

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071423AL\
 Data File : FG012392.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2023 20:09
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jul 15 01:16:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:16:10 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)	10.887	1517702	9.834 ug/ml
Spiked Amount 50.000		Recovery =	19.67%
12) S 1-chlorooctadecane (S...	12.327	1125506	9.802 ug/ml
Spiked Amount 50.000		Recovery =	19.60%
Target Compounds			
1) T n-Nonane (C9)	2.737	1201405	9.779 ug/ml
2) T n-Decane (C10)	3.745	1224044	9.741 ug/ml
3) T A~Naphthalene (C11.7)	5.312	1329949	9.634 ug/ml
4) T n-Dodecane (C12)	5.735	1236815	9.730 ug/ml
5) T A~2-methylnaphthalene...	6.361	1239538	9.437 ug/ml
6) T n-Tetradecane (C14)	7.527	1220318	9.633 ug/ml
7) T n-Hexadecane (C16)	9.129	1279969	9.629 ug/ml
8) T n-Octadecane (C18)	10.571	1342335	9.768 ug/ml
10) T n-Eicosane (C20)	11.882	1316551	9.854 ug/ml
11) T n-Heneicosane (C21)	12.493	1290738	9.855 ug/ml
13) T n-Docosane (C22)	13.080	1277839	9.818 ug/ml
14) T n-Tetracosane (C24)	14.184	1394452	10.354 ug/ml
15) T n-Hexacosane (C26)	15.207	1219894	9.781 ug/ml
16) T n-Octacosane (C28)	16.159	1218020	9.919 ug/ml
17) T n-Tricontane (C30)	17.047	1289446	10.187 ug/ml
18) T n-Dotriacontane (C32)	17.879	1310672	10.388 ug/ml
19) T n-Tetratriacontane (C34)	18.665	1266596	10.327 ug/ml
20) T n-Hexatriacontane (C36)	19.406	1216851	10.198 ug/ml
21) T n-Octatriacontane (C38)	20.141	1180500	10.085 ug/ml
22) T n-Tetracontane (C40)	21.048	1157194	10.106 ug/ml

(f)=RT Delta > 1/2 Window

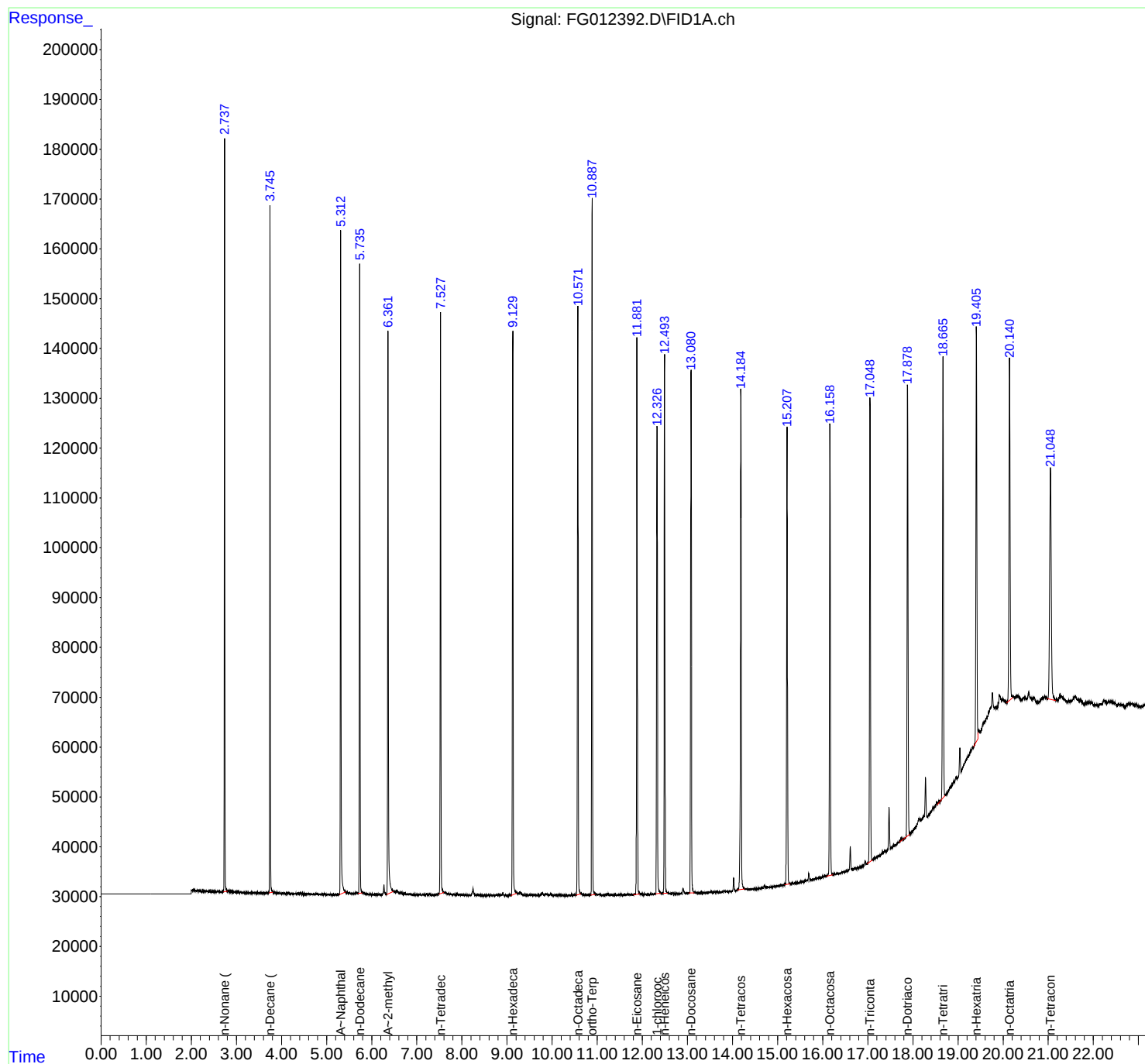
(m)=manual int.

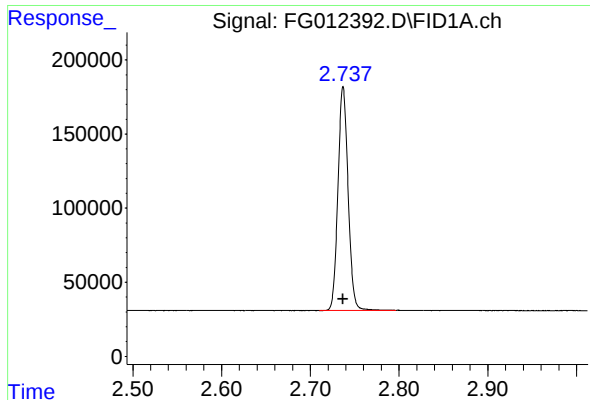
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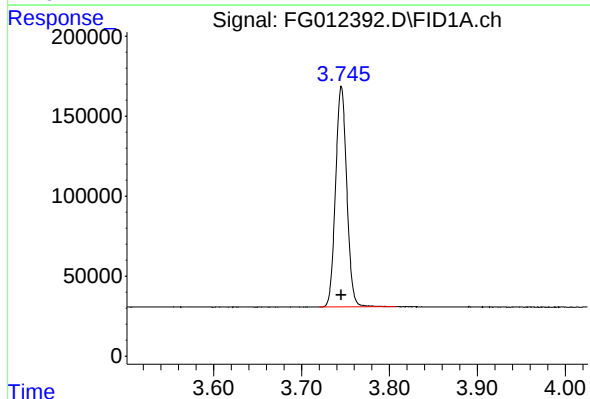




#1 n-Nonane (C9)

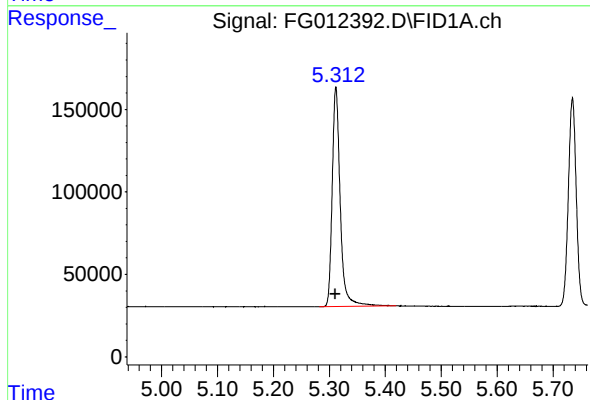
R.T.: 2.737 min
Delta R.T.: 0.000 min
Response: 1201405
Conc: 9.78 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



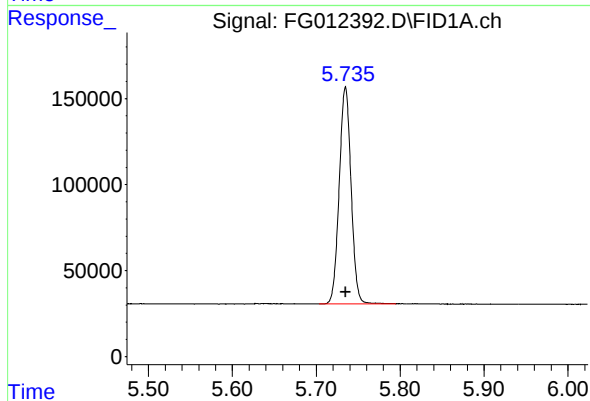
#2 n-Decane (C10)

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 1224044
Conc: 9.74 ug/ml



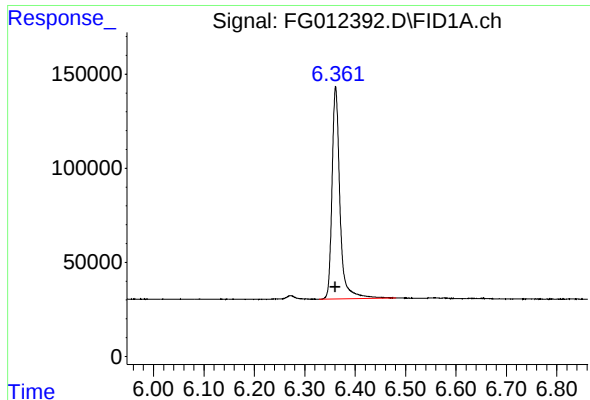
#3 A~Naphthalene (C11.7)

R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 1329949
Conc: 9.63 ug/ml



#4 n-Dodecane (C12)

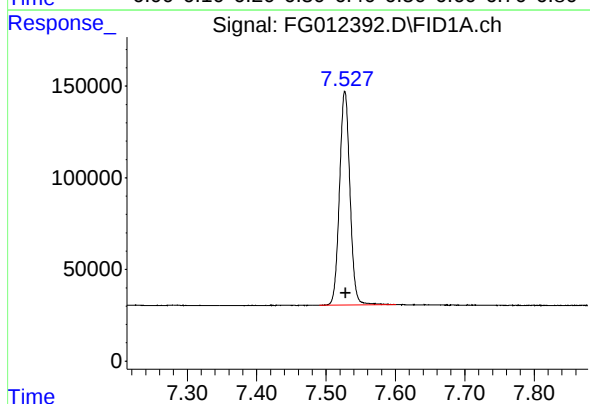
R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 1236815
Conc: 9.73 ug/ml



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

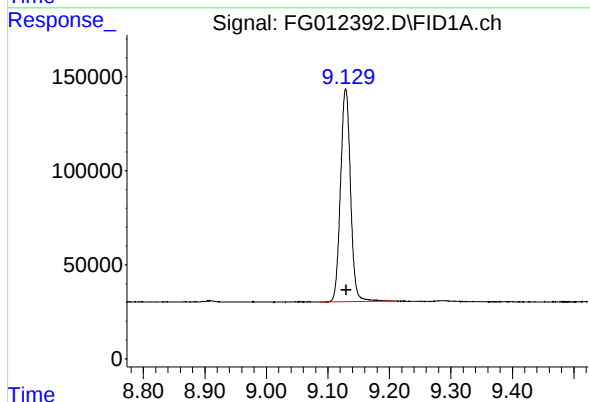
R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 1239538
Conc: 9.44 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



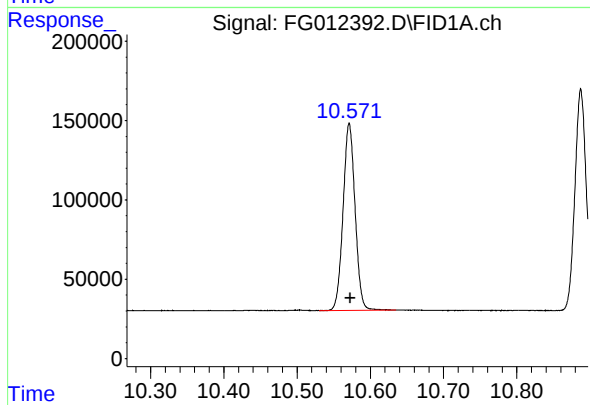
#6 n-Tetradecane (C14)

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 1220318
Conc: 9.63 ug/ml



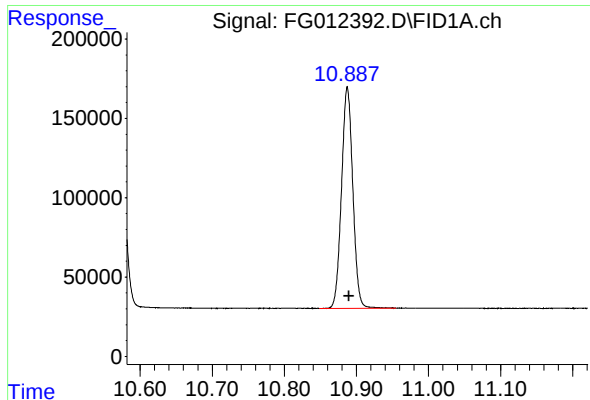
#7 n-Hexadecane (C16)

R.T.: 9.129 min
Delta R.T.: -0.001 min
Response: 1279969
Conc: 9.63 ug/ml



#8 n-Octadecane (C18)

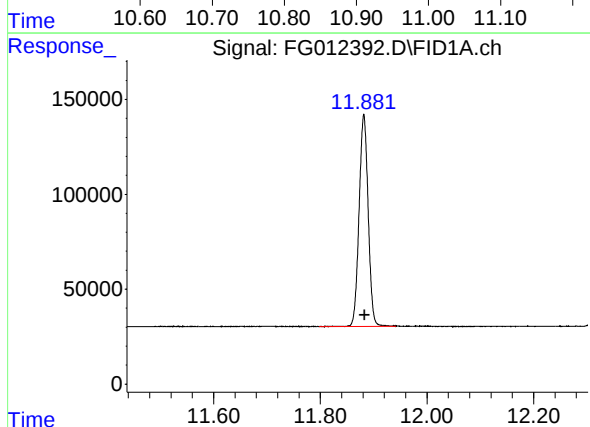
R.T.: 10.571 min
Delta R.T.: -0.002 min
Response: 1342335
Conc: 9.77 ug/ml



#9 ortho-Terphenyl (SURR)

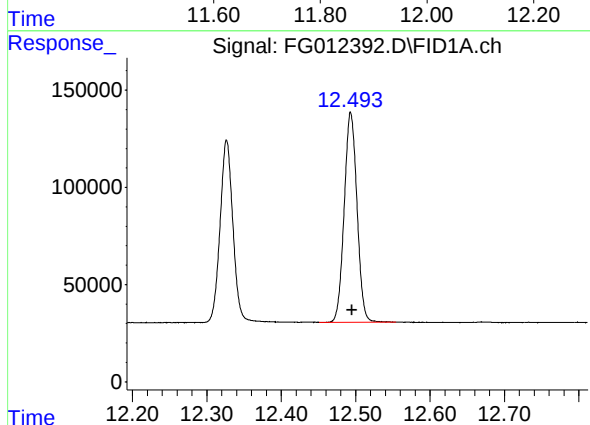
R.T.: 10.887 min
Delta R.T.: -0.002 min
Response: 1517702
Conc: 9.83 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



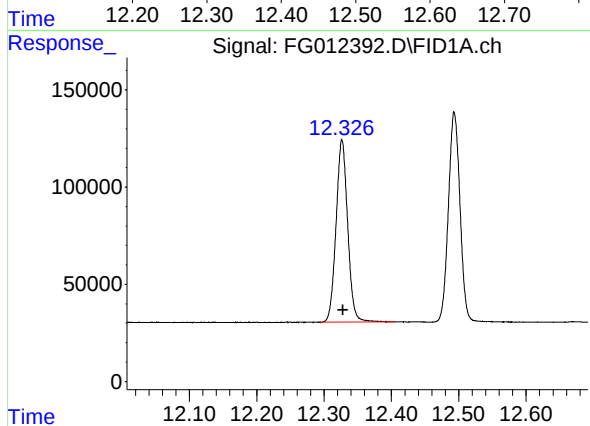
#10 n-Eicosane (C20)

R.T.: 11.882 min
Delta R.T.: -0.001 min
Response: 1316551
Conc: 9.85 ug/ml



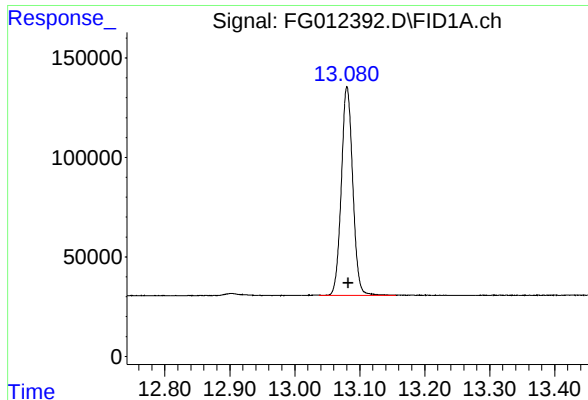
#11 n-Heneicosane (C21)

R.T.: 12.493 min
Delta R.T.: -0.002 min
Response: 1290738
Conc: 9.85 ug/ml



#12 1-chlorooctadecane (SURR)

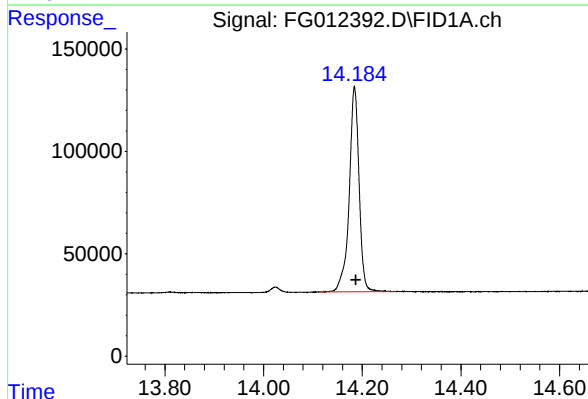
R.T.: 12.327 min
Delta R.T.: -0.002 min
Response: 1125506
Conc: 9.80 ug/ml



#13 n-Docosane (C22)

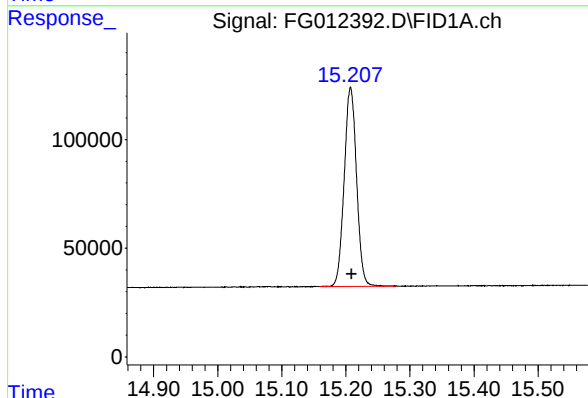
R.T.: 13.080 min
Delta R.T.: -0.002 min
Response: 1277839
Conc: 9.82 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



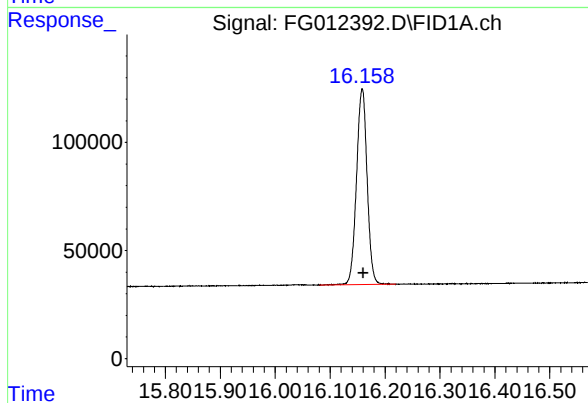
#14 n-Tetracosane (C24)

R.T.: 14.184 min
Delta R.T.: -0.003 min
Response: 1394452
Conc: 10.35 ug/ml



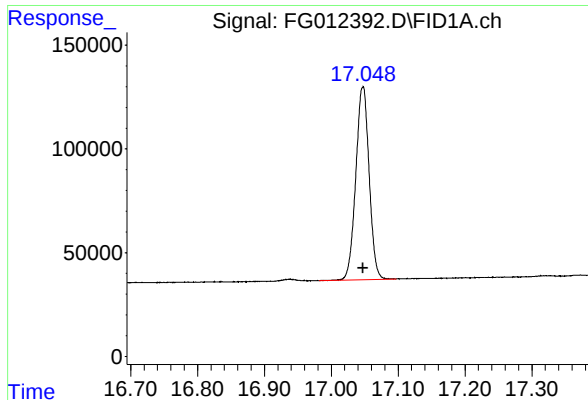
#15 n-Hexacosane (C26)

R.T.: 15.207 min
Delta R.T.: -0.002 min
Response: 1219894
Conc: 9.78 ug/ml



#16 n-Octacosane (C28)

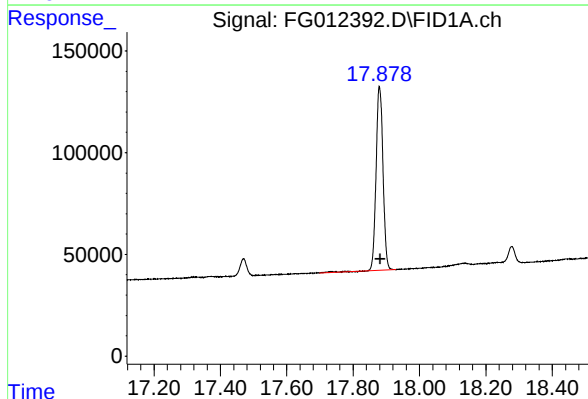
R.T.: 16.159 min
Delta R.T.: -0.002 min
Response: 1218020
Conc: 9.92 ug/ml



#17 n-Tricontane (C30)

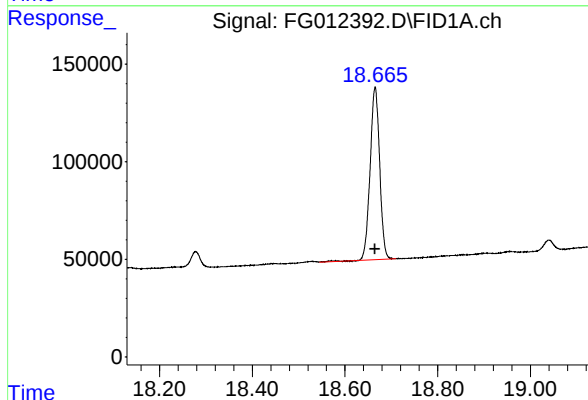
R.T.: 17.047 min
Delta R.T.: 0.000 min
Response: 1289446
Conc: 10.19 ug/ml

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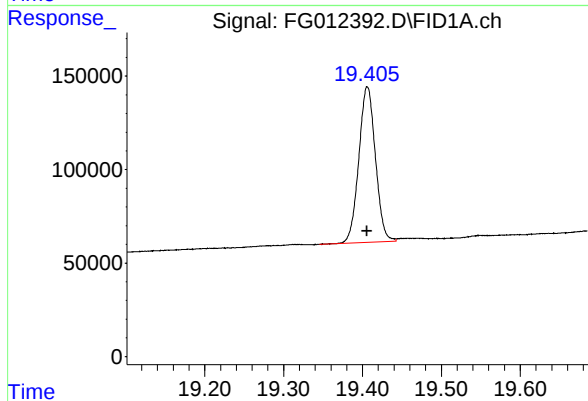
#18 n-Dotriacontane (C32)

R.T.: 17.879 min
Delta R.T.: -0.002 min
Response: 1310672
Conc: 10.39 ug/ml



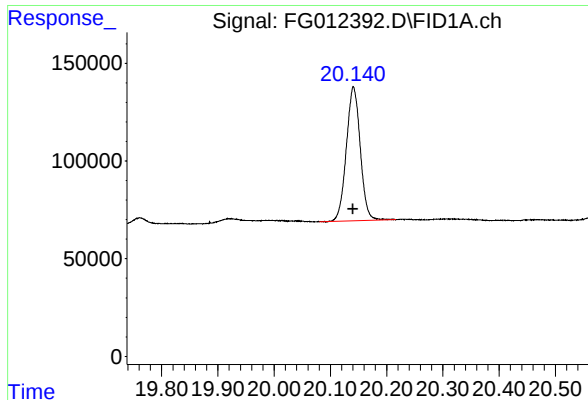
#19 n-Tetatriacontane (C34)

R.T.: 18.665 min
Delta R.T.: 0.000 min
Response: 1266596
Conc: 10.33 ug/ml



#20 n-Hexatriacontane (C36)

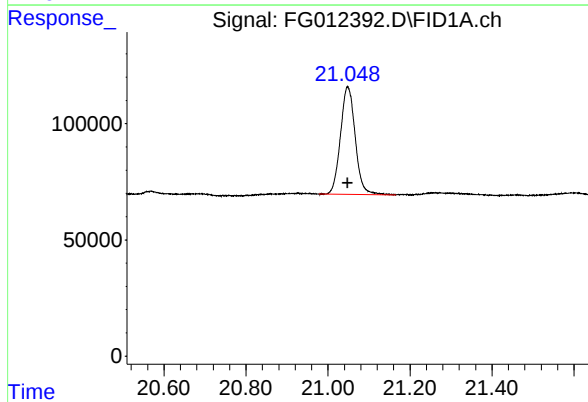
R.T.: 19.406 min
Delta R.T.: 0.000 min
Response: 1216851
Conc: 10.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.141 min
Delta R.T.: 0.000 min
Response: 1180500
Conc: 10.08 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.048 min
Delta R.T.: 0.000 min
Response: 1157194
Conc: 10.11 ug/ml