

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110723AL\
 Data File : FG013153.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2023 19:03
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Nov 08 03:41:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 110723.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 03:40:16 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)	12.000	13952855	95.606 ug/ml
Spiked Amount 50.000		Recovery =	191.21%
12) S 1-chlorooctadecane (S...	13.437	10539659	95.807 ug/ml
Spiked Amount 50.000		Recovery =	191.61%
Target Compounds			
1) T n-Nonane (C9)	3.348	12015862	96.278 ug/ml
2) T n-Decane (C10)	4.601	12217448	95.881 ug/ml
3) T A~Naphthalene (C11.7)	6.315	12985217	96.172 ug/ml
4) T n-Dodecane (C12)	6.776	12278187	95.791 ug/ml
5) T A~2-methylnaphthalene...	7.417	12764855	96.759 ug/ml
6) T n-Tetradecane (C14)	8.611	12074665	95.819 ug/ml
7) T n-Hexadecane (C16)	10.226	12173974	95.608 ug/ml
8) T n-Octadecane (C18)	11.676	12082521	95.434 ug/ml
10) T n-Eicosane (C20)	12.989	11657337	95.335 ug/ml
11) T n-Heneicosane (C21)	13.604	11442924	95.330 ug/ml
13) T n-Docosane (C22)	14.192	11382086	95.317 ug/ml
14) T n-Tetracosane (C24)	15.300	11384396	94.581 ug/ml
15) T n-Hexacosane (C26)	16.324	11154367	95.171 ug/ml
16) T n-Octacosane (C28)	17.275	10985503	94.609 ug/ml
17) T n-Tricontane (C30)	18.165	11082167	93.343 ug/ml
18) T n-Dotriacontane (C32)	18.997	10952443	92.528 ug/ml
19) T n-Tetratriacontane (C34)	19.782	10677281	93.121 ug/ml
20) T n-Hexatriacontane (C36)	20.523	10650113	93.514 ug/ml
21) T n-Octatriacontane (C38)	21.284	10899038	93.900 ug/ml
22) T n-Tetracontane (C40)	22.241	11190393	94.656 ug/ml

(f)=RT Delta > 1/2 Window

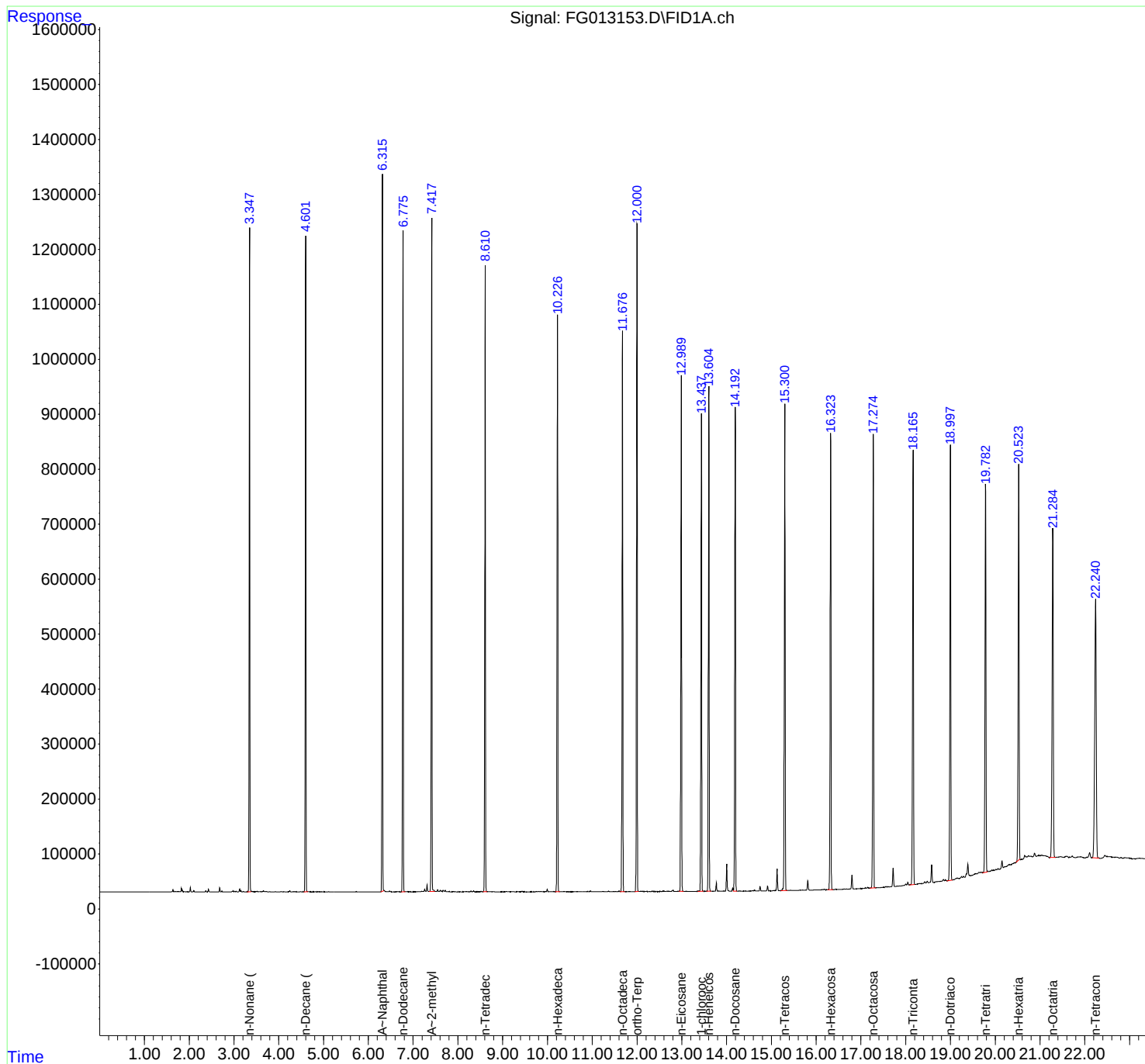
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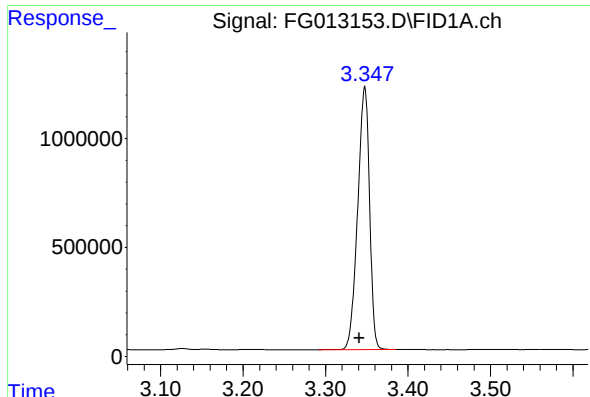
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#1 n-Nonane (C9)

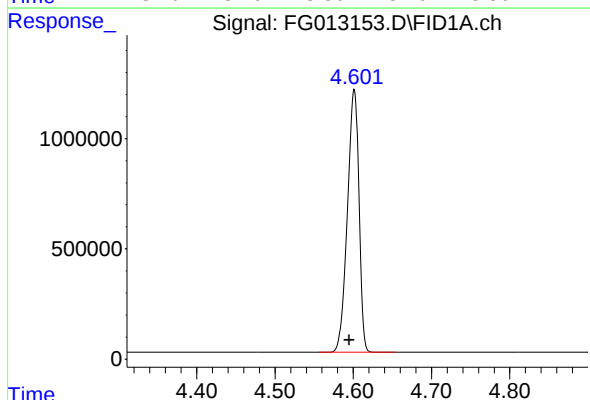
R.T.: 3.348 min
Delta R.T.: 0.007 min
Response: 12015862
Conc: 96.28 ug/ml

Instrument :

FID_G

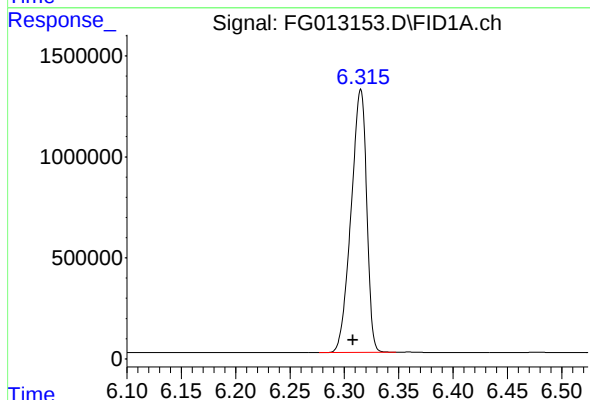
ClientSampleId :

100 PPM ALIPHATIC HC STD1



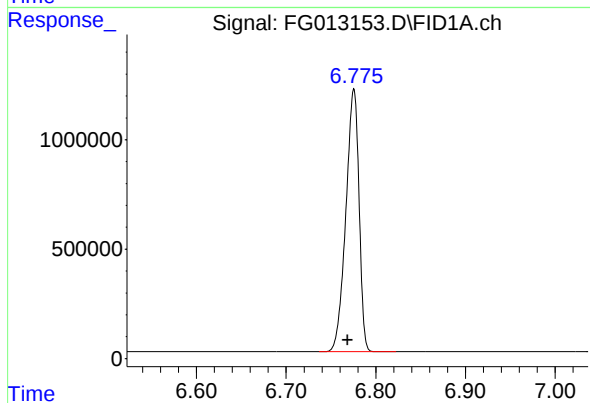
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: 0.007 min
Response: 12217448
Conc: 95.88 ug/ml



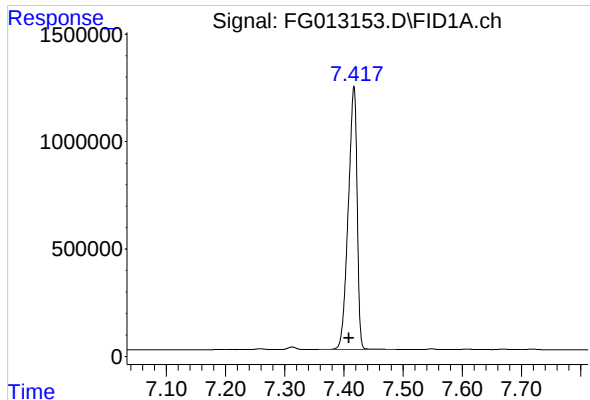
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: 0.007 min
Response: 12985217
Conc: 96.17 ug/ml



#4 n-Dodecane (C12)

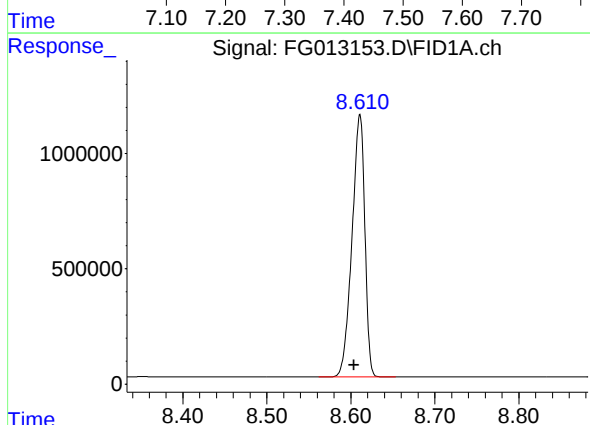
R.T.: 6.776 min
Delta R.T.: 0.007 min
Response: 12278187
Conc: 95.79 ug/ml



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

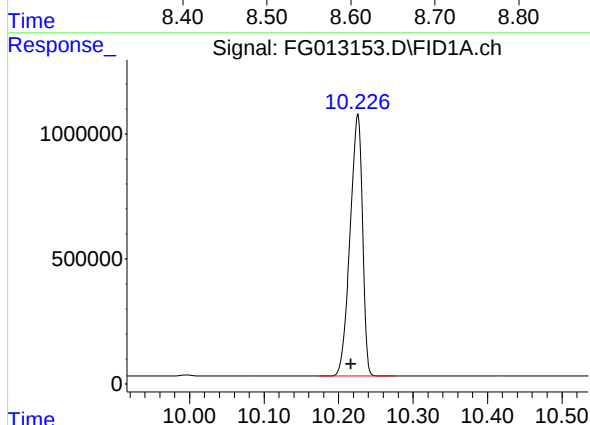
R.T.: 7.417 min
Delta R.T.: 0.009 min
Response: 12764855
Conc: 96.76 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



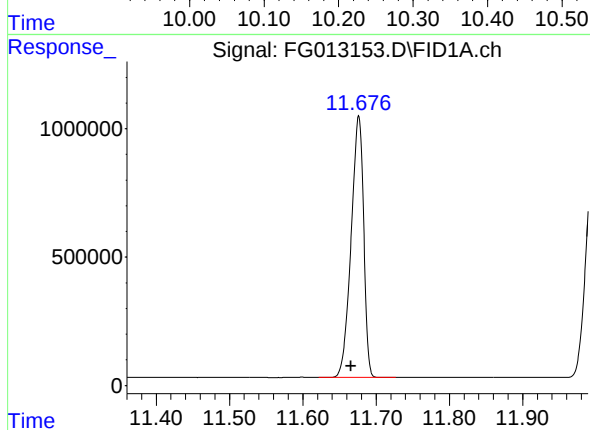
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.007 min
Response: 12074665
Conc: 95.82 ug/ml



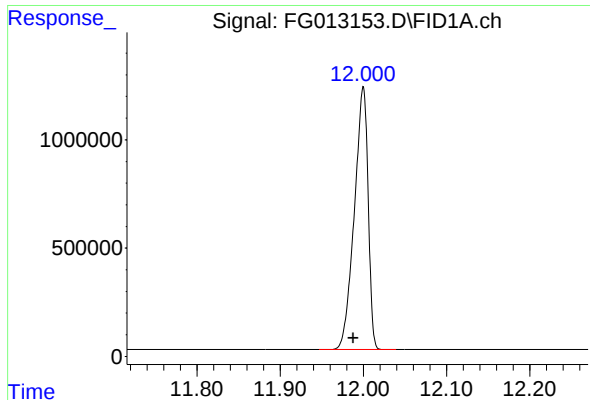
#7 n-Hexadecane (C16)

R.T.: 10.226 min
Delta R.T.: 0.009 min
Response: 12173974
Conc: 95.61 ug/ml



#8 n-Octadecane (C18)

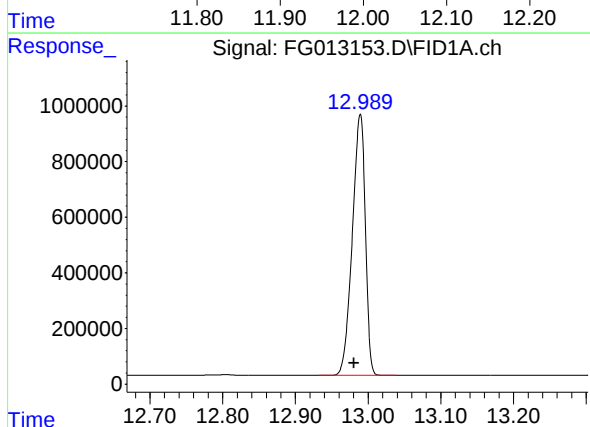
R.T.: 11.676 min
Delta R.T.: 0.010 min
Response: 12082521
Conc: 95.43 ug/ml



#9 ortho-Terphenyl (SURR)

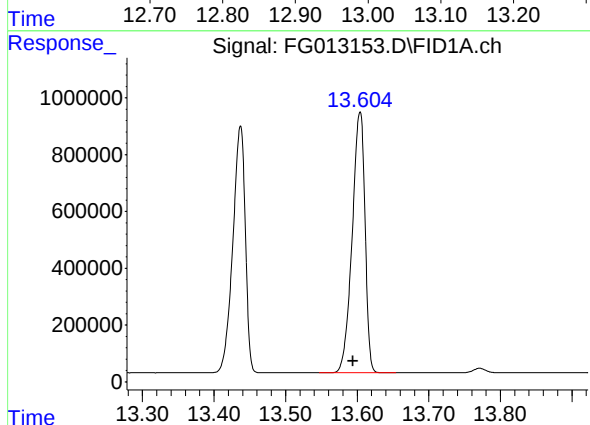
R.T.: 12.000 min
Delta R.T.: 0.012 min
Response: 13952855
Conc: 95.61 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



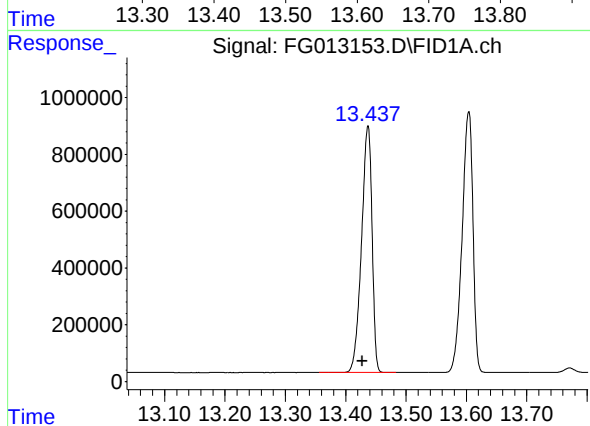
#10 n-Eicosane (C20)

R.T.: 12.989 min
Delta R.T.: 0.009 min
Response: 11657337
Conc: 95.33 ug/ml



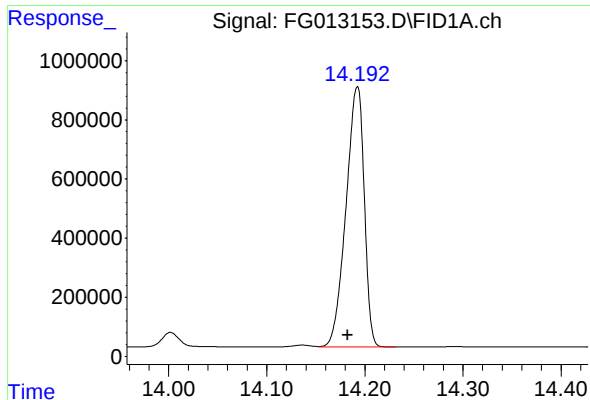
#11 n-Heneicosane (C21)

R.T.: 13.604 min
Delta R.T.: 0.010 min
Response: 11442924
Conc: 95.33 ug/ml



#12 1-chlorooctadecane (SURR)

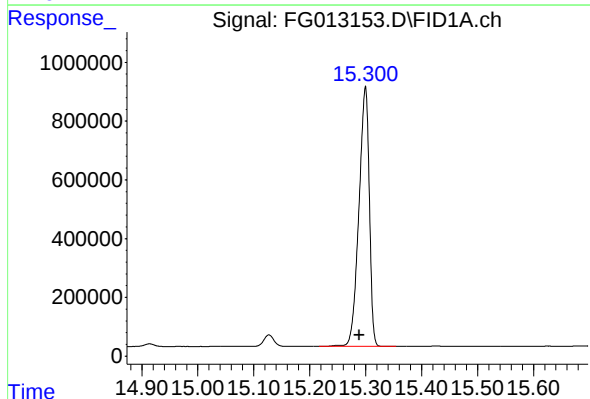
R.T.: 13.437 min
Delta R.T.: 0.010 min
Response: 10539659
Conc: 95.81 ug/ml



#13 n-Docosane (C22)

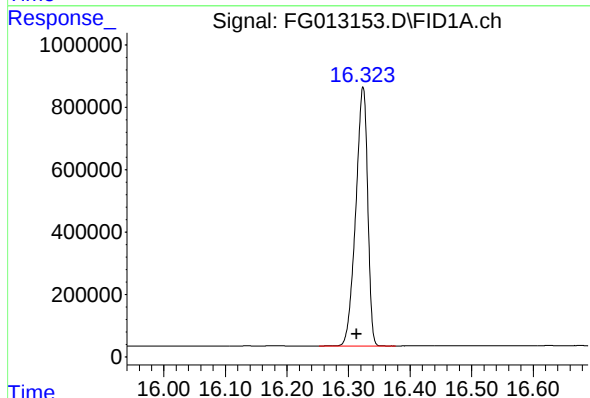
R.T.: 14.192 min
Delta R.T.: 0.010 min
Response: 11382086
Conc: 95.32 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



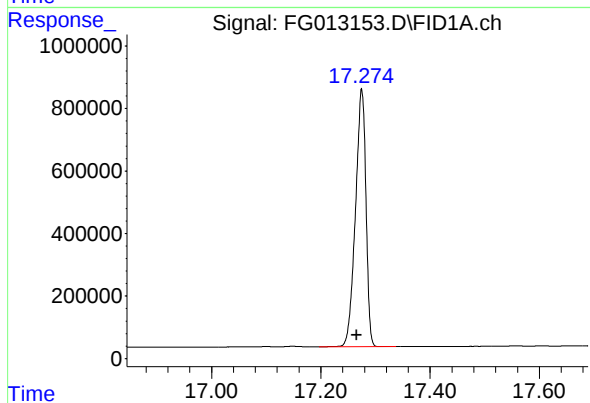
#14 n-Tetracosane (C24)

R.T.: 15.300 min
Delta R.T.: 0.011 min
Response: 11384396
Conc: 94.58 ug/ml



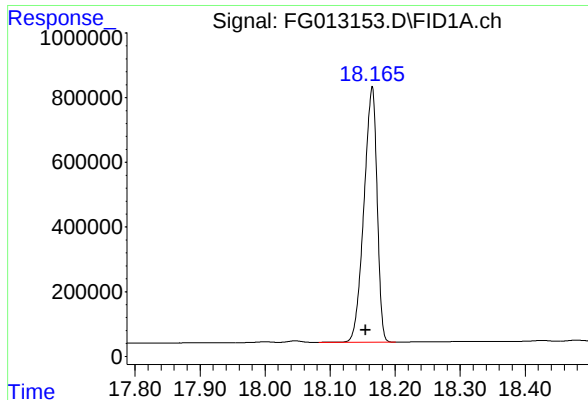
#15 n-Hexacosane (C26)

R.T.: 16.324 min
Delta R.T.: 0.010 min
Response: 11154367
Conc: 95.17 ug/ml



#16 n-Octacosane (C28)

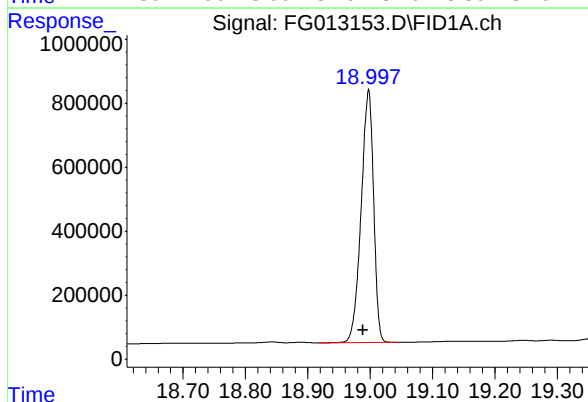
R.T.: 17.275 min
Delta R.T.: 0.009 min
Response: 10985503
Conc: 94.61 ug/ml



#17 n-Tricontane (C30)

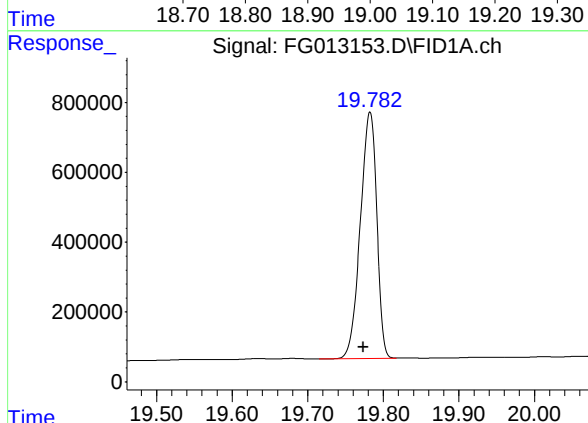
R.T.: 18.165 min
Delta R.T.: 0.010 min
Response: 11082167
Conc: 93.34 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



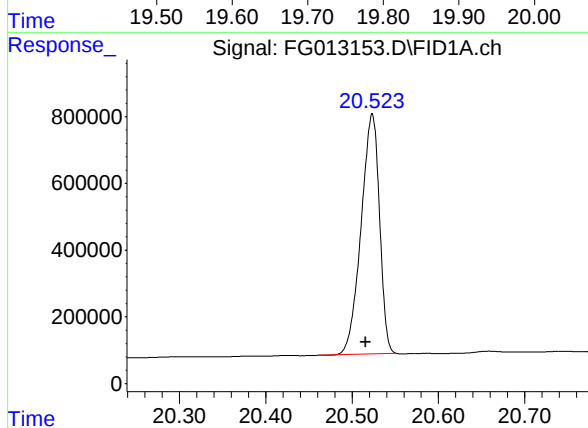
#18 n-Dotriacontane (C32)

R.T.: 18.997 min
Delta R.T.: 0.009 min
Response: 10952443
Conc: 92.53 ug/ml



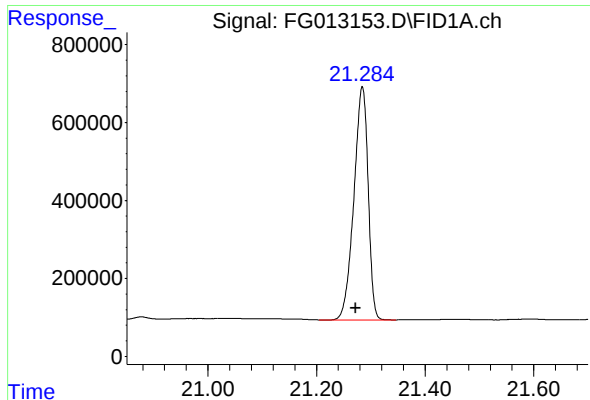
#19 n-Tetatriacontane (C34)

R.T.: 19.782 min
Delta R.T.: 0.009 min
Response: 10677281
Conc: 93.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.523 min
Delta R.T.: 0.008 min
Response: 10650113
Conc: 93.51 ug/ml



#21 n-Octatriacontane (C38)

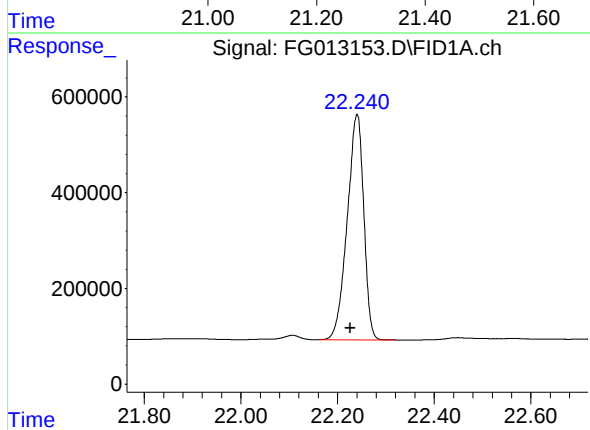
R.T.: 21.284 min
Delta R.T.: 0.012 min
Response: 10899038
Conc: 93.90 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.241 min
Delta R.T.: 0.014 min
Response: 11190393
Conc: 94.66 ug/ml