

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100224AL\
 Data File : FC067312.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2024 10:32
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 01 09:09:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:07:31 2024
 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)	11.507	14031279	90.846 ug/ml
Spiked Amount 50.000		Recovery =	181.69%
12) S 1-chlorooctadecane (S...	12.944	10549566	91.667 ug/ml
Spiked Amount 50.000		Recovery =	183.33%
Target Compounds			
1) T n-Nonane (C9)	3.274	11861469	92.598 ug/ml
2) T n-Decane (C10)	4.341	12068578	92.595 ug/ml
3) T A~Naphthalene (C11.7)	5.920	13362934	92.860 ug/ml
4) T n-Dodecane (C12)	6.359	12227707	93.059 ug/ml
5) T A~2-methylnaphthalene...	6.977	13024556	93.287 ug/ml
6) T n-Tetradecane (C14)	8.152	12180763	93.109 ug/ml
7) T n-Hexadecane (C16)	9.752	12490809	92.415 ug/ml
8) T n-Octadecane (C18)	11.195	12572452	91.327 ug/ml
10) T n-Eicosane (C20)	12.501	12084501	91.351 ug/ml
11) T n-Heneicosane (C21)	13.112	11882669	91.183 ug/ml
13) T n-Docosane (C22)	13.698	11869877	91.916 ug/ml
14) T n-Tetracosane (C24)	14.799	11932581	92.694 ug/ml
15) T n-Hexacosane (C26)	15.819	11803866	93.014 ug/ml
16) T n-Octacosane (C28)	16.768	11629656	92.309 ug/ml
17) T n-Tricontane (C30)	17.655	11716937	91.007 ug/ml
18) T n-Dotriacontane (C32)	18.486	11186042	89.566 ug/ml
19) T n-Tetratriacontane (C34)	19.267	9833987	89.675 ug/ml
20) T n-Hexatriacontane (C36)	20.005	8551618	89.685 ug/ml
21) T n-Octatriacontane (C38)	20.730	8143888	91.977 ug/ml
22) T n-Tetracontane (C40)	21.618	7909213	91.385 ug/ml

(f)=RT Delta > 1/2 Window

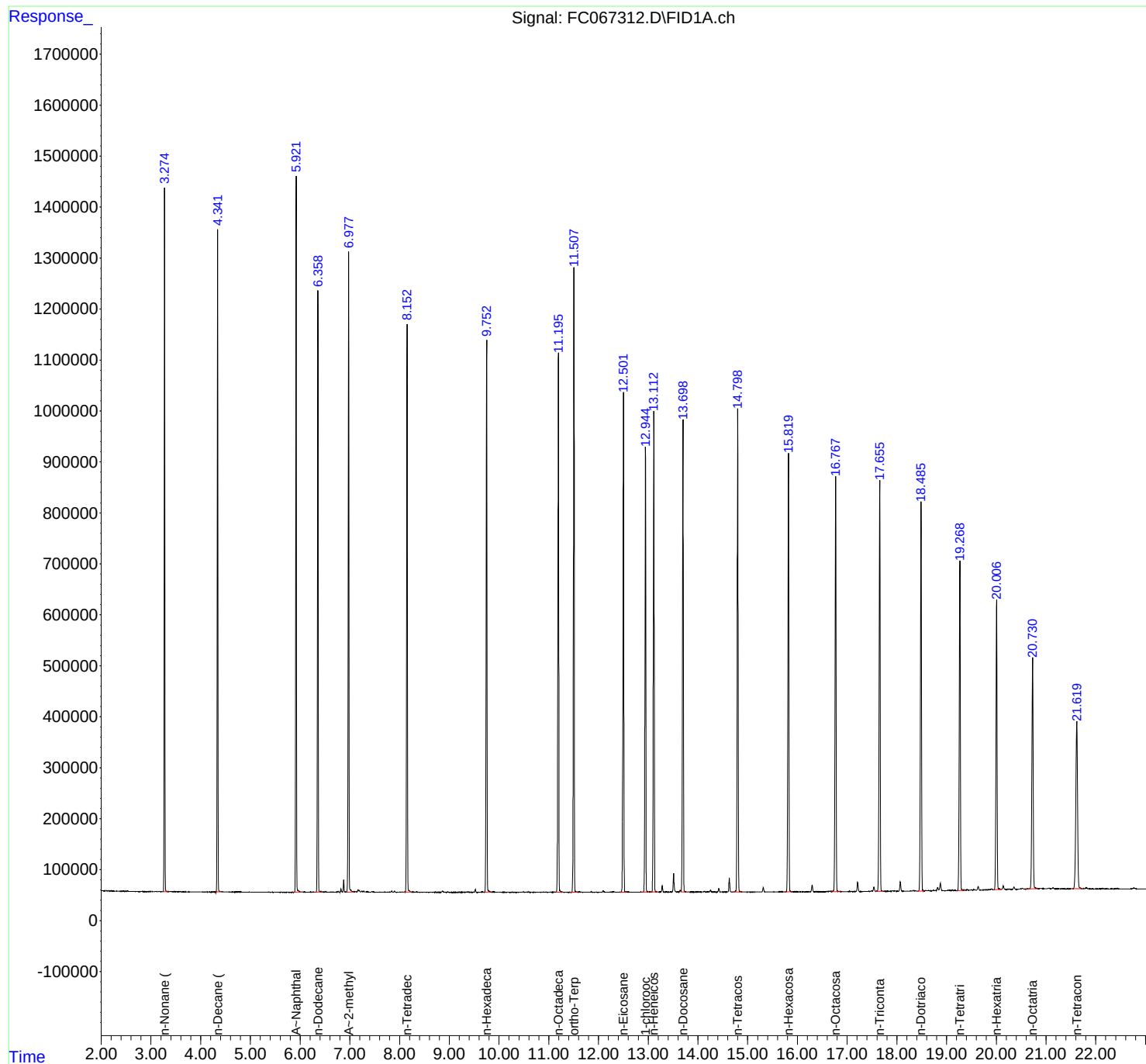
(m)=manual int.

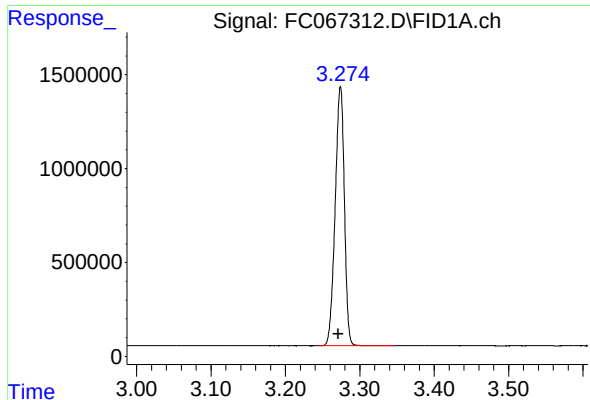
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
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#1 n-Nonane (C9)

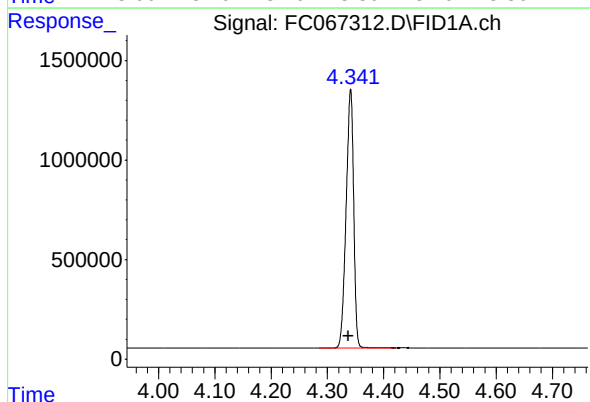
R.T.: 3.274 min
Delta R.T.: 0.003 min
Response: 11861469
Conc: 92.60 ug/ml

Instrument :

FID_C

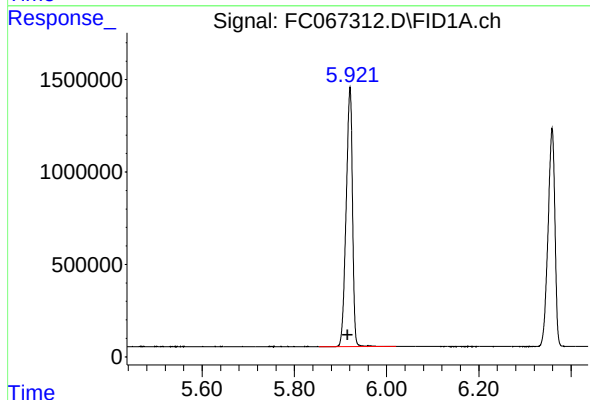
ClientSampleId :

100 PPM ALIPHATIC HC STD1



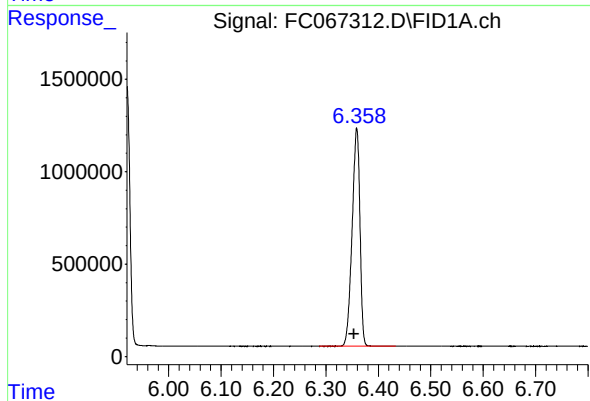
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.004 min
Response: 12068578
Conc: 92.59 ug/ml



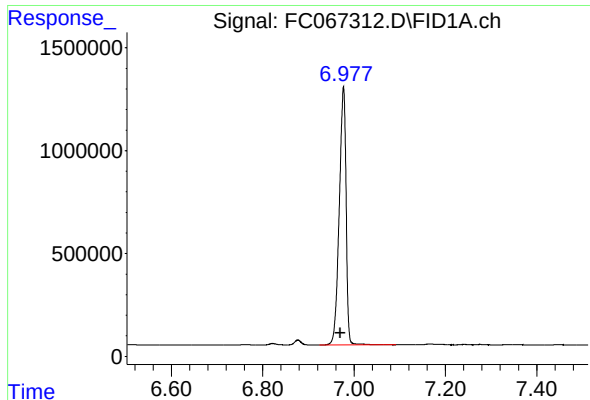
#3 A~Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: 0.005 min
Response: 13362934
Conc: 92.86 ug/ml



#4 n-Dodecane (C12)

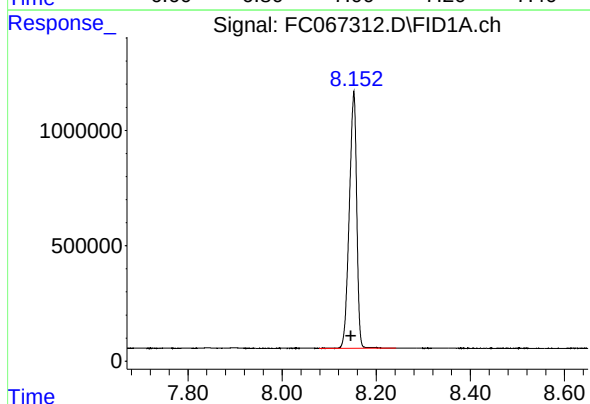
R.T.: 6.359 min
Delta R.T.: 0.005 min
Response: 12227707
Conc: 93.06 ug/ml



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

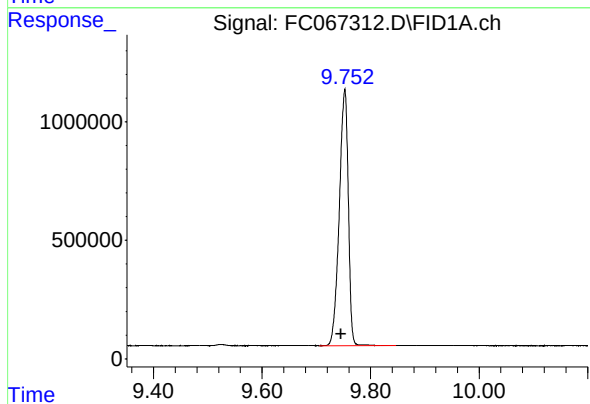
R.T.: 6.977 min
Delta R.T.: 0.007 min
Response: 13024556
Conc: 93.29 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



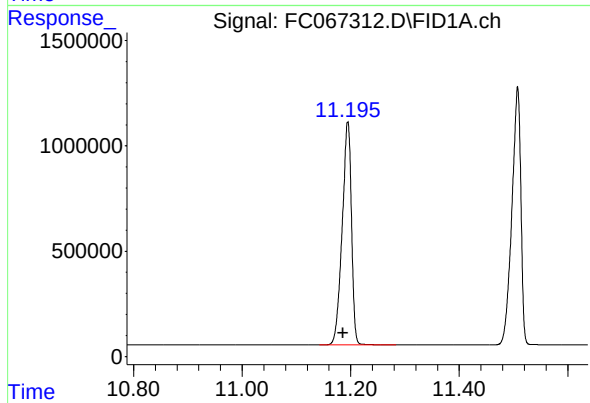
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.006 min
Response: 12180763
Conc: 93.11 ug/ml



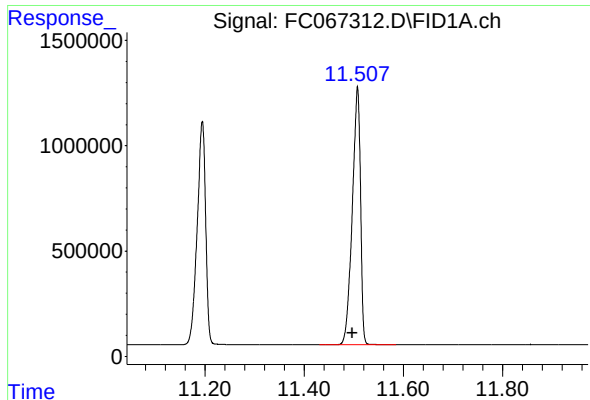
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.007 min
Response: 12490809
Conc: 92.42 ug/ml



#8 n-Octadecane (C18)

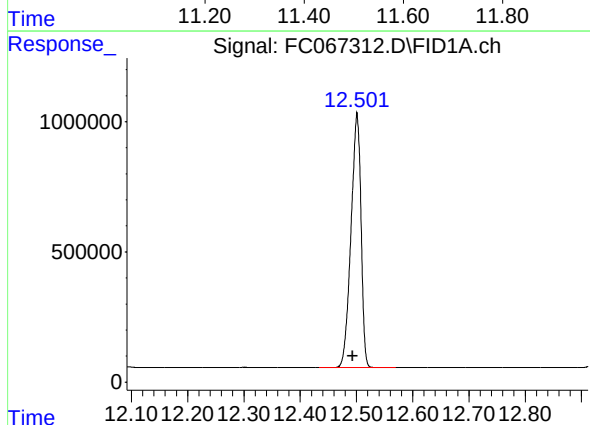
R.T.: 11.195 min
Delta R.T.: 0.008 min
Response: 12572452
Conc: 91.33 ug/ml



#9 ortho-Terphenyl (SURR)

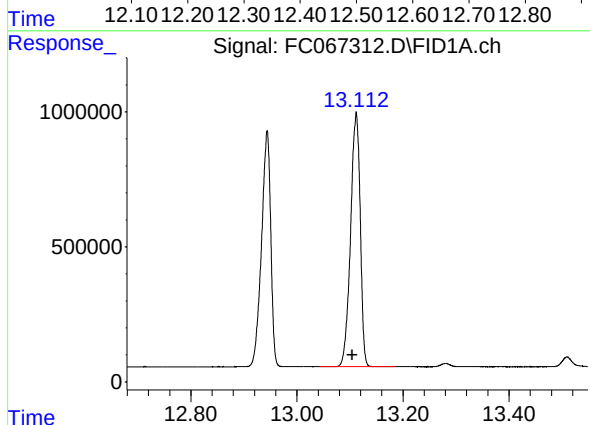
R.T.: 11.507 min
Delta R.T.: 0.010 min
Response: 14031279
Conc: 90.85 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



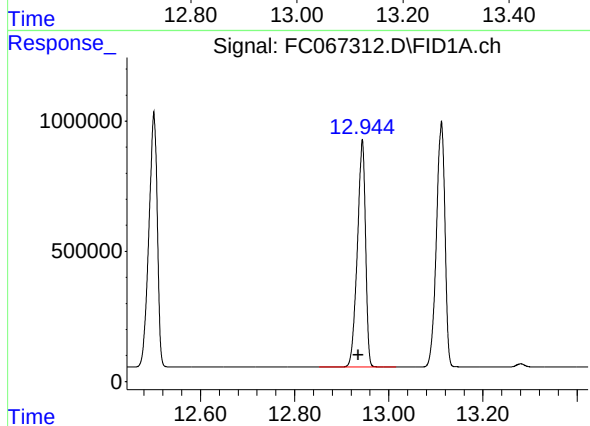
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.007 min
Response: 12084501
Conc: 91.35 ug/ml



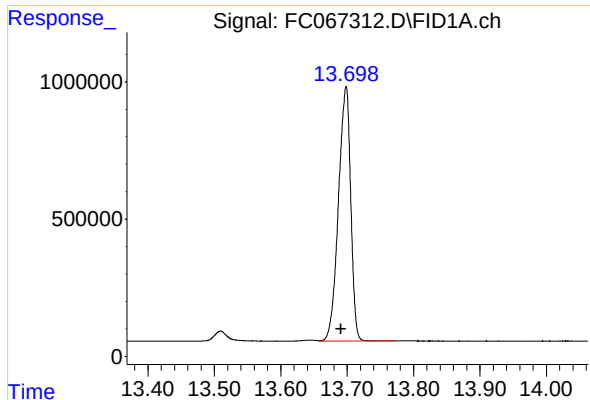
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.007 min
Response: 11882669
Conc: 91.18 ug/ml



#12 1-chlorooctadecane (SURR)

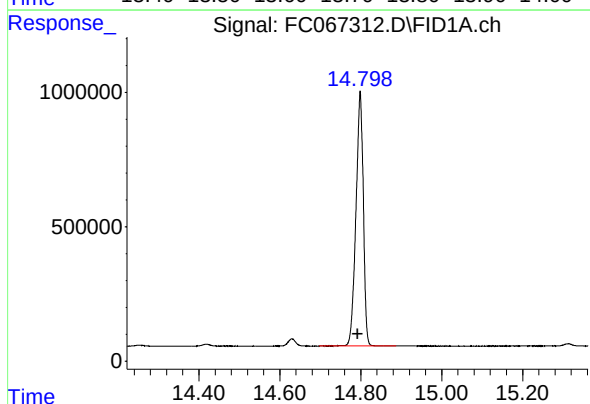
R.T.: 12.944 min
Delta R.T.: 0.008 min
Response: 10549566
Conc: 91.67 ug/ml



#13 n-Docosane (C22)

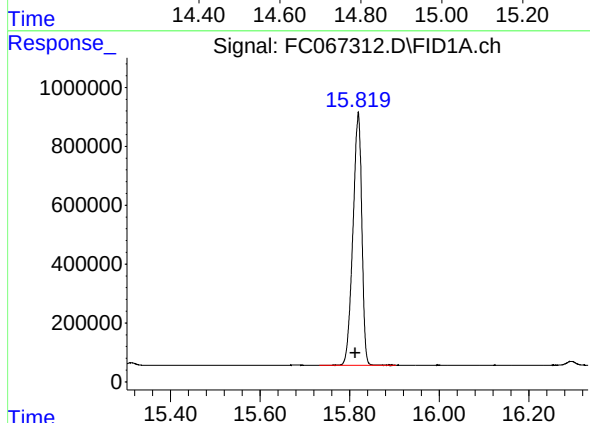
R.T.: 13.698 min
Delta R.T.: 0.007 min
Response: 11869877
Conc: 91.92 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



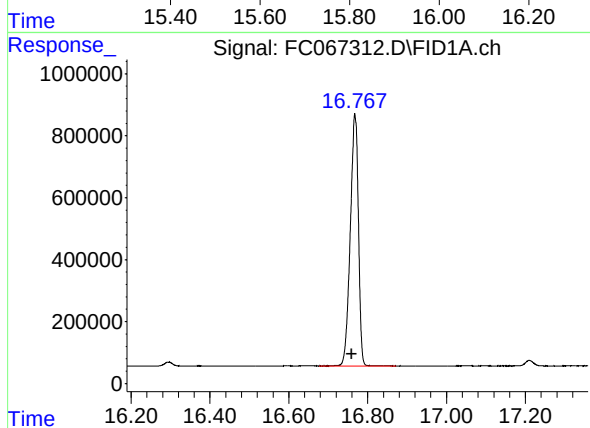
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.007 min
Response: 11932581
Conc: 92.69 ug/ml



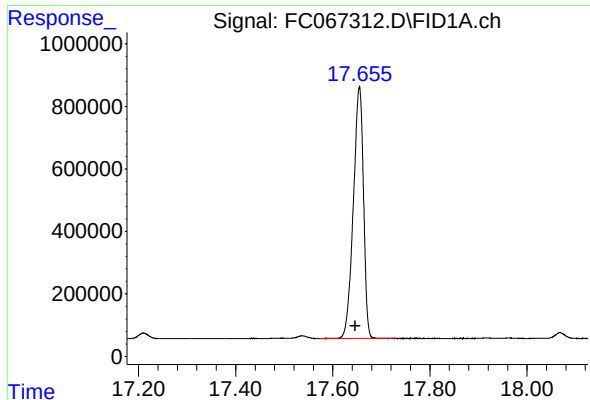
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: 0.007 min
Response: 11803866
Conc: 93.01 ug/ml



#16 n-Octacosane (C28)

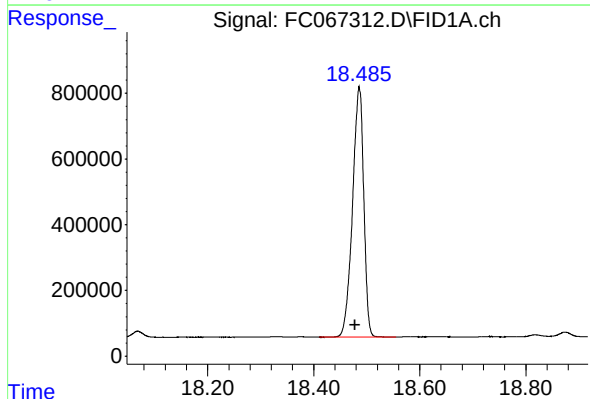
R.T.: 16.768 min
Delta R.T.: 0.008 min
Response: 11629656
Conc: 92.31 ug/ml



#17 n-Tricontane (C30)

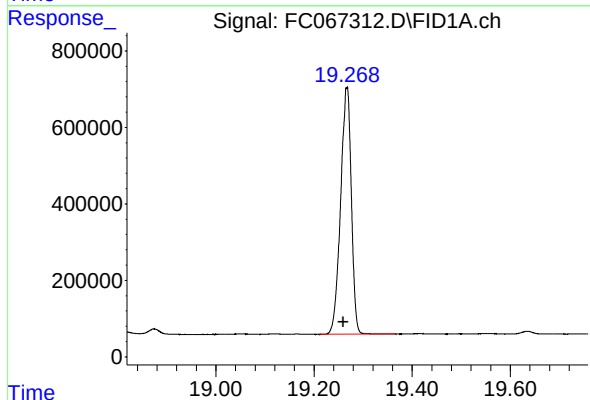
R.T.: 17.655 min
Delta R.T.: 0.009 min
Response: 11716937
Conc: 91.01 ug/ml

Instrument :
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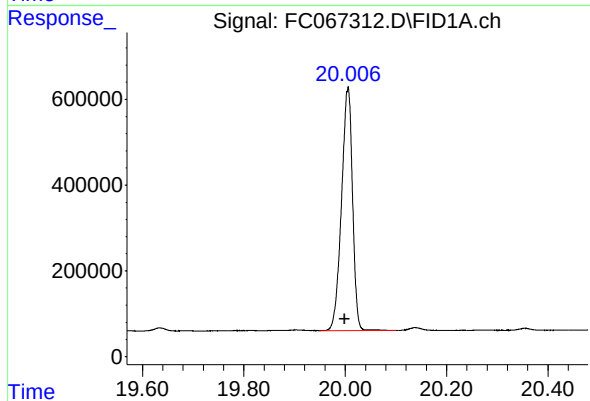
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: 0.008 min
Response: 11186042
Conc: 89.57 ug/ml



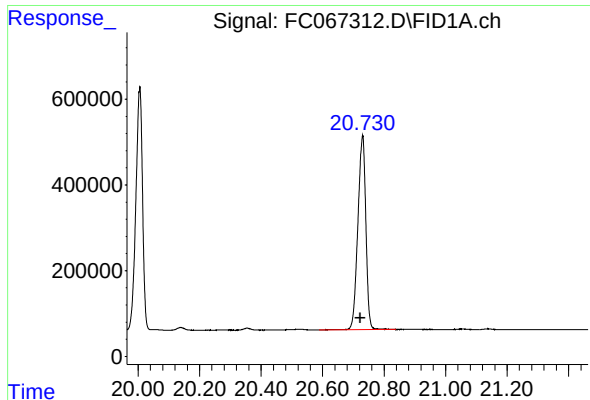
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: 0.007 min
Response: 9833987
Conc: 89.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: 0.006 min
Response: 8551618
Conc: 89.68 ug/ml



#21 n-Octatriacontane (C38)

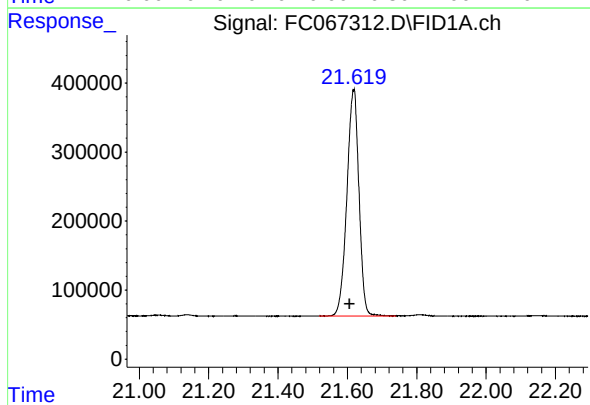
R.T.: 20.730 min
Delta R.T.: 0.007 min
Response: 8143888
Conc: 91.98 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.618 min
Delta R.T.: 0.011 min
Response: 7909213
Conc: 91.39 ug/ml