

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091124AL\
 Data File : FG014205.D
 Signal(s) : FID1A.ch
 Acq On : 10 Sep 2024 19:30
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 11 07:09:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 07:08:58 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)	11.833	12861833	98.757 ug/ml
Spiked Amount 50.000		Recovery =	197.51%
12) S 1-chlorooctadecane (S...	13.278	10027101	99.125 ug/ml
Spiked Amount 50.000		Recovery =	198.25%
Target Compounds			
1) T n-Nonane (C9)	3.205	11501058	98.737 ug/ml
2) T n-Decane (C10)	4.456	11716789	98.882 ug/ml
3) T A~Naphthalene (C11.7)	6.157	12482362	100.760 ug/ml
4) T n-Dodecane (C12)	6.629	11789899	99.636 ug/ml
5) T A~2-methylnaphthalene...	7.257	11973167	103.618 ug/ml
6) T n-Tetradecane (C14)	8.461	11692424	99.323 ug/ml
7) T n-Hexadecane (C16)	10.073	12028829	99.537 ug/ml
8) T n-Octadecane (C18)	11.521	12134449	99.000 ug/ml
10) T n-Eicosane (C20)	12.834	11663170	98.899 ug/ml
11) T n-Heneicosane (C21)	13.447	11466370	98.913 ug/ml
13) T n-Docosane (C22)	14.035	11389401	98.838 ug/ml
14) T n-Tetracosane (C24)	15.141	11289448	98.578 ug/ml
15) T n-Hexacosane (C26)	16.165	11047026	98.392 ug/ml
16) T n-Octacosane (C28)	17.117	10708645	98.039 ug/ml
17) T n-Tricontane (C30)	18.007	10657341	96.787 ug/ml
18) T n-Dotriacontane (C32)	18.842	10109523	95.964 ug/ml
19) T n-Tetratriacontane (C34)	19.626	8894246	95.839 ug/ml
20) T n-Hexatriacontane (C36)	20.367	7769055	91.672 ug/ml
21) T n-Octatriacontane (C38)	21.099	7473932	96.277 ug/ml
22) T n-Tetracontane (C40)	21.995	7570256	96.265 ug/ml

(f)=RT Delta > 1/2 Window

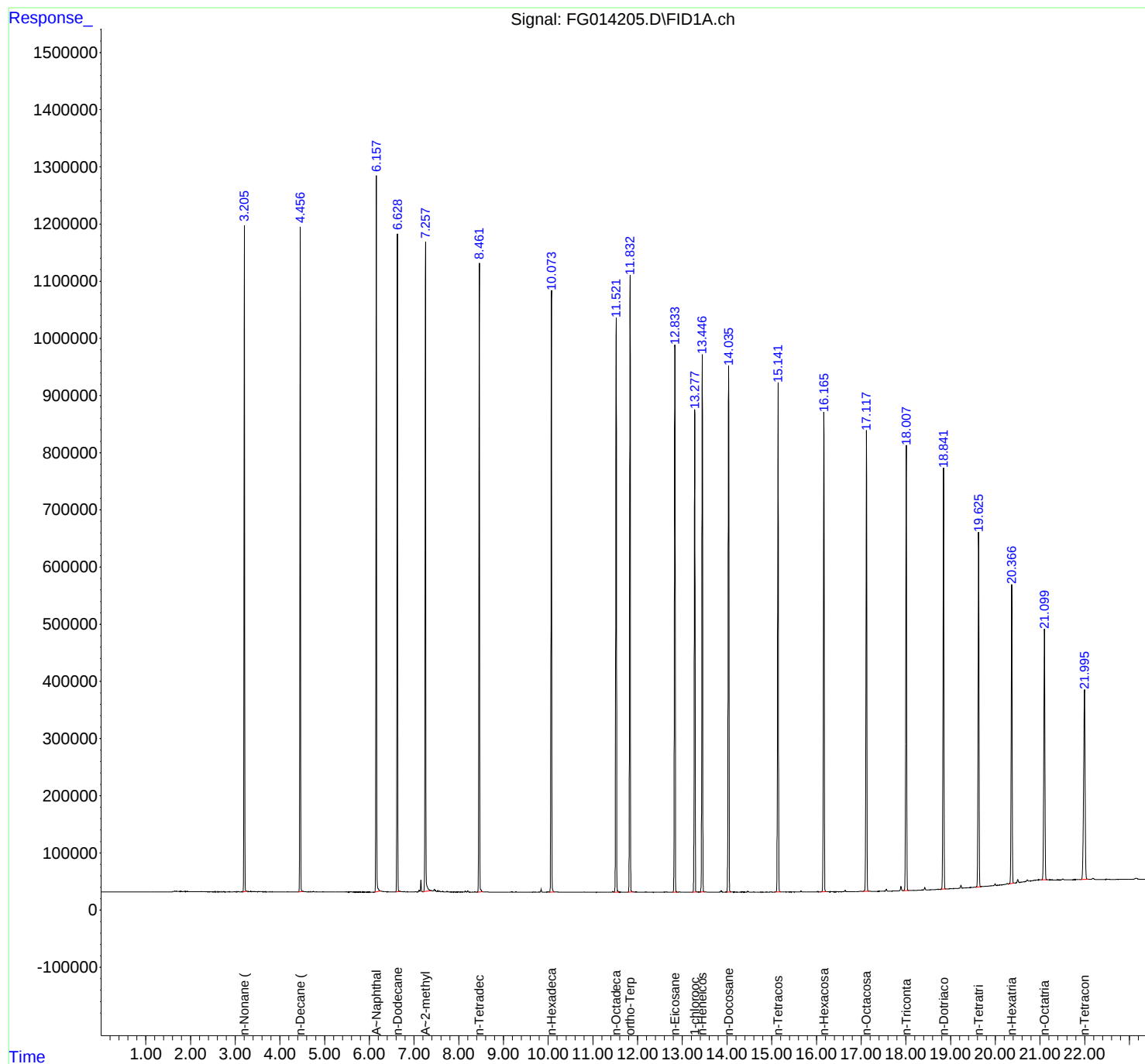
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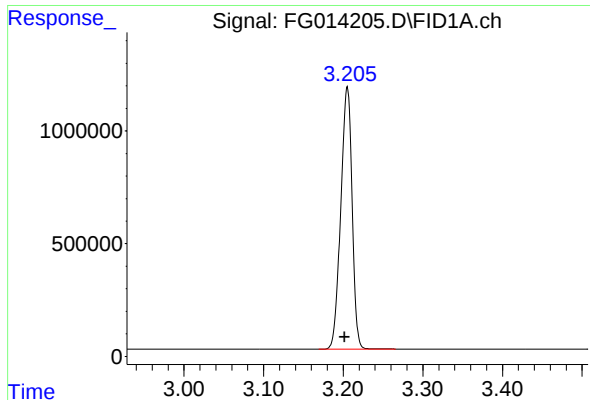
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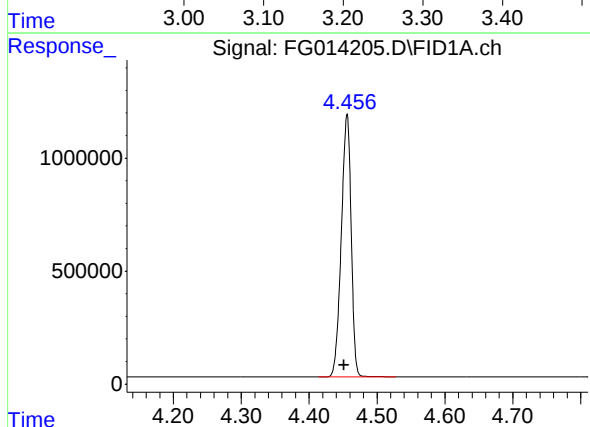




#1 n-Nonane (C9)

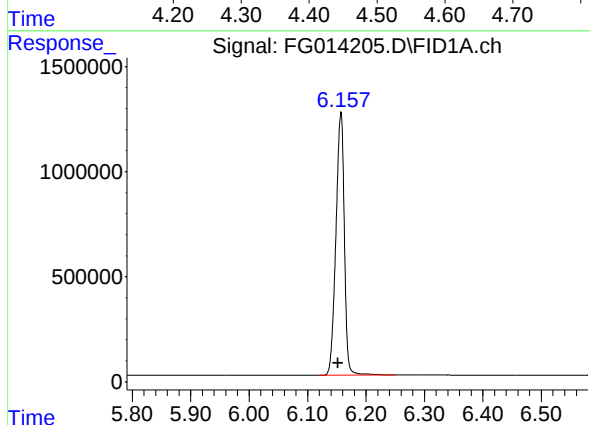
R.T.: 3.205 min
Delta R.T.: 0.003 min
Response: 11501058
Conc: 98.74 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



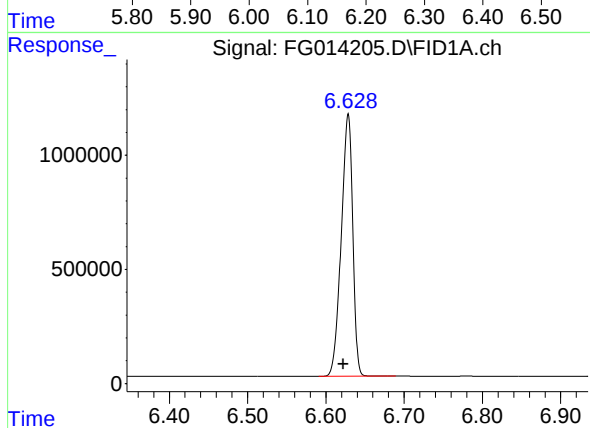
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: 0.005 min
Response: 11716789
Conc: 98.88 ug/ml



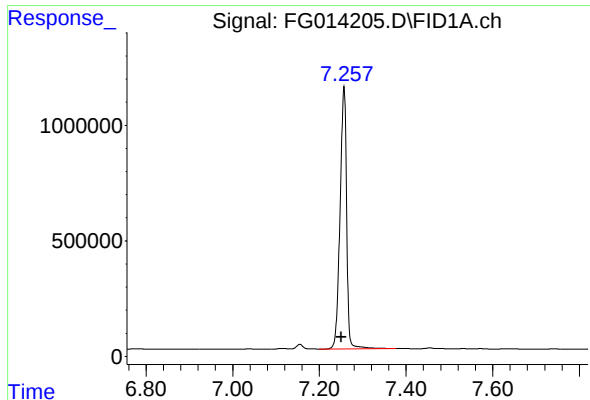
#3 A~Naphthalene (C11.7)

R.T.: 6.157 min
Delta R.T.: 0.005 min
Response: 12482362
Conc: 100.76 ug/ml



#4 n-Dodecane (C12)

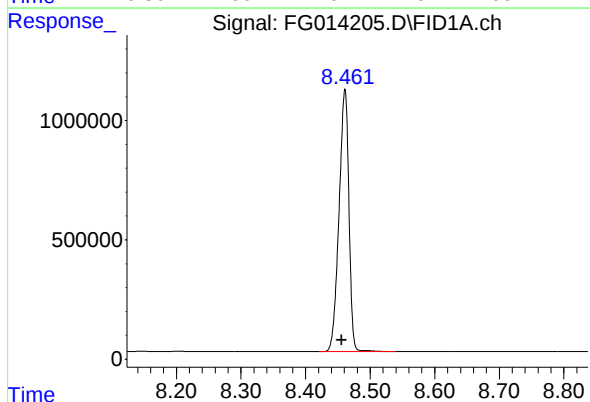
R.T.: 6.629 min
Delta R.T.: 0.006 min
Response: 11789899
Conc: 99.64 ug/ml



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

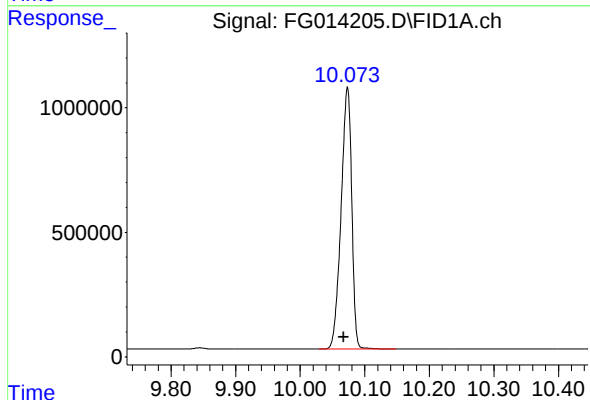
R.T.: 7.257 min
Delta R.T.: 0.006 min
Response: 11973167
Conc: 103.62 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



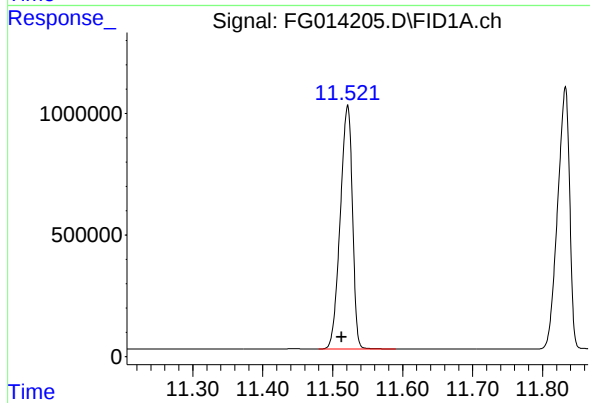
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: 0.005 min
Response: 11692424
Conc: 99.32 ug/ml



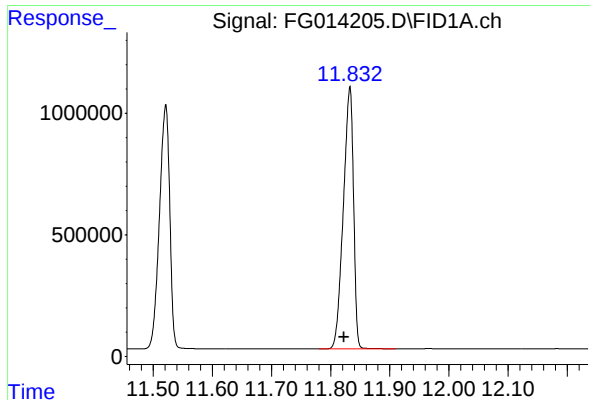
#7 n-Hexadecane (C16)

R.T.: 10.073 min
Delta R.T.: 0.006 min
Response: 12028829
Conc: 99.54 ug/ml



#8 n-Octadecane (C18)

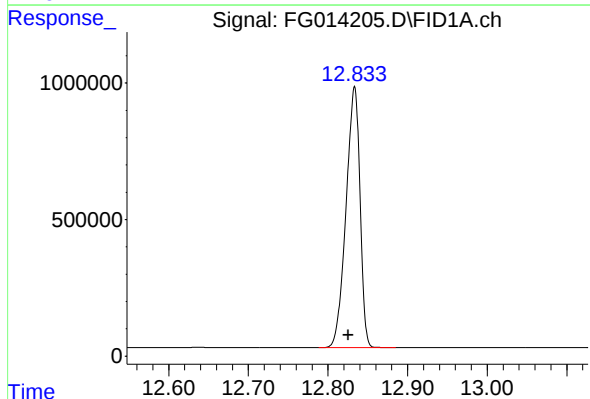
R.T.: 11.521 min
Delta R.T.: 0.009 min
Response: 12134449
Conc: 99.00 ug/ml



#9 ortho-Terphenyl (SURR)

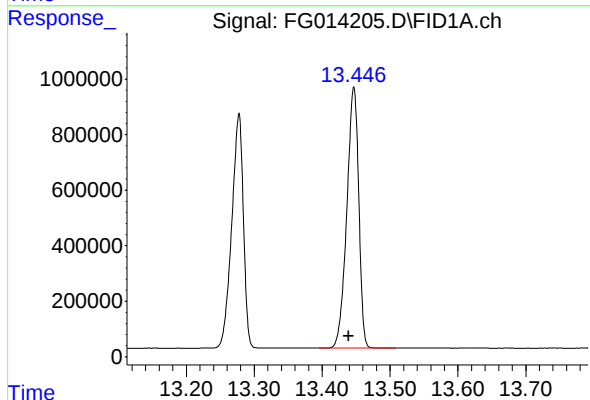
R.T.: 11.833 min
Delta R.T.: 0.010 min
Response: 12861833
Conc: 98.76 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



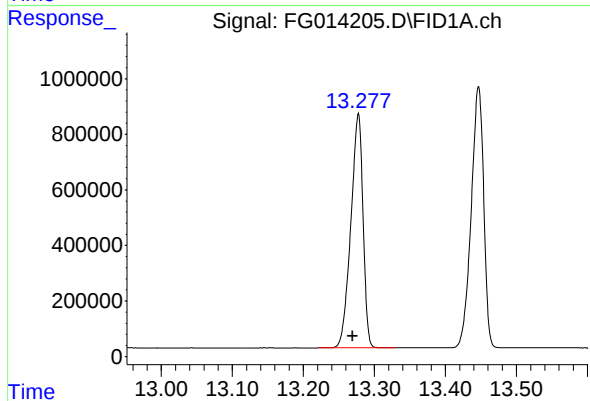
#10 n-Eicosane (C20)

R.T.: 12.834 min
Delta R.T.: 0.008 min
Response: 11663170
Conc: 98.90 ug/ml



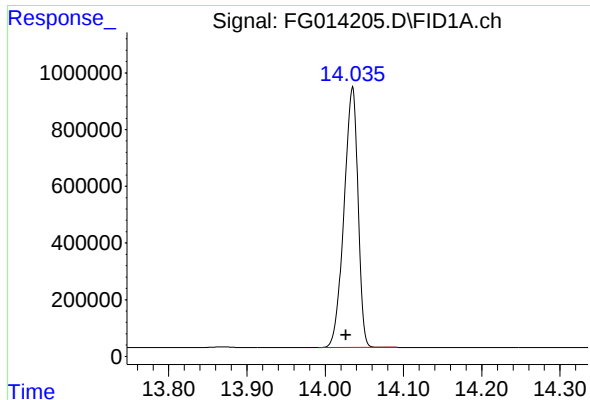
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: 0.008 min
Response: 11466370
Conc: 98.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.278 min
Delta R.T.: 0.008 min
Response: 10027101
Conc: 99.13 ug/ml



#13 n-Docosane (C22)

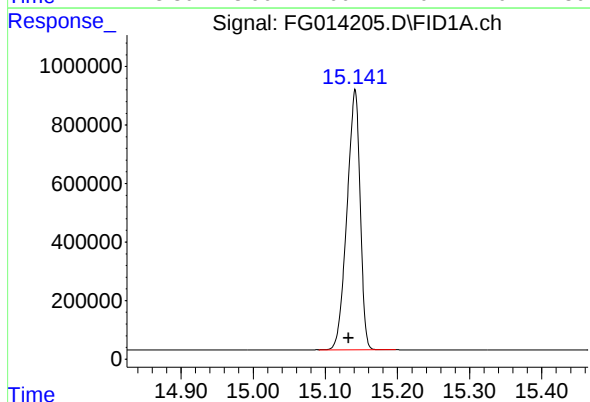
R.T.: 14.035 min
Delta R.T.: 0.008 min
Response: 11389401
Conc: 98.84 ug/ml

Instrument :

FID_G

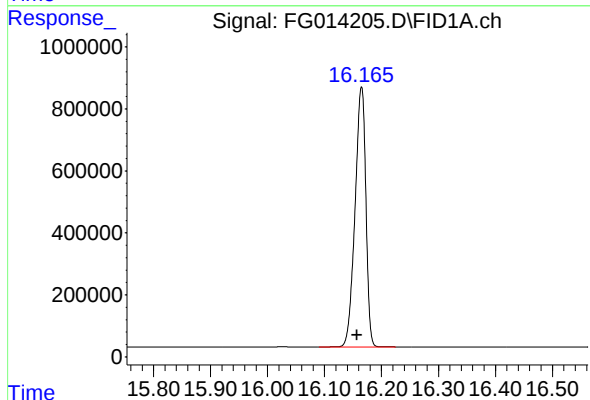
ClientSampleId :

100 PPM ALIPHATIC HC STD1



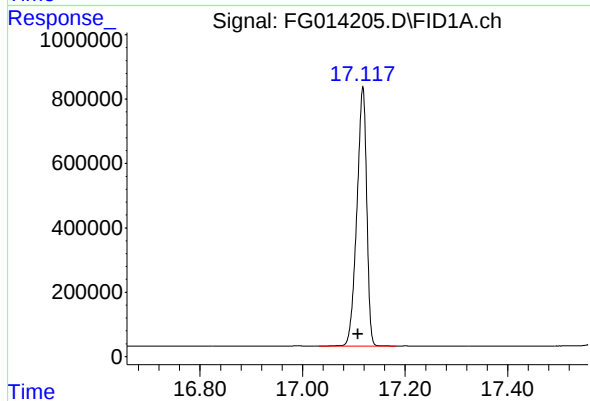
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: 0.009 min
Response: 11289448
Conc: 98.58 ug/ml



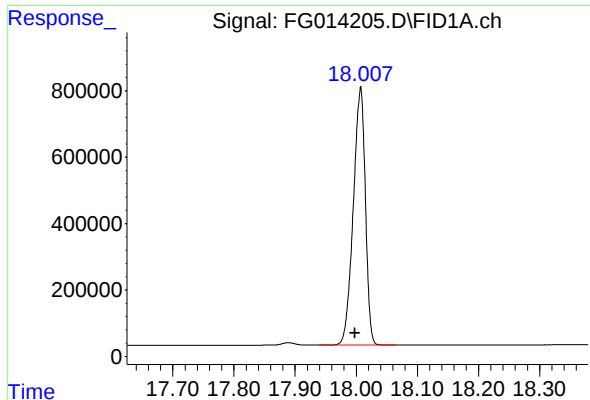
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: 0.008 min
Response: 11047026
Conc: 98.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: 0.009 min
Response: 10708645
Conc: 98.04 ug/ml



#17 n-Tricontane (C30)

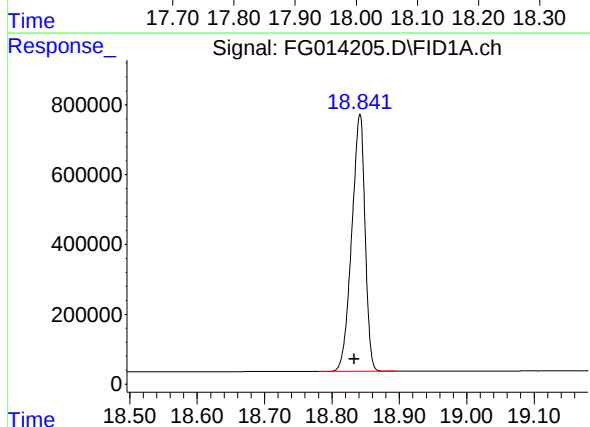
R.T.: 18.007 min
Delta R.T.: 0.010 min
Response: 10657341
Conc: 96.79 ug/ml

Instrument :

FID_G

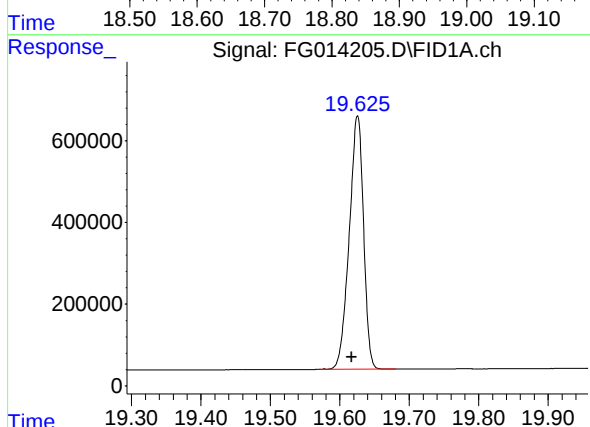
ClientSampleId :

100 PPM ALIPHATIC HC STD1



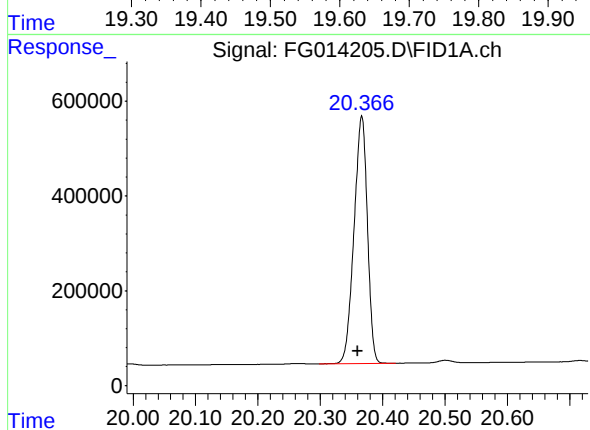
#18 n-Dotriacontane (C32)

R.T.: 18.842 min
Delta R.T.: 0.009 min
Response: 10109523
Conc: 95.96 ug/ml



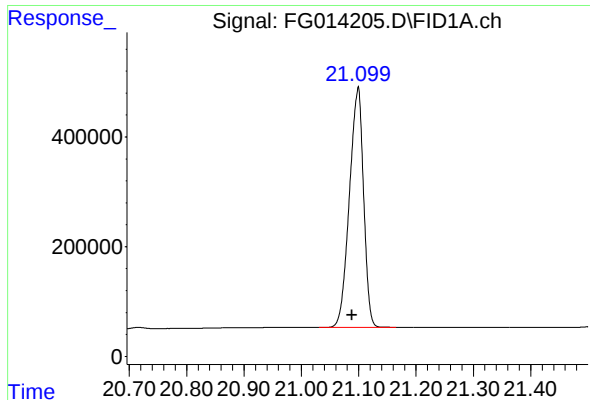
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min
Delta R.T.: 0.008 min
Response: 8894246
Conc: 95.84 ug/ml



#20 n-Hexatriacontane (C36)

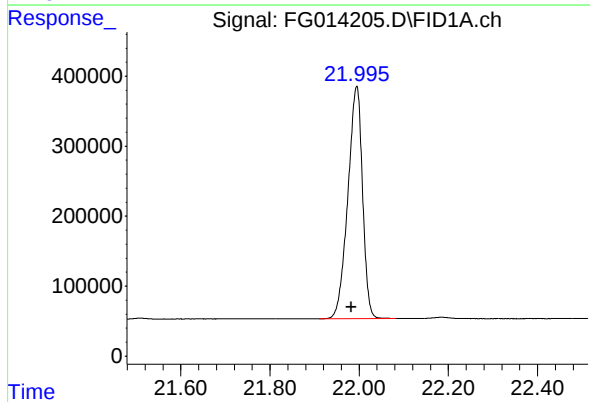
R.T.: 20.367 min
Delta R.T.: 0.006 min
Response: 7769055
Conc: 91.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: 0.011 min
Response: 7473932
Conc: 96.28 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.995 min
Delta R.T.: 0.012 min
Response: 7570256
Conc: 96.26 ug/ml