

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051923AL\
 Data File : FG011887.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2023 10:35
 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: May 19 12:05:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:02:22 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)	10.936	15730054	99.167 ug/ml
Spiked Amount 50.000		Recovery =	198.33%
12) S 1-chlorooctadecane (S...	12.372	11920029	99.374 ug/ml
Spiked Amount 50.000		Recovery =	198.75%
Target Compounds			
1) T n-Nonane (C9)	2.763	11432471	97.596 ug/ml
2) T n-Decane (C10)	3.776	11749763	97.648 ug/ml
3) T A~Naphthalene (C11.7)	5.345	13189835	98.011 ug/ml
4) T n-Dodecane (C12)	5.770	12036718	98.366 ug/ml
5) T A~2-methylnaphthalene...	6.397	13011028	99.656 ug/ml
6) T n-Tetradecane (C14)	7.566	12268977	99.383 ug/ml
7) T n-Hexadecane (C16)	9.170	13086123	99.334 ug/ml
8) T n-Octadecane (C18)	10.617	13634067	98.842 ug/ml
10) T n-Eicosane (C20)	11.926	13485634	98.944 ug/ml
11) T n-Heneicosane (C21)	12.540	13422933	98.816 ug/ml
13) T n-Docosane (C22)	13.126	13468736	98.313 ug/ml
14) T n-Tetracosane (C24)	14.232	13470509	97.060 ug/ml
15) T n-Hexacosane (C26)	15.254	13114604	95.615 ug/ml
16) T n-Octacosane (C28)	16.205	12636551	93.830 ug/ml
17) T n-Tricontane (C30)	17.096	12554935	92.651 ug/ml
18) T n-Dotriacontane (C32)	17.931	12126793	91.851 ug/ml
19) T n-Tetratriacontane (C34)	18.715	11723449	93.544 ug/ml
20) T n-Hexatriacontane (C36)	19.455	11246593	96.010 ug/ml
21) T n-Octatriacontane (C38)	20.199	11019472	96.093 ug/ml
22) T n-Tetracontane (C40)	21.125	10746798	97.096 ug/ml

(f)=RT Delta > 1/2 Window

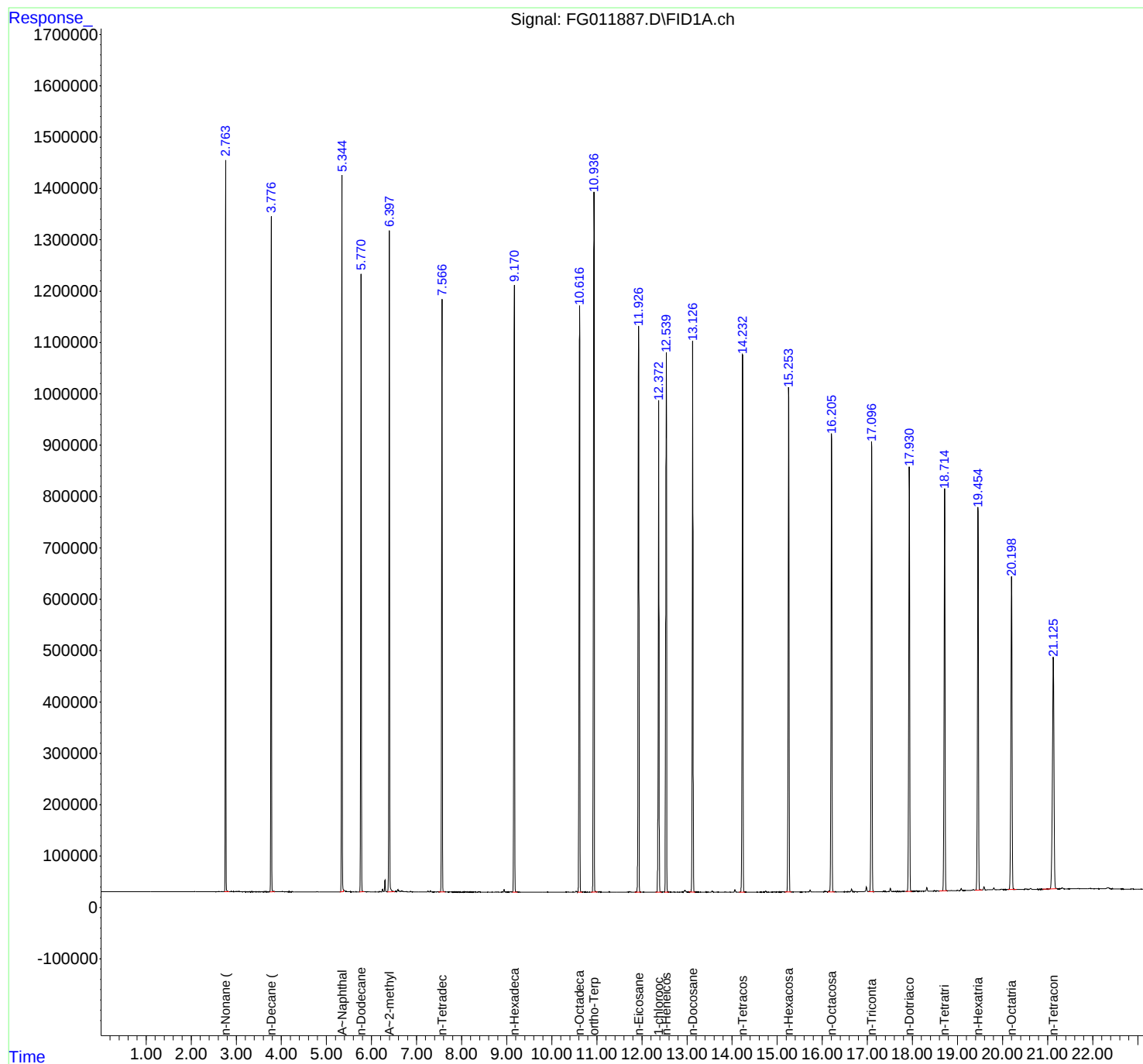
(m)=manual int.

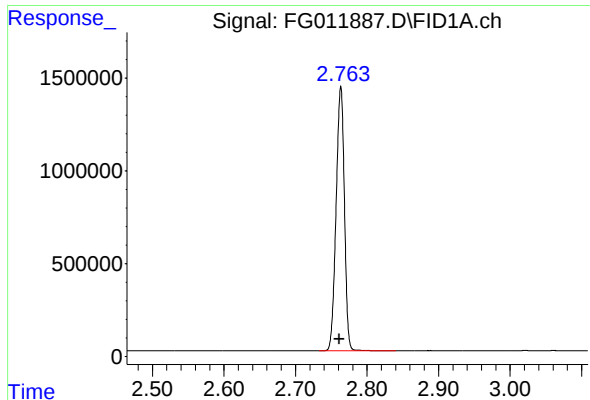
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051923AL\
Data File : FG011887.D
Signal(s) : FID1A.ch
Acq On : 19 May 2023 10:35
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: May 19 12:05:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
Quant Title : GC Extractables
QLast Update : Fri May 19 12:02:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

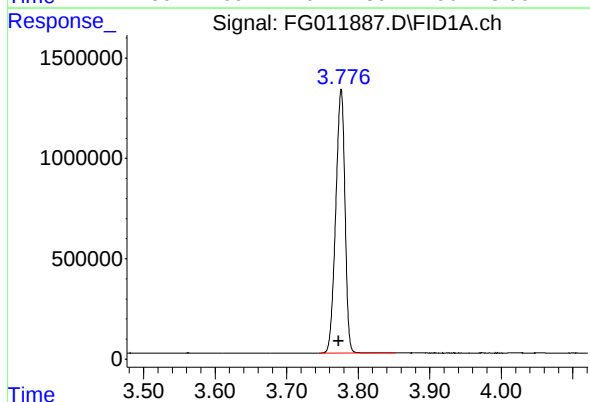
R.T.: 2.763 min
Delta R.T.: 0.002 min
Response: 11432471
Conc: 97.60 ug/ml

Instrument :

FID_G

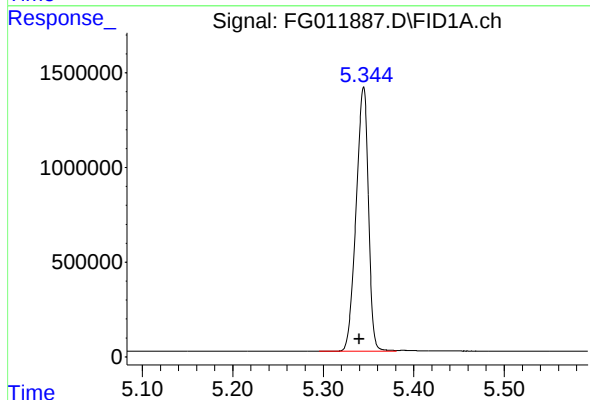
ClientSampleId :

100 PPM ALIPHATIC HC STD1



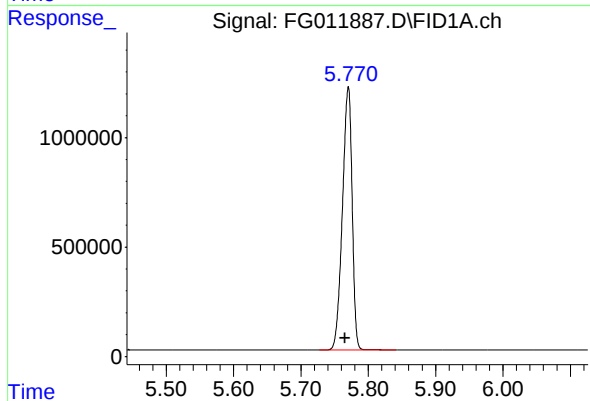
#2 n-Decane (C10)

R.T.: 3.776 min
Delta R.T.: 0.004 min
Response: 11749763
Conc: 97.65 ug/ml



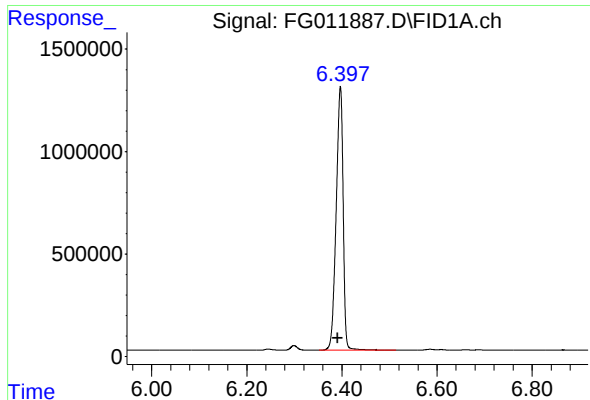
#3 A~Naphthalene (C11.7)

R.T.: 5.345 min
Delta R.T.: 0.005 min
Response: 13189835
Conc: 98.01 ug/ml



#4 n-Dodecane (C12)

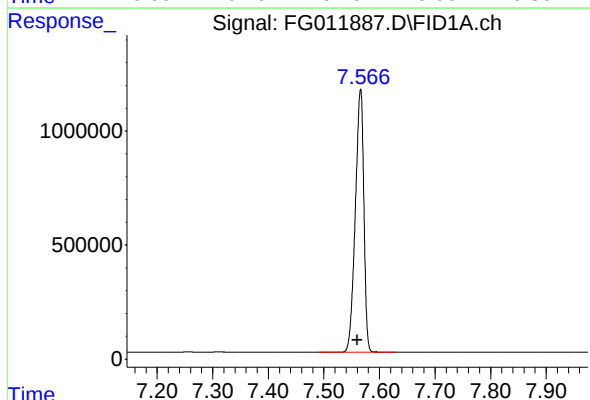
R.T.: 5.770 min
Delta R.T.: 0.005 min
Response: 12036718
Conc: 98.37 ug/ml



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

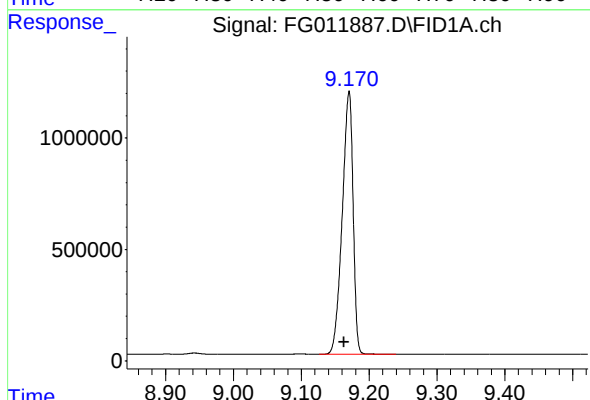
R.T.: 6.397 min
Delta R.T.: 0.006 min
Response: 13011028
Conc: 99.66 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



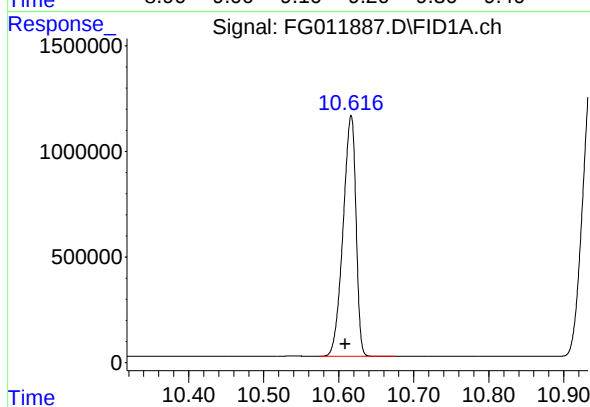
#6 n-Tetradecane (C14)

R.T.: 7.566 min
Delta R.T.: 0.006 min
Response: 12268977
Conc: 99.38 ug/ml



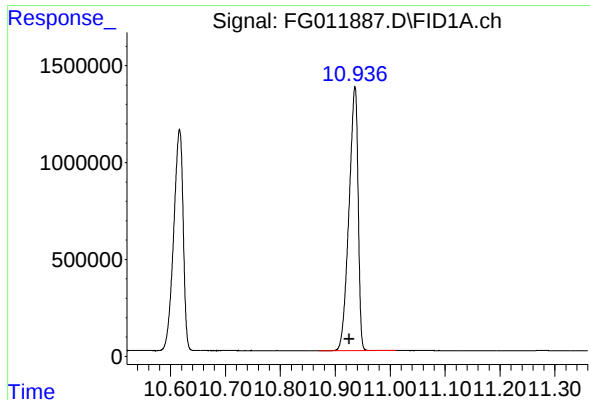
#7 n-Hexadecane (C16)

R.T.: 9.170 min
Delta R.T.: 0.007 min
Response: 13086123
Conc: 99.33 ug/ml



#8 n-Octadecane (C18)

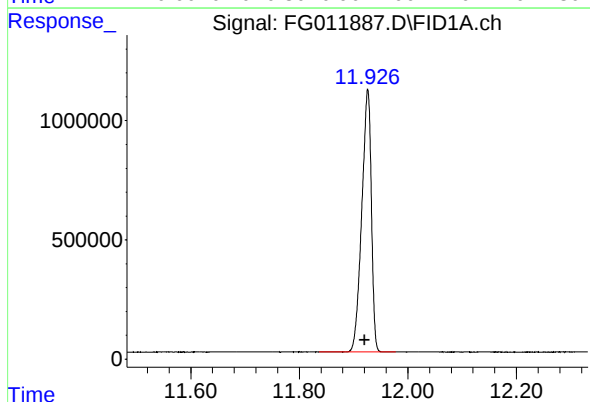
R.T.: 10.617 min
Delta R.T.: 0.008 min
Response: 13634067
Conc: 98.84 ug/ml



#9 ortho-Terphenyl (SURR)

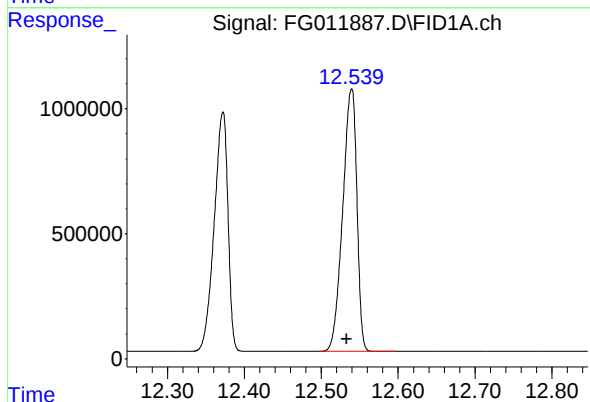
R.T.: 10.936 min
Delta R.T.: 0.010 min
Response: 15730054
Conc: 99.17 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



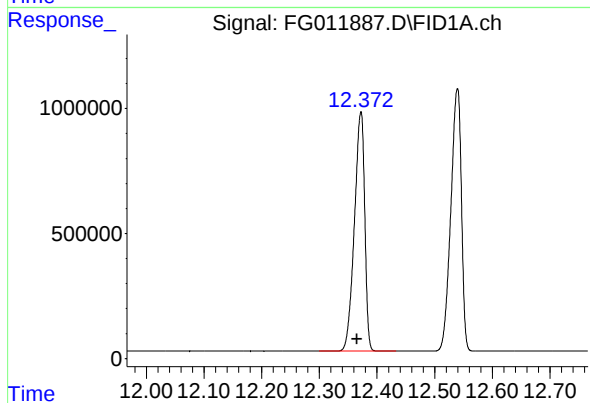
#10 n-Eicosane (C20)

R.T.: 11.926 min
Delta R.T.: 0.006 min
Response: 13485634
Conc: 98.94 ug/ml



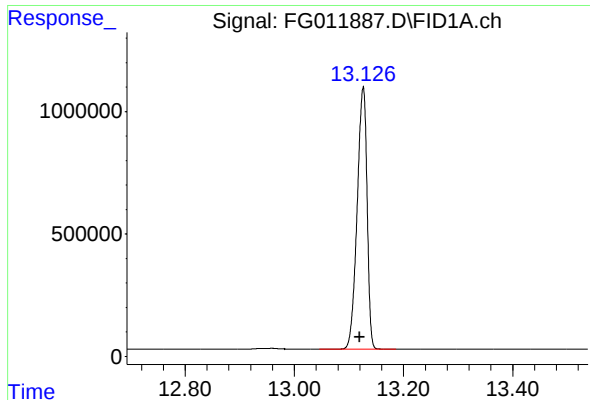
#11 n-Heneicosane (C21)

R.T.: 12.540 min
Delta R.T.: 0.006 min
Response: 13422933
Conc: 98.82 ug/ml



#12 1-chlorooctadecane (SURR)

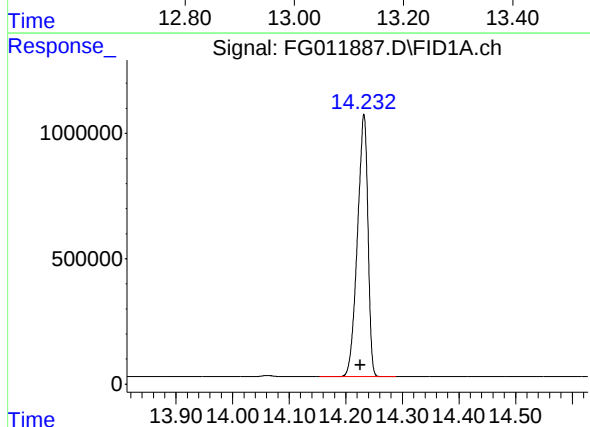
R.T.: 12.372 min
Delta R.T.: 0.007 min
Response: 11920029
Conc: 99.37 ug/ml



#13 n-Docosane (C22)

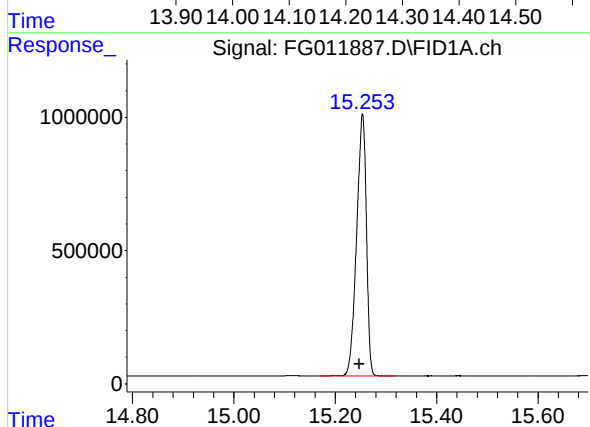
R.T.: 13.126 min
Delta R.T.: 0.006 min
Response: 13468736
Conc: 98.31 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



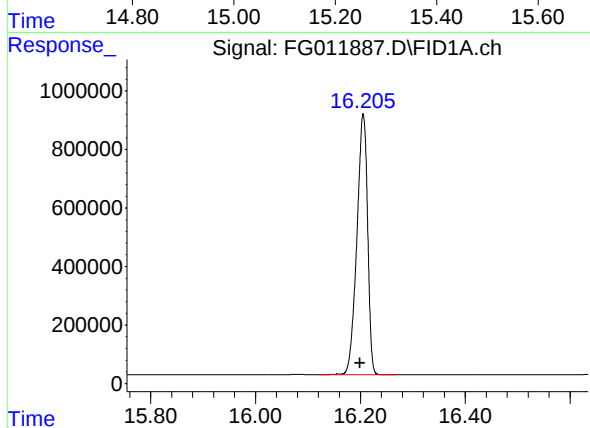
#14 n-Tetracosane (C24)

R.T.: 14.232 min
Delta R.T.: 0.006 min
Response: 13470509
Conc: 97.06 ug/ml



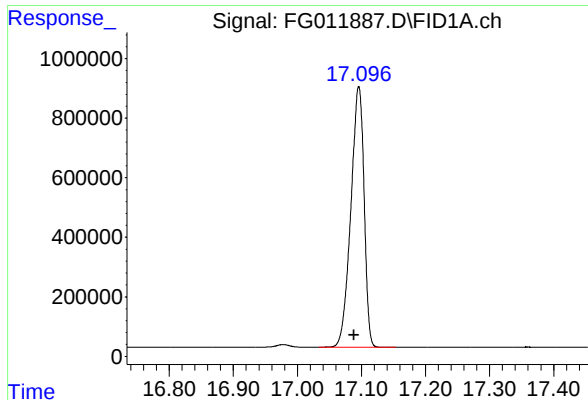
#15 n-Hexacosane (C26)

R.T.: 15.254 min
Delta R.T.: 0.006 min
Response: 13114604
Conc: 95.61 ug/ml



#16 n-Octacosane (C28)

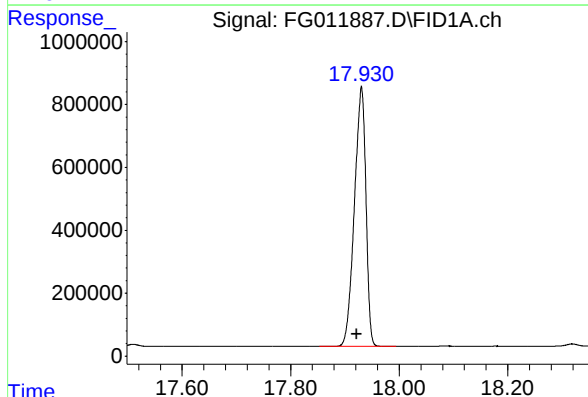
R.T.: 16.205 min
Delta R.T.: 0.006 min
Response: 12636551
Conc: 93.83 ug/ml



#17 n-Tricontane (C30)

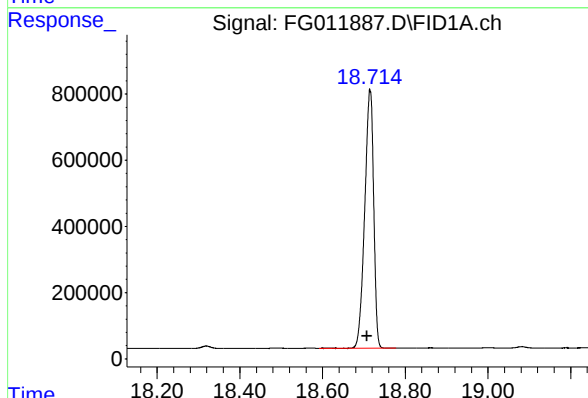
R.T.: 17.096 min
Delta R.T.: 0.007 min
Response: 12554935
Conc: 92.65 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



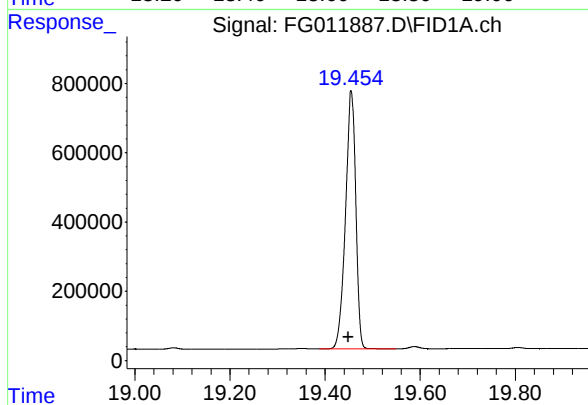
#18 n-Dotriacontane (C32)

R.T.: 17.931 min
Delta R.T.: 0.009 min
Response: 12126793
Conc: 91.85 ug/ml



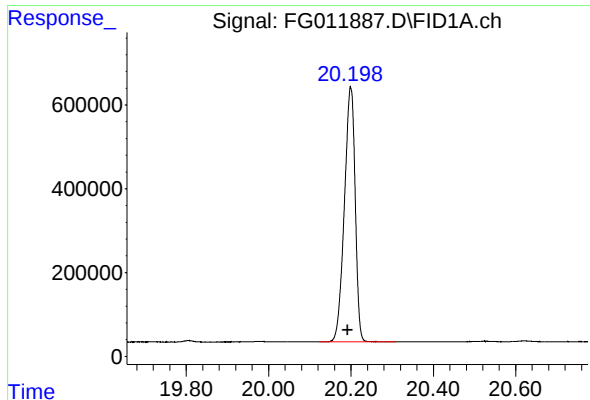
#19 n-Tetratriacontane (C34)

R.T.: 18.715 min
Delta R.T.: 0.007 min
Response: 11723449
Conc: 93.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.455 min
Delta R.T.: 0.006 min
Response: 11246593
Conc: 96.01 ug/ml



#21 n-Octatriacontane (C38)

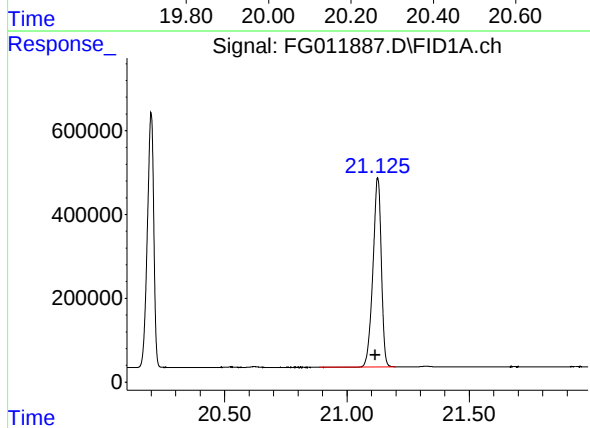
R.T.: 20.199 min
Delta R.T.: 0.008 min
Response: 11019472
Conc: 96.09 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.125 min
Delta R.T.: 0.009 min
Response: 10746798
Conc: 97.10 ug/ml