

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121024AL\
 Data File : FC067961.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 04:48
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Dec 10 07:48:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:47:35 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)	11.480	15877514	91.282 ug/ml
Spiked Amount 50.000		Recovery =	182.56%
12) S 1-chlorooctadecane (S...	12.918	11870508	92.116 ug/ml
Spiked Amount 50.000		Recovery =	184.23%
Target Compounds			
1) T n-Nonane (C9)	3.255	14082462	89.470 ug/ml
2) T n-Decane (C10)	4.319	14433547	89.814 ug/ml
3) T A~Naphthalene (C11.7)	5.896	16106430	90.999 ug/ml
4) T n-Dodecane (C12)	6.335	14703561	89.888 ug/ml
5) T A~2-methylnaphthalene...	6.952	15639596	91.538 ug/ml
6) T n-Tetradecane (C14)	8.128	14593971	90.424 ug/ml
7) T n-Hexadecane (C16)	9.727	14887943	90.932 ug/ml
8) T n-Octadecane (C18)	11.170	14738386	90.361 ug/ml
10) T n-Eicosane (C20)	12.476	13828766	90.965 ug/ml
11) T n-Heneicosane (C21)	13.087	13450237	91.179 ug/ml
13) T n-Docosane (C22)	13.673	13209285	91.611 ug/ml
14) T n-Tetracosane (C24)	14.774	12875285	92.195 ug/ml
15) T n-Hexacosane (C26)	15.792	12442452	92.666 ug/ml
16) T n-Octacosane (C28)	16.741	12015931	92.981 ug/ml
17) T n-Tricontane (C30)	17.627	11946295	92.851 ug/ml
18) T n-Dotriacontane (C32)	18.458	11369911	92.550 ug/ml
19) T n-Tetratriacontane (C34)	19.240	10037386	92.775 ug/ml
20) T n-Hexatriacontane (C36)	19.977	8849215	93.735 ug/ml
21) T n-Octatriacontane (C38)	20.698	8396142	93.025 ug/ml
22) T n-Tetracontane (C40)	21.578	8279669	94.146 ug/ml

(f)=RT Delta > 1/2 Window

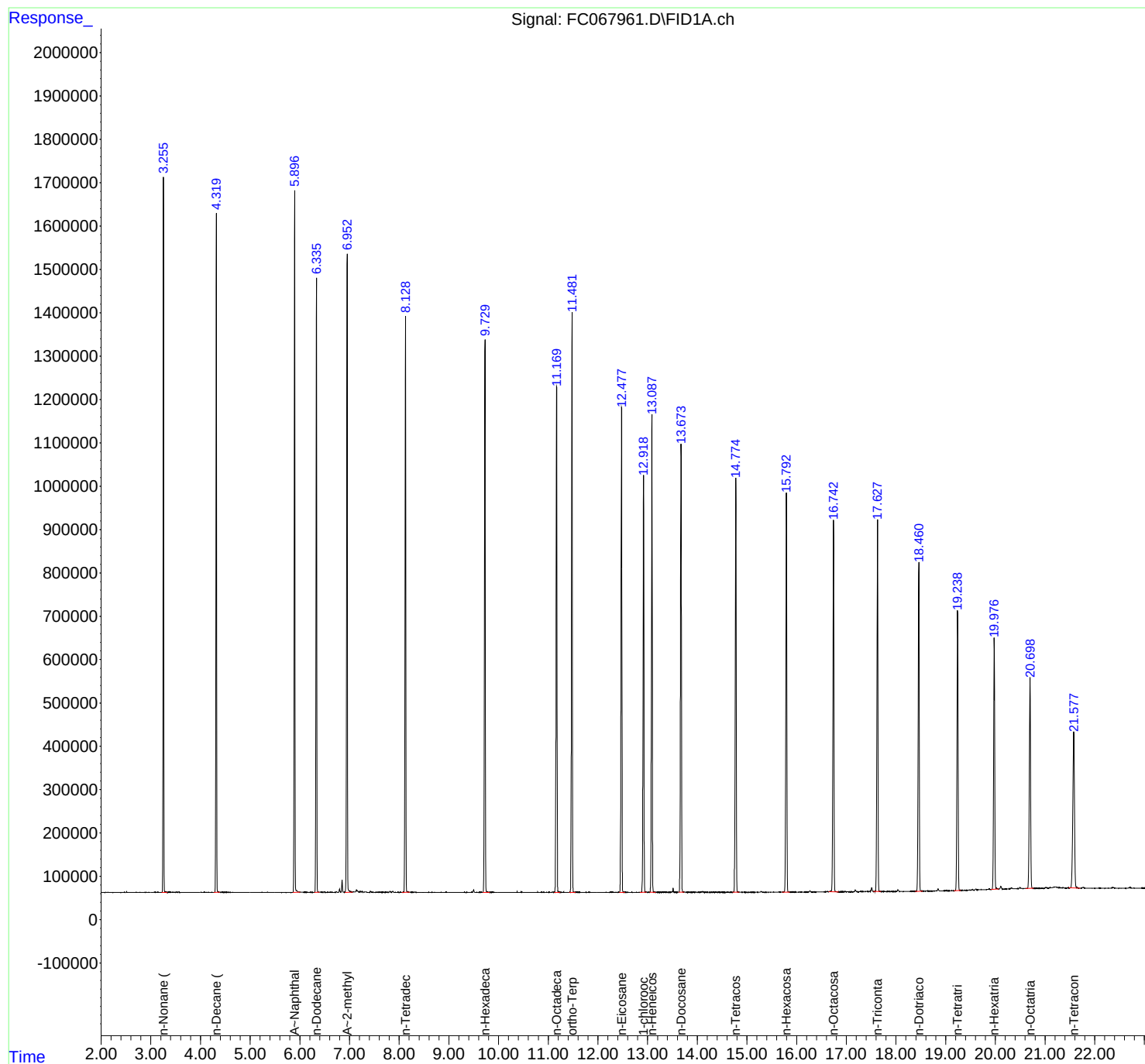
(m)=manual int.

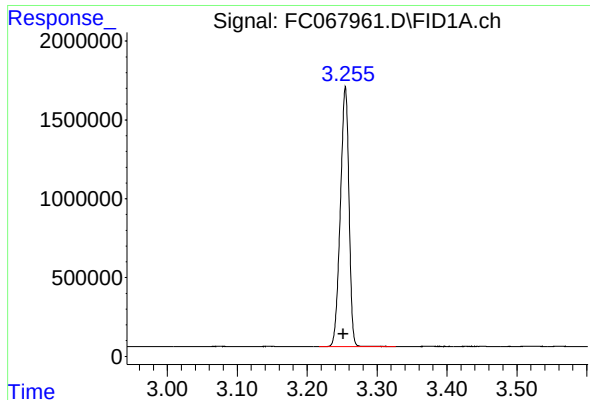
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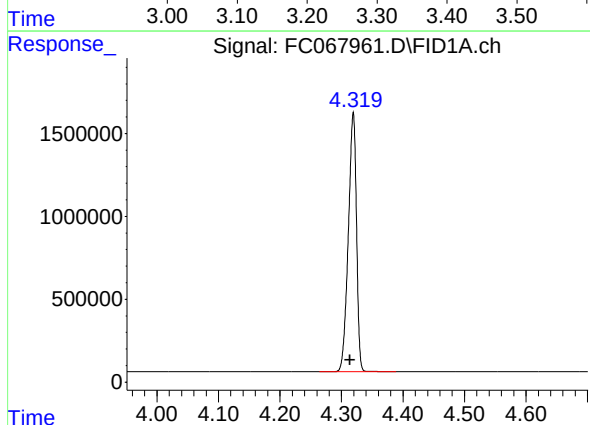




#1 n-Nonane (C9)

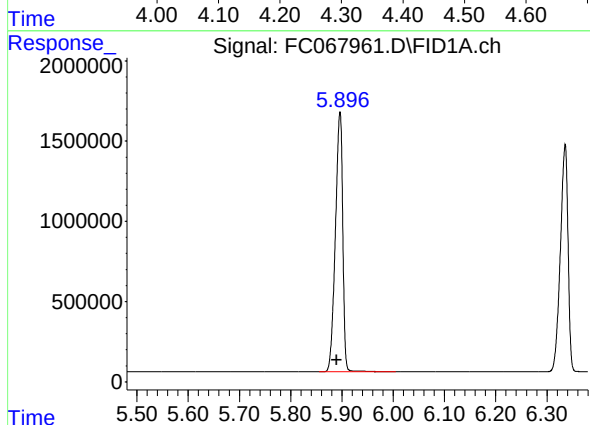
R.T.: 3.255 min
Delta R.T.: 0.003 min
Response: 14082462
Conc: 89.47 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



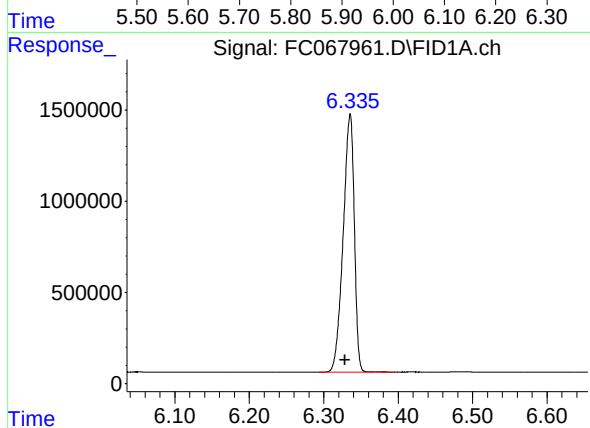
#2 n-Decane (C10)

R.T.: 4.319 min
Delta R.T.: 0.005 min
Response: 14433547
Conc: 89.81 ug/ml



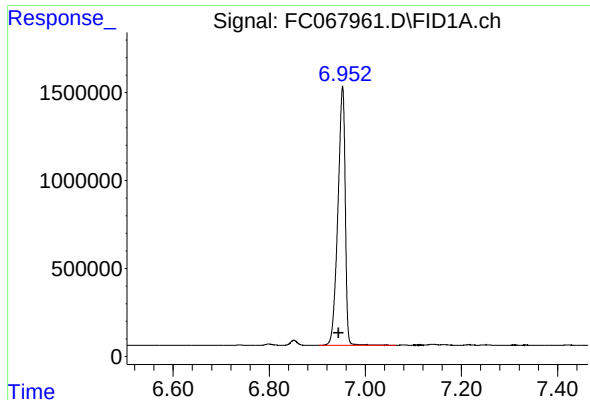
#3 A~Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: 0.006 min
Response: 16106430
Conc: 91.00 ug/ml



#4 n-Dodecane (C12)

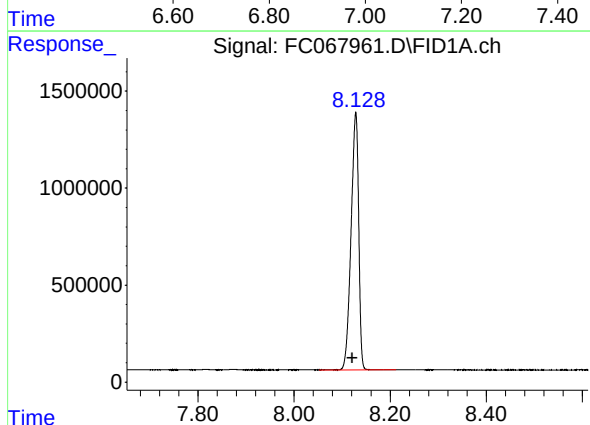
R.T.: 6.335 min
Delta R.T.: 0.006 min
Response: 14703561
Conc: 89.89 ug/ml



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

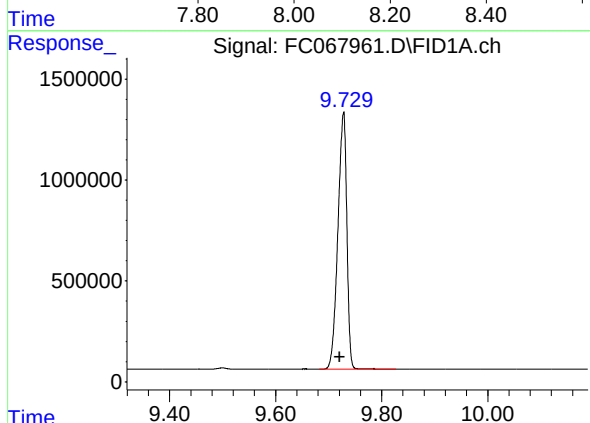
R.T.: 6.952 min
Delta R.T.: 0.008 min
Response: 15639596
Conc: 91.54 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



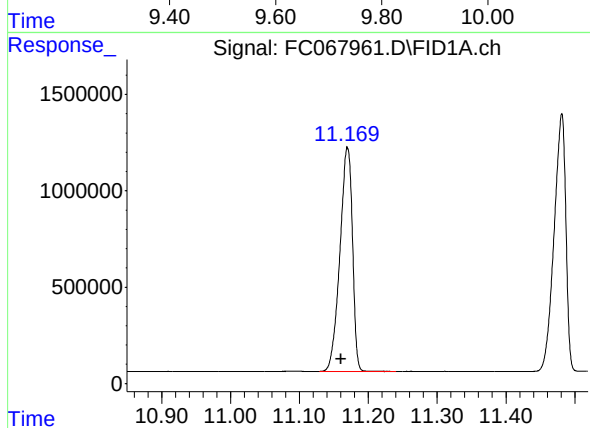
#6 n-Tetradecane (C14)

R.T.: 8.128 min
Delta R.T.: 0.006 min
Response: 14593971
Conc: 90.42 ug/ml



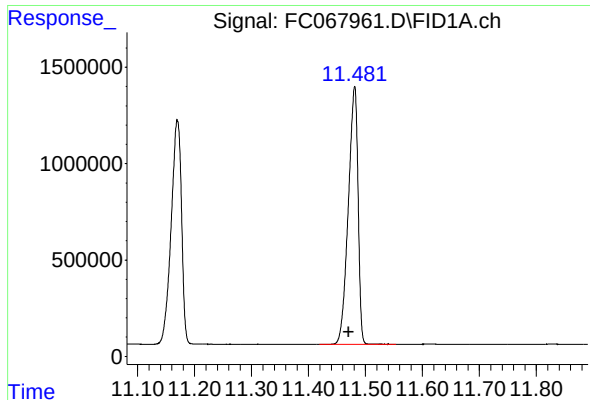
#7 n-Hexadecane (C16)

R.T.: 9.727 min
Delta R.T.: 0.007 min
Response: 14887943
Conc: 90.93 ug/ml



#8 n-Octadecane (C18)

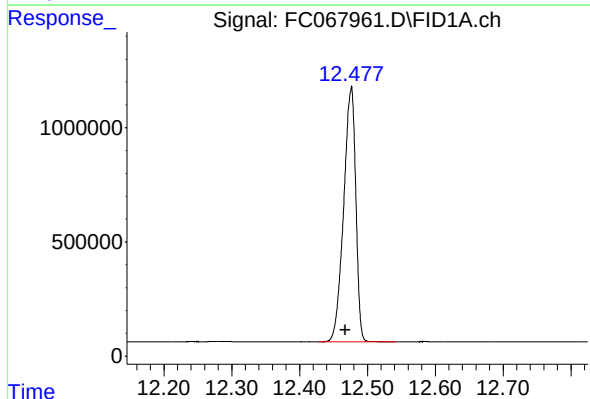
R.T.: 11.170 min
Delta R.T.: 0.009 min
Response: 14738386
Conc: 90.36 ug/ml



#9 ortho-Terphenyl (SURR)

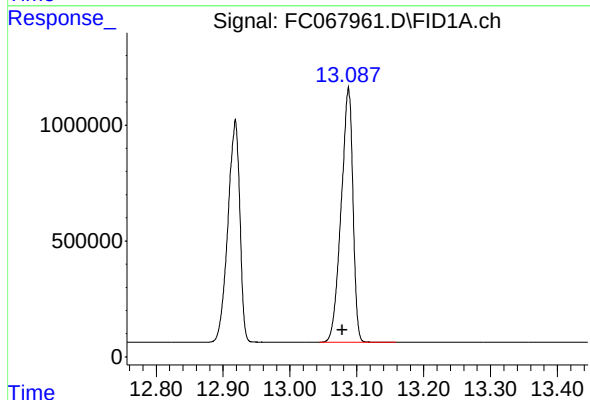
R.T.: 11.480 min
Delta R.T.: 0.010 min
Response: 15877514
Conc: 91.28 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



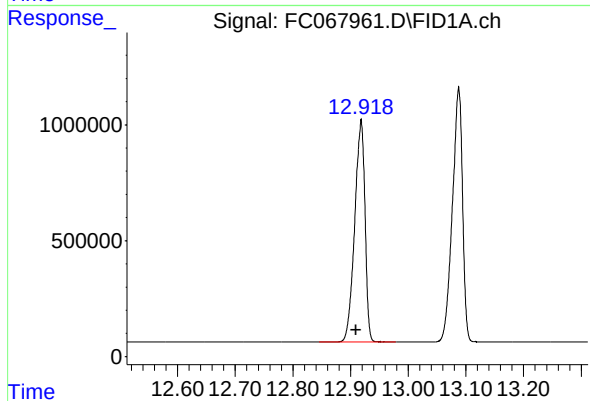
#10 n-Eicosane (C20)

R.T.: 12.476 min
Delta R.T.: 0.008 min
Response: 13828766
Conc: 90.97 ug/ml



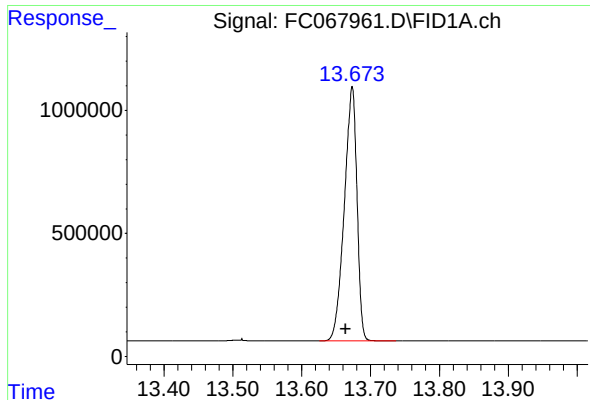
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: 0.009 min
Response: 13450237
Conc: 91.18 ug/ml



#12 1-chlorooctadecane (SURR)

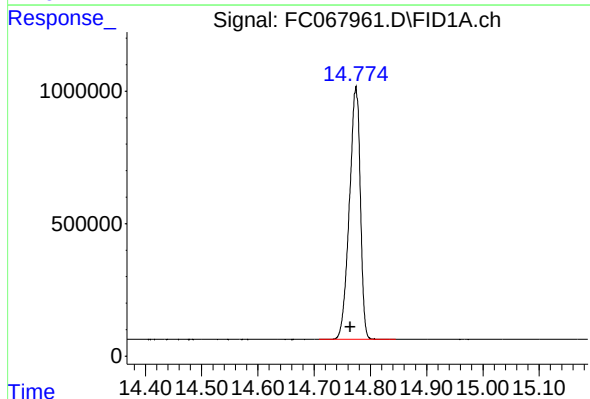
R.T.: 12.918 min
Delta R.T.: 0.009 min
Response: 11870508
Conc: 92.12 ug/ml



#13 n-Docosane (C22)

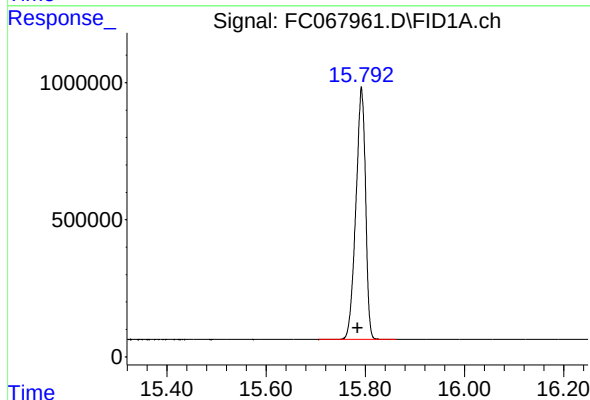
R.T.: 13.673 min
Delta R.T.: 0.009 min
Response: 13209285
Conc: 91.61 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



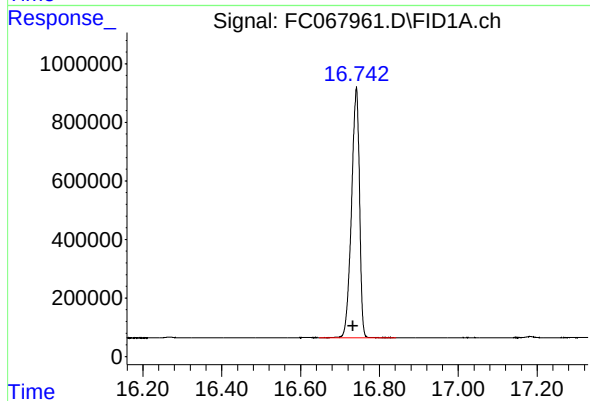
#14 n-Tetracosane (C24)

R.T.: 14.774 min
Delta R.T.: 0.009 min
Response: 12875285
Conc: 92.19 ug/ml



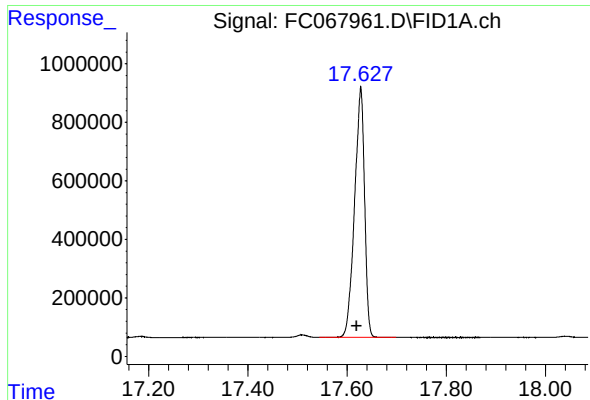
#15 n-Hexacosane (C26)

R.T.: 15.792 min
Delta R.T.: 0.008 min
Response: 12442452
Conc: 92.67 ug/ml



#16 n-Octacosane (C28)

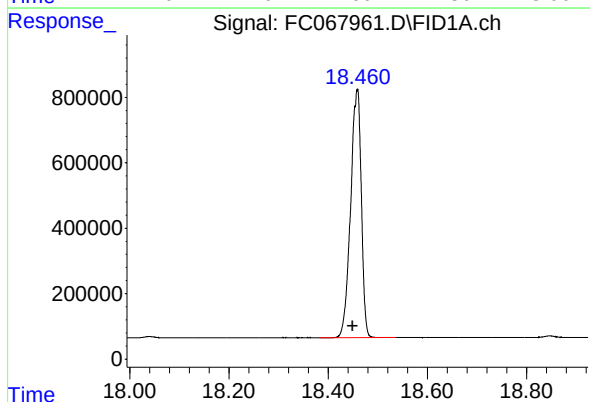
R.T.: 16.741 min
Delta R.T.: 0.008 min
Response: 12015931
Conc: 92.98 ug/ml



#17 n-Tricontane (C30)

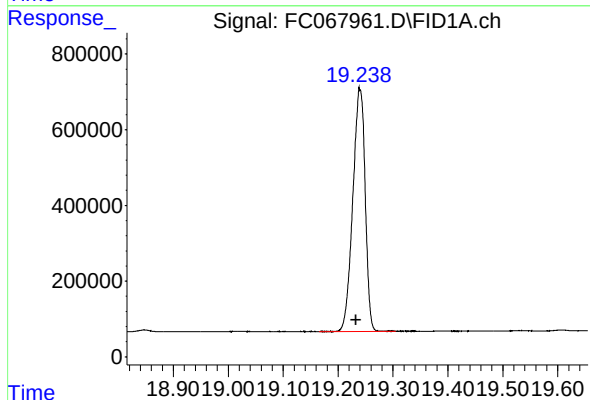
R.T.: 17.627 min
Delta R.T.: 0.009 min
Response: 11946295
Conc: 92.85 ug/ml

Instrument :
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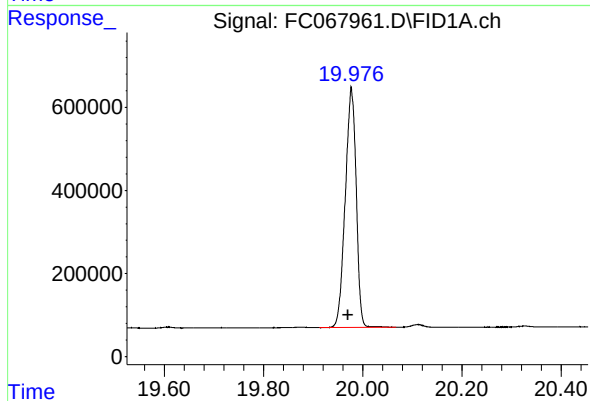
#18 n-Dotriacontane (C32)

R.T.: 18.458 min
Delta R.T.: 0.009 min
Response: 11369911
Conc: 92.55 ug/ml



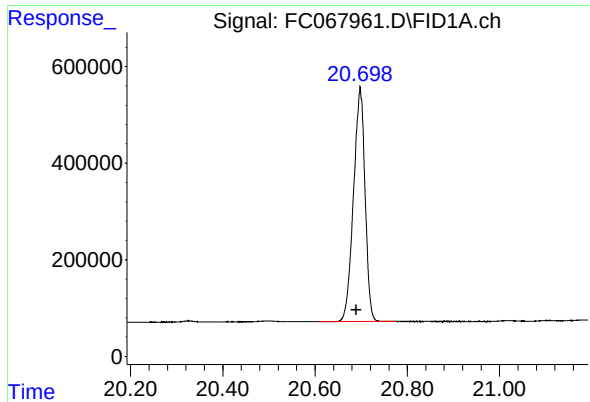
#19 n-Tetratriacontane (C34)

R.T.: 19.240 min
Delta R.T.: 0.008 min
Response: 10037386
Conc: 92.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.977 min
Delta R.T.: 0.007 min
Response: 8849215
Conc: 93.73 ug/ml



#21 n-Octatriacontane (C38)

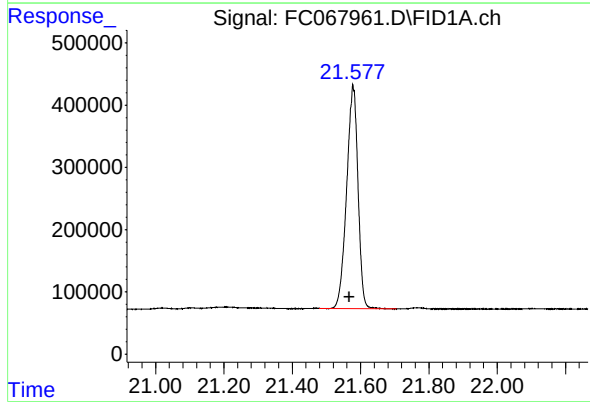
R.T.: 20.698 min
Delta R.T.: 0.009 min
Response: 8396142
Conc: 93.03 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.578 min
Delta R.T.: 0.010 min
Response: 8279669
Conc: 94.15 ug/ml