

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062023AL\
 Data File : FG012239.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 11:56
 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: Jun 20 13:22:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 13:22:09 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)	10.914	14464140	91.068 ug/ml
Spiked Amount 50.000		Recovery =	182.14%
12) S 1-chlorooctadecane (S...	12.350	10824582	91.304 ug/ml
Spiked Amount 50.000		Recovery =	182.61%
Target Compounds			
1) T n-Nonane (C9)	2.749	11374913	91.886 ug/ml
2) T n-Decane (C10)	3.760	11707302	91.835 ug/ml
3) T A~Naphthalene (C11.7)	5.329	13435861	93.312 ug/ml
4) T n-Dodecane (C12)	5.753	12038659	92.111 ug/ml
5) T A~2-methylnaphthalene...	6.381	13108796	94.921 ug/ml
6) T n-Tetradecane (C14)	7.547	12221792	92.789 ug/ml
7) T n-Hexadecane (C16)	9.150	12830468	91.933 ug/ml
8) T n-Octadecane (C18)	10.595	13072265	91.015 ug/ml
10) T n-Eicosane (C20)	11.904	12537090	90.151 ug/ml
11) T n-Heneicosane (C21)	12.517	12260115	90.787 ug/ml
13) T n-Docosane (C22)	13.103	12080355	88.443 ug/ml
14) T n-Tetracosane (C24)	14.208	11875900	81.379 ug/ml
15) T n-Hexacosane (C26)	15.230	11401467	81.359 ug/ml
16) T n-Octacosane (C28)	16.181	11089765	79.015 ug/ml
17) T n-Tricontane (C30)	17.070	11216644	77.201 ug/ml
18) T n-Dotriacontane (C32)	17.904	11077122	78.019 ug/ml
19) T n-Tetratriacontane (C34)	18.688	10915794	82.475 ug/ml
20) T n-Hexatriacontane (C36)	19.430	10714611	85.994 ug/ml
21) T n-Octatriacontane (C38)	20.170	10715237	88.384 ug/ml
22) T n-Tetracontane (C40)	21.084	10674091	89.790 ug/ml

(f)=RT Delta > 1/2 Window

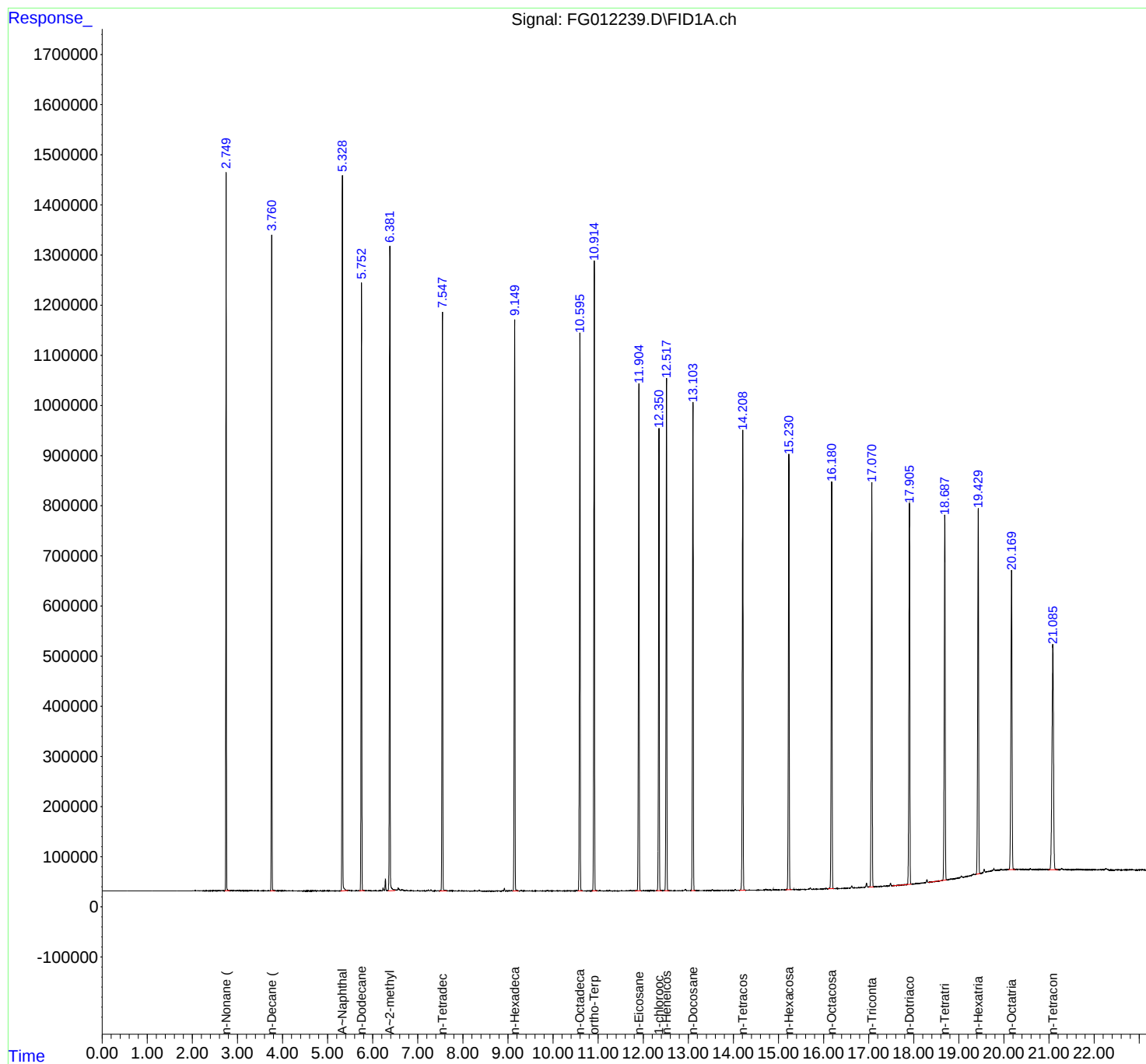
(m)=manual int.

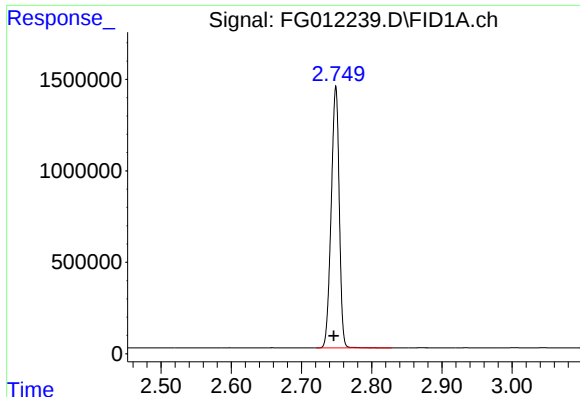
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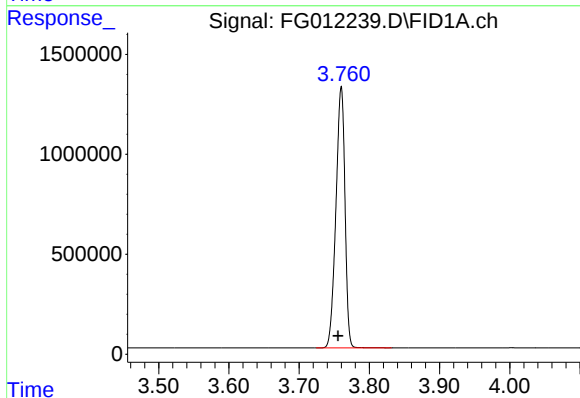




#1 n-Nonane (C9)

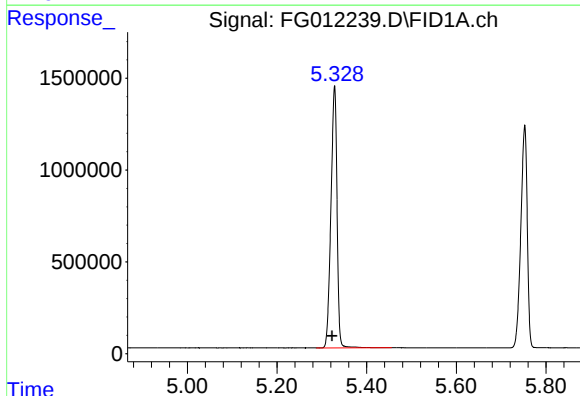
R.T.: 2.749 min
Delta R.T.: 0.003 min
Response: 11374913
Conc: 91.89 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



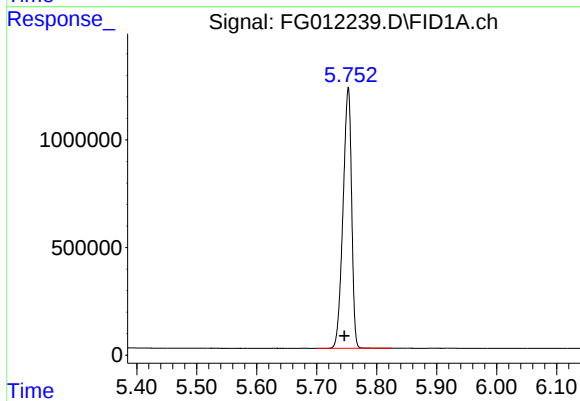
#2 n-Decane (C10)

R.T.: 3.760 min
Delta R.T.: 0.005 min
Response: 11707302
Conc: 91.84 ug/ml



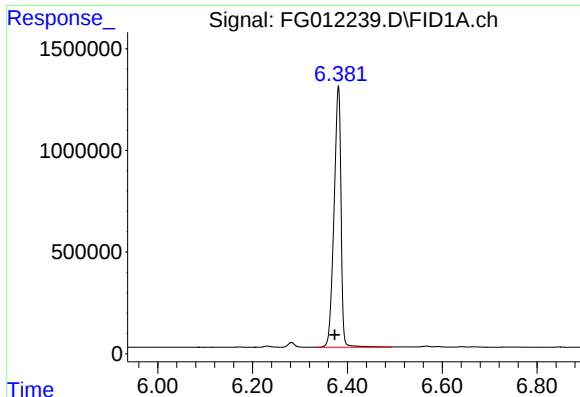
#3 A~Naphthalene (C11.7)

R.T.: 5.329 min
Delta R.T.: 0.006 min
Response: 13435861
Conc: 93.31 ug/ml



#4 n-Dodecane (C12)

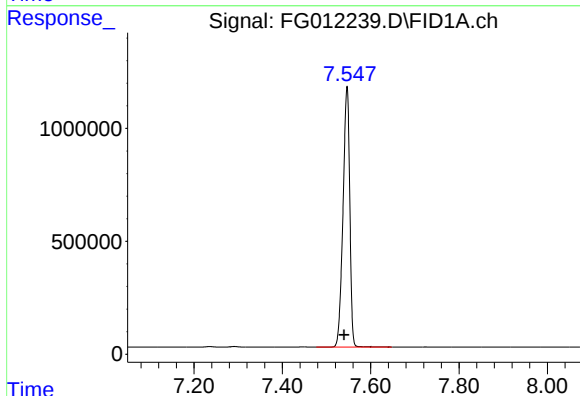
R.T.: 5.753 min
Delta R.T.: 0.006 min
Response: 12038659
Conc: 92.11 ug/ml



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

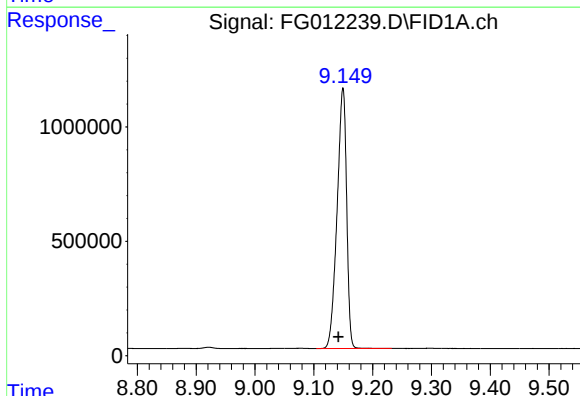
R.T.: 6.381 min
Delta R.T.: 0.008 min
Response: 13108796
Conc: 94.92 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



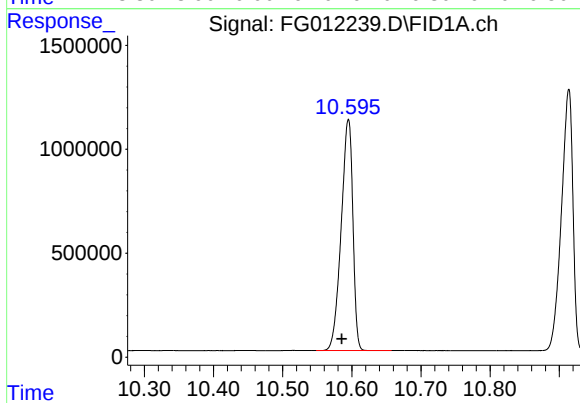
#6 n-Tetradecane (C14)

R.T.: 7.547 min
Delta R.T.: 0.007 min
Response: 12221792
Conc: 92.79 ug/ml



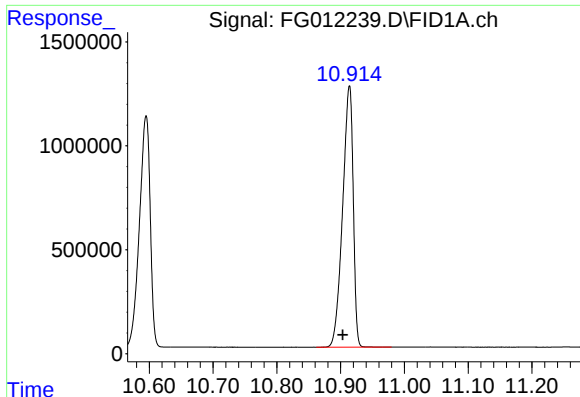
#7 n-Hexadecane (C16)

R.T.: 9.150 min
Delta R.T.: 0.008 min
Response: 12830468
Conc: 91.93 ug/ml



#8 n-Octadecane (C18)

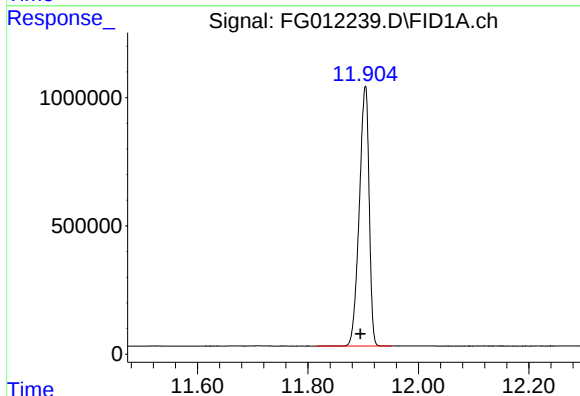
R.T.: 10.595 min
Delta R.T.: 0.010 min
Response: 13072265
Conc: 91.01 ug/ml



#9 ortho-Terphenyl (SURR)

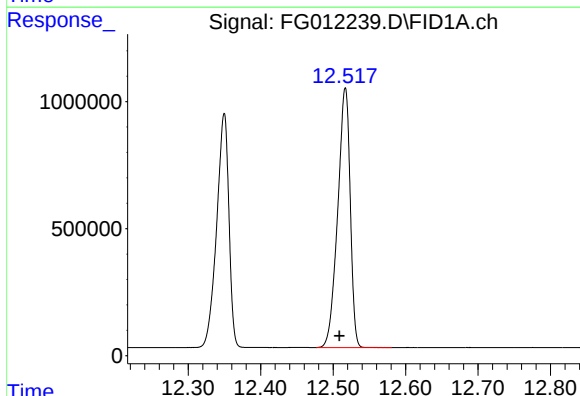
R.T.: 10.914 min
Delta R.T.: 0.010 min
Response: 14464140
Conc: 91.07 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



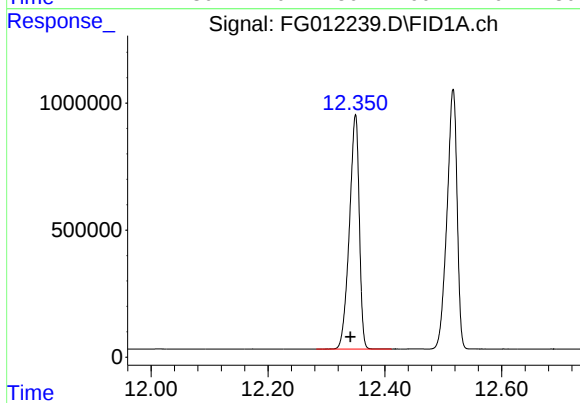
#10 n-Eicosane (C20)

R.T.: 11.904 min
Delta R.T.: 0.009 min
Response: 12537090
Conc: 90.15 ug/ml



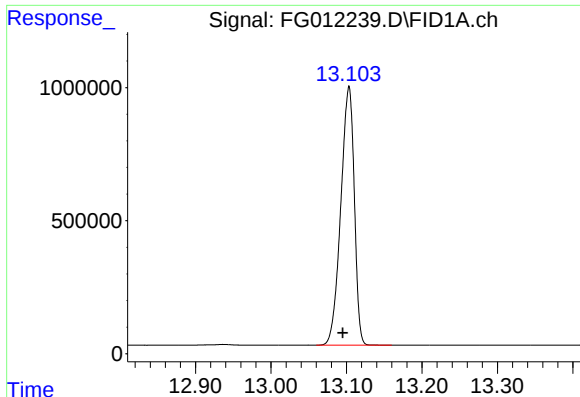
#11 n-Heneicosane (C21)

R.T.: 12.517 min
Delta R.T.: 0.008 min
Response: 12260115
Conc: 90.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.350 min
Delta R.T.: 0.009 min
Response: 10824582
Conc: 91.30 ug/ml



#13 n-Docosane (C22)

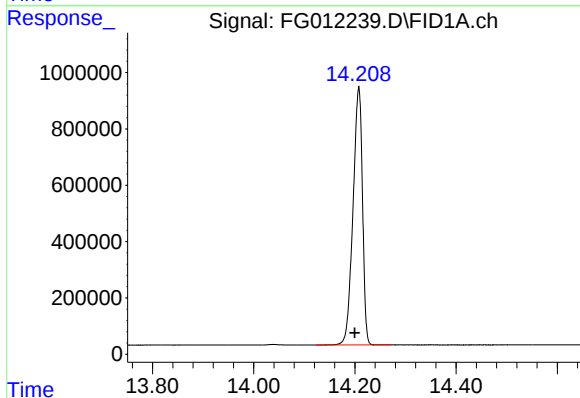
R.T.: 13.103 min
Delta R.T.: 0.008 min
Response: 12080355
Conc: 88.44 ug/ml

Instrument :

FID_G

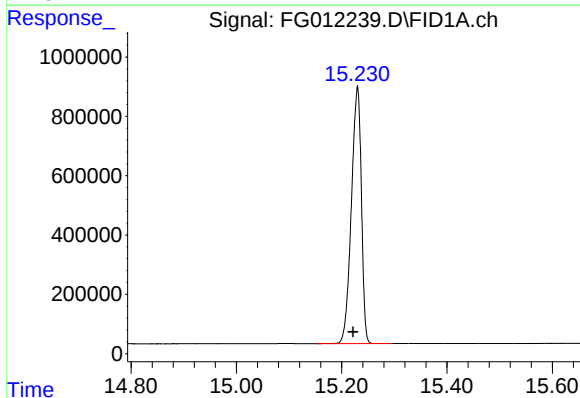
ClientSampleId :

100 PPM ALIPHATIC HC STD1



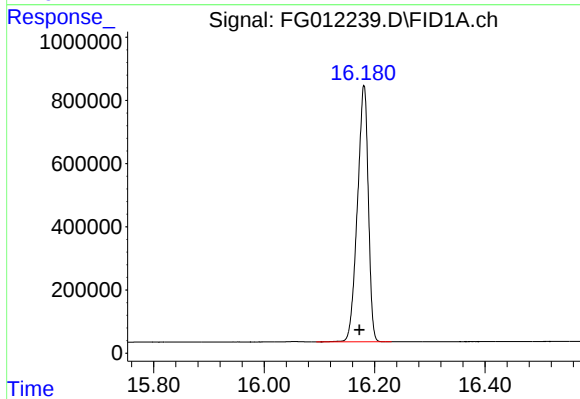
#14 n-Tetracosane (C24)

R.T.: 14.208 min
Delta R.T.: 0.008 min
Response: 11875900
Conc: 81.38 ug/ml



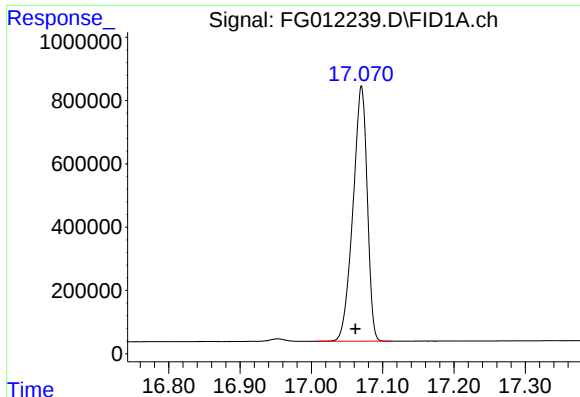
#15 n-Hexacosane (C26)

R.T.: 15.230 min
Delta R.T.: 0.008 min
Response: 11401467
Conc: 81.36 ug/ml



#16 n-Octacosane (C28)

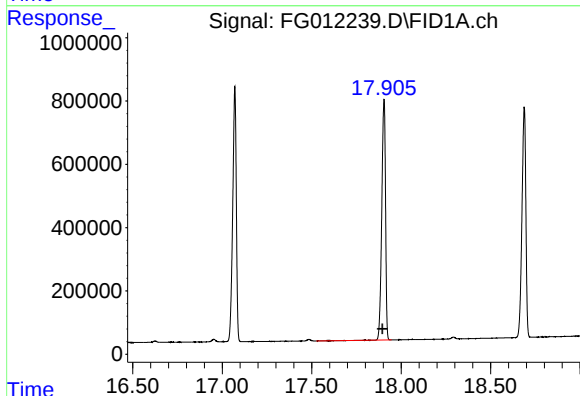
R.T.: 16.181 min
Delta R.T.: 0.008 min
Response: 11089765
Conc: 79.02 ug/ml



#17 n-Tricontane (C30)

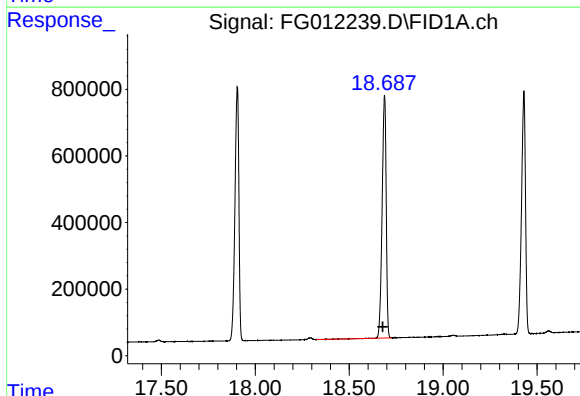
R.T.: 17.070 min
Delta R.T.: 0.008 min
Response: 11216644
Conc: 77.20 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



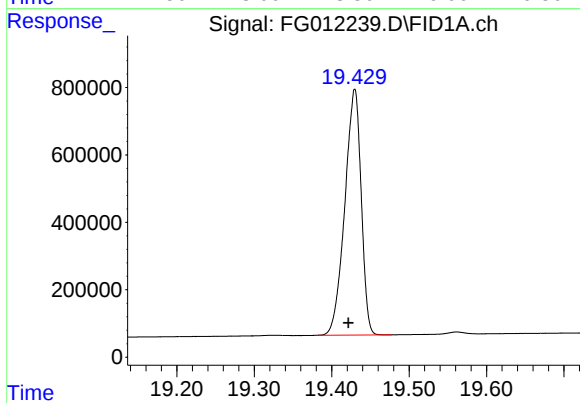
#18 n-Dotriacontane (C32)

R.T.: 17.904 min
Delta R.T.: 0.009 min
Response: 11077122
Conc: 78.02 ug/ml



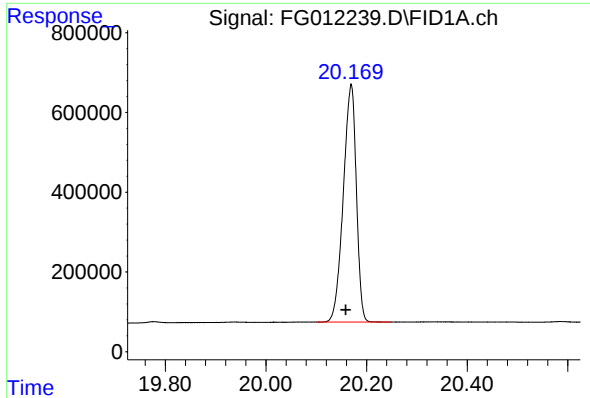
#19 n-Tetratriacontane (C34)

R.T.: 18.688 min
Delta R.T.: 0.009 min
Response: 10915794
Conc: 82.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.430 min
Delta R.T.: 0.008 min
Response: 10714611
Conc: 85.99 ug/ml



#21 n-Octatriacontane (C38)

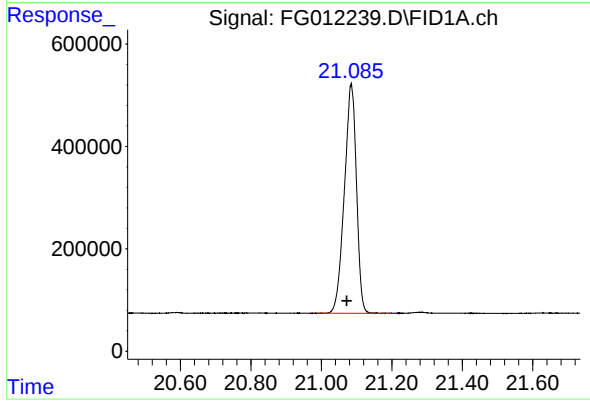
R.T.: 20.170 min
Delta R.T.: 0.011 min
Response: 10715237
Conc: 88.38 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.084 min
Delta R.T.: 0.012 min
Response: 10674091
Conc: 89.79 ug/ml