

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AL\
 Data File : FG015492.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 12:09
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Mar 17 13:22:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 17 13:20:26 2025
 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)	11.931	15497683	95.501 ug/ml
Spiked Amount 50.000		Recovery =	191.00%
12) S 1-chlorooctadecane (S...	13.374	12372079	95.083 ug/ml
Spiked Amount 50.000		Recovery =	190.17%
Target Compounds			
1) T n-Nonane (C9)	3.271	12075797	95.437 ug/ml
2) T n-Decane (C10)	4.532	12356378	95.421 ug/ml
3) T A~Naphthalene (C11.7)	6.243	13663936	95.914 ug/ml
4) T n-Dodecane (C12)	6.712	12706932	95.550 ug/ml
5) T A~2-methylnaphthalene...	7.346	13417472	96.437 ug/ml
6) T n-Tetradecane (C14)	8.549	12917666	95.662 ug/ml
7) T n-Hexadecane (C16)	10.164	13686669	95.619 ug/ml
8) T n-Octadecane (C18)	11.615	14157518	95.467 ug/ml
10) T n-Eicosane (C20)	12.928	13970950	95.209 ug/ml
11) T n-Heneicosane (C21)	13.543	13905932	95.244 ug/ml
13) T n-Docosane (C22)	14.132	13970302	94.942 ug/ml
14) T n-Tetracosane (C24)	15.238	14108853	94.022 ug/ml
15) T n-Hexacosane (C26)	16.262	13926979	93.212 ug/ml
16) T n-Octacosane (C28)	17.215	13526658	91.627 ug/ml
17) T n-Tricontane (C30)	18.105	13337620	89.160 ug/ml
18) T n-Dotriacontane (C32)	18.938	12396797	87.719 ug/ml
19) T n-Tetratriacontane (C34)	19.724	11048635	88.708 ug/ml
20) T n-Hexatriacontane (C36)	20.461	9398193	89.678 ug/ml
21) T n-Octatriacontane (C38)	21.206	8428939	91.159 ug/ml
22) T n-Tetracontane (C40)	22.136	7897945	92.225 ug/ml

(f)=RT Delta > 1/2 Window

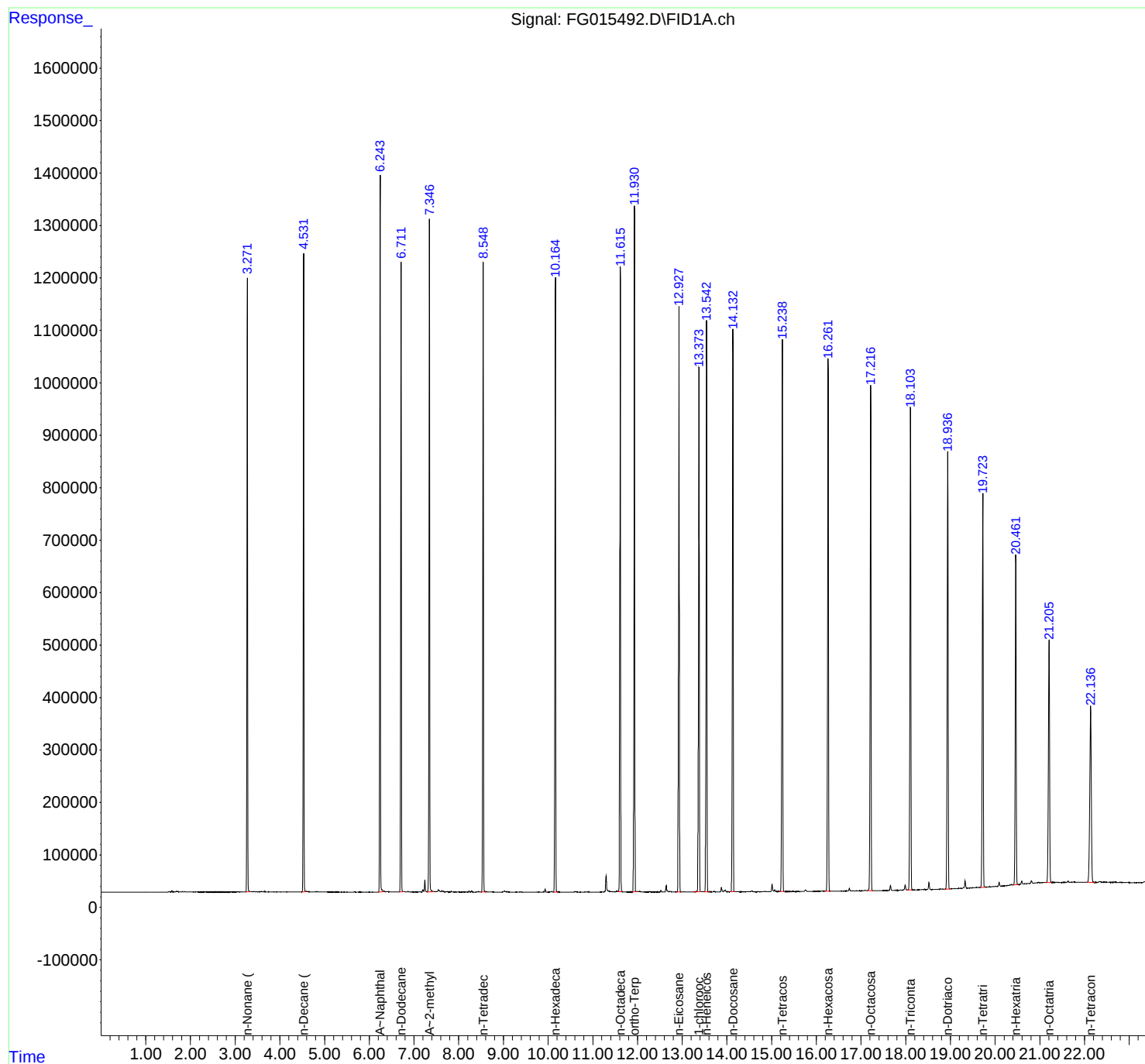
(m)=manual int.

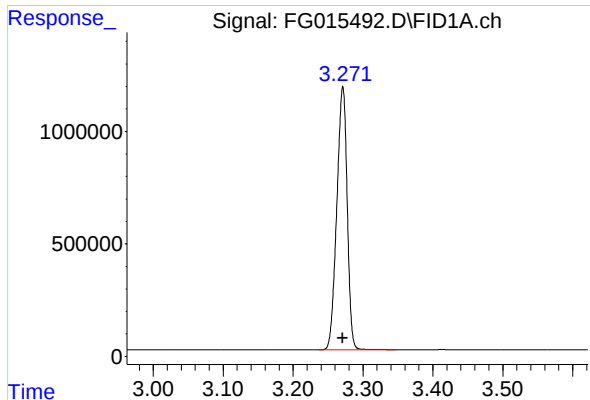
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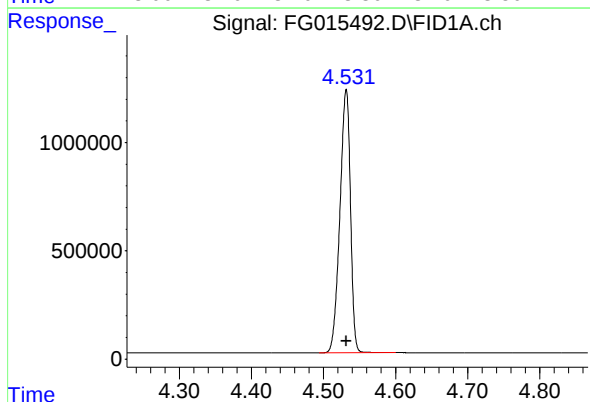




#1 n-Nonane (C9)

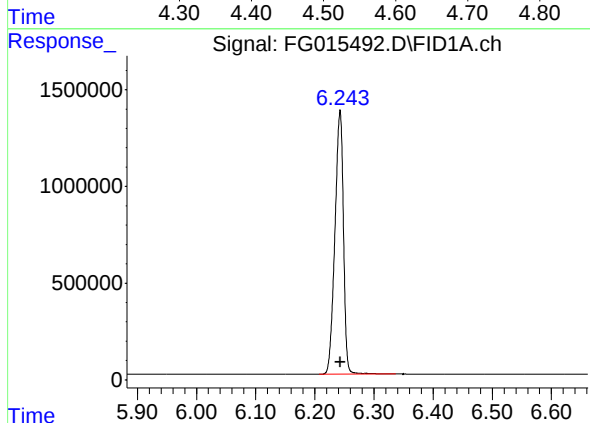
R.T.: 3.271 min
Delta R.T.: 0.000 min
Response: 12075797
Conc: 95.44 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



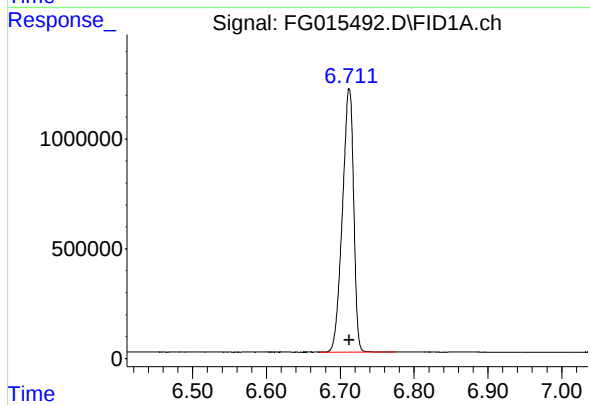
#2 n-Decane (C10)

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 12356378
Conc: 95.42 ug/ml



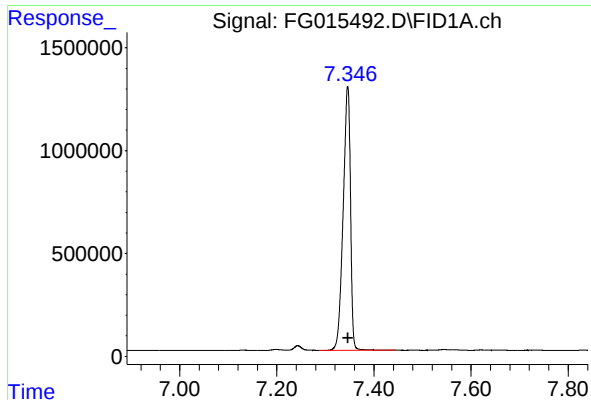
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 13663936
Conc: 95.91 ug/ml



#4 n-Dodecane (C12)

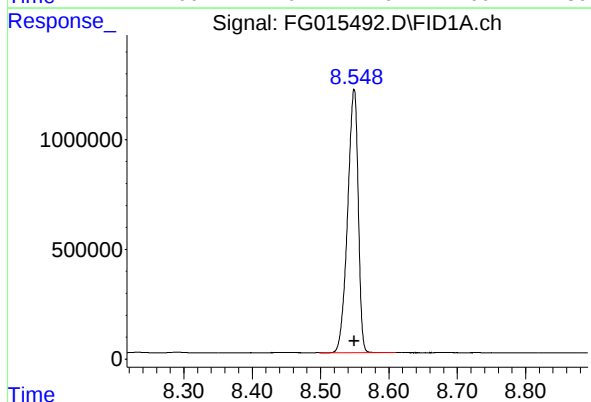
R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 12706932
Conc: 95.55 ug/ml



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

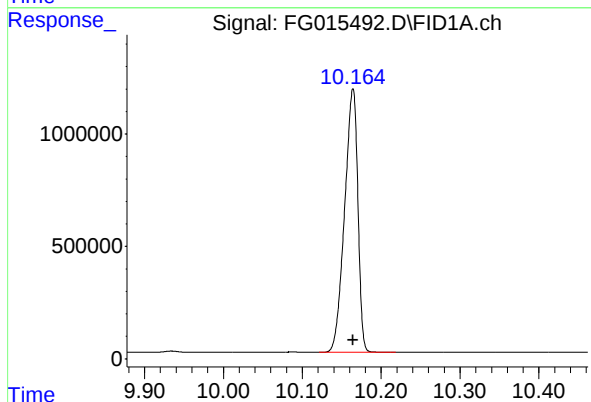
R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 13417472
Conc: 96.44 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



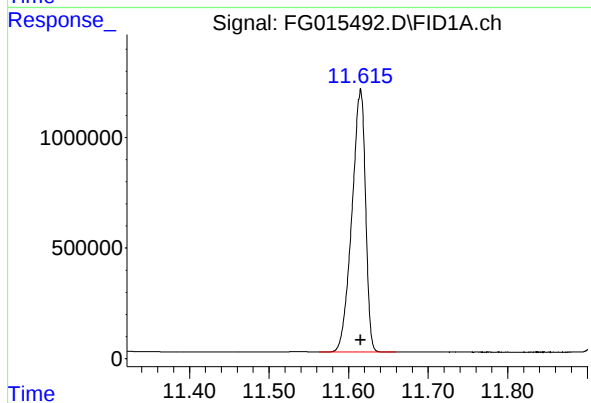
#6 n-Tetradecane (C14)

R.T.: 8.549 min
Delta R.T.: 0.000 min
Response: 12917666
Conc: 95.66 ug/ml



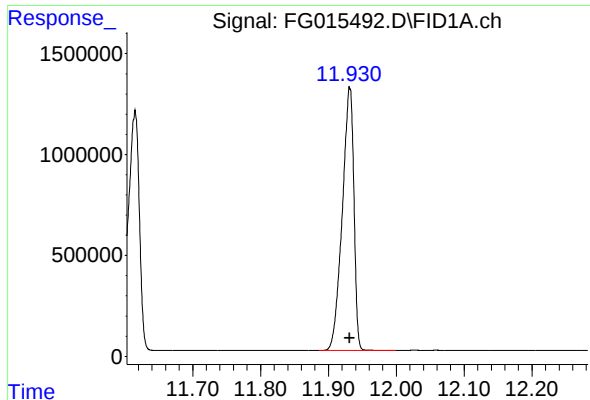
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 13686669
Conc: 95.62 ug/ml



#8 n-Octadecane (C18)

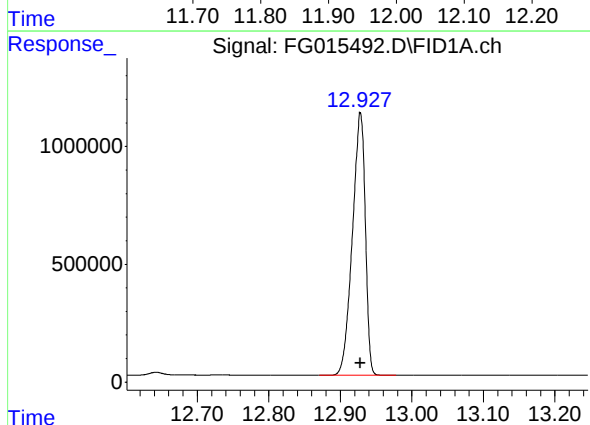
R.T.: 11.615 min
Delta R.T.: 0.000 min
Response: 14157518
Conc: 95.47 ug/ml



#9 ortho-Terphenyl (SURR)

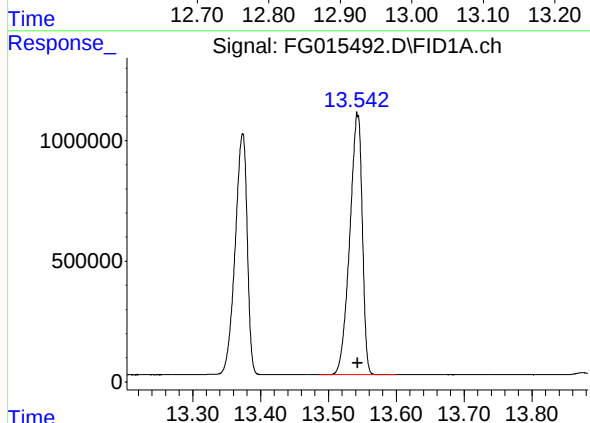
R.T.: 11.931 min
Delta R.T.: 0.000 min
Response: 15497683
Conc: 95.50 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



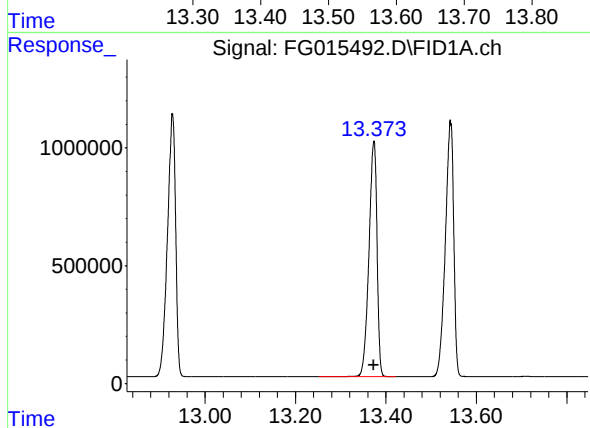
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: 0.000 min
Response: 13970950
Conc: 95.21 ug/ml



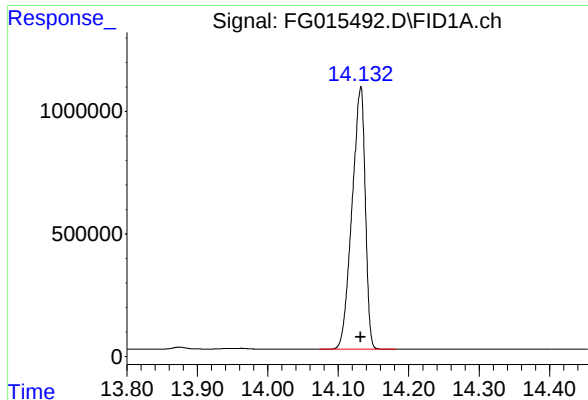
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: 0.000 min
Response: 13905932
Conc: 95.24 ug/ml



#12 1-chlorooctadecane (SURR)

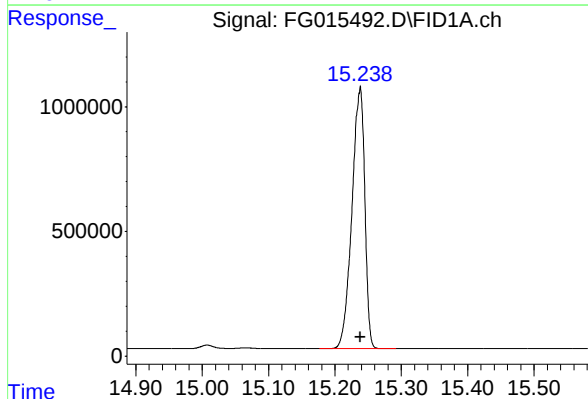
R.T.: 13.374 min
Delta R.T.: 0.000 min
Response: 12372079
Conc: 95.08 ug/ml



#13 n-Docosane (C22)

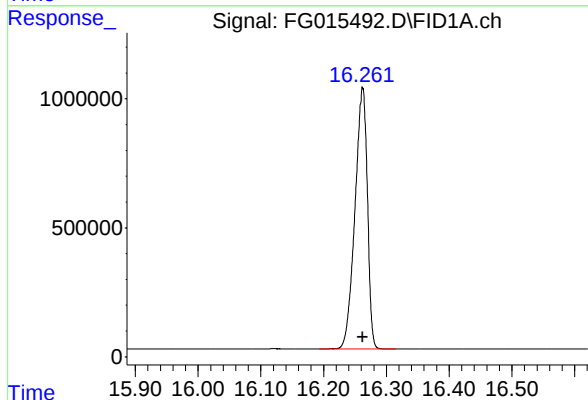
R.T.: 14.132 min
Delta R.T.: 0.000 min
Response: 13970302
Conc: 94.94 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



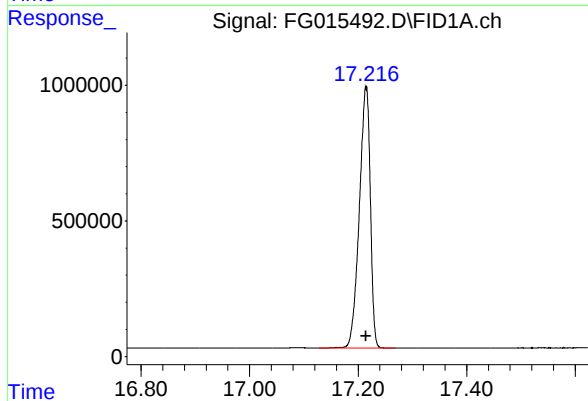
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 14108853
Conc: 94.02 ug/ml



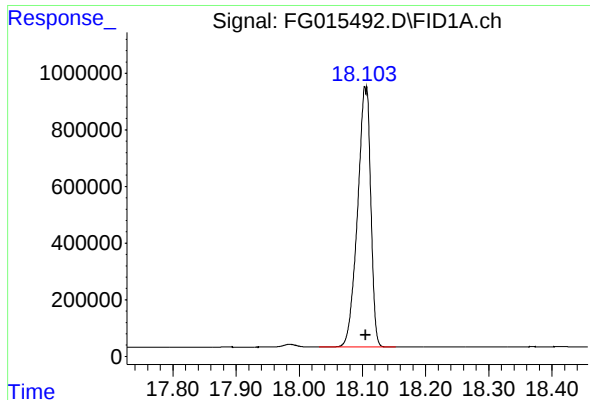
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: 0.000 min
Response: 13926979
Conc: 93.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.215 min
Delta R.T.: 0.000 min
Response: 13526658
Conc: 91.63 ug/ml



#17 n-Tricontane (C30)

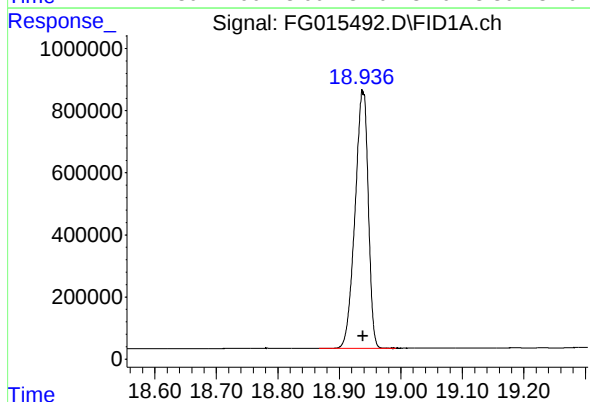
R.T.: 18.105 min
Delta R.T.: 0.000 min
Response: 13337620
Conc: 89.16 ug/ml

Instrument :

FID_G

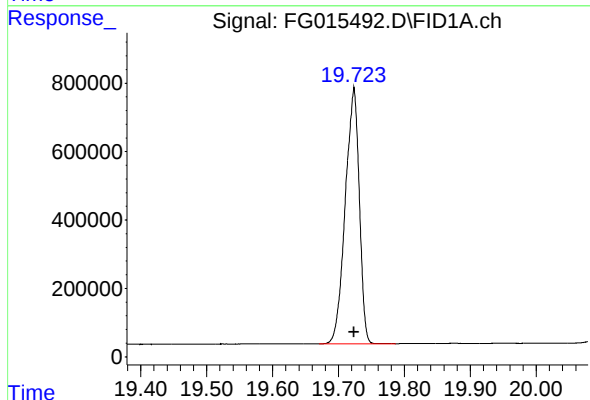
ClientSampleId :

100 PPM ALIPHATIC HC STD1



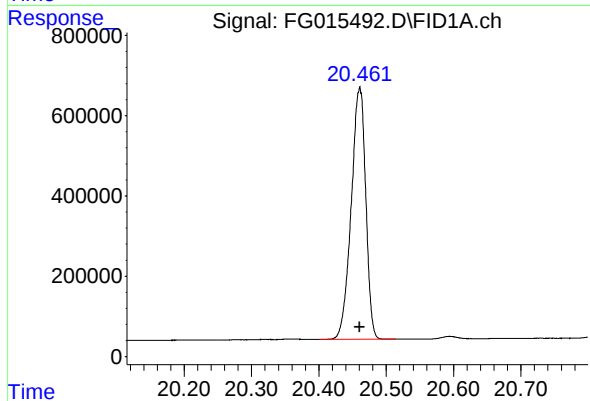
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: 0.000 min
Response: 12396797
Conc: 87.72 ug/ml



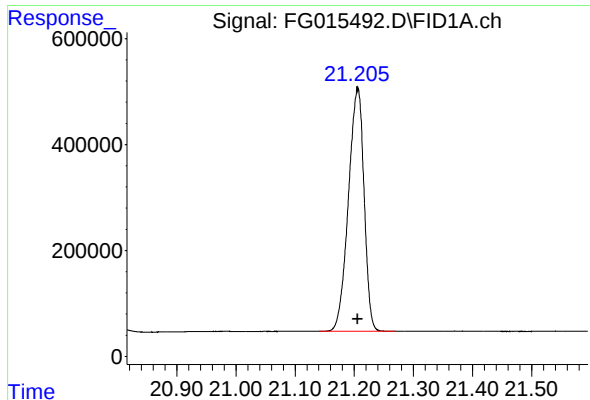
#19 n-Tetatriacontane (C34)

R.T.: 19.724 min
Delta R.T.: 0.000 min
Response: 11048635
Conc: 88.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.461 min
Delta R.T.: 0.000 min
Response: 9398193
Conc: 89.68 ug/ml



#21 n-Octatriacontane (C38)

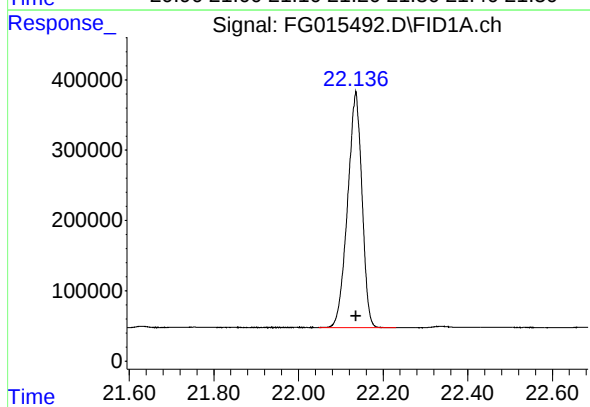
R.T.: 21.206 min
Delta R.T.: 0.000 min
Response: 8428939
Conc: 91.16 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: 0.000 min
Response: 7897945
Conc: 92.22 ug/ml