

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121024AL\
 Data File : FG014943.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 10:00
 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: Dec 10 11:22:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 11:20:07 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)	11.954	14371089	100.718 ug/ml
Spiked Amount 50.000		Recovery =	201.44%
12) S 1-chlorooctadecane (S...	13.392	10590160	101.567 ug/ml
Spiked Amount 50.000		Recovery =	203.13%
Target Compounds			
1) T n-Nonane (C9)	3.321	12749830	99.615 ug/ml
2) T n-Decane (C10)	4.573	13031271	99.742 ug/ml
3) T A~Naphthalene (C11.7)	6.277	13871623	100.138 ug/ml
4) T n-Dodecane (C12)	6.743	13168854	99.876 ug/ml
5) T A~2-methylnaphthalene...	7.376	13316736	100.829 ug/ml
6) T n-Tetradecane (C14)	8.575	13046217	100.055 ug/ml
7) T n-Hexadecane (C16)	10.188	13385156	100.272 ug/ml
8) T n-Octadecane (C18)	11.636	13437857	100.516 ug/ml
10) T n-Eicosane (C20)	12.947	12767391	100.775 ug/ml
11) T n-Heneicosane (C21)	13.560	12506569	100.885 ug/ml
13) T n-Docosane (C22)	14.147	12359877	100.965 ug/ml
14) T n-Tetracosane (C24)	15.253	12118427	100.995 ug/ml
15) T n-Hexacosane (C26)	16.275	11703218	100.954 ug/ml
16) T n-Octacosane (C28)	17.226	11263621	100.618 ug/ml
17) T n-Tricontane (C30)	18.113	11143666	99.840 ug/ml
18) T n-Dotriacontane (C32)	18.945	10492733	99.033 ug/ml
19) T n-Tetratriacontane (C34)	19.730	9127516	98.702 ug/ml
20) T n-Hexatriacontane (C36)	20.469	7815064	98.148 ug/ml
21) T n-Octatriacontane (C38)	21.217	7146774	96.463 ug/ml
22) T n-Tetracontane (C40)	22.153	6495651	94.710 ug/ml

(f)=RT Delta > 1/2 Window

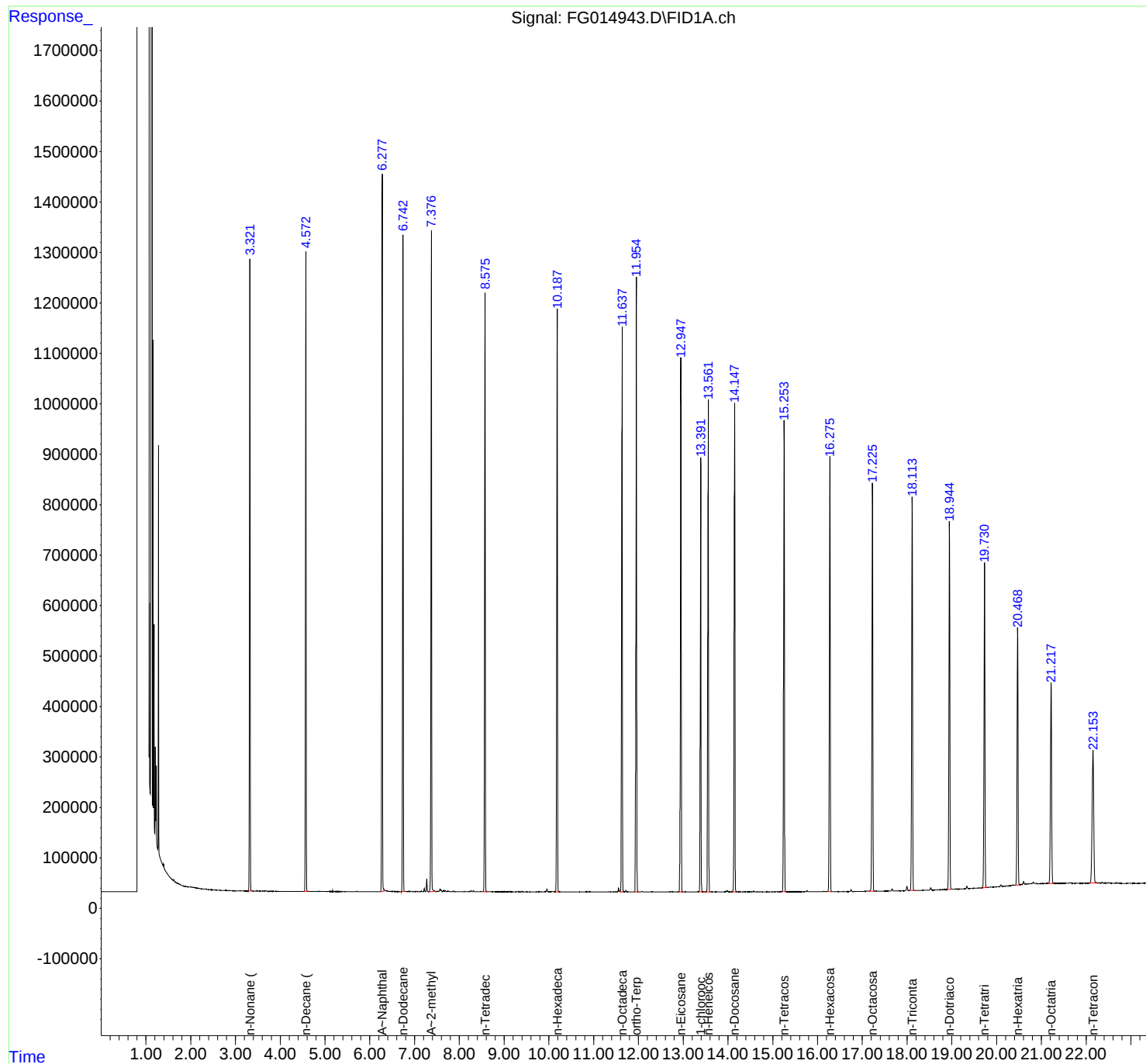
(m)=manual int.

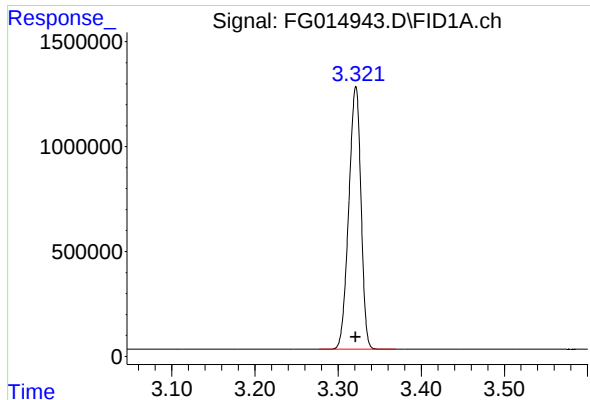
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121024AL\
Data File : FG014943.D
Signal(s) : FID1A.ch
Acq On : 10 Dec 2024 10:00
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Dec 10 11:22:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 11:20:07 2024
Response via : Initial Calibration
Integrator: ChemStation

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

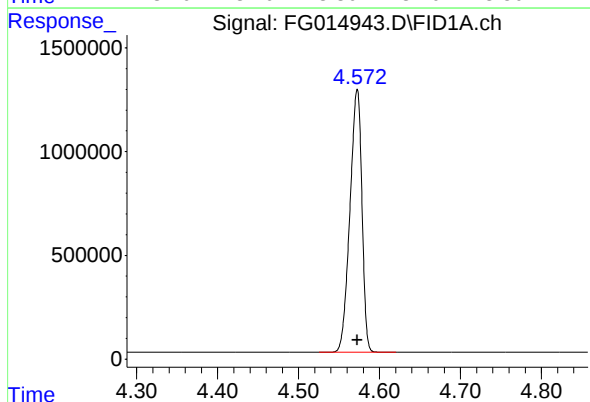




#1 n-Nonane (C9)

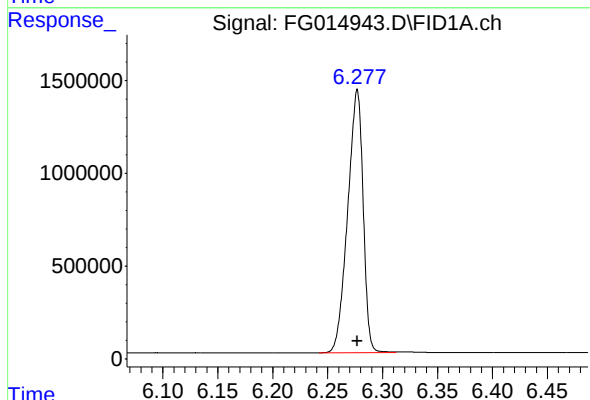
R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 12749830
Conc: 99.61 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



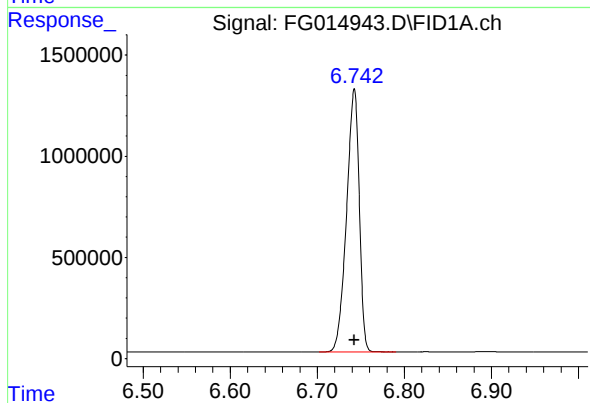
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 13031271
Conc: 99.74 ug/ml



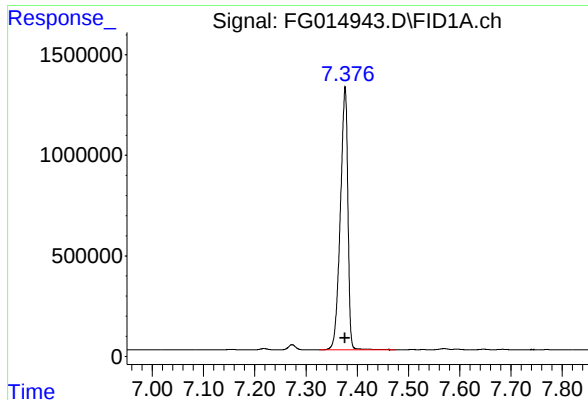
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 13871623
Conc: 100.14 ug/ml



#4 n-Dodecane (C12)

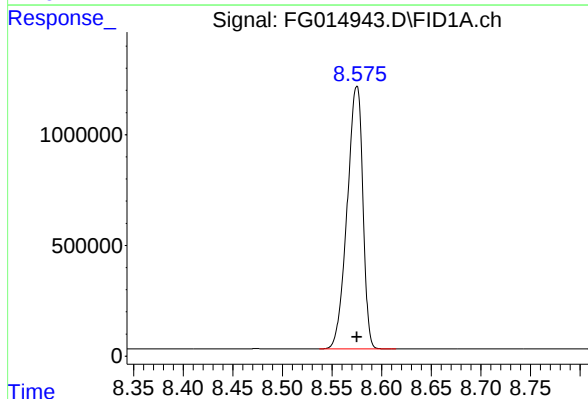
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 13168854
Conc: 99.88 ug/ml



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

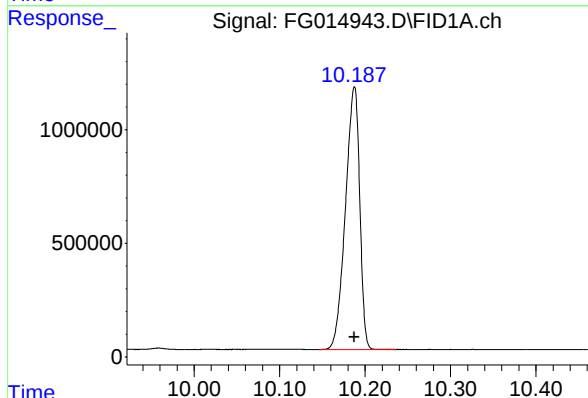
R.T.: 7.376 min
Delta R.T.: 0.000 min
Response: 13316736
Conc: 100.83 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



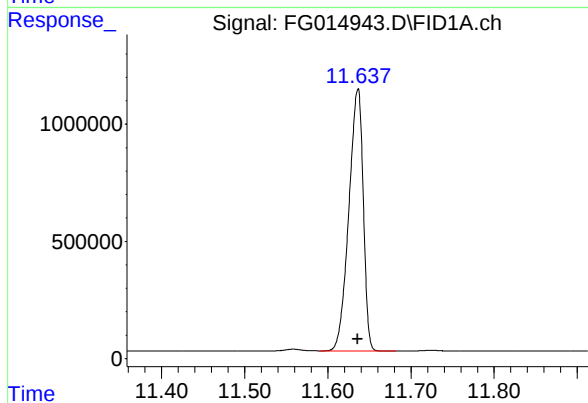
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: 0.000 min
Response: 13046217
Conc: 100.05 ug/ml



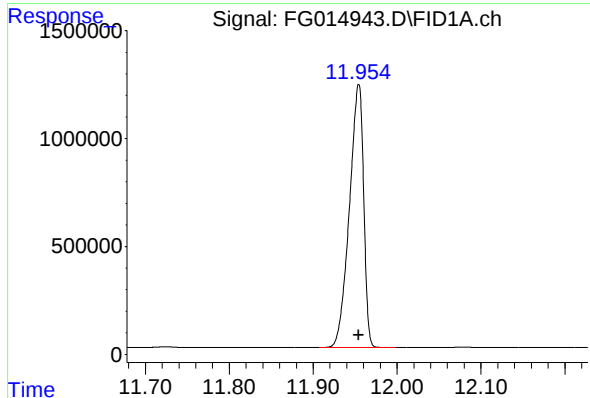
#7 n-Hexadecane (C16)

R.T.: 10.188 min
Delta R.T.: 0.000 min
Response: 13385156
Conc: 100.27 ug/ml



#8 n-Octadecane (C18)

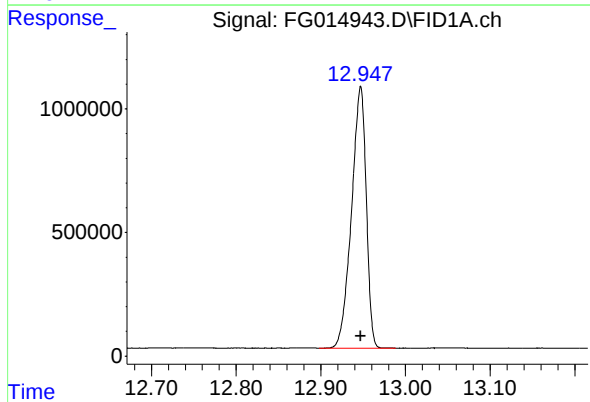
R.T.: 11.636 min
Delta R.T.: 0.000 min
Response: 13437857
Conc: 100.52 ug/ml



#9 ortho-Terphenyl (SURR)

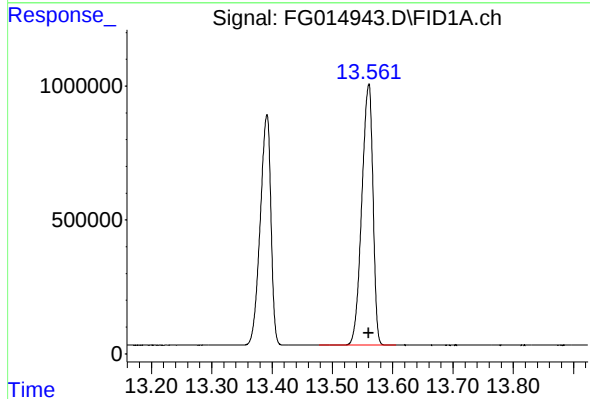
R.T.: 11.954 min
Delta R.T.: 0.000 min
Response: 14371089
Conc: 100.72 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



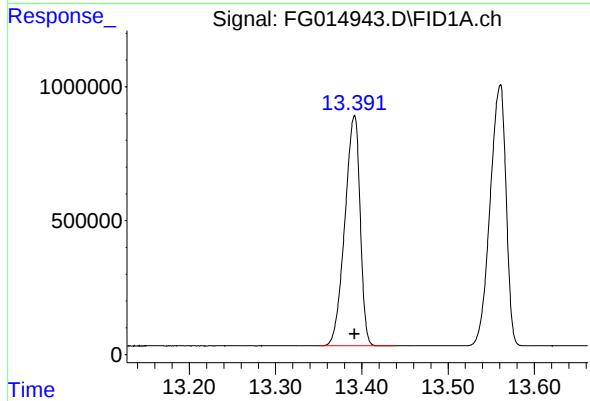
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: 0.000 min
Response: 12767391
Conc: 100.78 ug/ml



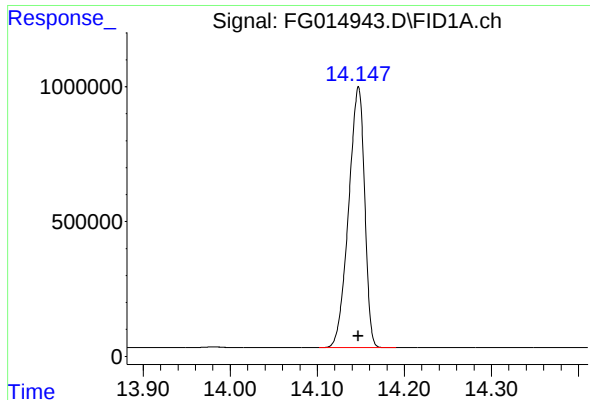
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: 0.000 min
Response: 12506569
Conc: 100.89 ug/ml



#12 1-chlorooctadecane (SURR)

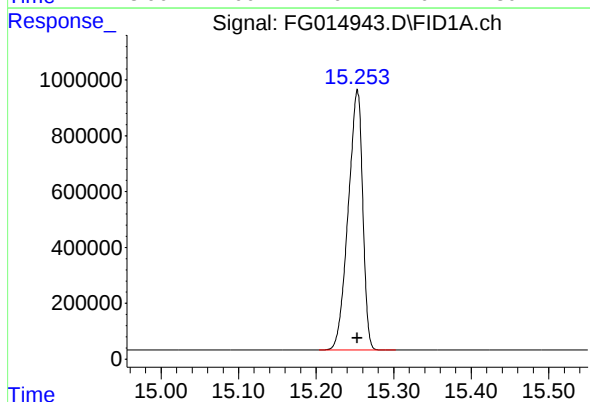
R.T.: 13.392 min
Delta R.T.: 0.000 min
Response: 10590160
Conc: 101.57 ug/ml



#13 n-Docosane (C22)

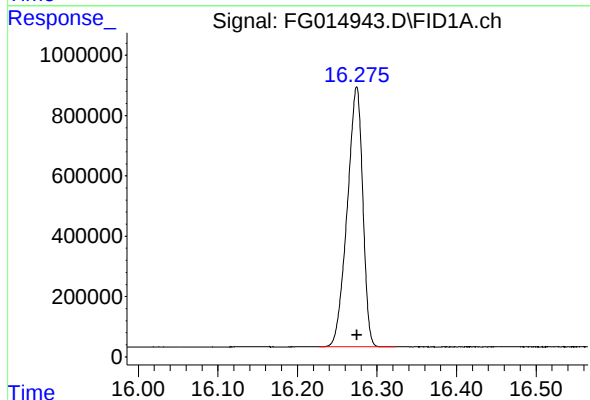
R.T.: 14.147 min
Delta R.T.: 0.000 min
Response: 12359877
Conc: 100.97 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



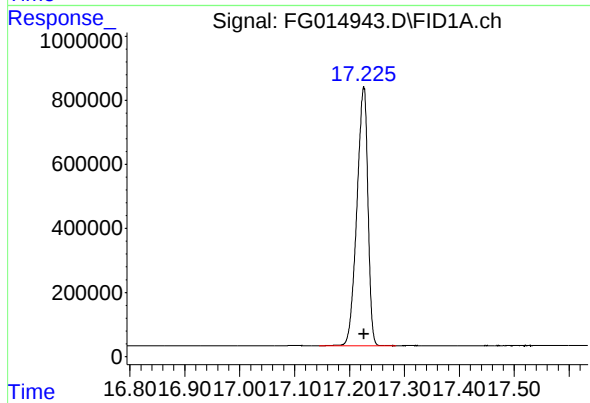
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: 0.000 min
Response: 12118427
Conc: 100.99 ug/ml



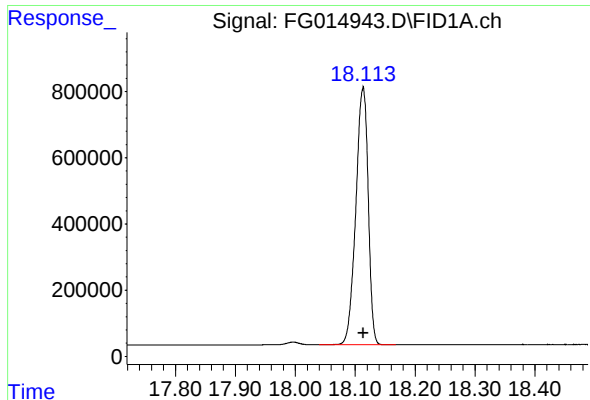
#15 n-Hexacosane (C26)

R.T.: 16.275 min
Delta R.T.: 0.000 min
Response: 11703218
Conc: 100.95 ug/ml



#16 n-Octacosane (C28)

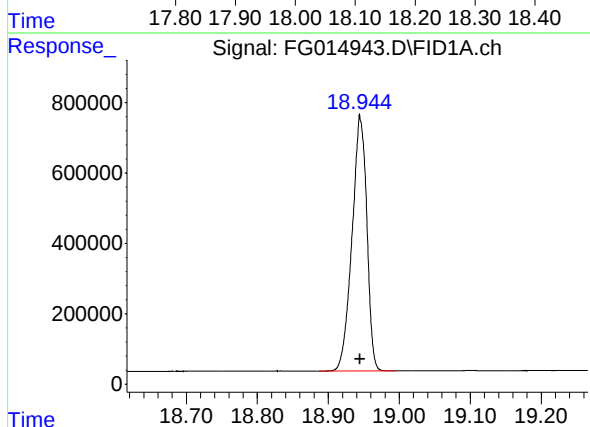
R.T.: 17.226 min
Delta R.T.: 0.000 min
Response: 11263621
Conc: 100.62 ug/ml



#17 n-Tricontane (C30)

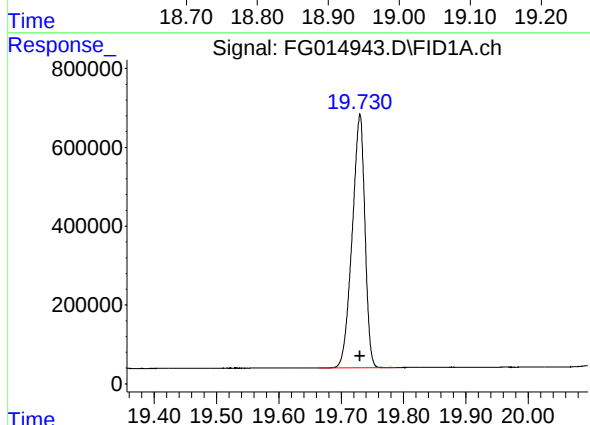
R.T.: 18.113 min
Delta R.T.: 0.000 min
Response: 11143666
Conc: 99.84 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



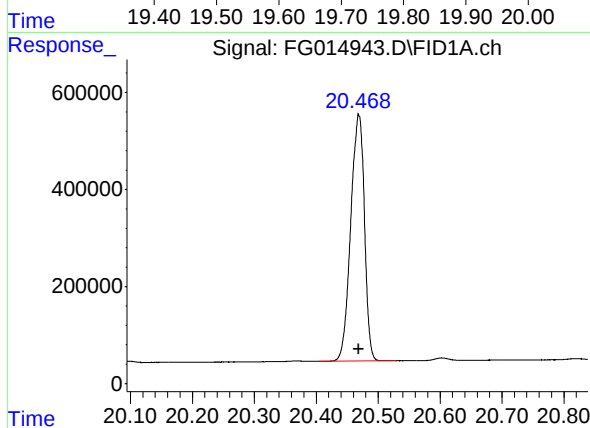
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: 0.000 min
Response: 10492733
Conc: 99.03 ug/ml



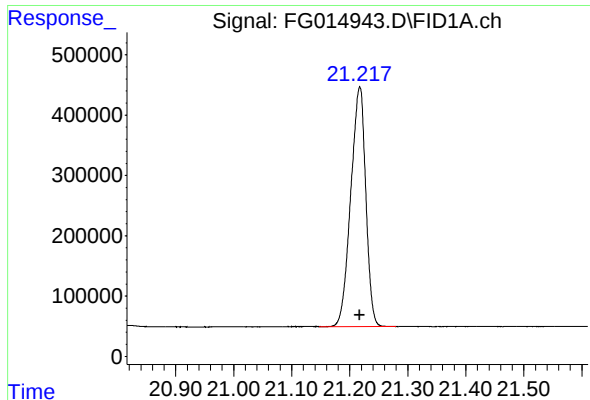
#19 n-Tetatriacontane (C34)

R.T.: 19.730 min
Delta R.T.: 0.000 min
Response: 9127516
Conc: 98.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.469 min
Delta R.T.: 0.000 min
Response: 7815064
Conc: 98.15 ug/ml



#21 n-Octatriacontane (C38)

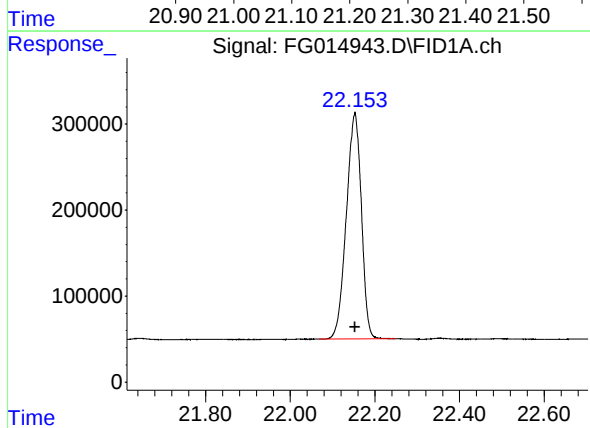
R.T.: 21.217 min
Delta R.T.: 0.000 min
Response: 7146774
Conc: 96.46 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: 0.000 min
Response: 6495651
Conc: 94.71 ug/ml