

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071423AL\
 Data File : FF013067.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jul 2023 18:10
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jul 15 01:47:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:46:53 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)	10.868	19680361	103.446 ug/ml
Spiked Amount 50.000		Recovery =	206.89%
12) S 1-chlorooctadecane (S...	12.296	14909442	103.240 ug/ml
Spiked Amount 50.000		Recovery =	206.48%
Target Compounds			
1) T n-Nonane (C9)	2.739	14975344	105.035 ug/ml
2) T n-Decane (C10)	3.742	15367420	105.259 ug/ml
3) T A~Naphthalene (C11.7)	5.301	17002715	106.591 ug/ml
4) T n-Dodecane (C12)	5.724	15775222	103.980 ug/ml
5) T A~2-methylnaphthalene...	6.350	16324948	109.638 ug/ml
6) T n-Tetradecane (C14)	7.511	15845419	104.318 ug/ml
7) T n-Hexadecane (C16)	9.107	16636584	104.178 ug/ml
8) T n-Octadecane (C18)	10.547	17169970	103.042 ug/ml
10) T n-Eicosane (C20)	11.851	16851515	102.515 ug/ml
11) T n-Heneicosane (C21)	12.462	16742142	102.711 ug/ml
13) T n-Docosane (C22)	13.046	16779699	101.760 ug/ml
14) T n-Tetracosane (C24)	14.145	16868446	101.286 ug/ml
15) T n-Hexacosane (C26)	15.163	16624118	100.917 ug/ml
16) T n-Octacosane (C28)	16.110	16166009	100.290 ug/ml
17) T n-Tricontane (C30)	16.996	16108458	99.813 ug/ml
18) T n-Dotriacontane (C32)	17.825	15437406	99.757 ug/ml
19) T n-Tetratriacontane (C34)	18.606	14721916	101.505 ug/ml
20) T n-Hexatriacontane (C36)	19.342	13942207	102.701 ug/ml
21) T n-Octatriacontane (C38)	20.063	13395177	104.433 ug/ml
22) T n-Tetracontane (C40)	20.935	12713963	106.316 ug/ml

(f)=RT Delta > 1/2 Window

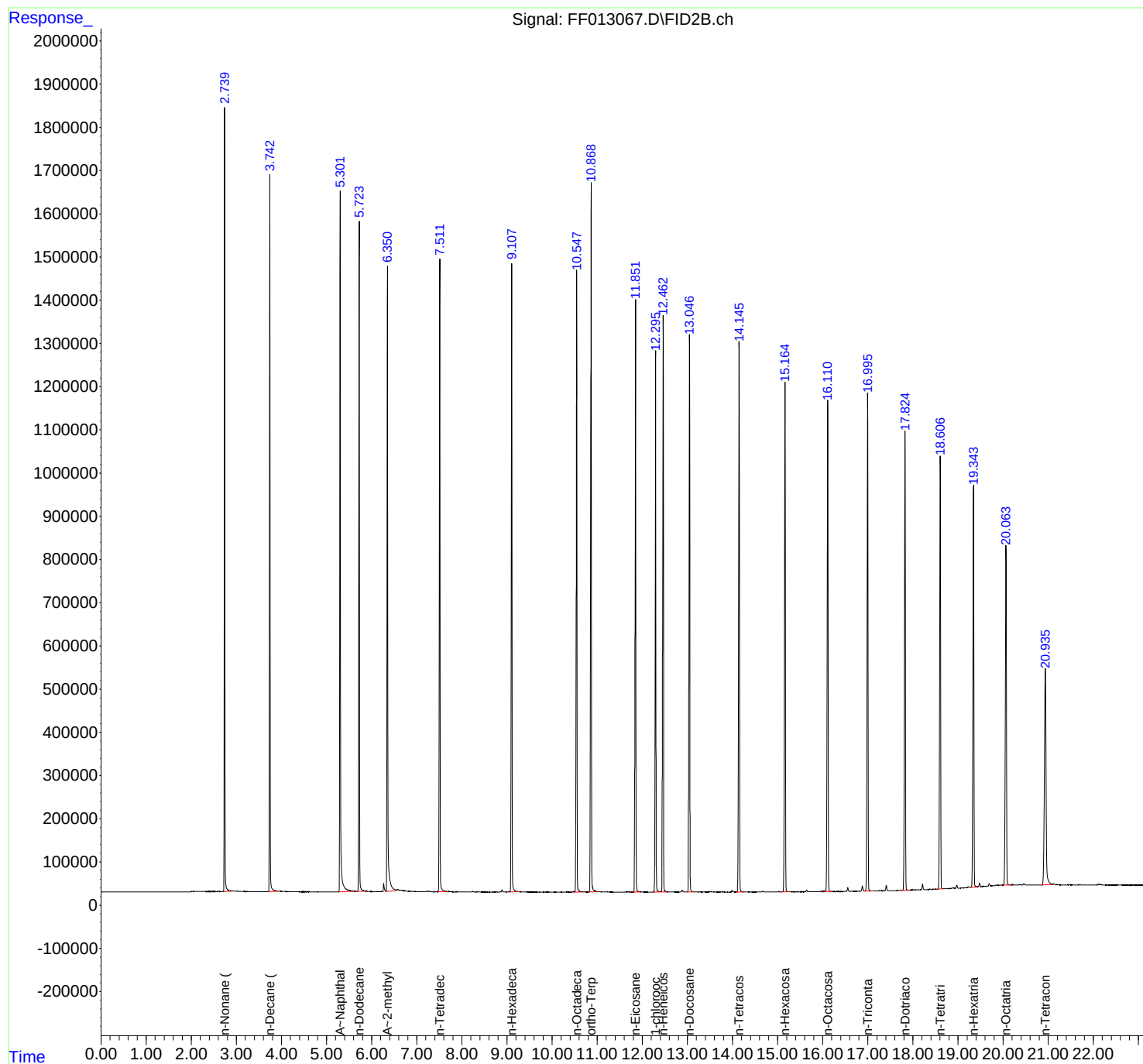
(m)=manual int.

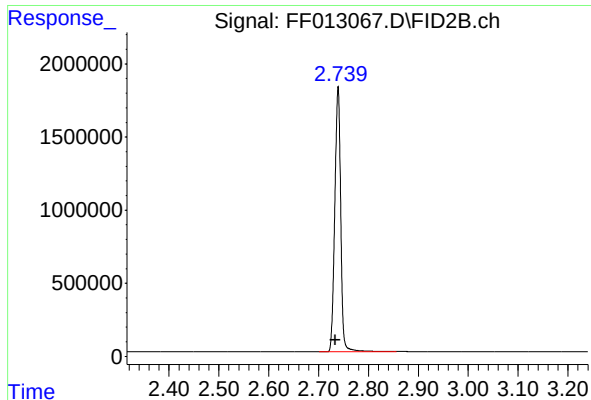
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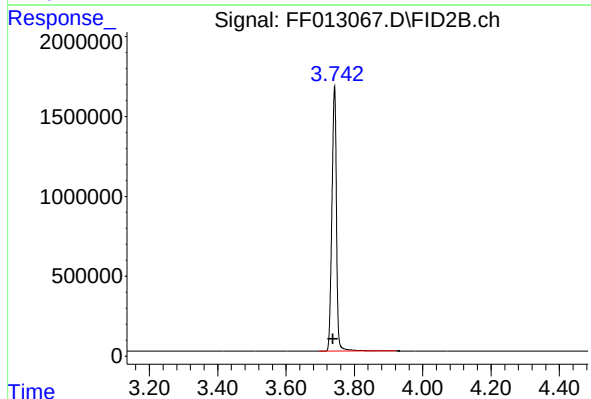




#1 n-Nonane (C9)

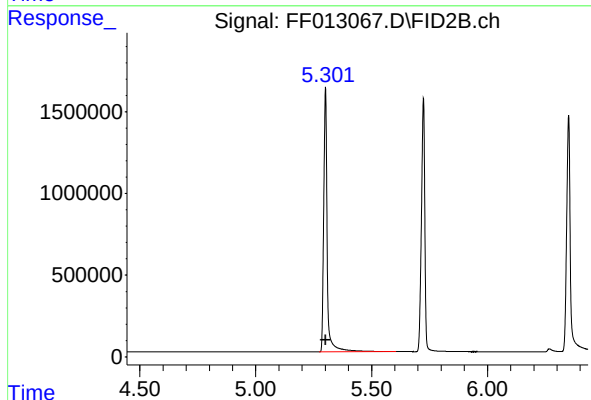
R.T.: 2.739 min
Delta R.T.: 0.005 min
Response: 14975344
Conc: 105.03 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



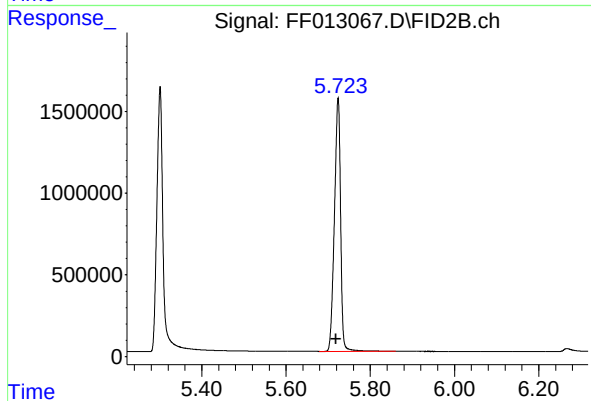
#2 n-Decane (C10)

R.T.: 3.742 min
Delta R.T.: 0.005 min
Response: 15367420
Conc: 105.26 ug/ml



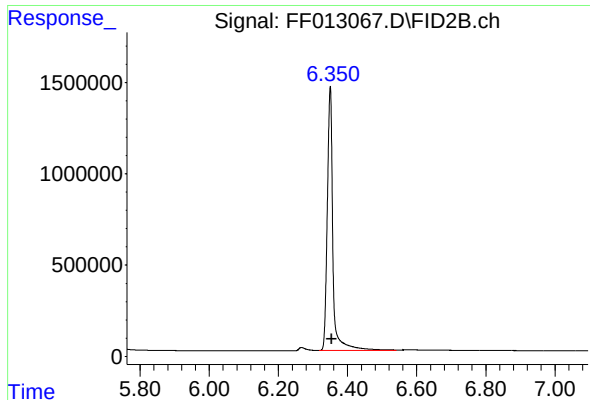
#3 A~Naphthalene (C11.7)

R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 17002715
Conc: 106.59 ug/ml



#4 n-Dodecane (C12)

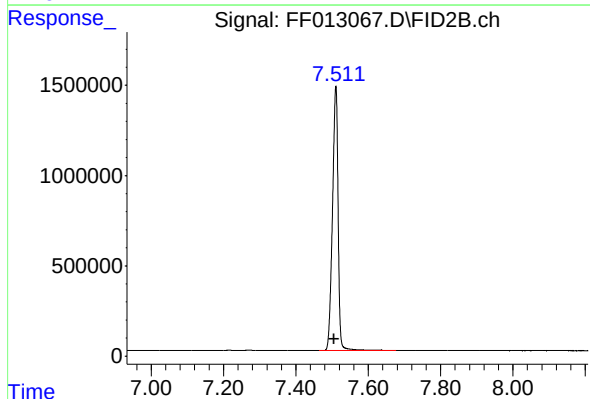
R.T.: 5.724 min
Delta R.T.: 0.005 min
Response: 15775222
Conc: 103.98 ug/ml



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

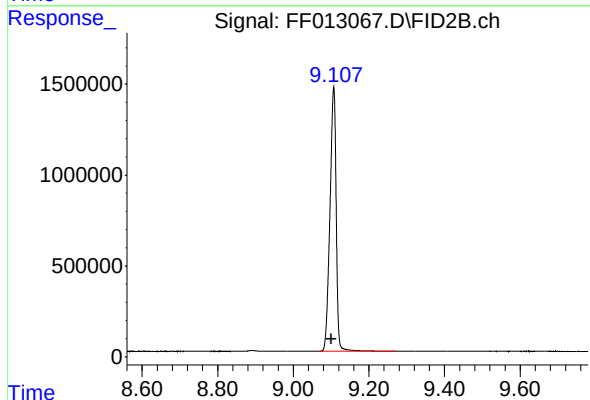
R.T.: 6.350 min
Delta R.T.: -0.003 min
Response: 16324948
Conc: 109.64 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



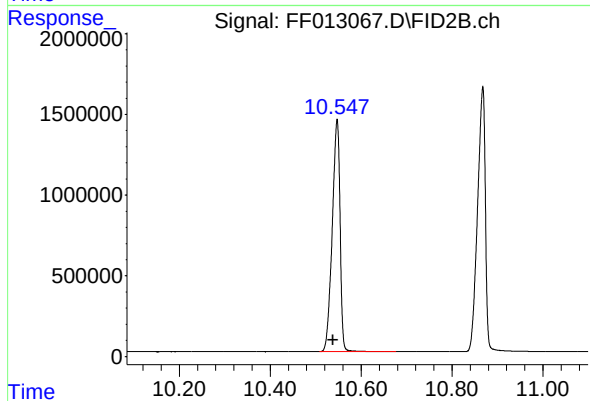
#6 n-Tetradecane (C14)

R.T.: 7.511 min
Delta R.T.: 0.005 min
Response: 15845419
Conc: 104.32 ug/ml



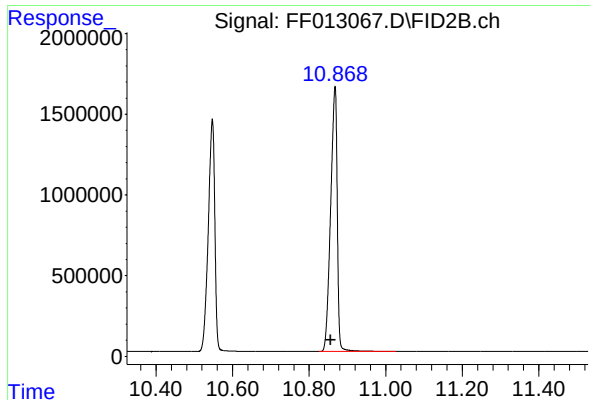
#7 n-Hexadecane (C16)

R.T.: 9.107 min
Delta R.T.: 0.006 min
Response: 16636584
Conc: 104.18 ug/ml



#8 n-Octadecane (C18)

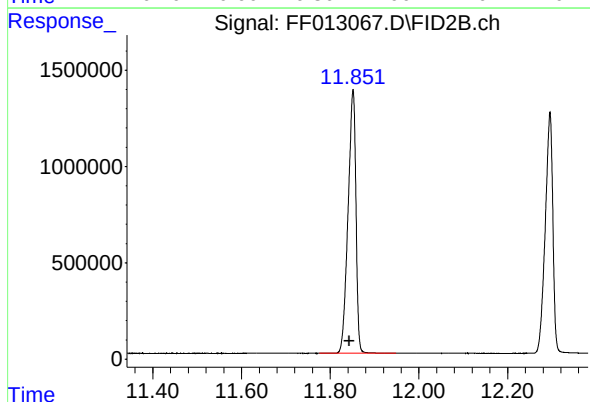
R.T.: 10.547 min
Delta R.T.: 0.010 min
Response: 17169970
Conc: 103.04 ug/ml



#9 ortho-Terphenyl (SURR)

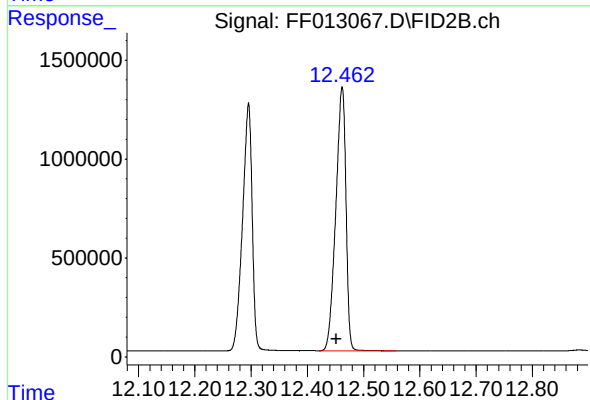
R.T.: 10.868 min
Delta R.T.: 0.012 min
Response: 19680361
Conc: 103.45 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



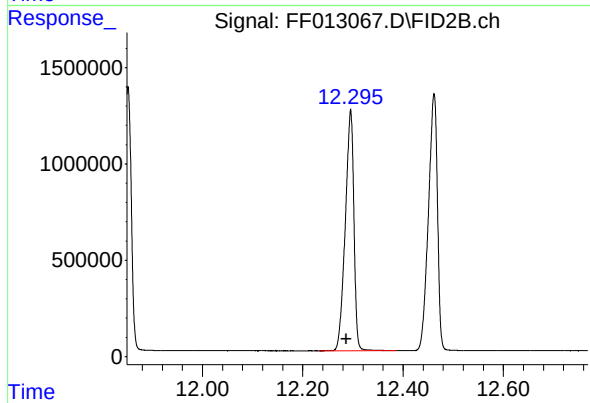
#10 n-Eicosane (C20)

R.T.: 11.851 min
Delta R.T.: 0.009 min
Response: 16851515
Conc: 102.51 ug/ml



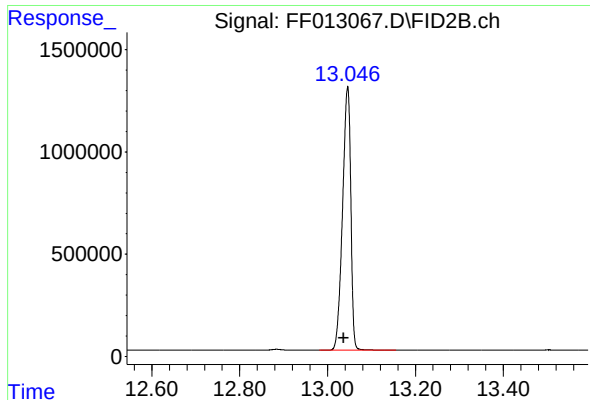
#11 n-Heneicosane (C21)

R.T.: 12.462 min
Delta R.T.: 0.010 min
Response: 16742142
Conc: 102.71 ug/ml



#12 1-chlorooctadecane (SURR)

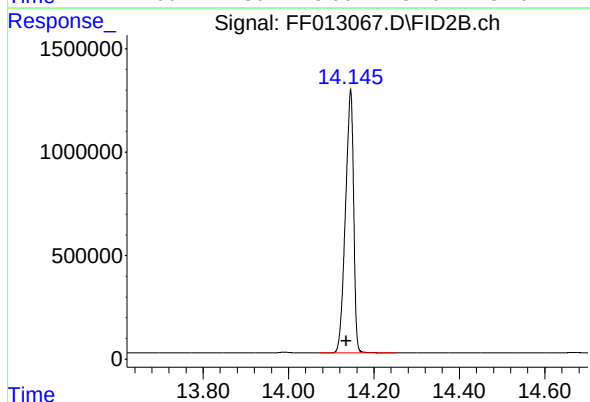
R.T.: 12.296 min
Delta R.T.: 0.009 min
Response: 14909442
Conc: 103.24 ug/ml



#13 n-Docosane (C22)

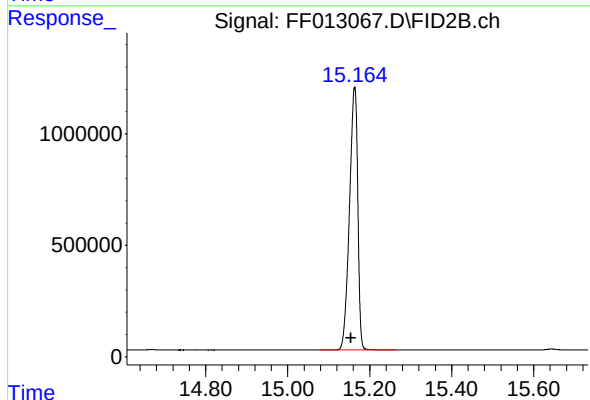
R.T.: 13.046 min
Delta R.T.: 0.009 min
Response: 16779699
Conc: 101.76 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



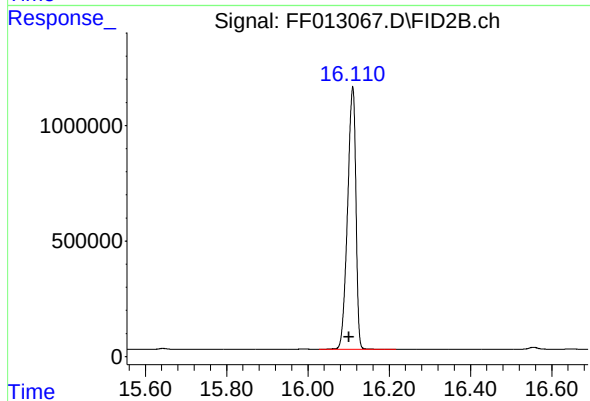
#14 n-Tetracosane (C24)

R.T.: 14.145 min
Delta R.T.: 0.010 min
Response: 16868446
Conc: 101.29 ug/ml



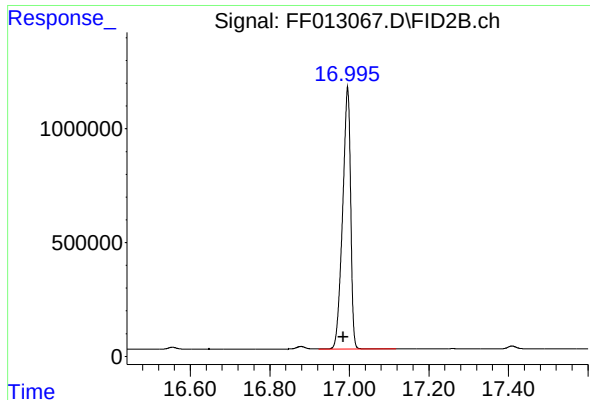
#15 n-Hexacosane (C26)

R.T.: 15.163 min
Delta R.T.: 0.009 min
Response: 16624118
Conc: 100.92 ug/ml



#16 n-Octacosane (C28)

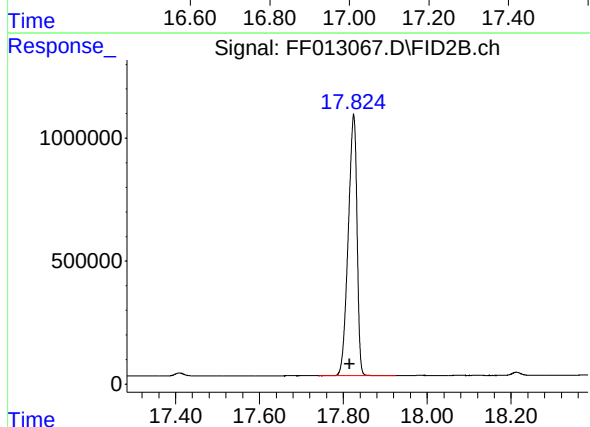
R.T.: 16.110 min
Delta R.T.: 0.010 min
Response: 16166009
Conc: 100.29 ug/ml



#17 n-Tricontane (C30)

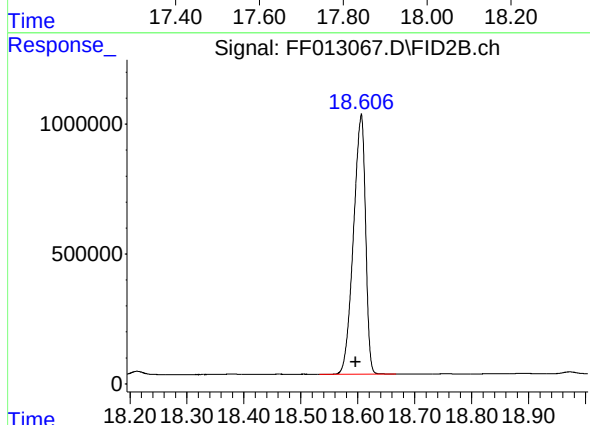
R.T.: 16.996 min
Delta R.T.: 0.010 min
Response: 16108458
Conc: 99.81 ug/ml

Instrument :
FID_F
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100 PPM ALIPHATIC HC STD1



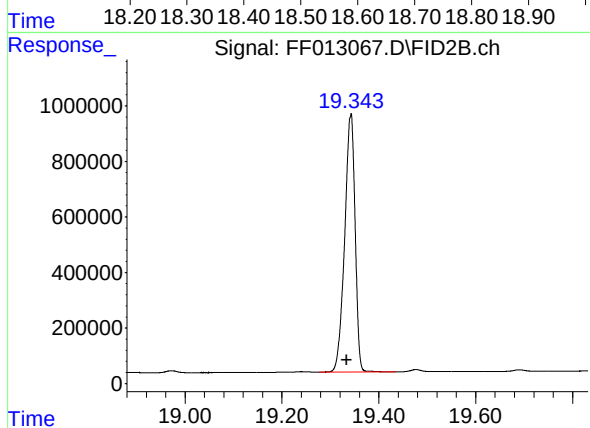
#18 n-Dotriacontane (C32)

R.T.: 17.825 min
Delta R.T.: 0.010 min
Response: 15437406
Conc: 99.76 ug/ml



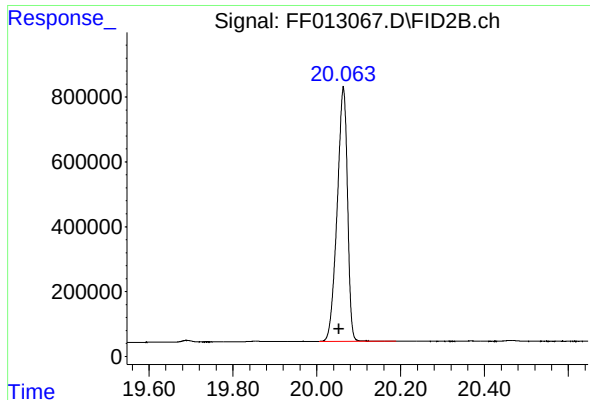
#19 n-Tetatriacontane (C34)

R.T.: 18.606 min
Delta R.T.: 0.010 min
Response: 14721916
Conc: 101.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.342 min
Delta R.T.: 0.009 min
Response: 13942207
Conc: 102.70 ug/ml



#21 n-Octatriacontane (C38)

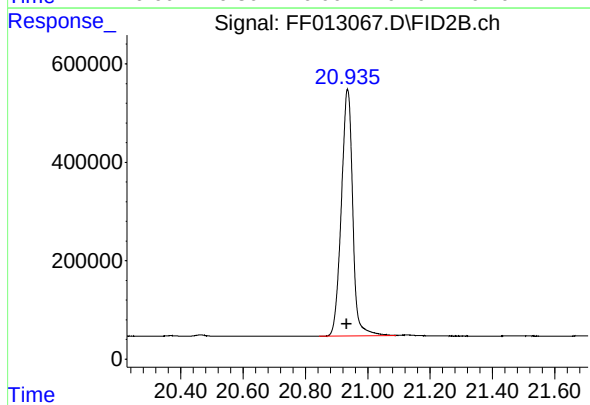
R.T.: 20.063 min
Delta R.T.: 0.010 min
Response: 13395177
Conc: 104.43 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 20.935 min
Delta R.T.: 0.003 min
Response: 12713963
Conc: 106.32 ug/ml