

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022219AL\
 Data File : FC039356.D
 Signal(s) : FID1A.CH
 Acq On : 22 Feb 2019 14:29
 Operator : AJ\SJ
 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: Feb 23 01:29:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 23 01:28:09 2019
 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)	11.190	15980825	93.756 ug/ml
Spiked Amount 50.000		Recovery =	187.51%
12) S 1-chlorooctadecane (S...	12.631	11986756	93.714 ug/ml
Spiked Amount 50.000		Recovery =	187.43%
Target Compounds			
1) T n-Nonane (C9)	3.047	11882992	102.324 ug/ml
2) T n-Decane (C10)	4.097	12067317	102.689 ug/ml
3) T A-Naphthalene (C11.7)	5.648	13603460	106.325 ug/ml
4) T n-Dodecane (C12)	6.096	12143786	100.941 ug/ml
5) T A~2-methylnaphthalene...	6.696	13684464	107.950 ug/ml
6) T n-Tetradecane (C14)	7.875	12275217	97.671 ug/ml
7) T n-Hexadecane (C16)	9.463	12212434	94.159 ug/ml
8) T n-Octadecane (C18)	10.895	12193410	90.775 ug/ml
10) T n-Eicosane (C20)	12.194	12131919	92.087 ug/ml
11) T n-Heneicosane (C21)	12.801	11994007	93.698 ug/ml
13) T n-Docosane (C22)	13.384	12030051	94.774 ug/ml
14) T n-Tetracosane (C24)	14.479	12107651	97.623 ug/ml
15) T n-Hexacosane (C26)	15.494	12158972	101.441 ug/ml
16) T n-Octacosane (C28)	16.440	12514888	100.657 ug/ml
17) T n-Tricontane (C30)	17.323	12651455	95.887 ug/ml
18) T n-Dotriacontane (C32)	18.149	12063251	99.756 ug/ml
19) T n-Tetratriacontane (C34)	18.930	10848225	104.942 ug/ml
20) T n-Hexatriacontane (C36)	19.665	9707128	108.934 ug/ml
21) T n-Octatriacontane (C38)	20.361	9186618	109.931 ug/ml
22) T n-Tetracontane (C40)	21.131	9143265	109.583 ug/ml

(f)=RT Delta > 1/2 Window

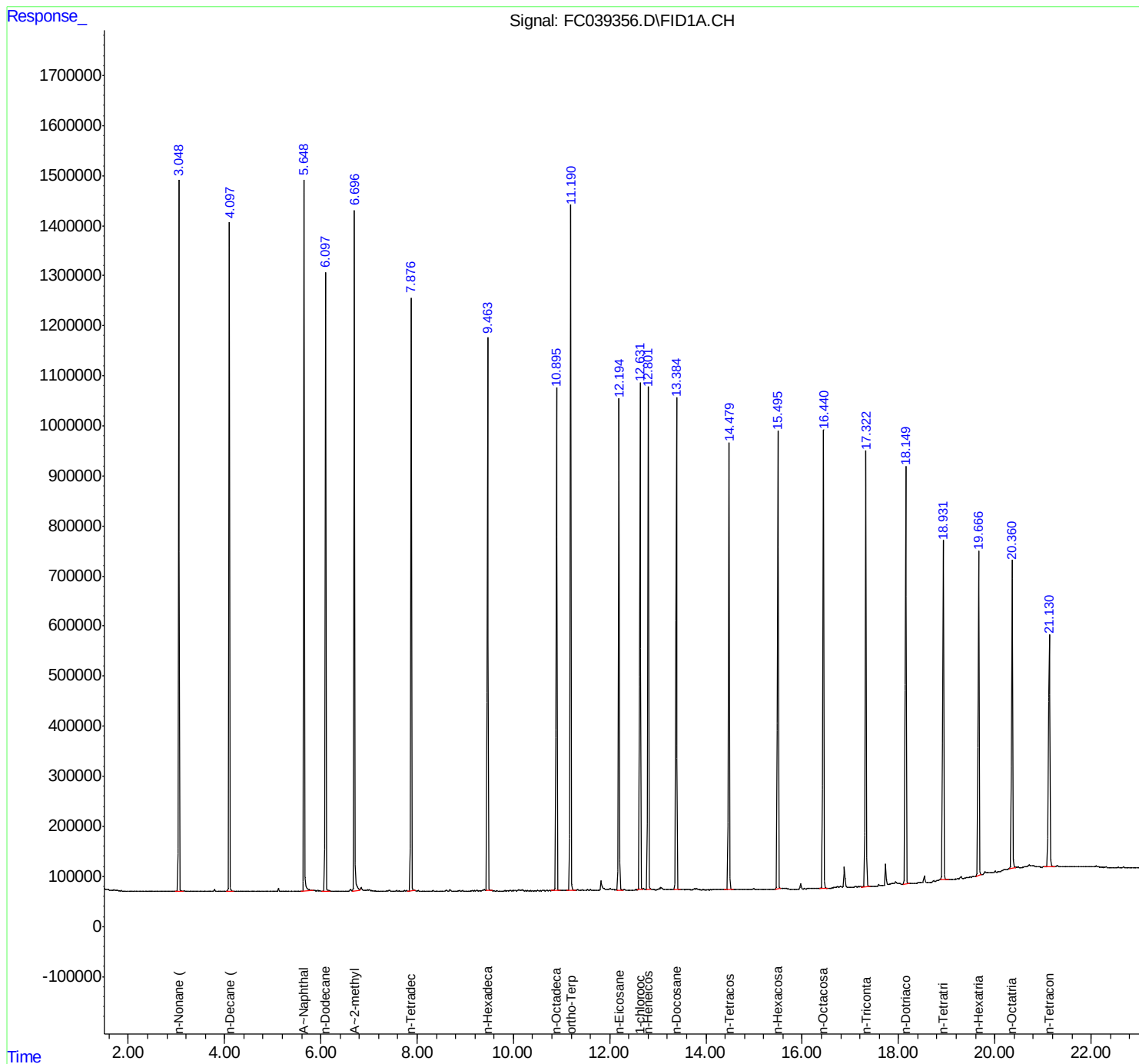
(m)=manual int.

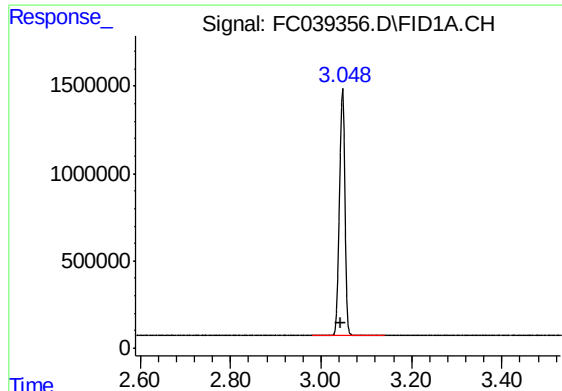
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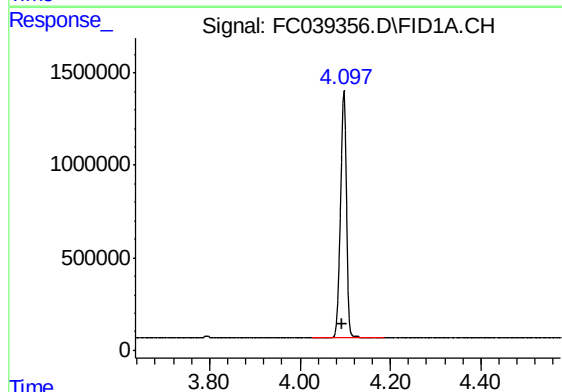




#1 n-Nonane (C9)

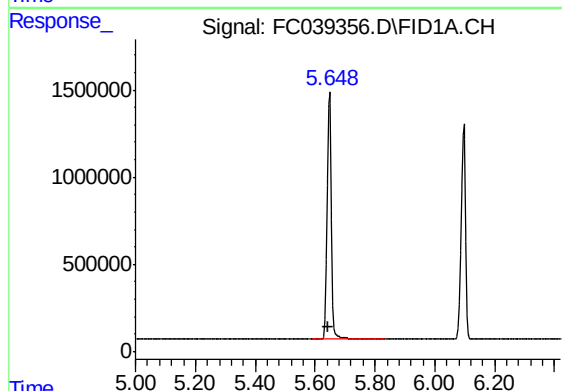
R.T.: 3.047 min
Delta R.T.: 0.002 min
Response: 11882992
Conc: 102.32 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



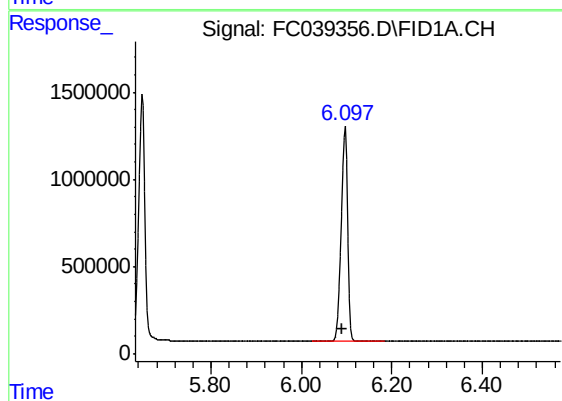
#2 n-Decane (C10)

R.T.: 4.097 min
Delta R.T.: 0.004 min
Response: 12067317
Conc: 102.69 ug/ml



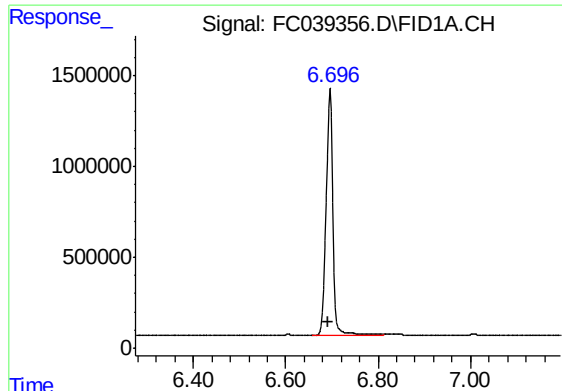
#3 A~Naphthalene (C11.7)

R.T.: 5.648 min
Delta R.T.: 0.002 min
Response: 13603460
Conc: 106.32 ug/ml



#4 n-Dodecane (C12)

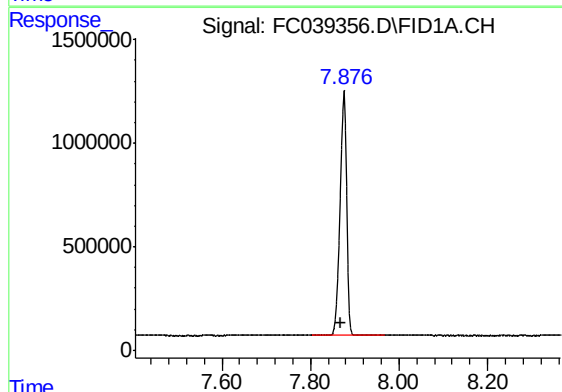
R.T.: 6.096 min
Delta R.T.: 0.005 min
Response: 12143786
Conc: 100.94 ug/ml



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

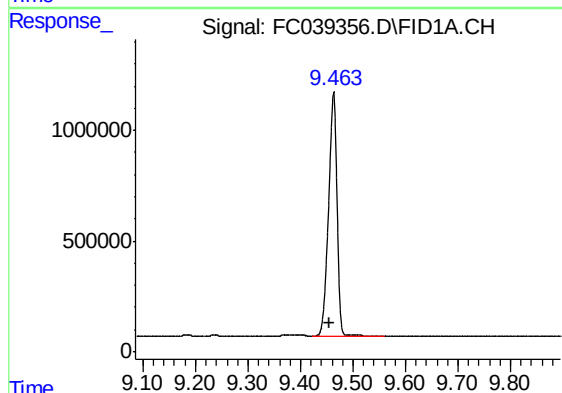
R.T.: 6.696 min
Delta R.T.: 0.004 min
Response: 13684464
Conc: 107.95 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



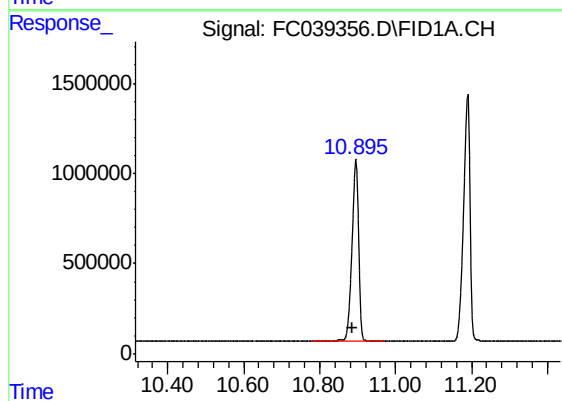
#6 n-Tetradecane (C14)

R.T.: 7.875 min
Delta R.T.: 0.007 min
Response: 12275217
Conc: 97.67 ug/ml



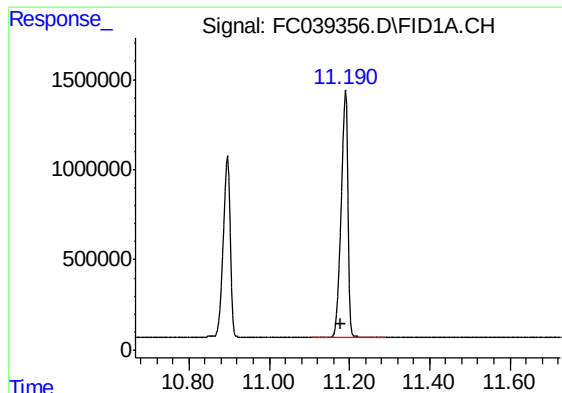
#7 n-Hexadecane (C16)

R.T.: 9.463 min
Delta R.T.: 0.007 min
Response: 12212434
Conc: 94.16 ug/ml



#8 n-Octadecane (C18)

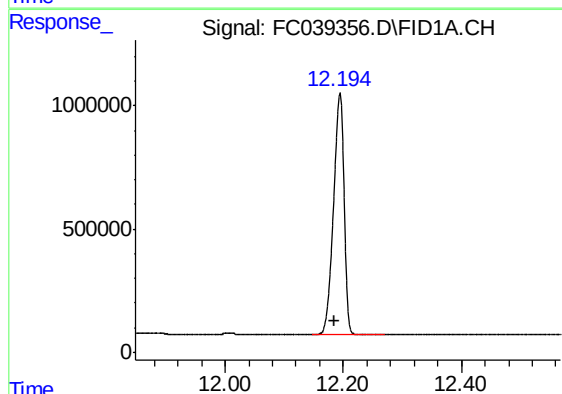
R.T.: 10.895 min
Delta R.T.: 0.010 min
Response: 12193410
Conc: 90.77 ug/ml



#9 ortho-Terphenyl (SURR)

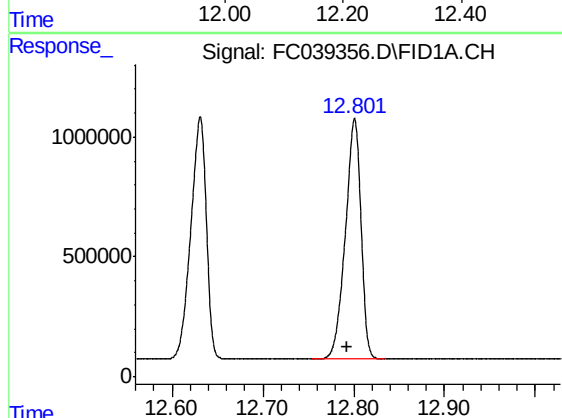
R.T.: 11.190 min
Delta R.T.: 0.011 min
Response: 15980825
Conc: 93.76 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



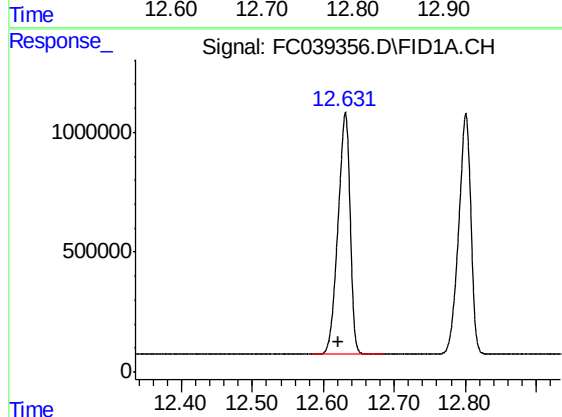
#10 n-Eicosane (C20)

R.T.: 12.194 min
Delta R.T.: 0.008 min
Response: 12131919
Conc: 92.09 ug/ml



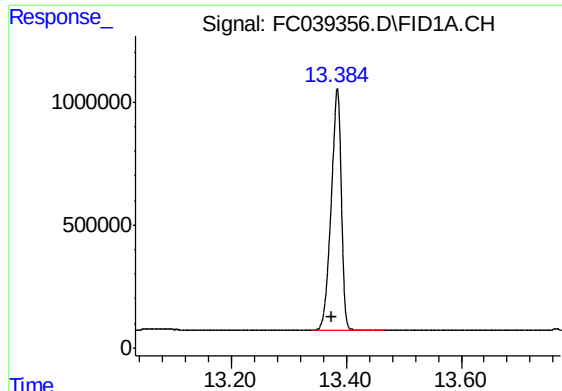
#11 n-Heneicosane (C21)

R.T.: 12.801 min
Delta R.T.: 0.008 min
Response: 11994007
Conc: 93.70 ug/ml



#12 1-chlorooctadecane (SURR)

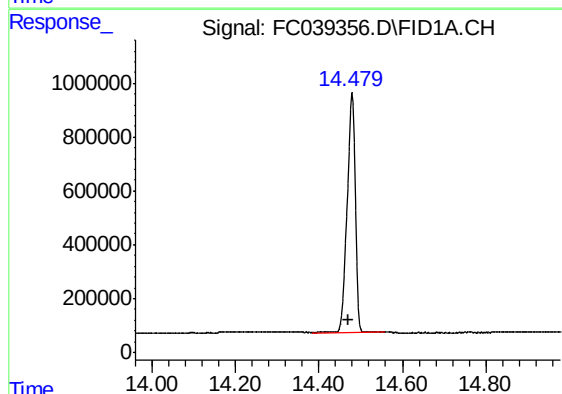
R.T.: 12.631 min
Delta R.T.: 0.009 min
Response: 11986756
Conc: 93.71 ug/ml



#13 n-Docosane (C22)

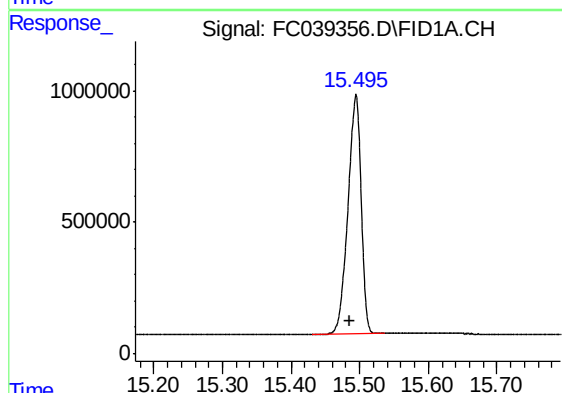
R.T.: 13.384 min
Delta R.T.: 0.008 min
Response: 12030051
Conc: 94.77 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



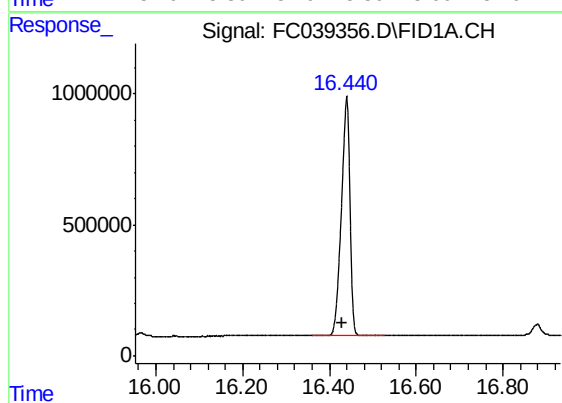
#14 n-Tetracosane (C24)

R.T.: 14.479 min
Delta R.T.: 0.009 min
Response: 12107651
Conc: 97.62 ug/ml



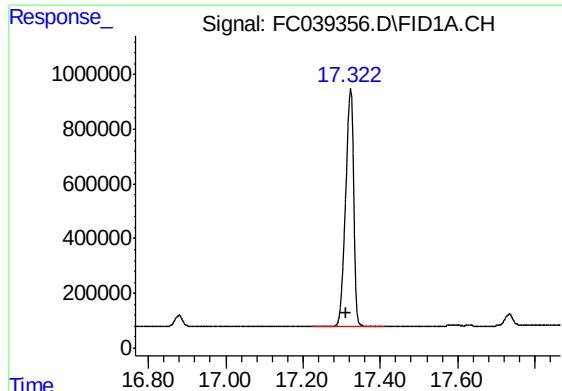
#15 n-Hexacosane (C26)

R.T.: 15.494 min
Delta R.T.: 0.008 min
Response: 12158972
Conc: 101.44 ug/ml



#16 n-Octacosane (C28)

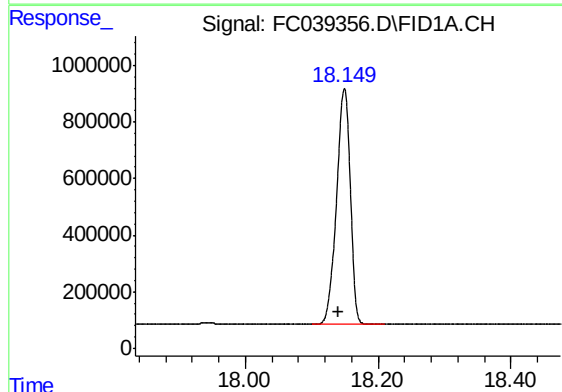
R.T.: 16.440 min
Delta R.T.: 0.010 min
Response: 12514888
Conc: 100.66 ug/ml



#17 n-Tricontane (C30)

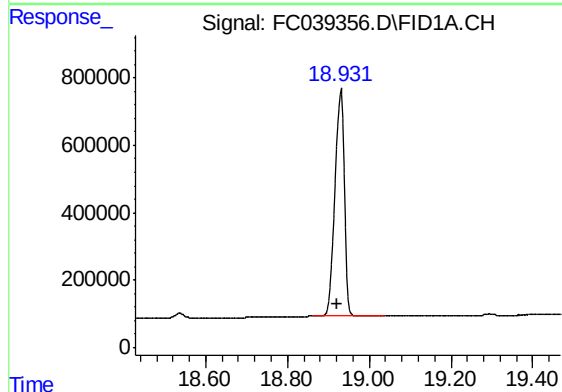
R.T.: 17.323 min
Delta R.T.: 0.010 min
Response: 12651455
Conc: 95.89 ug/ml

Instrument :
FID_C
ClientSampleId :
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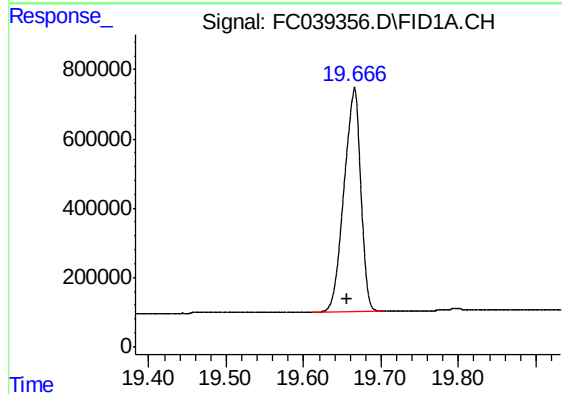
#18 n-Dotriacontane (C32)

R.T.: 18.149 min
Delta R.T.: 0.009 min
Response: 12063251
Conc: 99.76 ug/ml



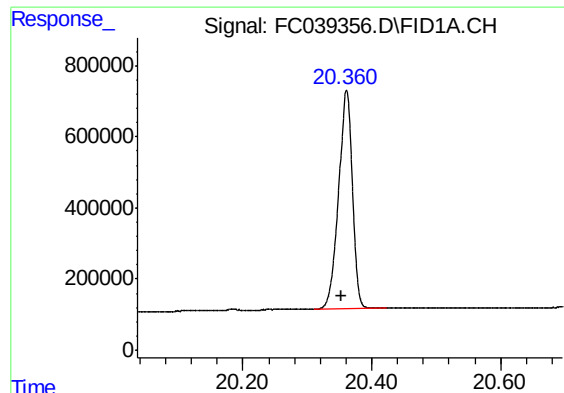
#19 n-Tetratriacontane (C34)

R.T.: 18.930 min
Delta R.T.: 0.010 min
Response: 10848225
Conc: 104.94 ug/ml



#20 n-Hexatriacontane (C36)

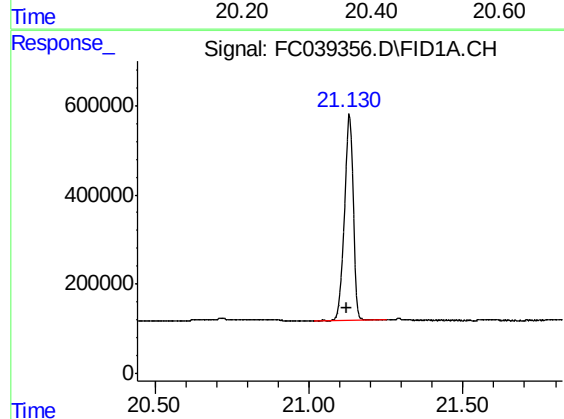
R.T.: 19.665 min
Delta R.T.: 0.009 min
Response: 9707128
Conc: 108.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.361 min
Delta R.T.: 0.007 min
Response: 9186618
Conc: 109.93 ug/ml

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FID_C
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100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.131 min
Delta R.T.: 0.010 min
Response: 9143265
Conc: 109.58 ug/ml