 min
Delta R.T.: 0.001 min
Response: 2232608
Conc: 20.09 ug/ml



#13 n-Docosane (C22)

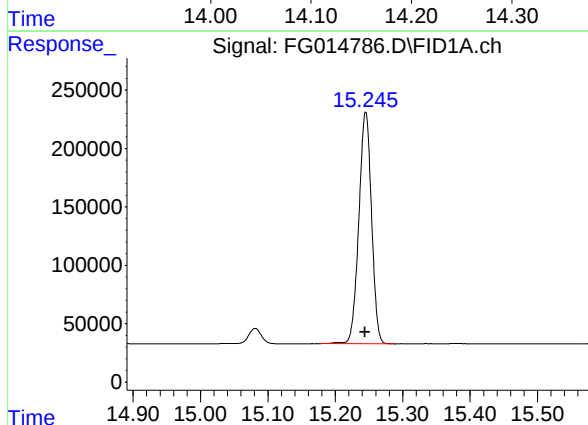
R.T.: 14.141 min
Delta R.T.: 0.000 min
Response: 2588986
Conc: 20.31 ug/ml

Instrument :

FID_G

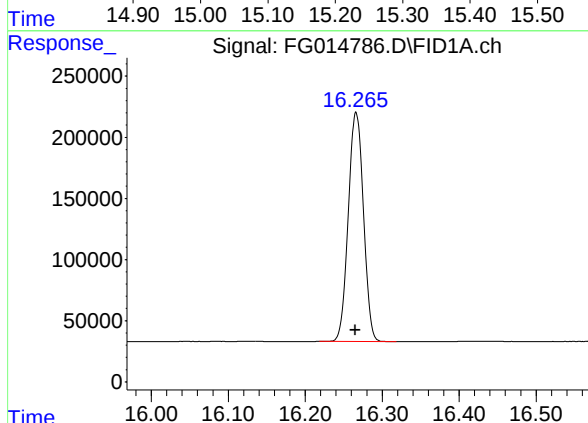
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



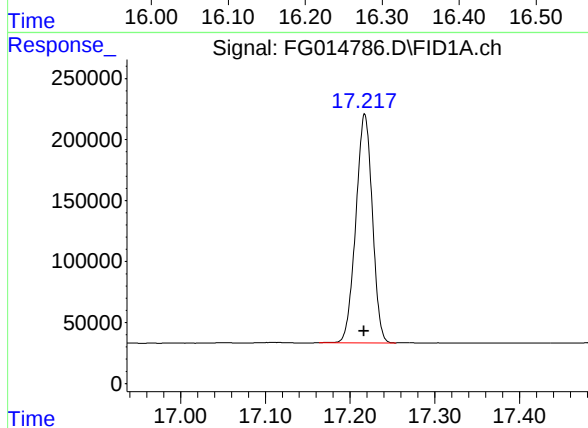
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: 0.001 min
Response: 2588683
Conc: 20.71 ug/ml



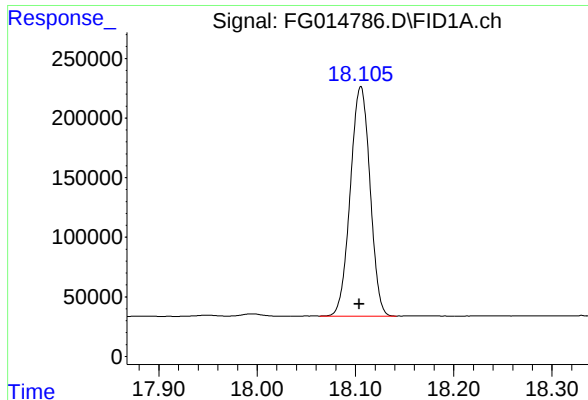
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: 0.000 min
Response: 2535077
Conc: 20.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: 0.001 min
Response: 2535934
Conc: 21.14 ug/ml



#17 n-Tricontane (C30)

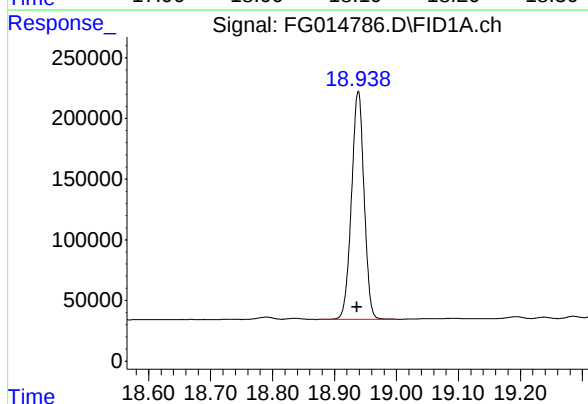
R.T.: 18.106 min
Delta R.T.: 0.001 min
Response: 2683094
Conc: 21.40 ug/ml

Instrument :

FID_G

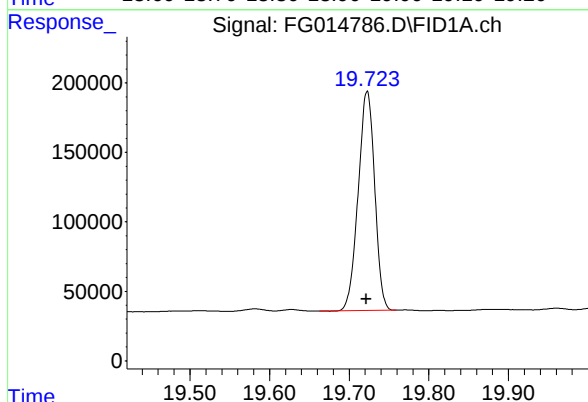
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



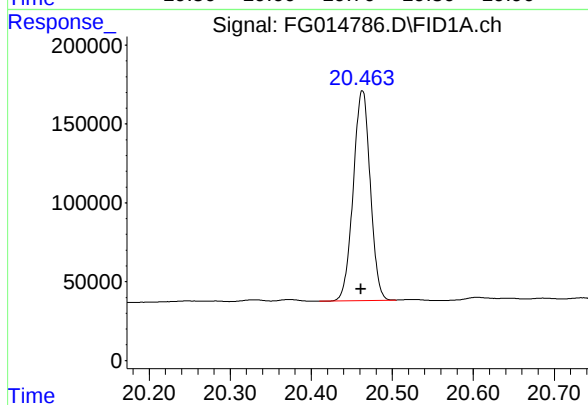
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: 0.002 min
Response: 2651917
Conc: 21.29 ug/ml



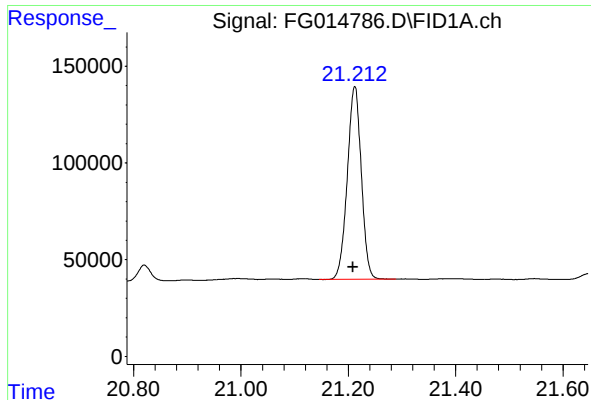
#19 n-Tetatriacontane (C34)

R.T.: 19.723 min
Delta R.T.: 0.000 min
Response: 2271212
Conc: 21.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: 0.002 min
Response: 1940132
Conc: 20.96 ug/ml



#21 n-Octatriacontane (C38)

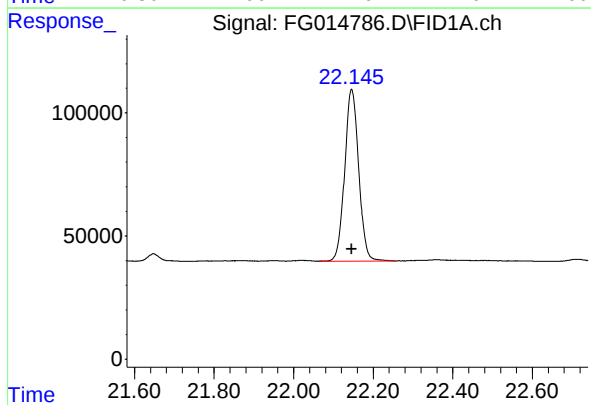
R.T.: 21.212 min
Delta R.T.: 0.003 min
Response: 1805135
Conc: 20.60 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: 0.000 min
Response: 1706028
Conc: 20.31 ug/ml