

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081023AL\
 Data File : FG012659.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2023 11:11
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 10 12:46:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 12:45:52 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)	11.991	13208630	98.831 ug/ml
Spiked Amount 50.000		Recovery =	197.66%
12) S 1-chlorooctadecane (S...	13.429	10228625	98.839 ug/ml
Spiked Amount 50.000		Recovery =	197.68%
Target Compounds			
1) T n-Nonane (C9)	3.350	10170415	98.557 ug/ml
2) T n-Decane (C10)	4.602	10256092	98.223 ug/ml
3) T A~Naphthalene (C11.7)	6.308	11178499	98.582 ug/ml
4) T n-Dodecane (C12)	6.774	10453200	98.521 ug/ml
5) T A~2-methylnaphthalene...	7.409	11257165	98.973 ug/ml
6) T n-Tetradecane (C14)	8.608	10503416	98.499 ug/ml
7) T n-Hexadecane (C16)	10.220	10662435	98.780 ug/ml
8) T n-Octadecane (C18)	11.670	10792886	98.587 ug/ml
10) T n-Eicosane (C20)	12.983	10772715	98.351 ug/ml
11) T n-Heneicosane (C21)	13.598	10740527	97.971 ug/ml
13) T n-Docosane (C22)	14.185	10656759	97.909 ug/ml
14) T n-Tetracosane (C24)	15.291	10467143	97.489 ug/ml
15) T n-Hexacosane (C26)	16.314	10174365	97.261 ug/ml
16) T n-Octacosane (C28)	17.266	9775371	97.085 ug/ml
17) T n-Tricontane (C30)	18.154	9565198	96.520 ug/ml
18) T n-Dotriacontane (C32)	18.988	9314291	94.344 ug/ml
19) T n-Tetratriacontane (C34)	19.771	8846003	96.302 ug/ml
20) T n-Hexatriacontane (C36)	20.511	8729890	97.072 ug/ml
21) T n-Octatriacontane (C38)	21.269	8334498	97.413 ug/ml
22) T n-Tetracontane (C40)	22.223	8075574	98.417 ug/ml

(f)=RT Delta > 1/2 Window

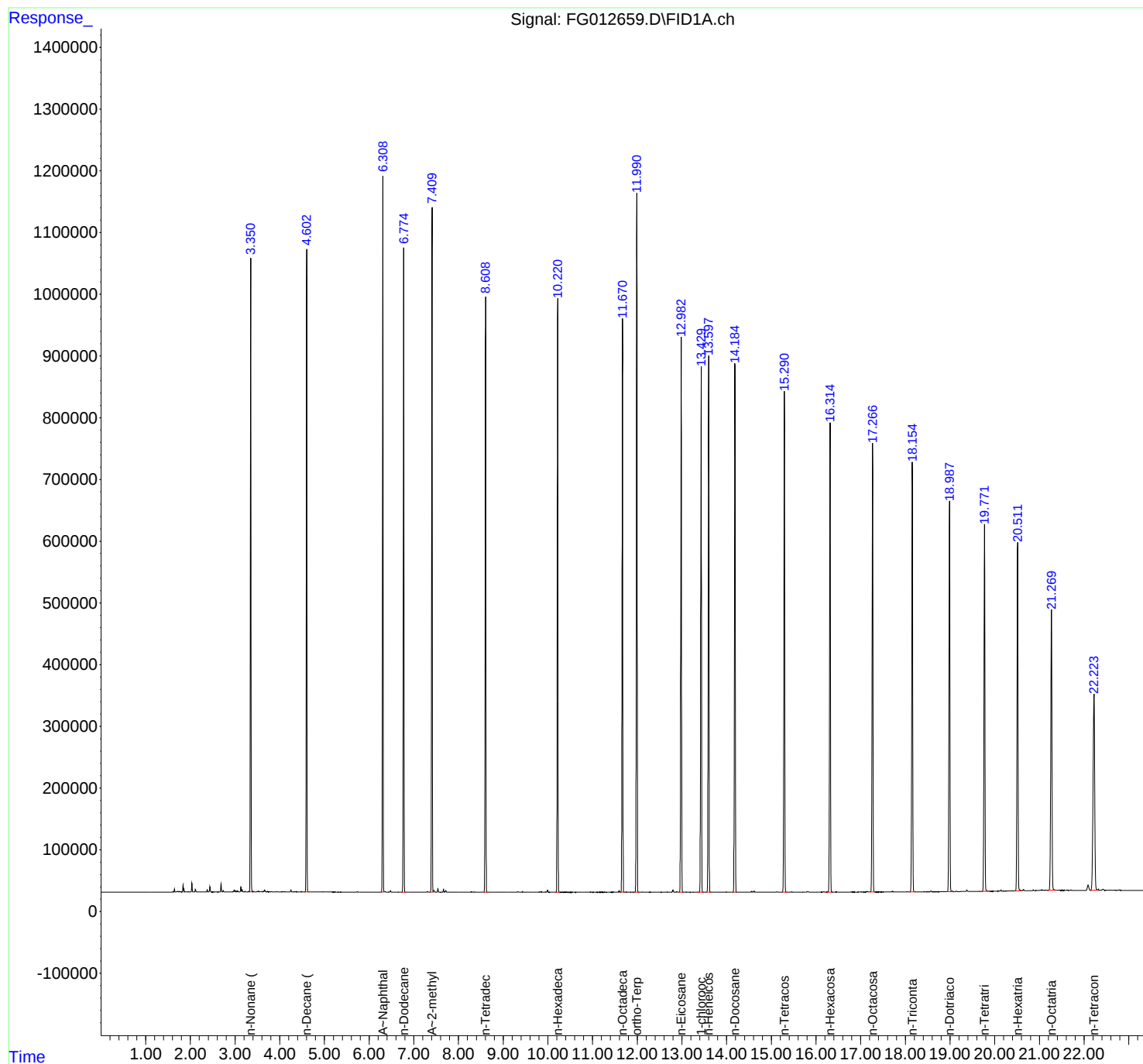
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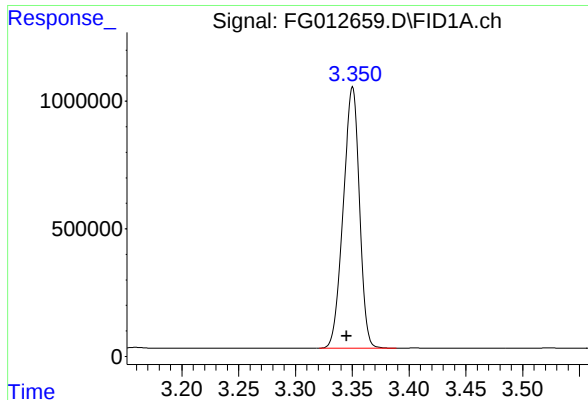
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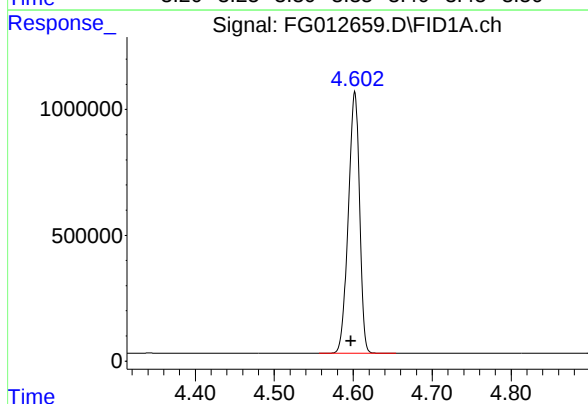




#1 n-Nonane (C9)

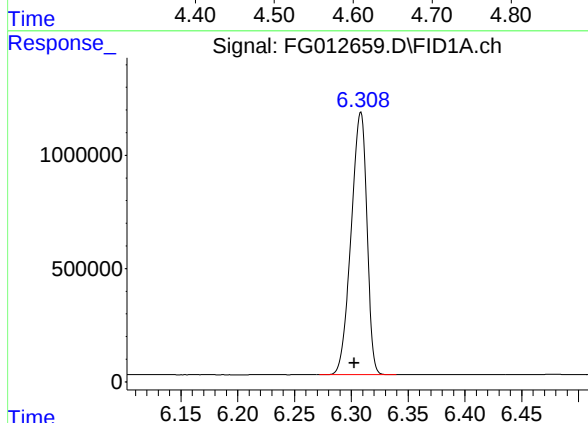
R.T.: 3.350 min
Delta R.T.: 0.005 min
Response: 10170415
Conc: 98.56 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



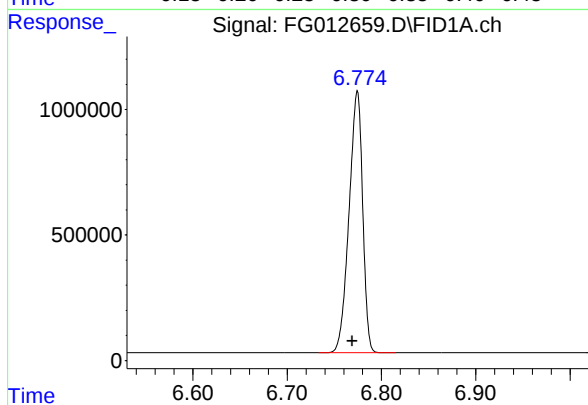
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: 0.005 min
Response: 10256092
Conc: 98.22 ug/ml



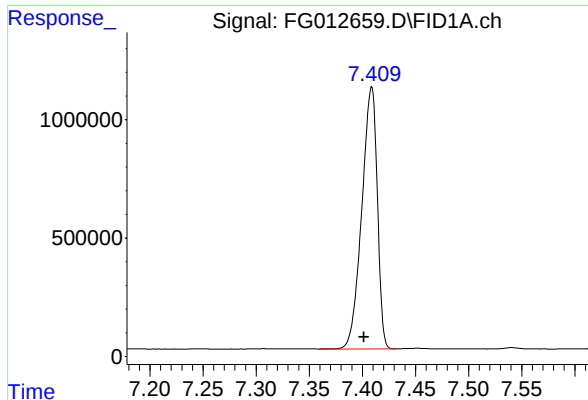
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.006 min
Response: 11178499
Conc: 98.58 ug/ml



#4 n-Dodecane (C12)

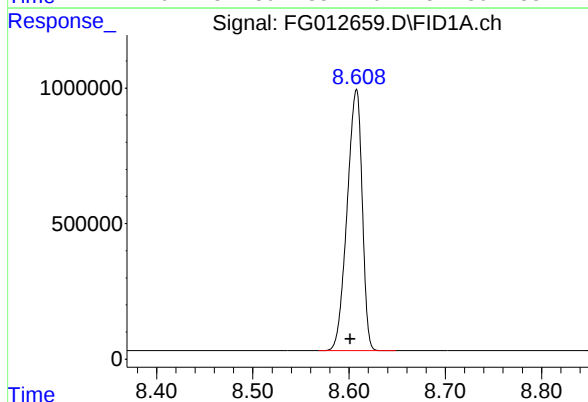
R.T.: 6.774 min
Delta R.T.: 0.005 min
Response: 10453200
Conc: 98.52 ug/ml



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

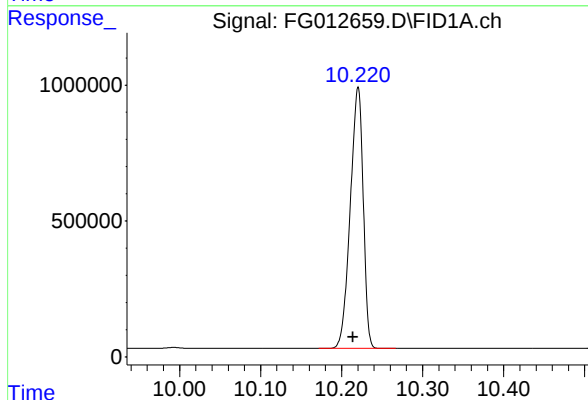
R.T.: 7.409 min
Delta R.T.: 0.007 min
Response: 11257165
Conc: 98.97 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



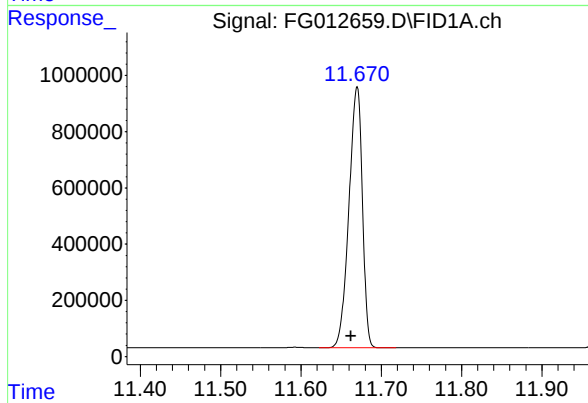
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: 0.006 min
Response: 10503416
Conc: 98.50 ug/ml



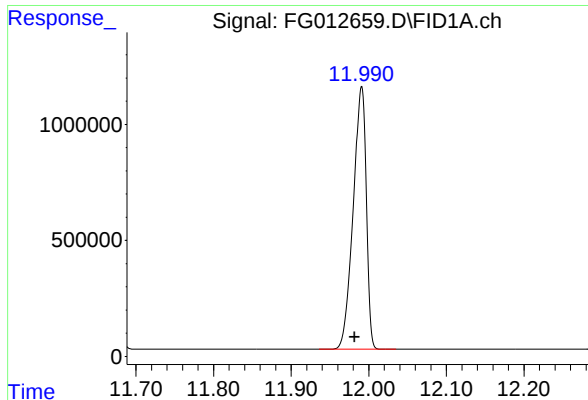
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.006 min
Response: 10662435
Conc: 98.78 ug/ml



#8 n-Octadecane (C18)

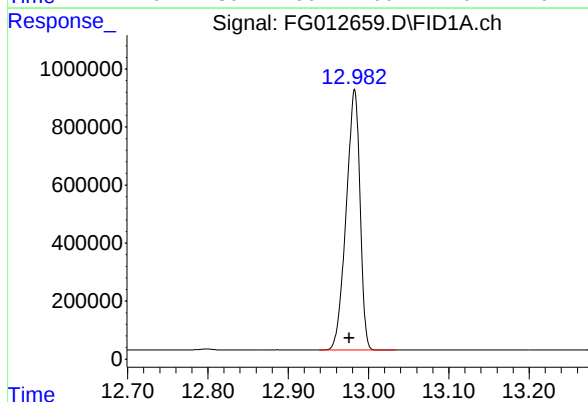
R.T.: 11.670 min
Delta R.T.: 0.007 min
Response: 10792886
Conc: 98.59 ug/ml



#9 ortho-Terphenyl (SURR)

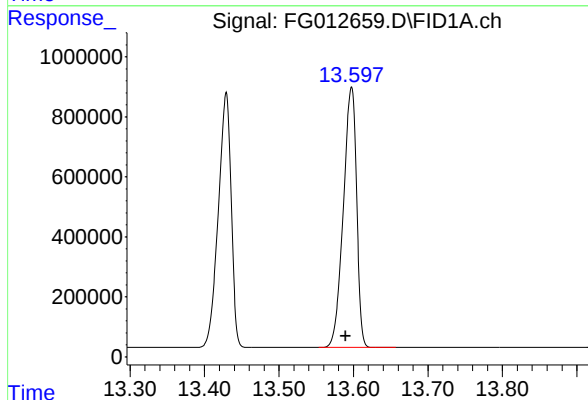
R.T.: 11.991 min
Delta R.T.: 0.009 min
Response: 13208630
Conc: 98.83 ug/ml

Instrument :
FID_G
ClientSampleId :
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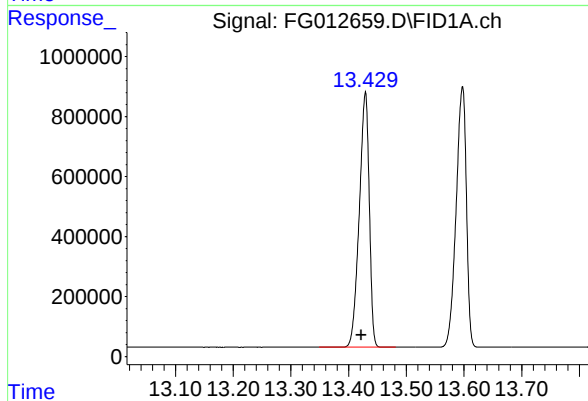
#10 n-Eicosane (C20)

R.T.: 12.983 min
Delta R.T.: 0.007 min
Response: 10772715
Conc: 98.35 ug/ml



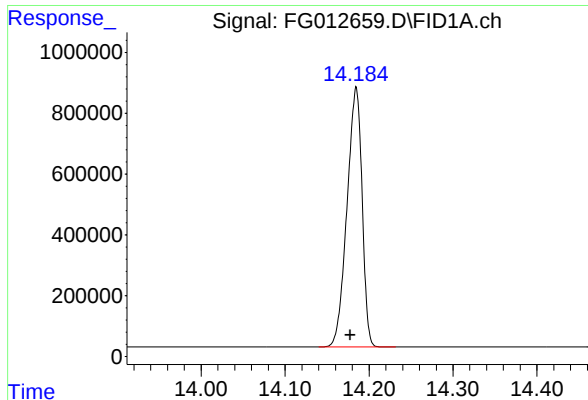
#11 n-Heneicosane (C21)

R.T.: 13.598 min
Delta R.T.: 0.008 min
Response: 10740527
Conc: 97.97 ug/ml



#12 1-chlorooctadecane (SURR)

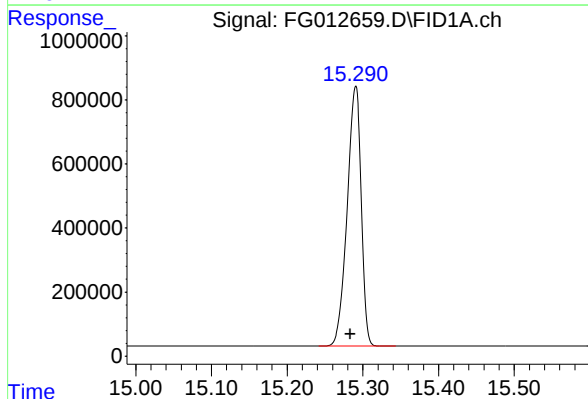
R.T.: 13.429 min
Delta R.T.: 0.007 min
Response: 10228625
Conc: 98.84 ug/ml



#13 n-Docosane (C22)

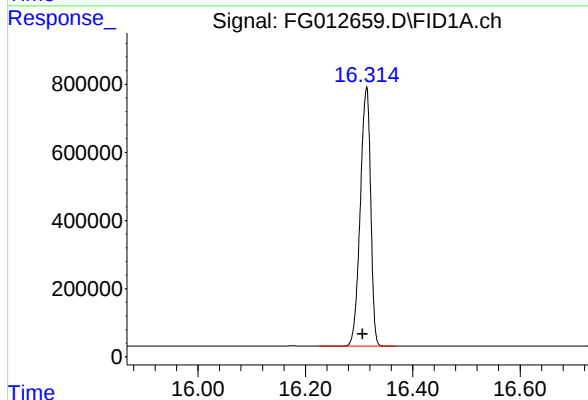
R.T.: 14.185 min
Delta R.T.: 0.007 min
Response: 10656759
Conc: 97.91 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



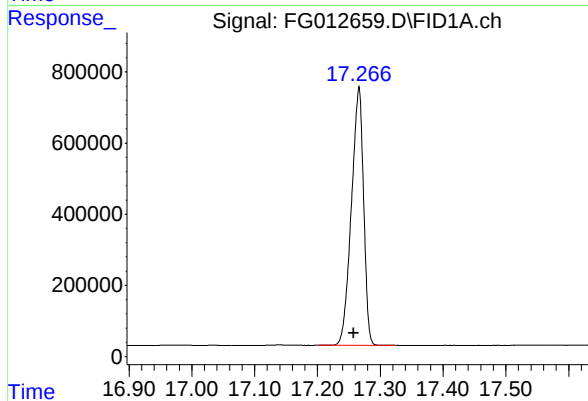
#14 n-Tetracosane (C24)

R.T.: 15.291 min
Delta R.T.: 0.007 min
Response: 10467143
Conc: 97.49 ug/ml



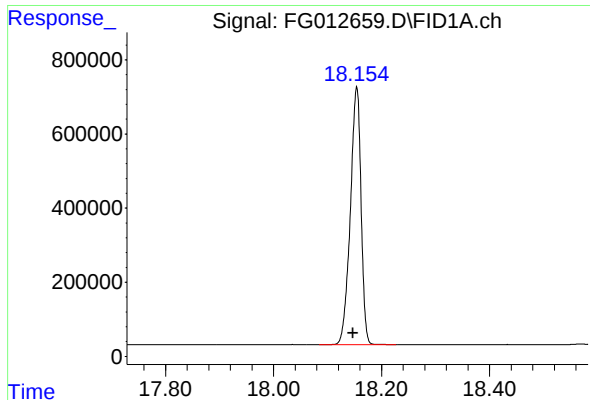
#15 n-Hexacosane (C26)

R.T.: 16.314 min
Delta R.T.: 0.008 min
Response: 10174365
Conc: 97.26 ug/ml



#16 n-Octacosane (C28)

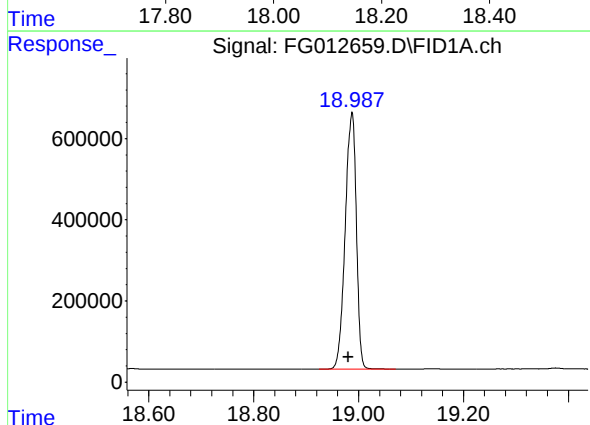
R.T.: 17.266 min
Delta R.T.: 0.008 min
Response: 9775371
Conc: 97.09 ug/ml



#17 n-Tricontane (C30)

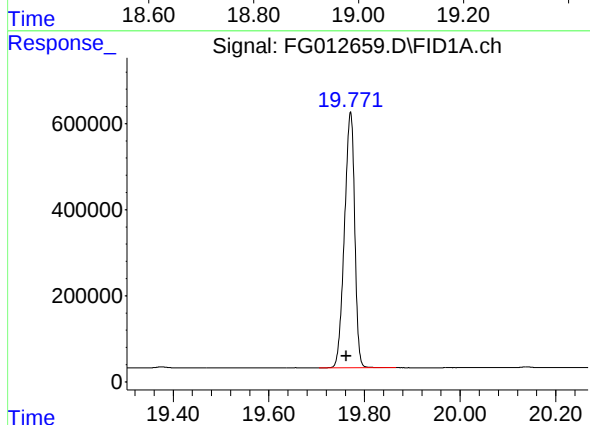
R.T.: 18.154 min
Delta R.T.: 0.007 min
Response: 9565198
Conc: 96.52 ug/ml

Instrument :
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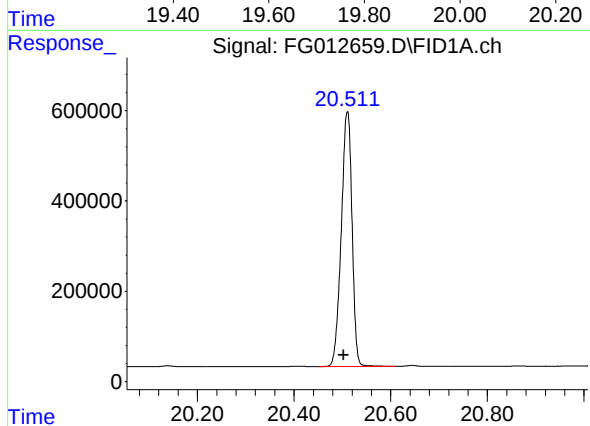
#18 n-Dotriacontane (C32)

R.T.: 18.988 min
Delta R.T.: 0.008 min
Response: 9314291
Conc: 94.34 ug/ml



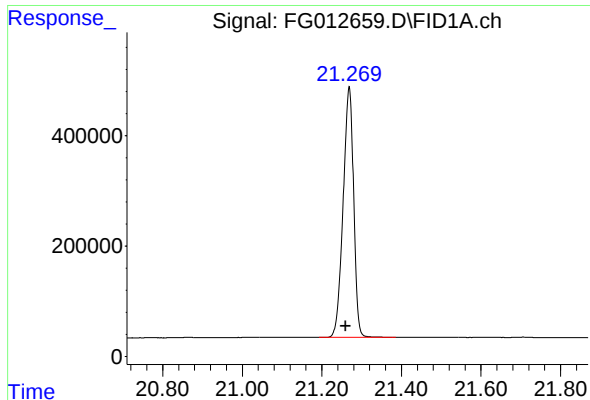
#19 n-Tetratriacontane (C34)

R.T.: 19.771 min
Delta R.T.: 0.009 min
Response: 8846003
Conc: 96.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.511 min
Delta R.T.: 0.008 min
Response: 8729890
Conc: 97.07 ug/ml



#21 n-Octatriacontane (C38)

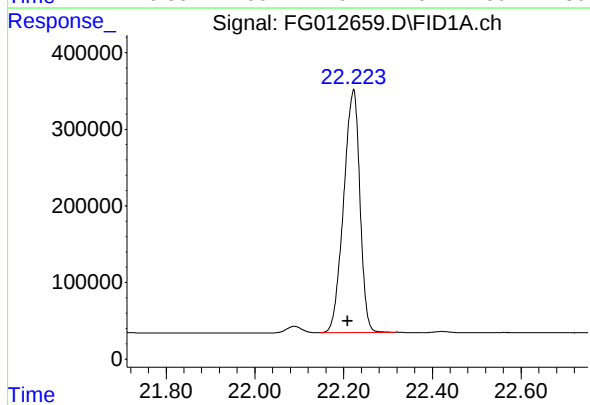
R.T.: 21.269 min
Delta R.T.: 0.009 min
Response: 8334498
Conc: 97.41 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.223 min
Delta R.T.: 0.013 min
Response: 8075574
Conc: 98.42 ug/ml