

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052723AL\
 Data File : FC063702.D
 Signal(s) : FID1A.ch
 Acq On : 26 May 2023 20:31
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 27 06:06:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:06:24 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)	11.542	17123091	96.264 ug/ml
Spiked Amount 50.000		Recovery =	192.53%
12) S 1-chlorooctadecane (S...	12.974	12098484	96.532 ug/ml
Spiked Amount 50.000		Recovery =	193.06%
Target Compounds			
1) T n-Nonane (C9)	3.318	15278623	96.821 ug/ml
2) T n-Decane (C10)	4.381	15526444	96.948 ug/ml
3) T A~Naphthalene (C11.7)	5.962	17077986	97.608 ug/ml
4) T n-Dodecane (C12)	6.397	15534693	96.437 ug/ml
5) T A~2-methylnaphthalene...	7.019	16359284	98.780 ug/ml
6) T n-Tetradecane (C14)	8.189	15122721	96.752 ug/ml
7) T n-Hexadecane (C16)	9.787	15187749	97.396 ug/ml
8) T n-Octadecane (C18)	11.228	14862364	96.186 ug/ml
10) T n-Eicosane (C20)	12.530	13876625	96.151 ug/ml
11) T n-Heneicosane (C21)	13.141	13474533	95.901 ug/ml
13) T n-Docosane (C22)	13.726	13228228	95.973 ug/ml
14) T n-Tetracosane (C24)	14.824	12861257	95.702 ug/ml
15) T n-Hexacosane (C26)	15.842	12385339	95.637 ug/ml
16) T n-Octacosane (C28)	16.789	11913074	95.526 ug/ml
17) T n-Tricontane (C30)	17.674	11903709	95.521 ug/ml
18) T n-Dotriacontane (C32)	18.503	11626019	95.646 ug/ml
19) T n-Tetratriacontane (C34)	19.282	11508794	95.602 ug/ml
20) T n-Hexatriacontane (C36)	20.020	11292437	96.060 ug/ml
21) T n-Octatriacontane (C38)	20.744	11460890	96.131 ug/ml
22) T n-Tetracontane (C40)	21.641	11396238	95.618 ug/ml

(f)=RT Delta > 1/2 Window

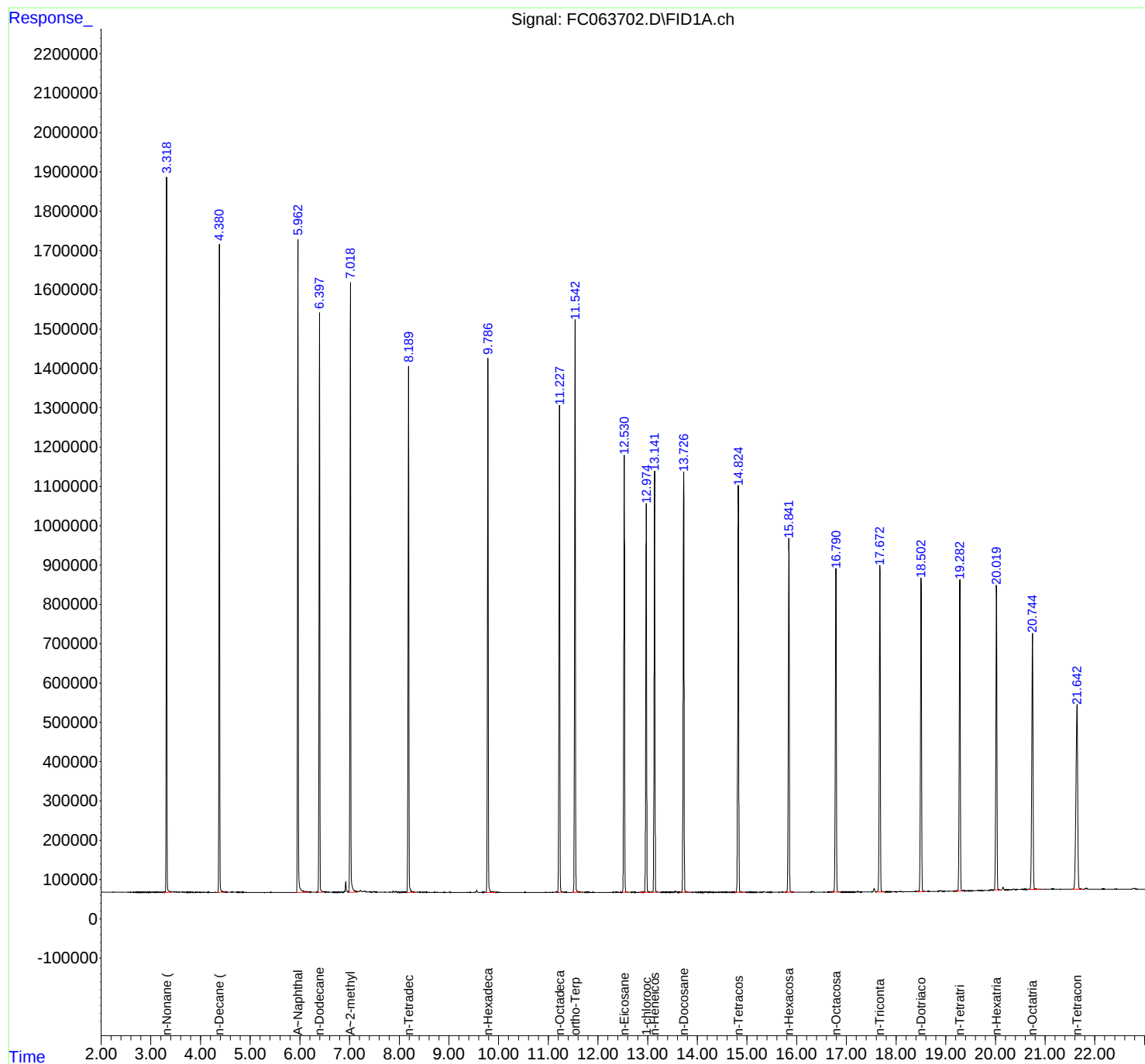
(m)=manual int.

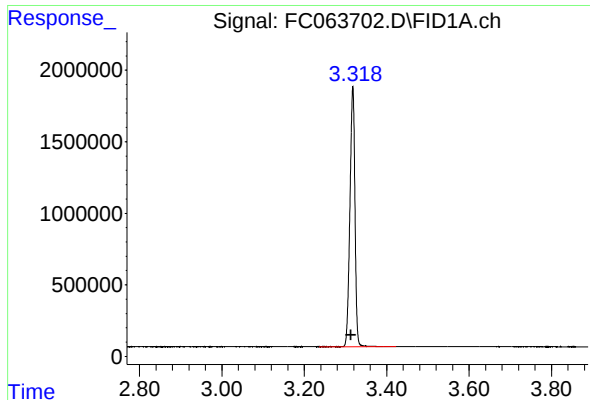
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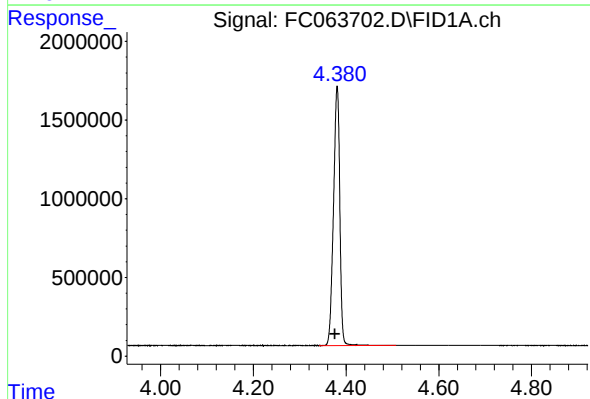




#1 n-Nonane (C9)

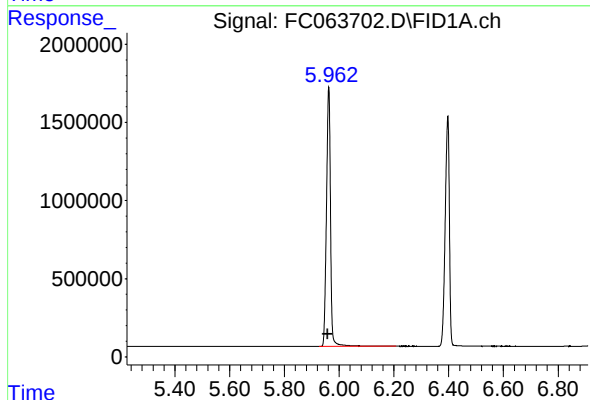
R.T.: 3.318 min
Delta R.T.: 0.004 min
Response: 15278623
Conc: 96.82 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



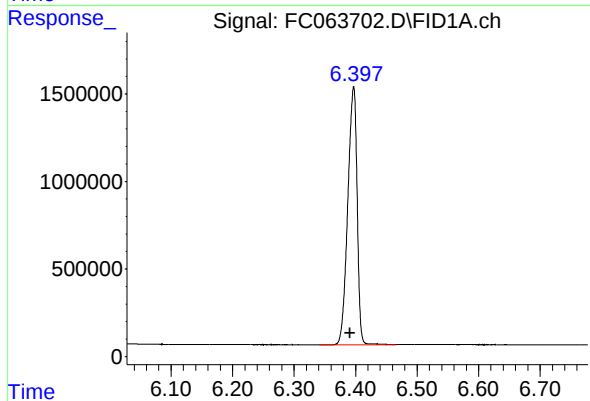
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.004 min
Response: 15526444
Conc: 96.95 ug/ml



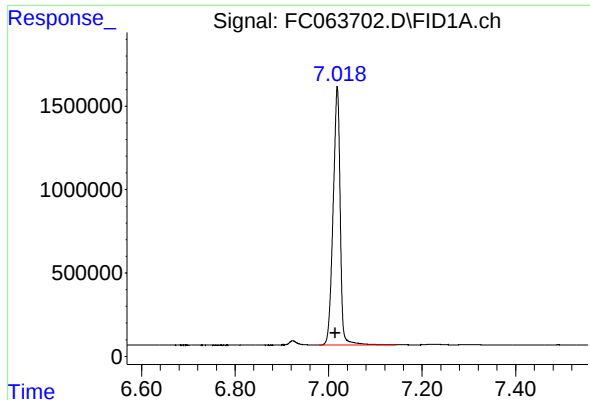
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.004 min
Response: 17077986
Conc: 97.61 ug/ml



#4 n-Dodecane (C12)

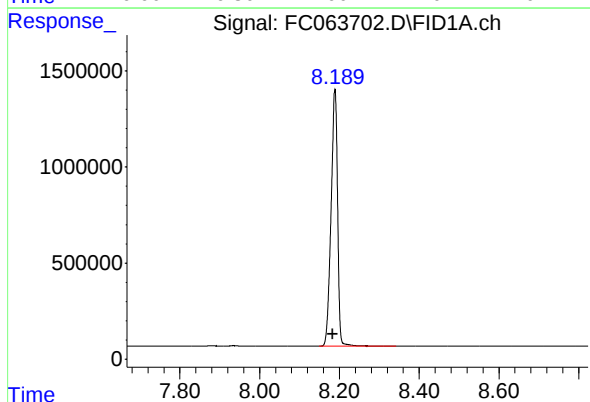
R.T.: 6.397 min
Delta R.T.: 0.006 min
Response: 15534693
Conc: 96.44 ug/ml



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

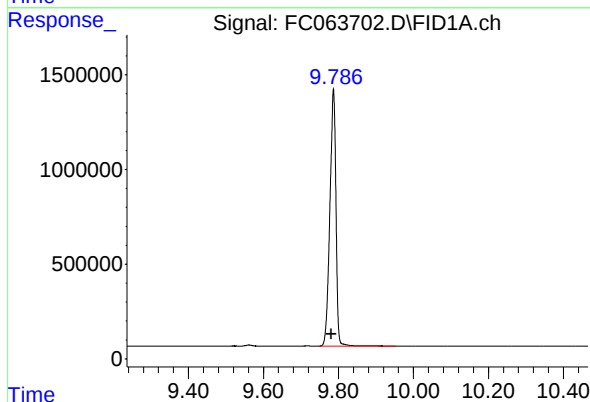
R.T.: 7.019 min
Delta R.T.: 0.004 min
Response: 16359284
Conc: 98.78 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



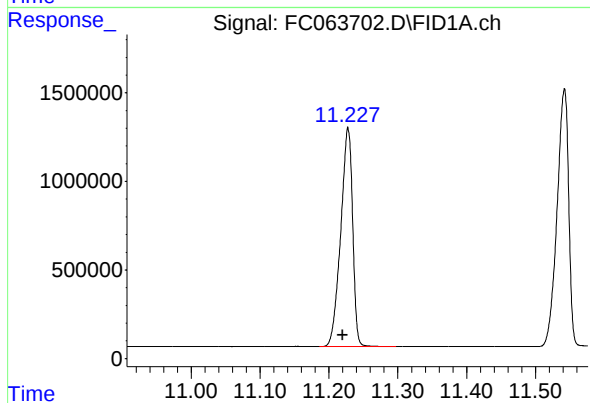
#6 n-Tetradecane (C14)

R.T.: 8.189 min
Delta R.T.: 0.006 min
Response: 15122721
Conc: 96.75 ug/ml



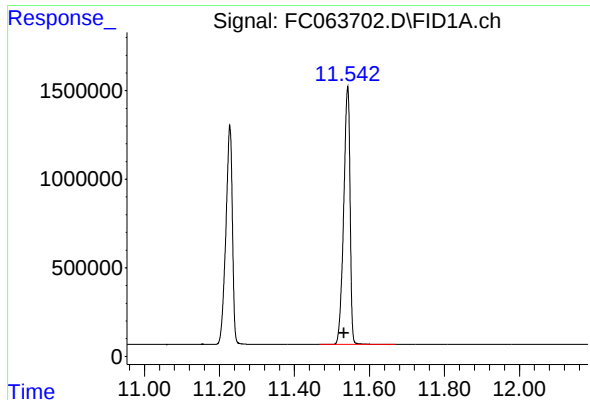
#7 n-Hexadecane (C16)

R.T.: 9.787 min
Delta R.T.: 0.006 min
Response: 15187749
Conc: 97.40 ug/ml



#8 n-Octadecane (C18)

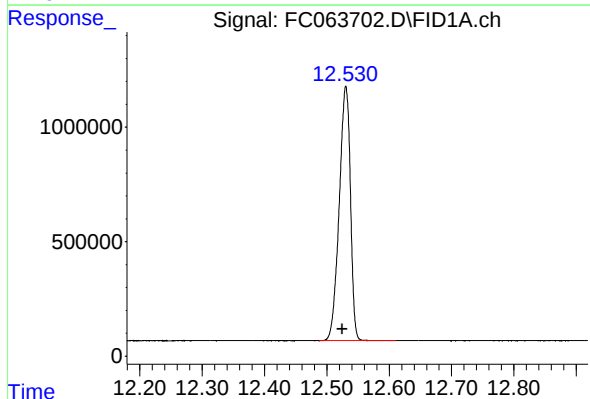
R.T.: 11.228 min
Delta R.T.: 0.008 min
Response: 14862364
Conc: 96.19 ug/ml



#9 ortho-Terphenyl (SURR)

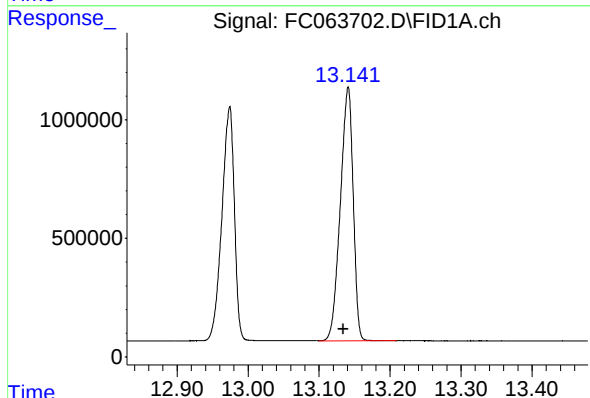
R.T.: 11.542 min
Delta R.T.: 0.009 min
Response: 17123091
Conc: 96.26 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



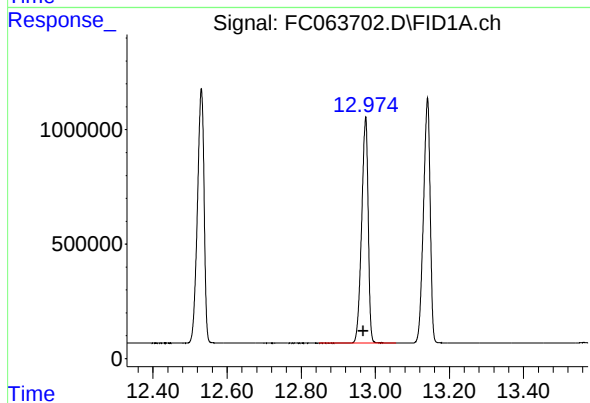
#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: 0.005 min
Response: 13876625
Conc: 96.15 ug/ml



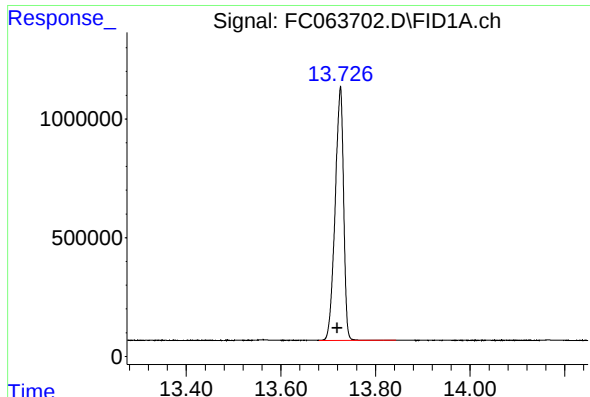
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: 0.007 min
Response: 13474533
Conc: 95.90 ug/ml



#12 1-chlorooctadecane (SURR)

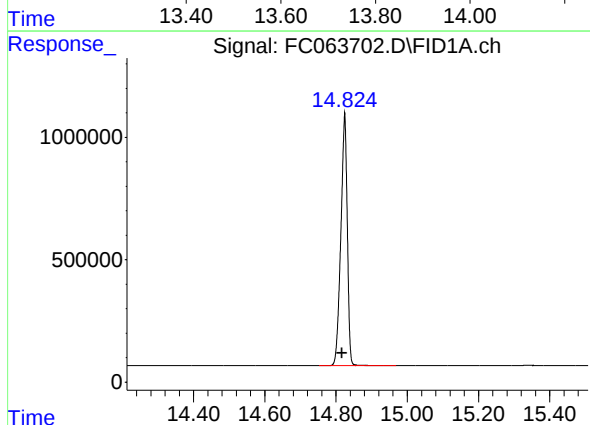
R.T.: 12.974 min
Delta R.T.: 0.006 min
Response: 12098484
Conc: 96.53 ug/ml



#13 n-Docosane (C22)

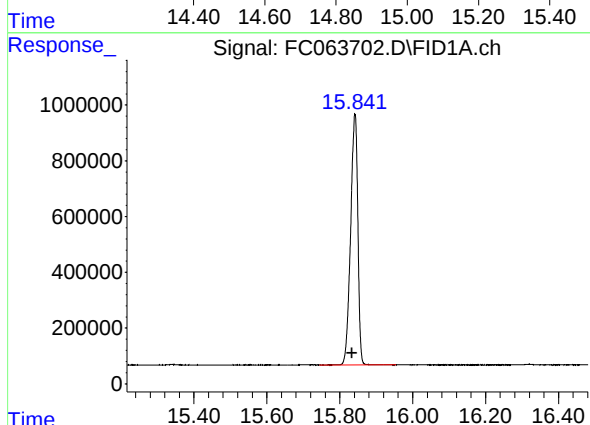
R.T.: 13.726 min
Delta R.T.: 0.006 min
Response: 13228228
Conc: 95.97 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



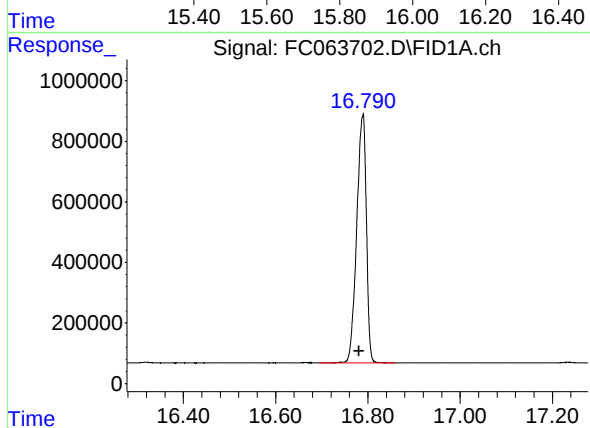
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: 0.007 min
Response: 12861257
Conc: 95.70 ug/ml



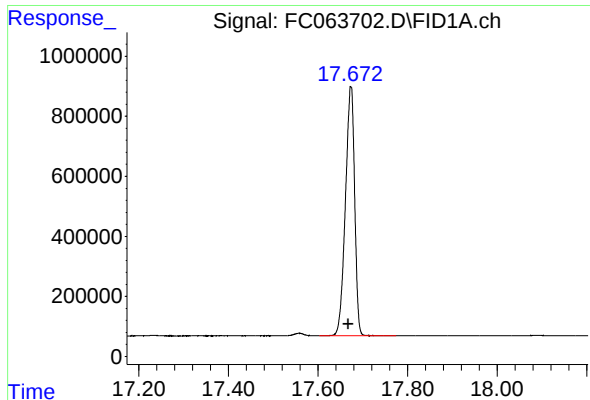
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: 0.008 min
Response: 12385339
Conc: 95.64 ug/ml



#16 n-Octacosane (C28)

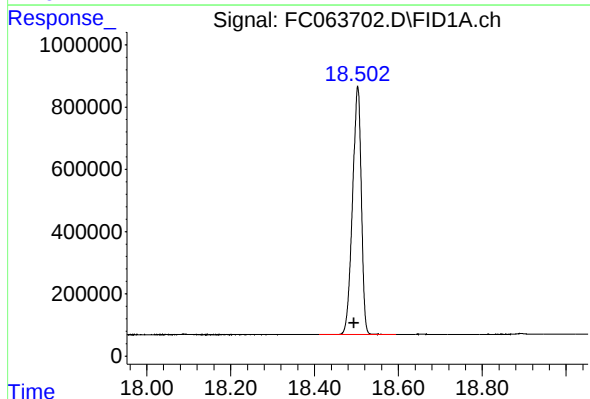
R.T.: 16.789 min
Delta R.T.: 0.008 min
Response: 11913074
Conc: 95.53 ug/ml



#17 n-Tricontane (C30)

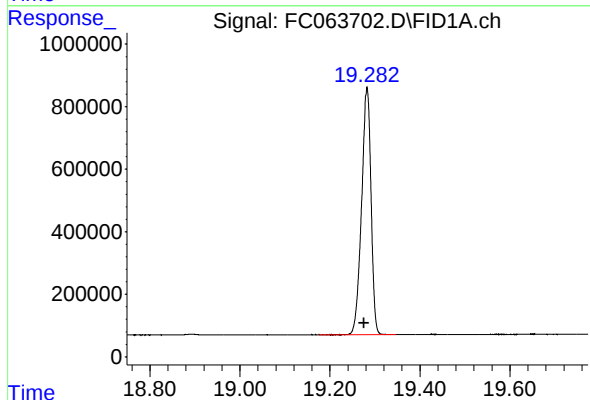
R.T.: 17.674 min
Delta R.T.: 0.006 min
Response: 11903709
Conc: 95.52 ug/ml

Instrument :
FID_C
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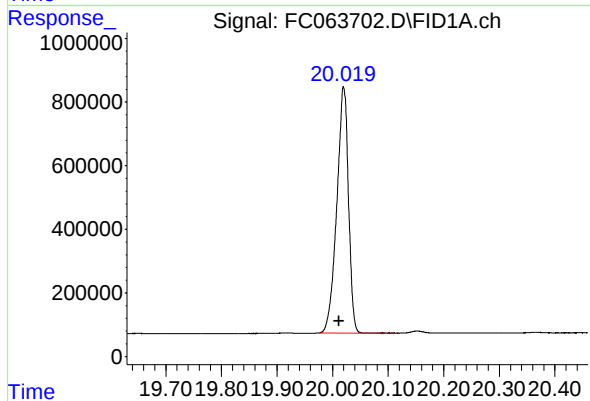
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: 0.009 min
Response: 11626019
Conc: 95.65 ug/ml



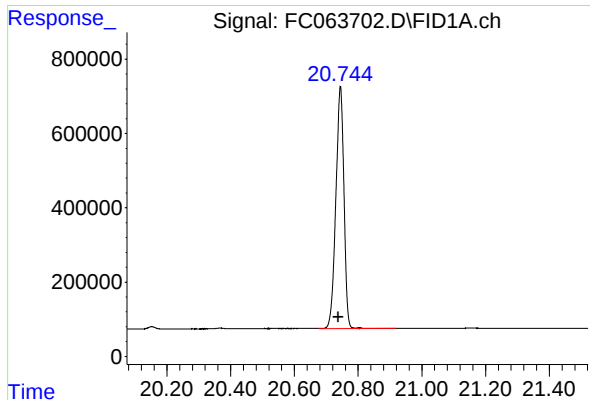
#19 n-Tetratriacontane (C34)

R.T.: 19.282 min
Delta R.T.: 0.007 min
Response: 11508794
Conc: 95.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.020 min
Delta R.T.: 0.008 min
Response: 11292437
Conc: 96.06 ug/ml



#21 n-Octatriacontane (C38)

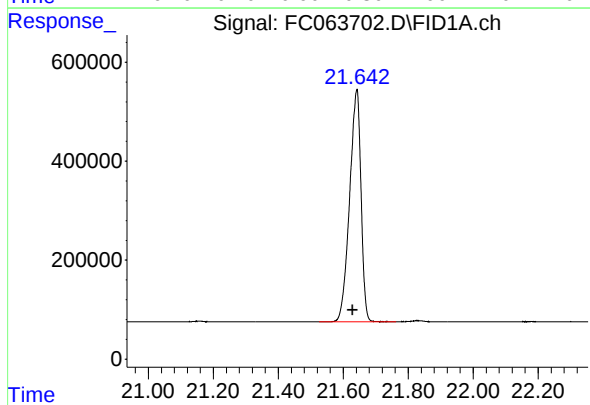
R.T.: 20.744 min
Delta R.T.: 0.007 min
Response: 11460890
Conc: 96.13 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.641 min
Delta R.T.: 0.012 min
Response: 11396238
Conc: 95.62 ug/ml