

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: sample.E
 Quant Time: Feb 25 18:20:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 25 16:41:48 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	95.010 ug/ml
Spiked Amount 50.000		Recovery =	190.02%
12) S 1-chlorooctadecane (S...	12.631	11986756	95.026 ug/ml
Spiked Amount 50.000		Recovery =	190.05%
Target Compounds			
1) T n-Nonane (C9)	3.047	11882992	99.008 ug/ml
2) T n-Decane (C10)	4.097	12067317	100.166 ug/ml
3) T A-Naphthalene (C11.7)	5.648	13603460	104.541 ug/ml
4) T n-Dodecane (C12)	6.096	12143786	98.292 ug/ml
5) T A~2-methylnaphthalene...	6.696	13684464	105.521 ug/ml
6) T n-Tetradecane (C14)	7.875	12275217	96.378 ug/ml
7) T n-Hexadecane (C16)	9.463	12212434	94.240 ug/ml
8) T n-Octadecane (C18)	10.895	12193410	90.642 ug/ml
10) T n-Eicosane (C20)	12.194	12131919	93.038 ug/ml
11) T n-Heneicosane (C21)	12.801	11994007	94.574 ug/ml
13) T n-Docosane (C22)	13.384	12030051	95.502 ug/ml
14) T n-Tetracosane (C24)	14.479	12107651	96.872 ug/ml
15) T n-Hexacosane (C26)	15.494	12159902	97.486 ug/ml
16) T n-Octacosane (C28)	16.440	12514888	93.636 ug/ml
17) T n-Tricontane (C30)	17.323	12651455	86.206 ug/ml
18) T n-Dotriacontane (C32)	18.149	12020501	89.481 ug/ml
19) T n-Tetratriacontane (C34)	18.930	11030516	96.975 ug/ml
20) T n-Hexatriacontane (C36)	19.665	9644392	99.996 ug/ml
21) T n-Octatriacontane (C38)	20.360	9507120	103.545 ug/ml
22) T n-Tetracontane (C40)	21.131	9145874	100.772 ug/ml

(f)=RT Delta > 1/2 Window

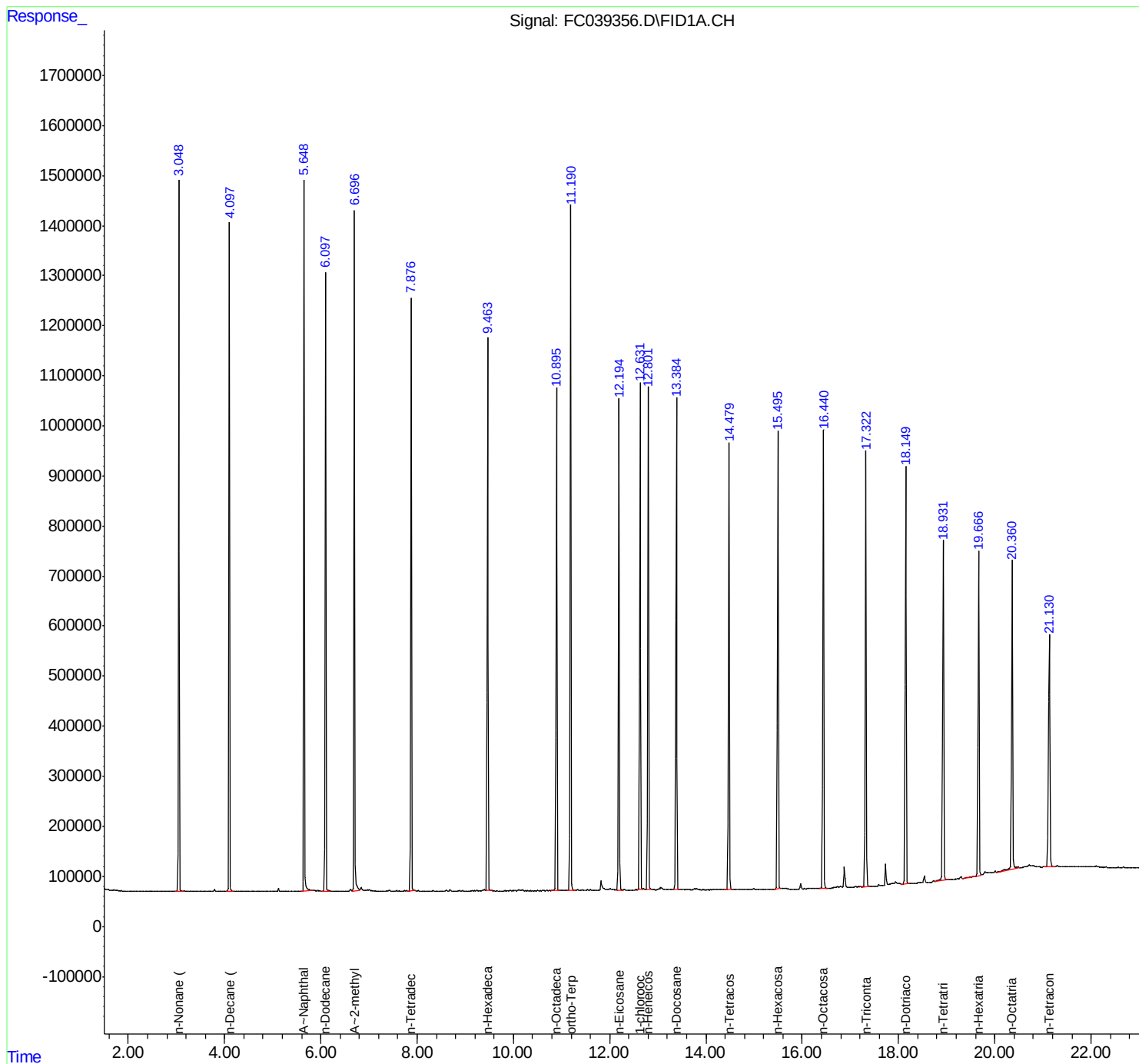
(m)=manual int.

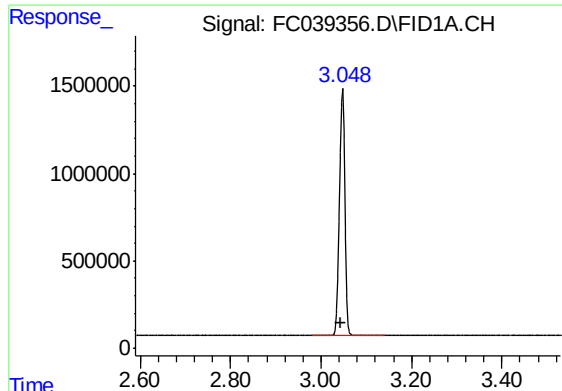
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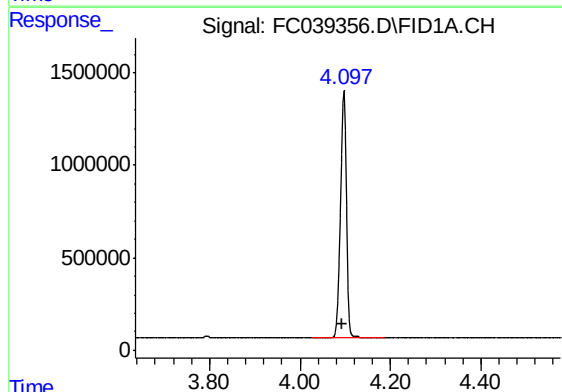




#1 n-Nonane (C9)

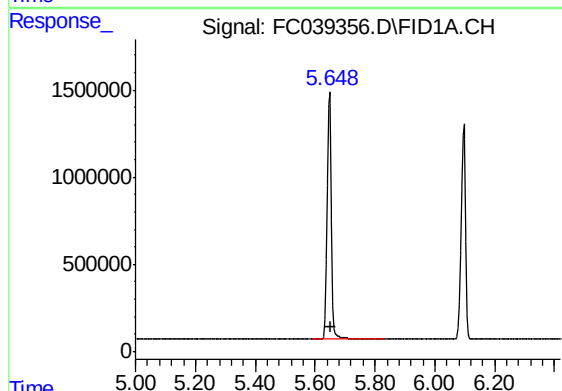
R.T.: 3.047 min
Delta R.T.: 0.002 min
Response: 11882992
Conc: 99.01 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



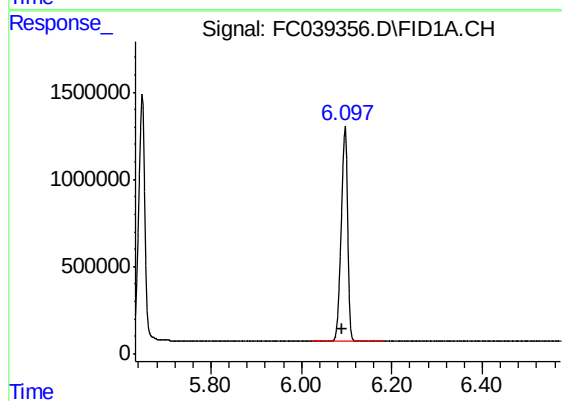
#2 n-Decane (C10)

R.T.: 4.097 min
Delta R.T.: 0.004 min
Response: 12067317
Conc: 100.17 ug/ml



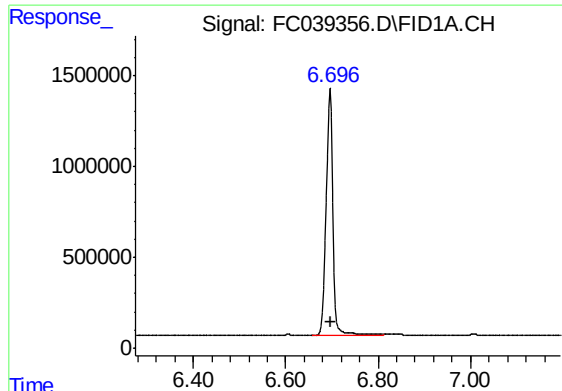
#3 A~Naphthalene (C11.7)

R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 13603460
Conc: 104.54 ug/ml



#4 n-Dodecane (C12)

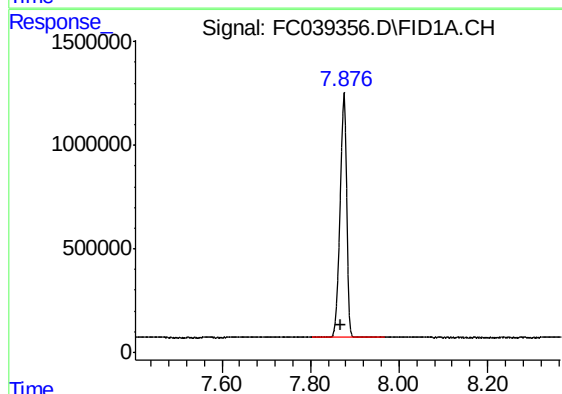
R.T.: 6.096 min
Delta R.T.: 0.006 min
Response: 12143786
Conc: 98.29 ug/ml



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

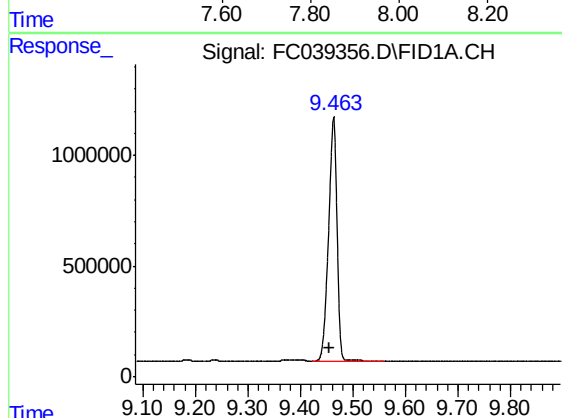
R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 13684464
Conc: 105.52 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



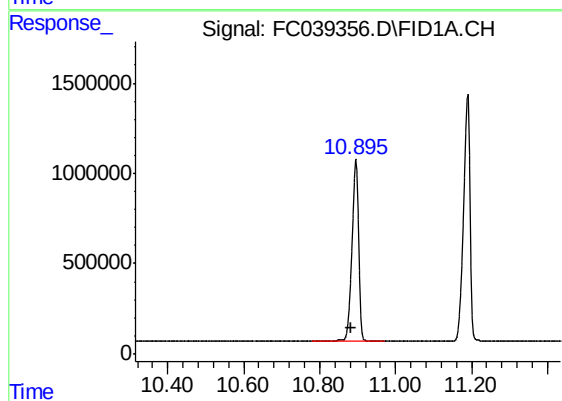
#6 n-Tetradecane (C14)

R.T.: 7.875 min
Delta R.T.: 0.007 min
Response: 12275217
Conc: 96.38 ug/ml



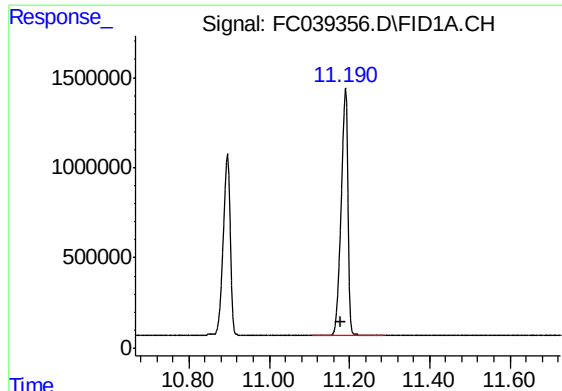
#7 n-Hexadecane (C16)

R.T.: 9.463 min
Delta R.T.: 0.008 min
Response: 12212434
Conc: 94.24 ug/ml



#8 n-Octadecane (C18)

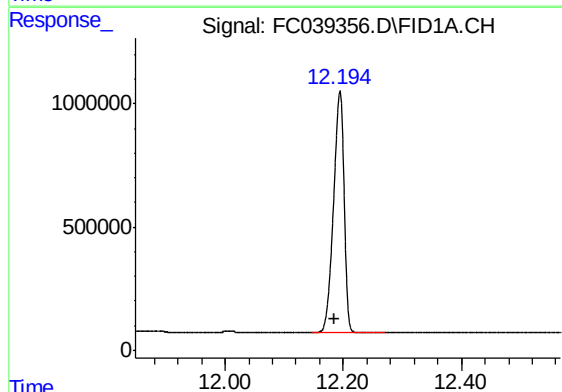
R.T.: 10.895 min
Delta R.T.: 0.011 min
Response: 12193410
Conc: 90.64 ug/ml



#9 ortho-Terphenyl (SURR)

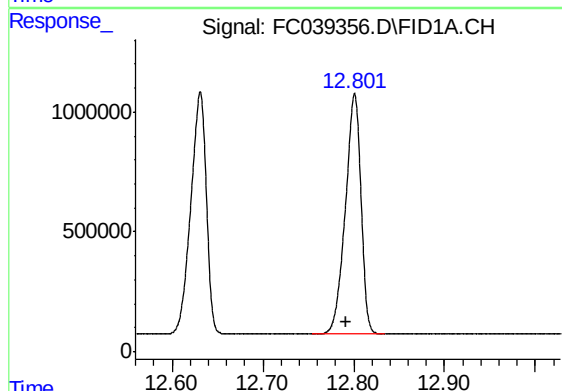
R.T.: 11.190 min
Delta R.T.: 0.012 min
Response: 15980825
Conc: 95.01 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



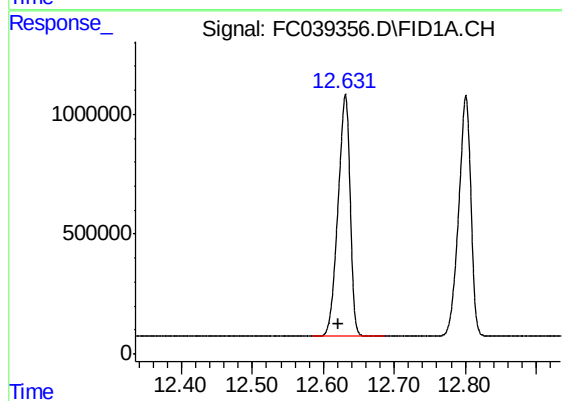
#10 n-Eicosane (C20)

R.T.: 12.194 min
Delta R.T.: 0.010 min
Response: 12131919
Conc: 93.04 ug/ml



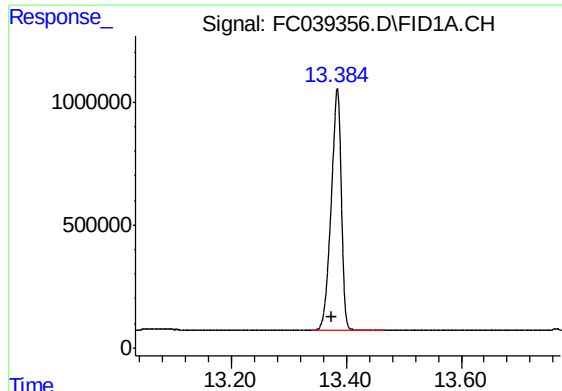
#11 n-Heneicosane (C21)

R.T.: 12.801 min
Delta R.T.: 0.010 min
Response: 11994007
Conc: 94.57 ug/ml



#12 1-chlorooctadecane (SURR)

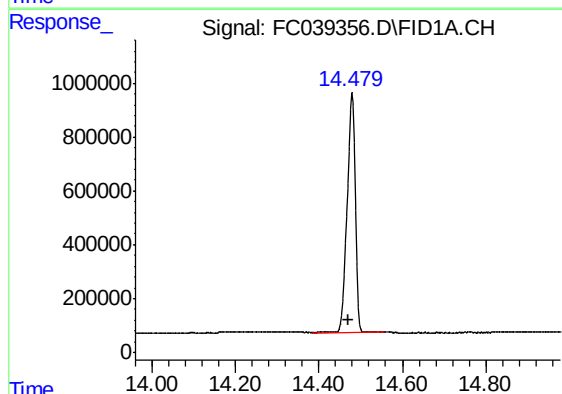
R.T.: 12.631 min
Delta R.T.: 0.009 min
Response: 11986756
Conc: 95.03 ug/ml



#13 n-Docosane (C22)

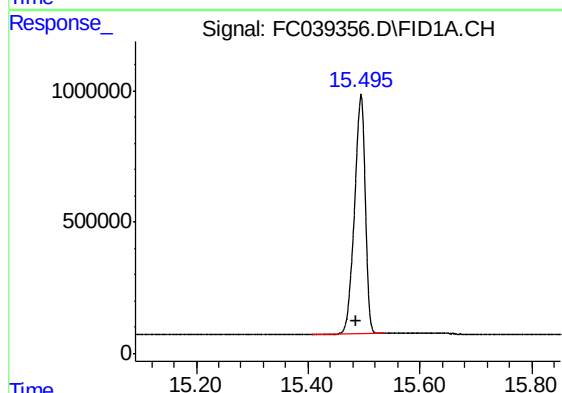
R.T.: 13.384 min
Delta R.T.: 0.010 min
Response: 12030051
Conc: 95.50 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



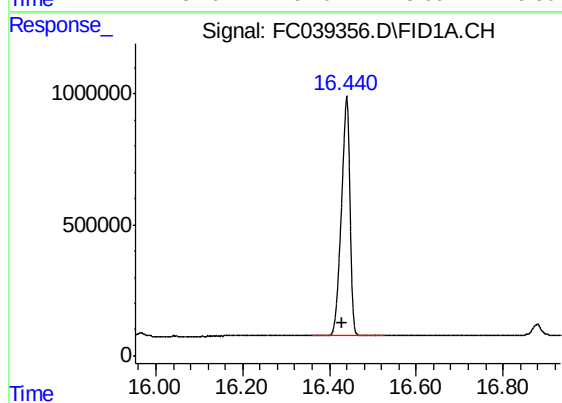
#14 n-Tetracosane (C24)

R.T.: 14.479 min
Delta R.T.: 0.009 min
Response: 12107651
Conc: 96.87 ug/ml



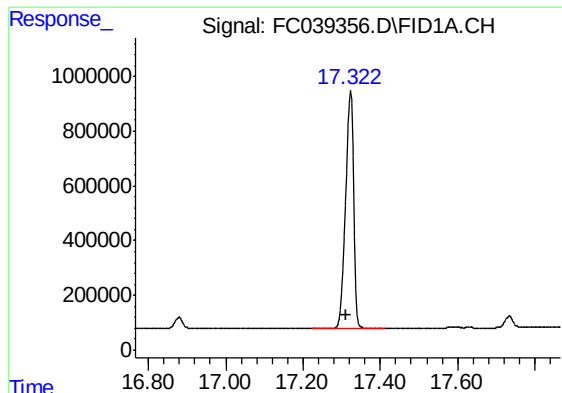
#15 n-Hexacosane (C26)

R.T.: 15.494 min
Delta R.T.: 0.009 min
Response: 12159902
Conc: 97.49 ug/ml



#16 n-Octacosane (C28)

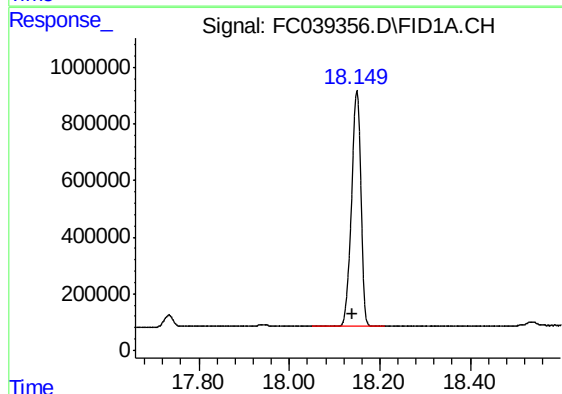
R.T.: 16.440 min
Delta R.T.: 0.011 min
Response: 12514888
Conc: 93.64 ug/ml



#17 n-Tricontane (C30)

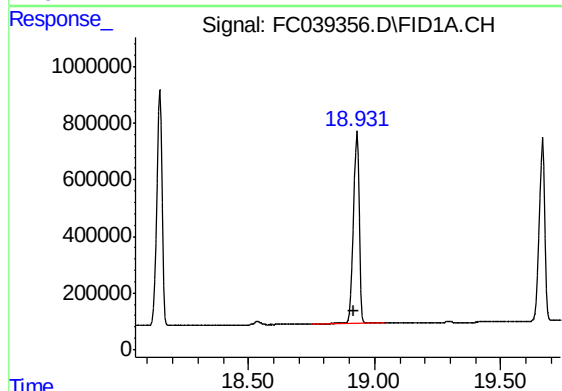
R.T.: 17.323 min
Delta R.T.: 0.012 min
Response: 12651455
Conc: 86.21 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



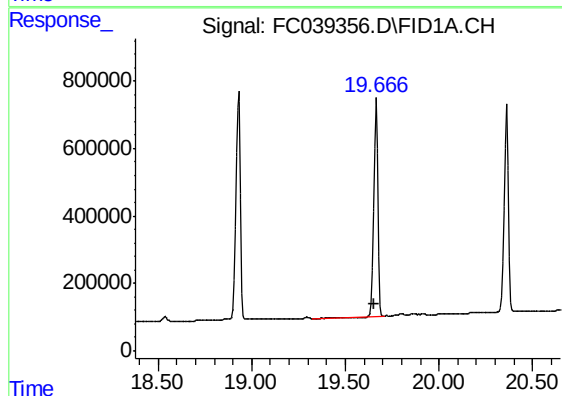
#18 n-Dotriacontane (C32)

R.T.: 18.149 min
Delta R.T.: 0.010 min
Response: 12020501
Conc: 89.48 ug/ml



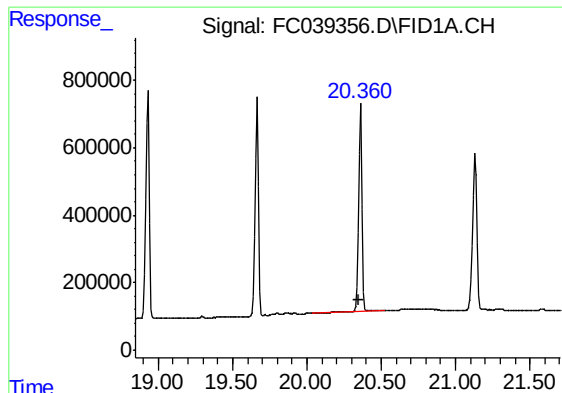
#19 n-Tetratriacontane (C34)

R.T.: 18.930 min
Delta R.T.: 0.012 min
Response: 11030516
Conc: 96.98 ug/ml



#20 n-Hexatriacontane (C36)

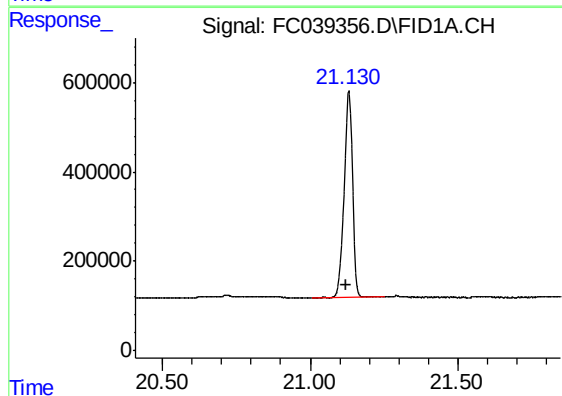
R.T.: 19.665 min
Delta R.T.: 0.010 min
Response: 9644392
Conc: 100.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.360 min
Delta R.T.: 0.007 min
Response: 9507120
Conc: 103.54 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.131 min
Delta R.T.: 0.011 min
Response: 9145874
Conc: 100.77 ug/ml