

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060920AL\
 Data File : FC047782.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jun 2020 17:17
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jun 10 04:17:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 04:16:56 2020
 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)	11.739	12556378	101.381 ug/ml
Spiked Amount 50.000		Recovery =	202.76%
12) S 1-chlorooctadecane (S...	13.150	10280292	101.134 ug/ml
Spiked Amount 50.000		Recovery =	202.27%
Target Compounds			
1) T n-Nonane (C9)	3.544	10904742	104.571 ug/ml
2) T n-Decane (C10)	4.608	11024215	105.107 ug/ml
3) T A-Naphthalene (C11.7)	6.204	12127558	116.208 ug/ml
4) T n-Dodecane (C12)	6.610	11260941	103.680 ug/ml
5) T A~2-methylnaphthalene...	7.253	12354805	116.034 ug/ml
6) T n-Tetradecane (C14)	8.388	11323079	103.644 ug/ml
7) T n-Hexadecane (C16)	9.974	11220078	103.160 ug/ml
8) T n-Octadecane (C18)	11.406	11740784	101.845 ug/ml
10) T n-Eicosane (C20)	12.705	11828868	100.745 ug/ml
11) T n-Heneicosane (C21)	13.313	11822051	99.999 ug/ml
13) T n-Docosane (C22)	13.895	11830611	100.132 ug/ml
14) T n-Tetracosane (C24)	14.990	11802804	99.428 ug/ml
15) T n-Hexacosane (C26)	16.004	11604184	98.461 ug/ml
16) T n-Octacosane (C28)	16.948	11388752	97.188 ug/ml
17) T n-Tricontane (C30)	17.831	10827763	95.985 ug/ml
18) T n-Dotriacontane (C32)	18.659	9679786	94.800 ug/ml
19) T n-Tetratriacontane (C34)	19.435	8965860	94.771 ug/ml
20) T n-Hexatriacontane (C36)	20.167	8392038	94.698 ug/ml
21) T n-Octatriacontane (C38)	20.923	7858306	95.056 ug/ml
22) T n-Tetracontane (C40)	21.868	7935090	96.725 ug/ml

(f)=RT Delta > 1/2 Window

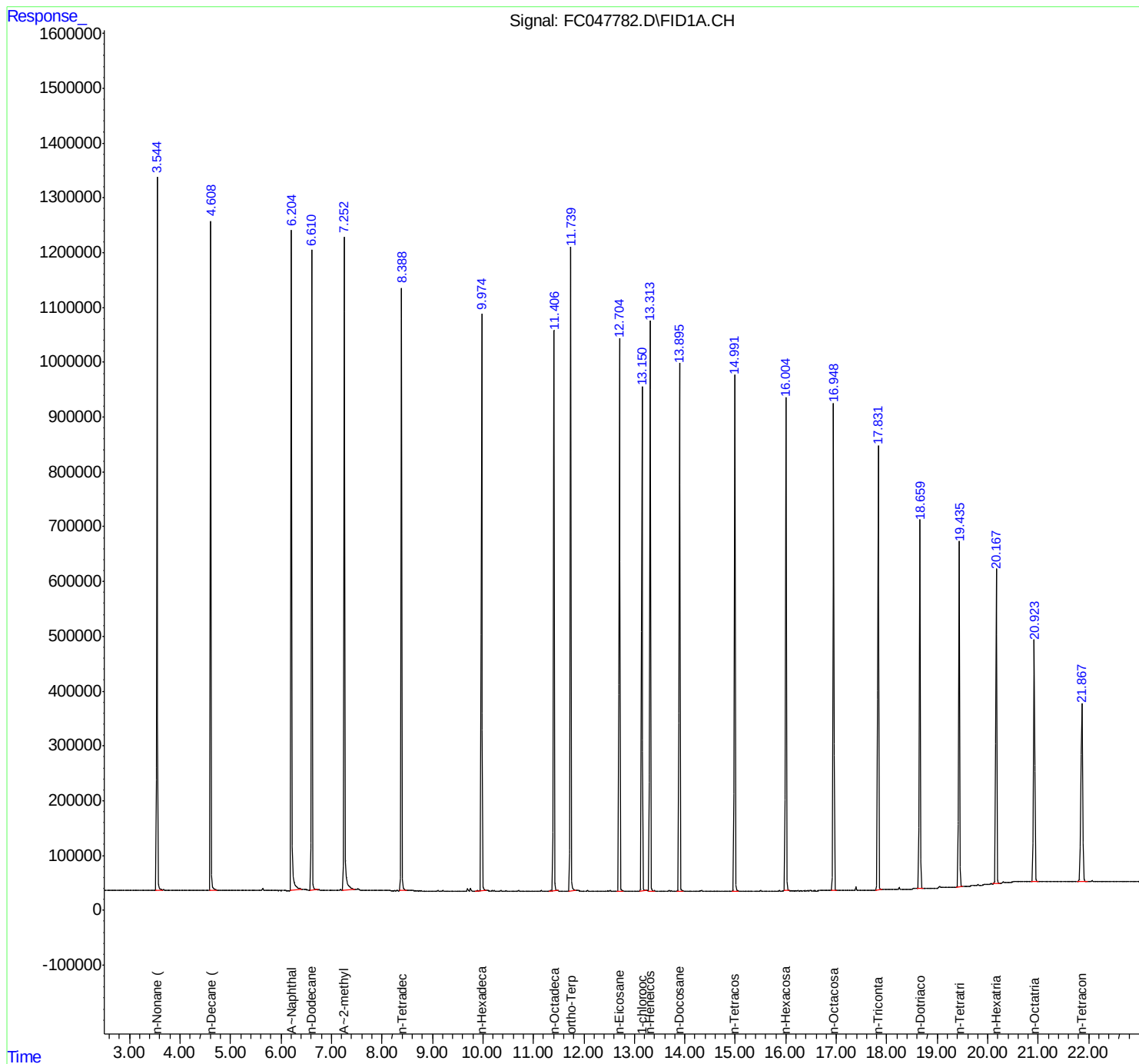
(m)=manual int.

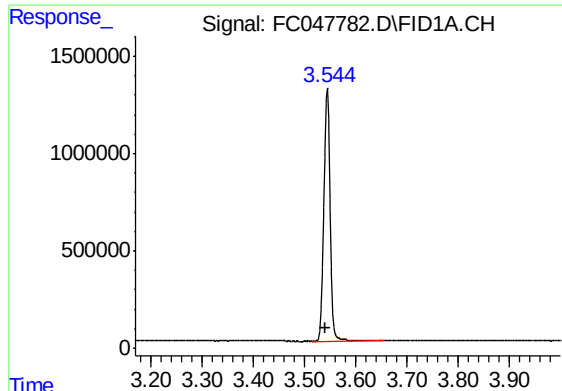
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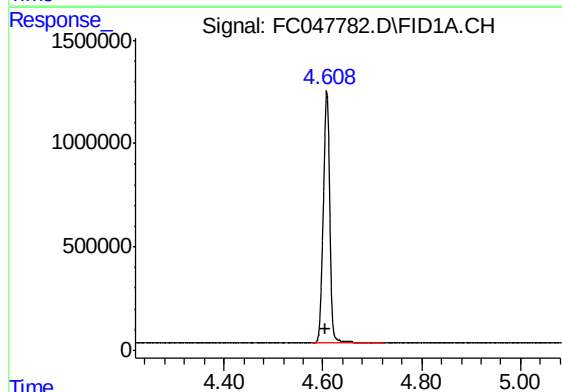




#1 n-Nonane (C9)

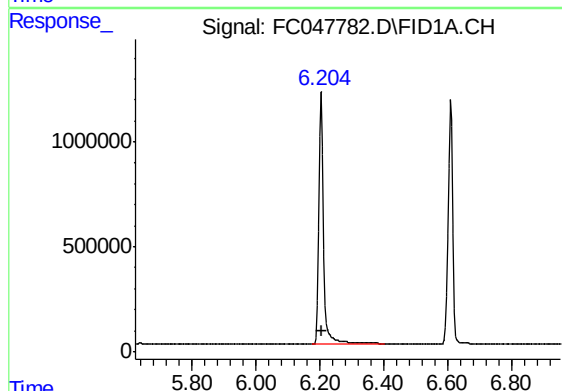
R.T.: 3.544 min
Delta R.T.: 0.002 min
Response: 10904742
Conc: 104.57 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



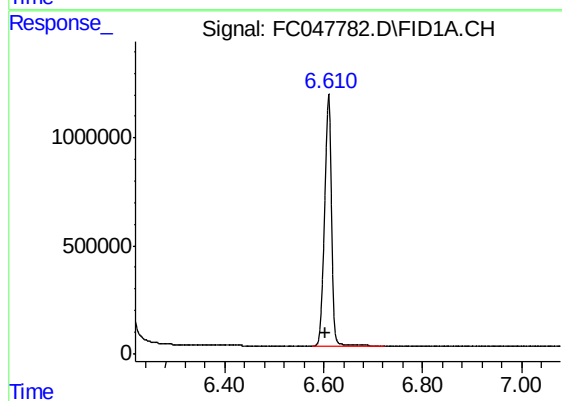
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: 0.004 min
Response: 11024215
Conc: 105.11 ug/ml



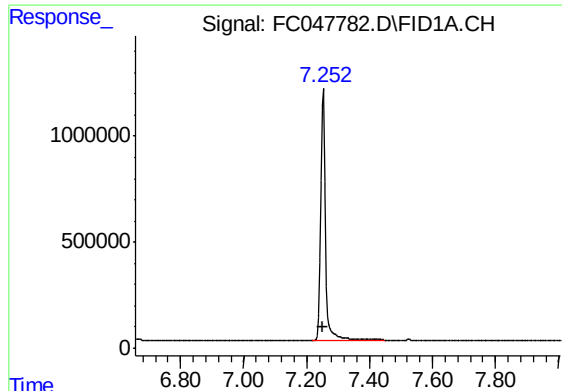
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 12127558
Conc: 116.21 ug/ml



#4 n-Dodecane (C12)

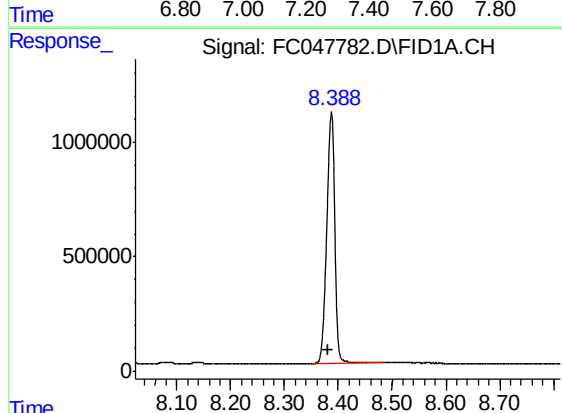
R.T.: 6.610 min
Delta R.T.: 0.005 min
Response: 11260941
Conc: 103.68 ug/ml



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

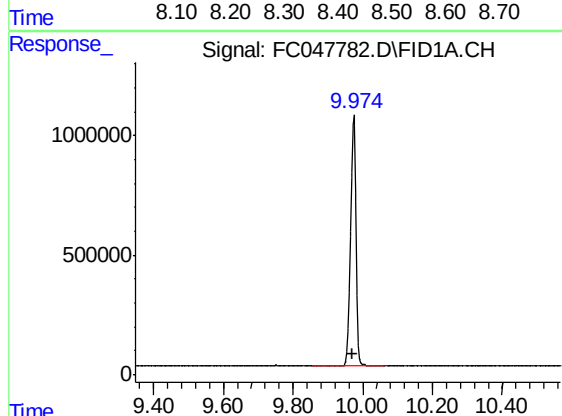
R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 12354805
Conc: 116.03 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



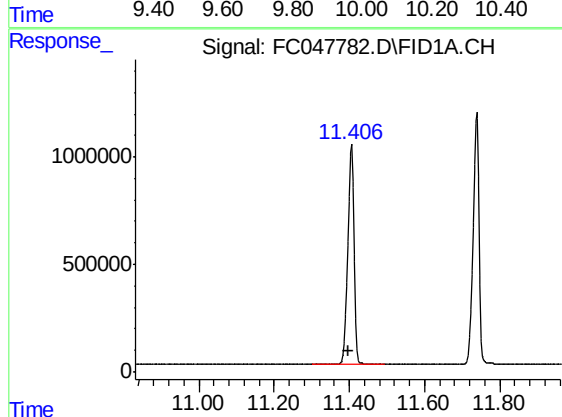
#6 n-Tetradecane (C14)

R.T.: 8.388 min
Delta R.T.: 0.005 min
Response: 11323079
Conc: 103.64 ug/ml



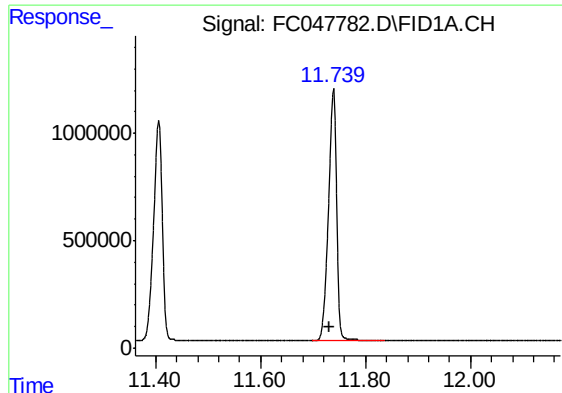
#7 n-Hexadecane (C16)

R.T.: 9.974 min
Delta R.T.: 0.005 min
Response: 11220078
Conc: 103.16 ug/ml



#8 n-Octadecane (C18)

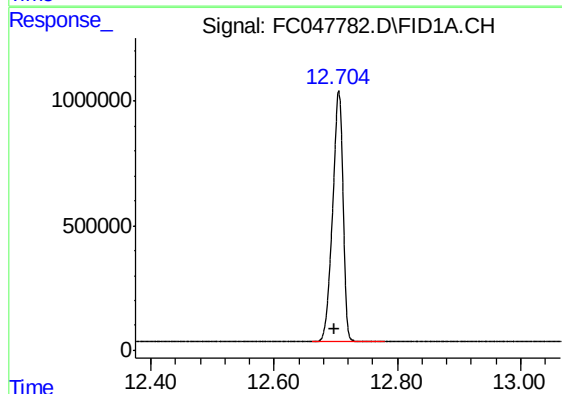
R.T.: 11.406 min
Delta R.T.: 0.008 min
Response: 11740784
Conc: 101.85 ug/ml



#9 ortho-Terphenyl (SURR)

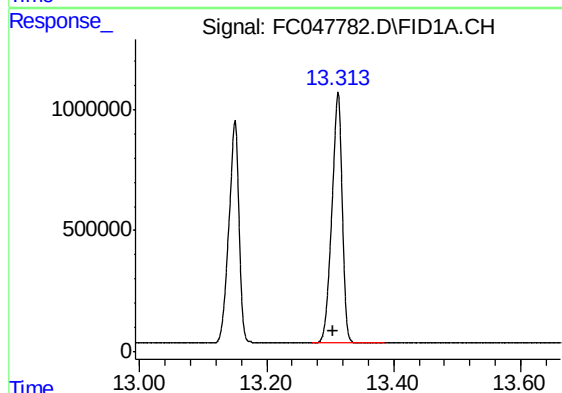
R.T.: 11.739 min
Delta R.T.: 0.008 min
Response: 12556378
Conc: 101.38 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



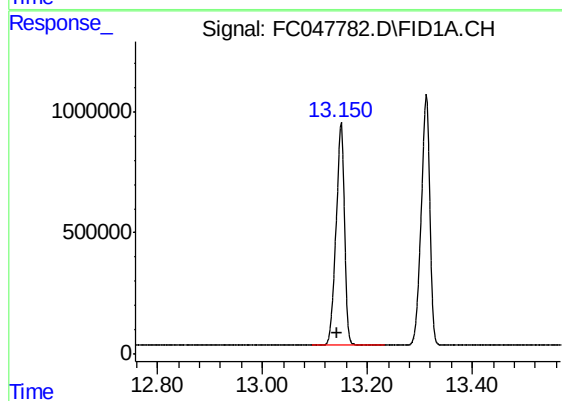
#10 n-Eicosane (C20)

R.T.: 12.705 min
Delta R.T.: 0.008 min
Response: 11828868
Conc: 100.75 ug/ml



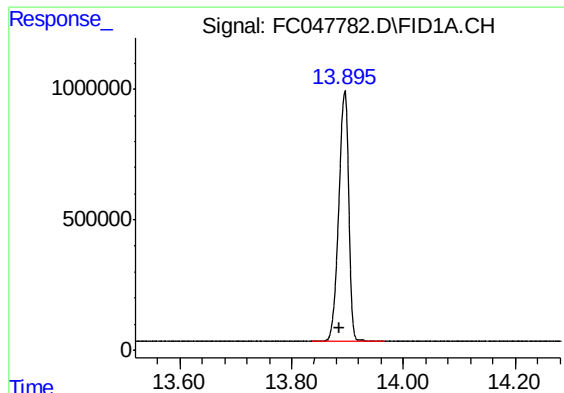
#11 n-Heneicosane (C21)

R.T.: 13.313 min
Delta R.T.: 0.008 min
Response: 11822051
Conc: 100.00 ug/ml



#12 1-chlorooctadecane (SURR)

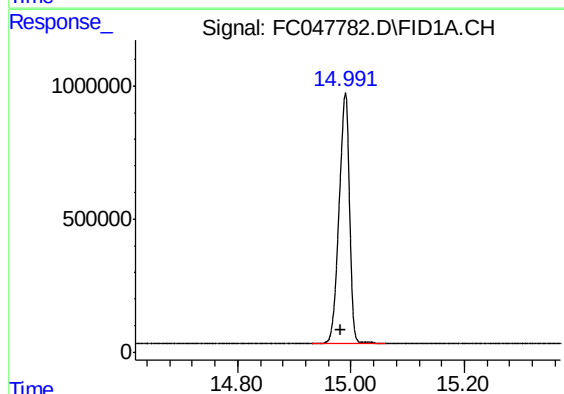
R.T.: 13.150 min
Delta R.T.: 0.007 min
Response: 10280292
Conc: 101.13 ug/ml



#13 n-Docosane (C22)

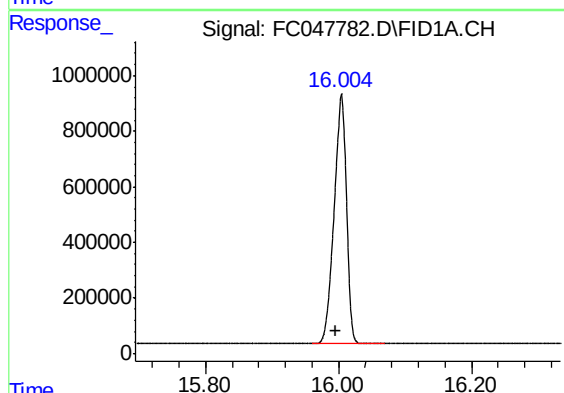
R.T.: 13.895 min
Delta R.T.: 0.009 min
Response: 11830611
Conc: 100.13 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



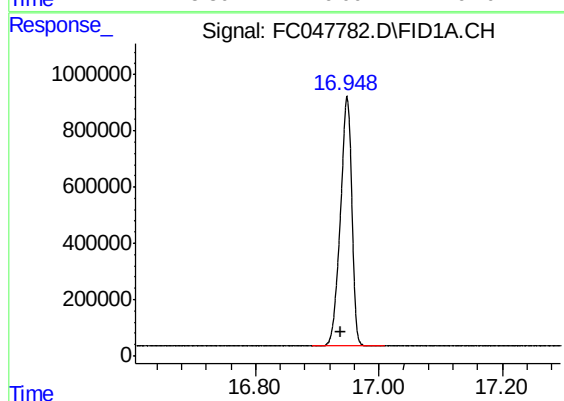
#14 n-Tetracosane (C24)

R.T.: 14.990 min
Delta R.T.: 0.008 min
Response: 11802804
Conc: 99.43 ug/ml



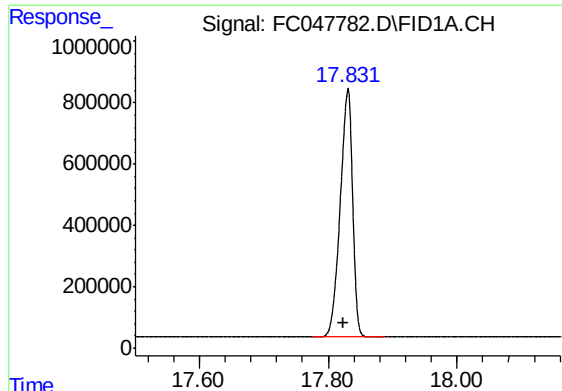
#15 n-Hexacosane (C26)

R.T.: 16.004 min
Delta R.T.: 0.008 min
Response: 11604184
Conc: 98.46 ug/ml



#16 n-Octacosane (C28)

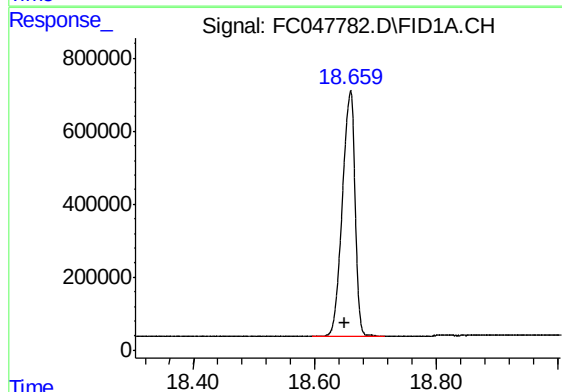
R.T.: 16.948 min
Delta R.T.: 0.009 min
Response: 11388752
Conc: 97.19 ug/ml



#17 n-Tricontane (C30)

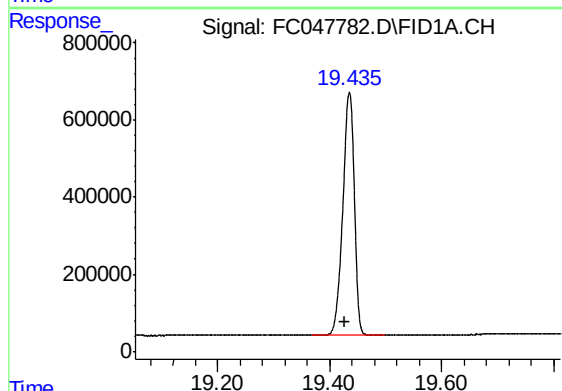
R.T.: 17.831 min
Delta R.T.: 0.008 min
Response: 10827763
Conc: 95.98 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



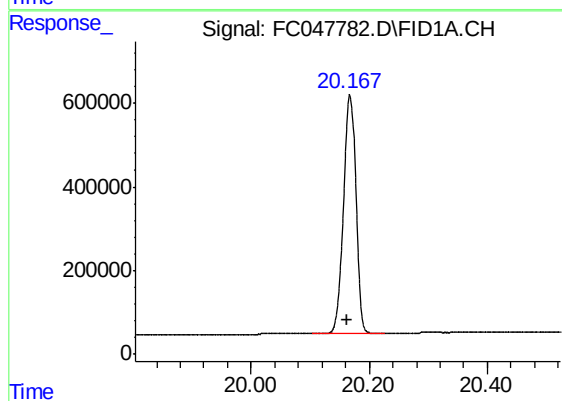
#18 n-Dotriacontane (C32)

R.T.: 18.659 min
Delta R.T.: 0.010 min
Response: 9679786
Conc: 94.80 ug/ml



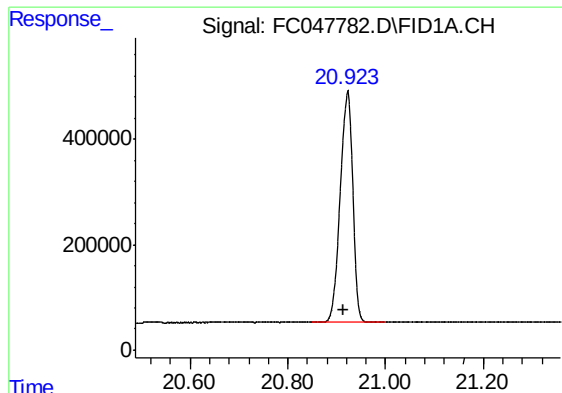
#19 n-Tetatriacontane (C34)

R.T.: 19.435 min
Delta R.T.: 0.009 min
Response: 8965860
Conc: 94.77 ug/ml



#20 n-Hexatriacontane (C36)

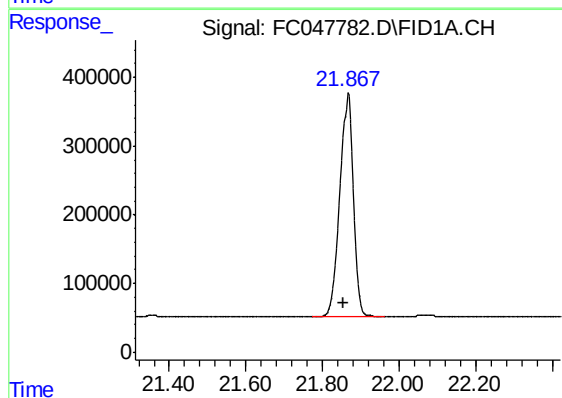
R.T.: 20.167 min
Delta R.T.: 0.005 min
Response: 8392038
Conc: 94.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.923 min
Delta R.T.: 0.009 min
Response: 7858306
Conc: 95.06 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.868 min
Delta R.T.: 0.014 min
Response: 7935090
Conc: 96.73 ug/ml