

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083021AL\
 Data File : FC055442.D
 Signal(s) : FID1A.CH
 Acq On : 30 Aug 2021 19:27
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 31 01:39:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:37:03 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.672	12253262	98.110 ug/ml
Spiked Amount 50.000		Recovery =	196.22%
12) S 1-chlorooctadecane (S...	13.105	9654796	97.653 ug/ml
Spiked Amount 50.000		Recovery =	195.31%
Target Compounds			
1) T n-Nonane (C9)	3.405	10626978	98.213 ug/ml
2) T n-Decane (C10)	4.477	10725366	98.432 ug/ml
3) T A~Naphthalene (C11.7)	6.067	12107827	98.353 ug/ml
4) T n-Dodecane (C12)	6.500	10770176	98.596 ug/ml
5) T A~2-methylnaphthalene...	7.128	12260018	98.807 ug/ml
6) T n-Tetradecane (C14)	8.299	10997524	98.940 ug/ml
7) T n-Hexadecane (C16)	9.904	11118898	98.748 ug/ml
8) T n-Octadecane (C18)	11.350	11390353	98.079 ug/ml
10) T n-Eicosane (C20)	12.660	11310030	97.474 ug/ml
11) T n-Heneicosane (C21)	13.273	11415511	97.348 ug/ml
13) T n-Docosane (C22)	13.859	11318830	97.305 ug/ml
14) T n-Tetracosane (C24)	14.963	11299113	97.073 ug/ml
15) T n-Hexacosane (C26)	15.984	10981819	96.903 ug/ml
16) T n-Octacosane (C28)	16.933	10680332	96.410 ug/ml
17) T n-Tricontane (C30)	17.820	10194861	95.844 ug/ml
18) T n-Dotriacontane (C32)	18.653	9537759	95.746 ug/ml
19) T n-Tetratriacontane (C34)	19.435	9082488	96.309 ug/ml
20) T n-Hexatriacontane (C36)	20.175	8436088	97.438 ug/ml
21) T n-Octatriacontane (C38)	20.928	7917606	97.618 ug/ml
22) T n-Tetracontane (C40)	21.876	7907245	98.696 ug/ml

(f)=RT Delta > 1/2 Window

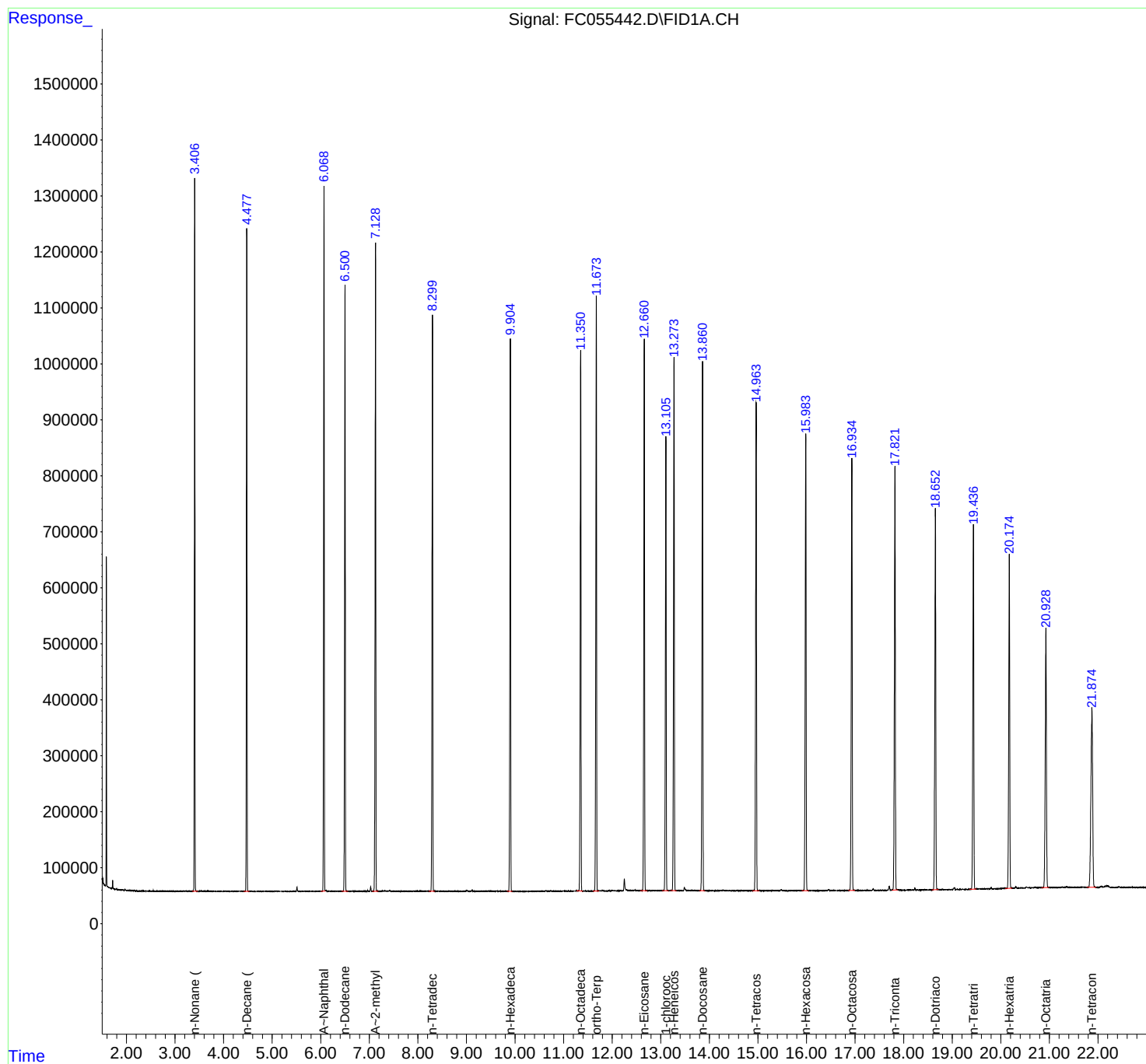
(m)=manual int.

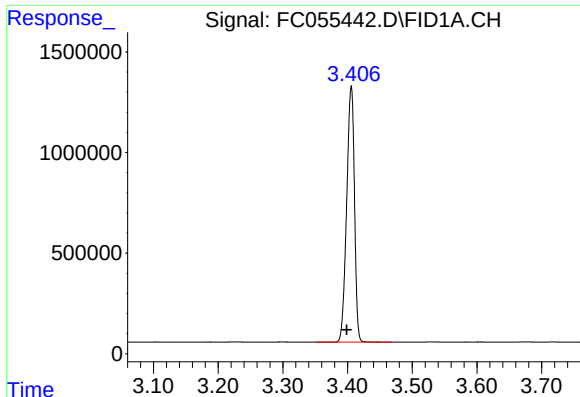
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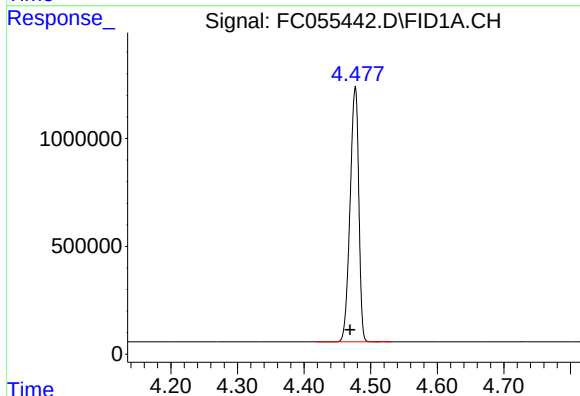




#1 n-Nonane (C9)

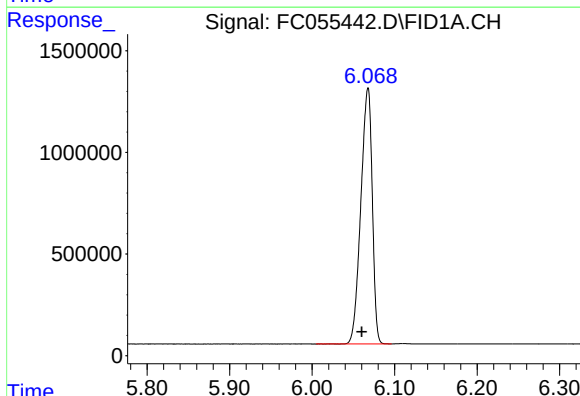
R.T.: 3.405 min
Delta R.T.: 0.006 min
Response: 10626978
Conc: 98.21 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



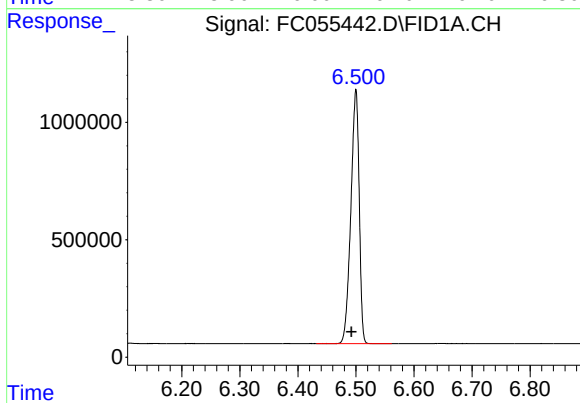
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: 0.008 min
Response: 10725366
Conc: 98.43 ug/ml



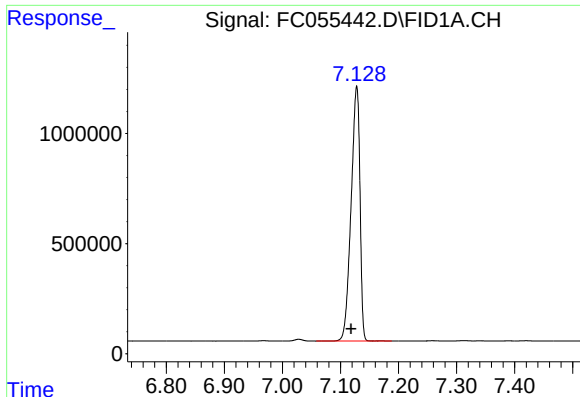
#3 A~Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: 0.007 min
Response: 12107827
Conc: 98.35 ug/ml



#4 n-Dodecane (C12)

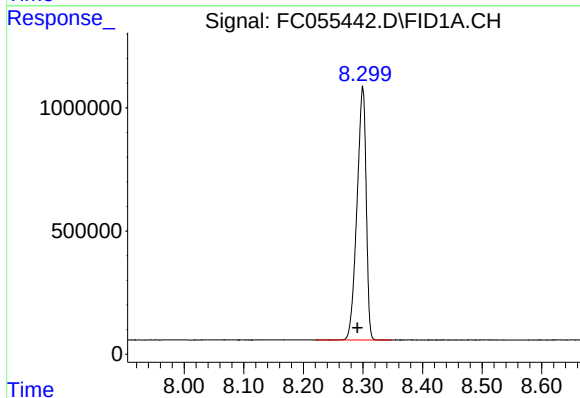
R.T.: 6.500 min
Delta R.T.: 0.007 min
Response: 10770176
Conc: 98.60 ug/ml



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

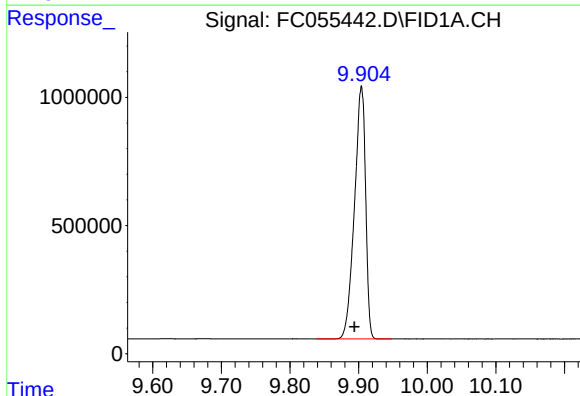
R.T.: 7.128 min
Delta R.T.: 0.009 min
Response: 12260018
Conc: 98.81 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



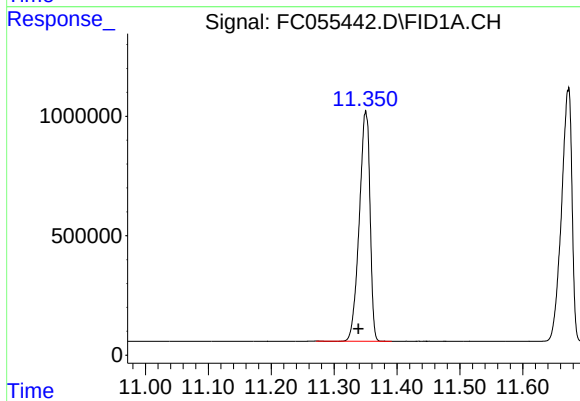
#6 n-Tetradecane (C14)

R.T.: 8.299 min
Delta R.T.: 0.009 min
Response: 10997524
Conc: 98.94 ug/ml



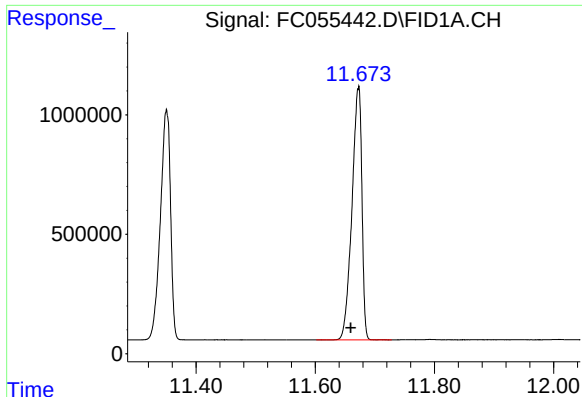
#7 n-Hexadecane (C16)

R.T.: 9.904 min
Delta R.T.: 0.010 min
Response: 11118898
Conc: 98.75 ug/ml



#8 n-Octadecane (C18)

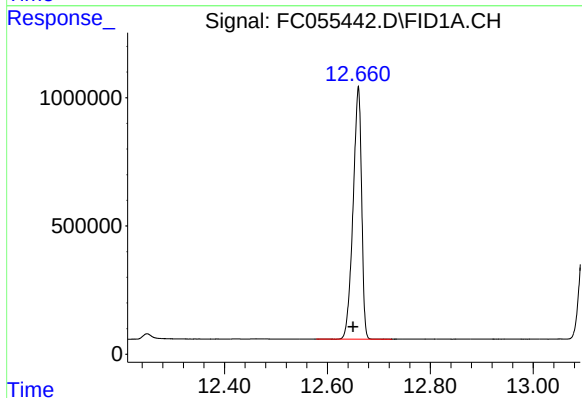
R.T.: 11.350 min
Delta R.T.: 0.012 min
Response: 11390353
Conc: 98.08 ug/ml



#9 ortho-Terphenyl (SURR)

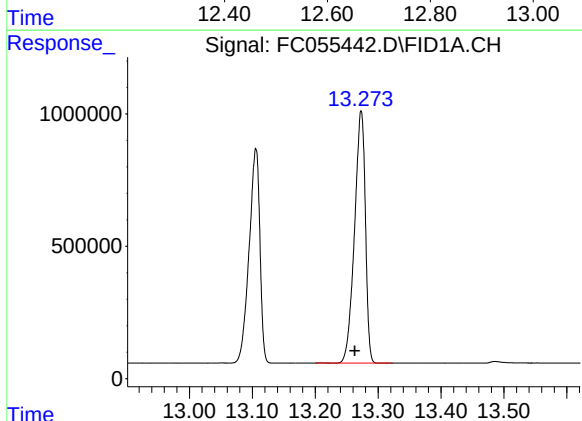
R.T.: 11.672 min
Delta R.T.: 0.012 min
Response: 12253262
Conc: 98.11 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



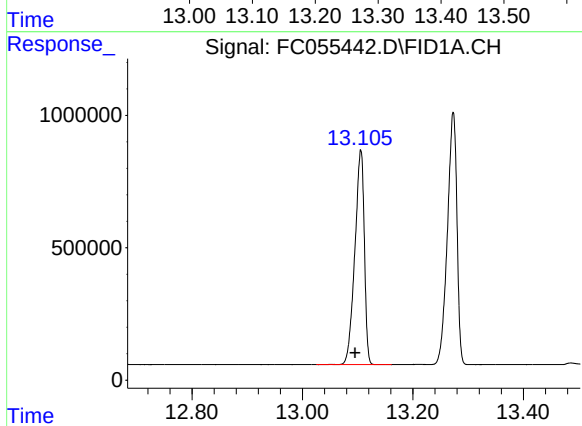
#10 n-Eicosane (C20)

R.T.: 12.660 min
Delta R.T.: 0.010 min
Response: 11310030
Conc: 97.47 ug/ml



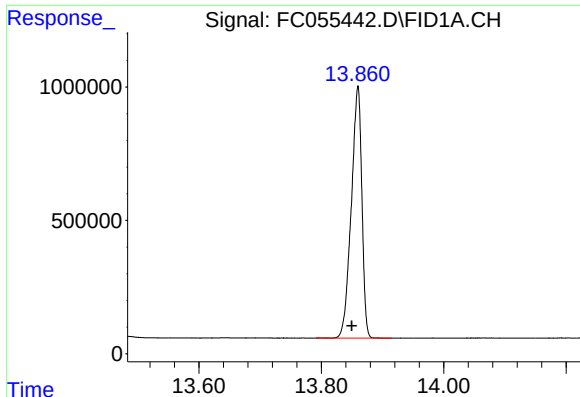
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: 0.010 min
Response: 11415511
Conc: 97.35 ug/ml



#12 1-chlorooctadecane (SURR)

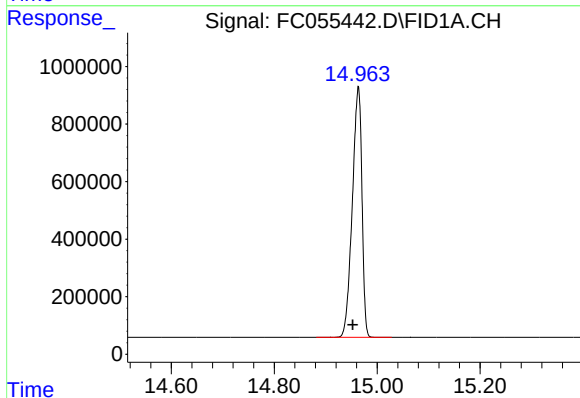
R.T.: 13.105 min
Delta R.T.: 0.010 min
Response: 9654796
Conc: 97.65 ug/ml



#13 n-Docosane (C22)

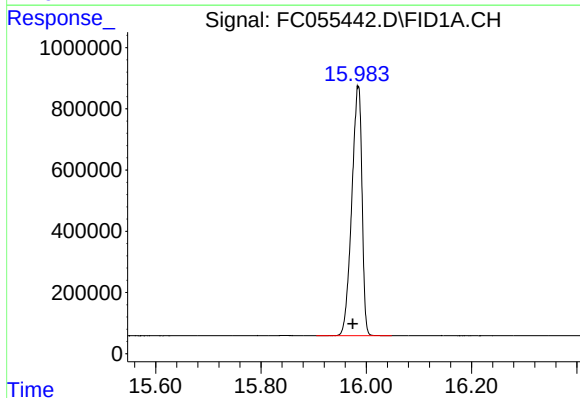
R.T.: 13.859 min
Delta R.T.: 0.010 min
Response: 11318830
Conc: 97.30 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



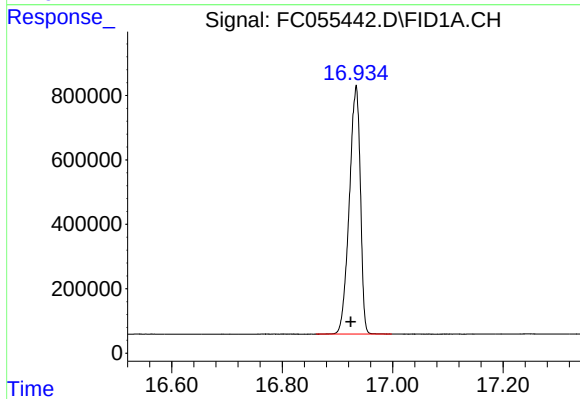
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: 0.011 min
Response: 11299113
Conc: 97.07 ug/ml



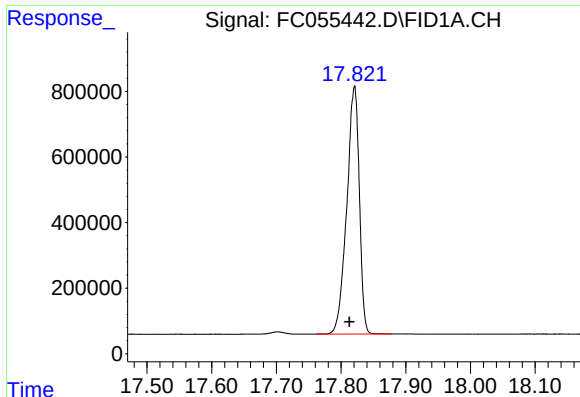
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: 0.010 min
Response: 10981819
Conc: 96.90 ug/ml



#16 n-Octacosane (C28)

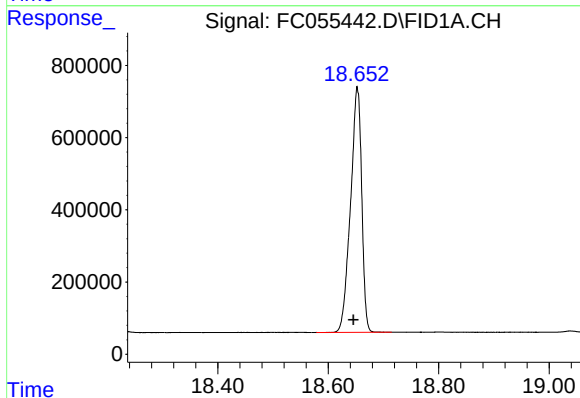
R.T.: 16.933 min
Delta R.T.: 0.009 min
Response: 10680332
Conc: 96.41 ug/ml



#17 n-Tricontane (C30)

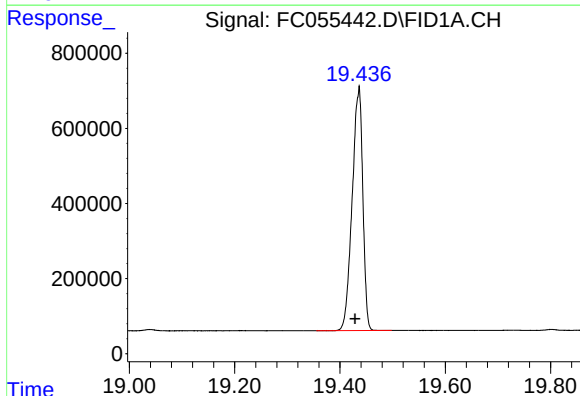
R.T.: 17.820 min
Delta R.T.: 0.007 min
Response: 10194861
Conc: 95.84 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



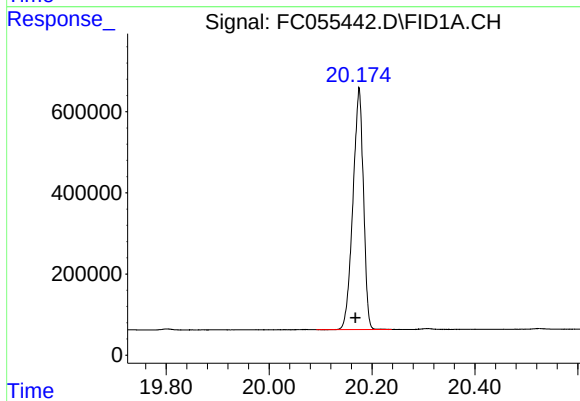
#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: 0.007 min
Response: 9537759
Conc: 95.75 ug/ml



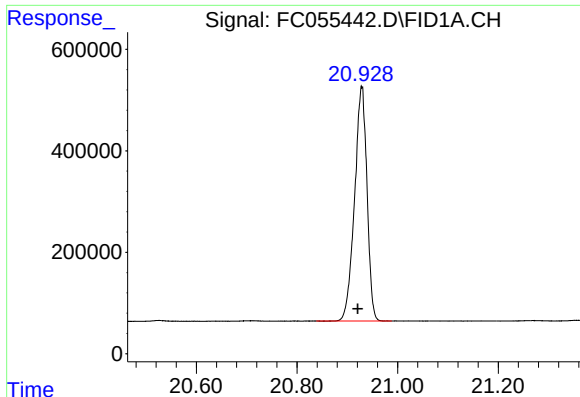
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: 0.007 min
Response: 9082488
Conc: 96.31 ug/ml



#20 n-Hexatriacontane (C36)

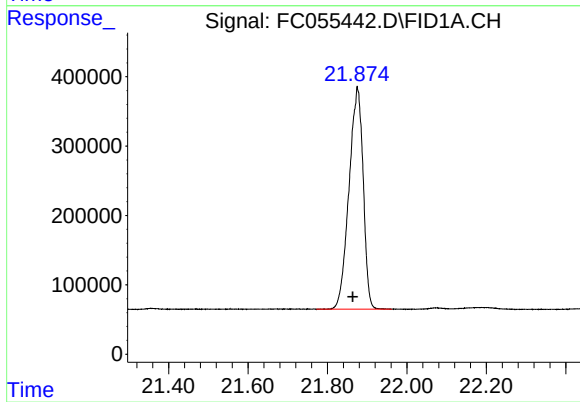
R.T.: 20.175 min
Delta R.T.: 0.007 min
Response: 8436088
Conc: 97.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.928 min
Delta R.T.: 0.007 min
Response: 7917606
Conc: 97.62 ug/ml

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100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.876 min
Delta R.T.: 0.012 min
Response: 7907245
Conc: 98.70 ug/ml