

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022322AL\
 Data File : FC058425.D
 Signal(s) : FID1A.CH
 Acq On : 23 Feb 2022 13:41
 Operator : UA/NP
 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 16:06:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 16:04:31 2022
 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)	11.405	13664777	92.587 ug/ml
Spiked Amount 50.000		Recovery =	185.17%
12) S 1-chlorooctadecane (S...	12.837	10683585	93.194 ug/ml
Spiked Amount 50.000		Recovery =	186.39%
Target Compounds			
1) T n-Nonane (C9)	3.252	11536916	94.828 ug/ml
2) T n-Decane (C10)	4.303	11517232	95.276 ug/ml
3) T A~Naphthalene (C11.7)	5.862	13024627	97.758 ug/ml
4) T n-Dodecane (C12)	6.298	11862612	95.392 ug/ml
5) T A~2-methylnaphthalene...	6.909	13240872	97.992 ug/ml
6) T n-Tetradecane (C14)	8.077	12067540	94.706 ug/ml
7) T n-Hexadecane (C16)	9.666	12260257	93.649 ug/ml
8) T n-Octadecane (C18)	11.099	12393551	92.614 ug/ml
10) T n-Eicosane (C20)	12.398	12252023	91.876 ug/ml
11) T n-Heneicosane (C21)	13.007	12252963	91.690 ug/ml
13) T n-Docosane (C22)	13.589	12177162	92.090 ug/ml
14) T n-Tetracosane (C24)	14.684	11944770	91.257 ug/ml
15) T n-Hexacosane (C26)	15.701	11565978	92.000 ug/ml
16) T n-Octacosane (C28)	16.646	11148295	92.639 ug/ml
17) T n-Tricontane (C30)	17.527	10568513	93.296 ug/ml
18) T n-Dotriacontane (C32)	18.357	9744615	93.155 ug/ml
19) T n-Tetratriacontane (C34)	19.136	9040989	92.689 ug/ml
20) T n-Hexatriacontane (C36)	19.872	8433707	93.195 ug/ml
21) T n-Octatriacontane (C38)	20.578	8175842	93.871 ug/ml
22) T n-Tetracontane (C40)	21.407	8180239	94.950 ug/ml

(f)=RT Delta > 1/2 Window

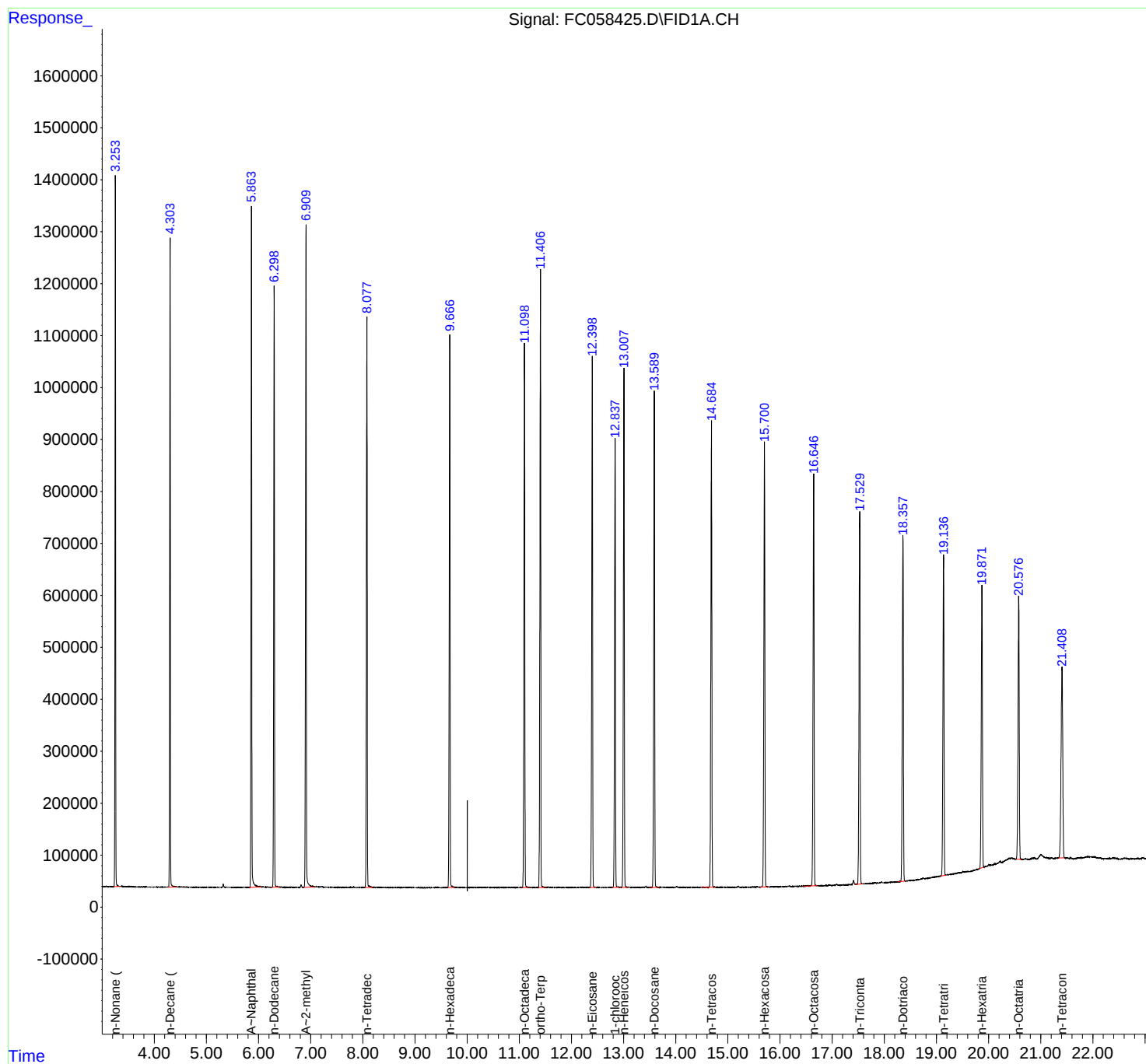
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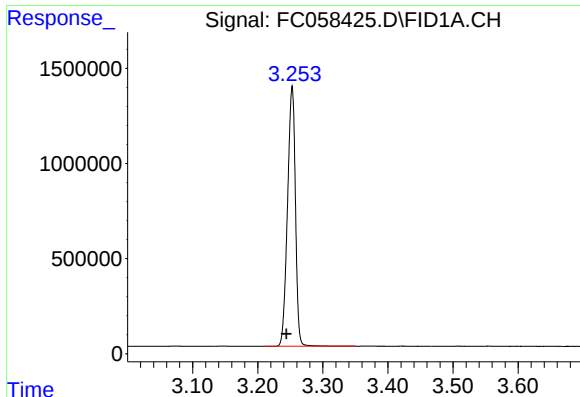
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#1 n-Nonane (C9)

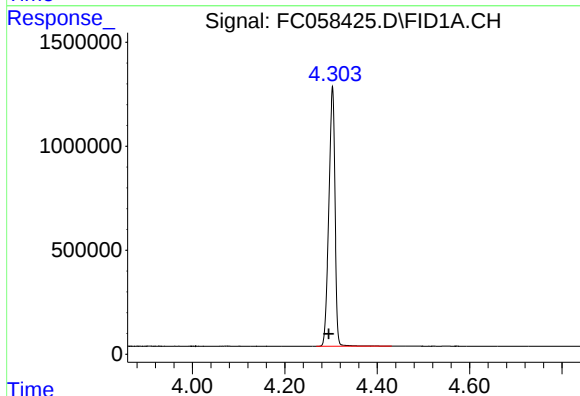
R.T.: 3.252 min
Delta R.T.: 0.008 min
Response: 11536916
Conc: 94.83 ug/ml

Instrument :

FID_C

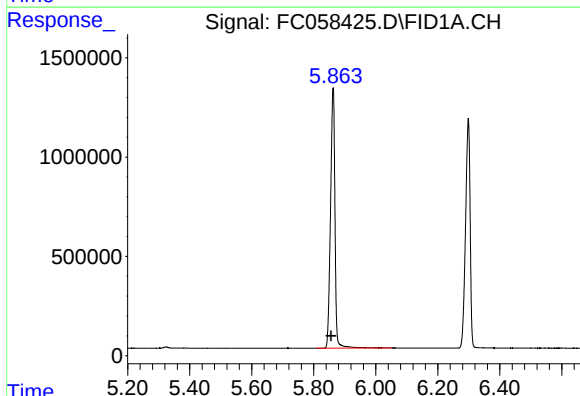
ClientSampleId :

100 PPM ALIPHATIC HC STD1



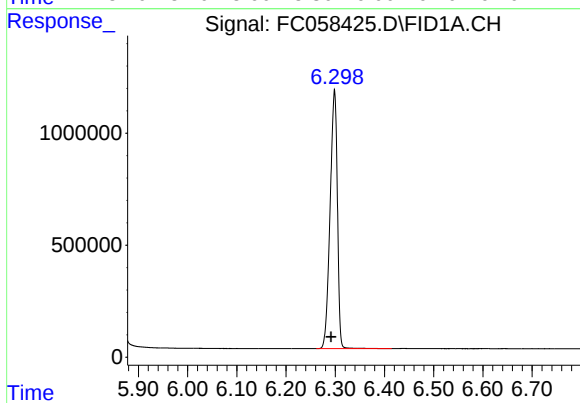
#2 n-Decane (C10)

R.T.: 4.303 min
Delta R.T.: 0.008 min
Response: 11517232
Conc: 95.28 ug/ml



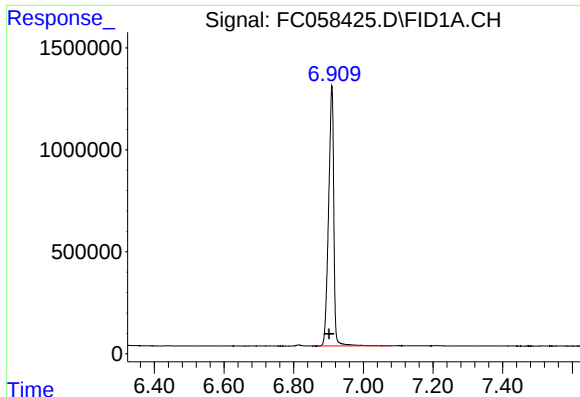
#3 A~Naphthalene (C11.7)

R.T.: 5.862 min
Delta R.T.: 0.006 min
Response: 13024627
Conc: 97.76 ug/ml



#4 n-Dodecane (C12)

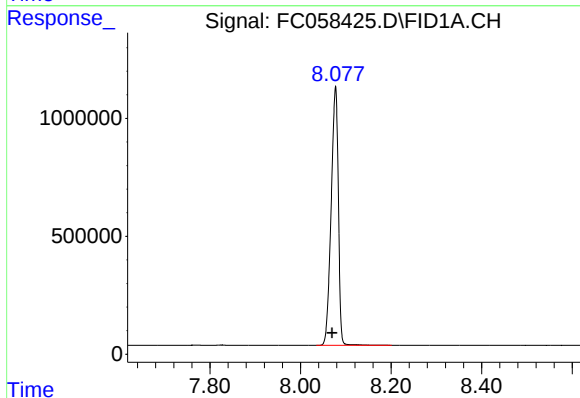
R.T.: 6.298 min
Delta R.T.: 0.007 min
Response: 11862612
Conc: 95.39 ug/ml



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

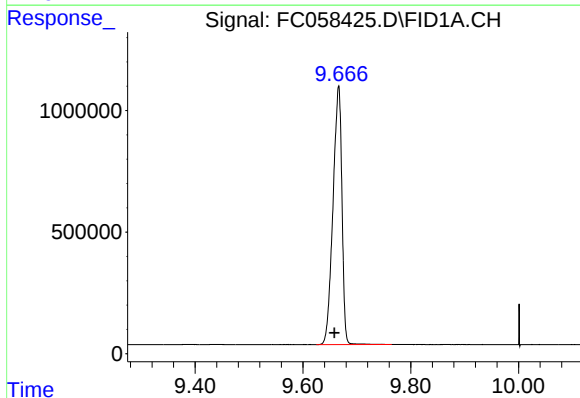
R.T.: 6.909 min
Delta R.T.: 0.008 min
Response: 13240872
Conc: 97.99 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



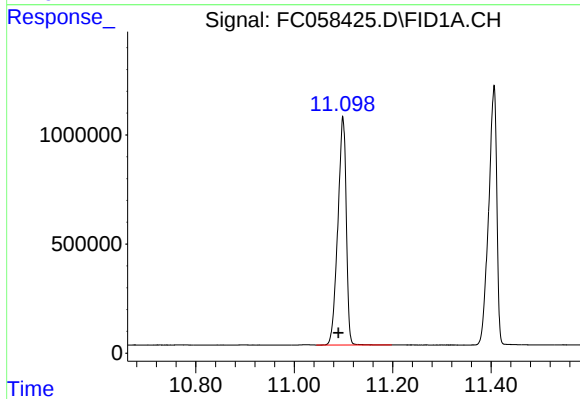
#6 n-Tetradecane (C14)

R.T.: 8.077 min
Delta R.T.: 0.007 min
Response: 12067540
Conc: 94.71 ug/ml



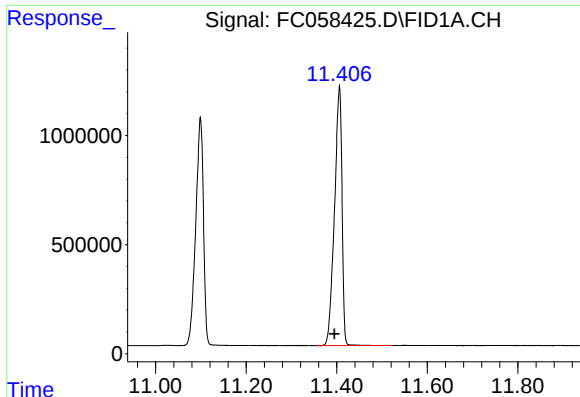
#7 n-Hexadecane (C16)

R.T.: 9.666 min
Delta R.T.: 0.007 min
Response: 12260257
Conc: 93.65 ug/ml



#8 n-Octadecane (C18)

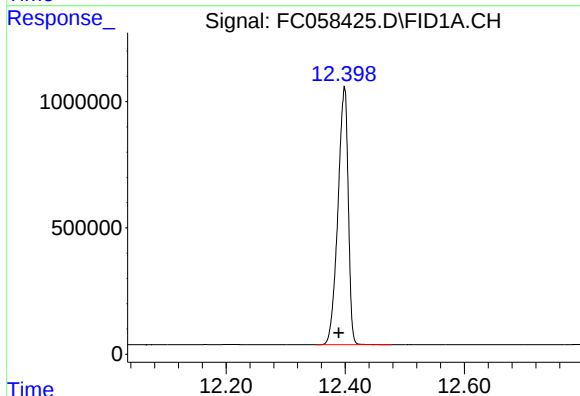
R.T.: 11.099 min
Delta R.T.: 0.009 min
Response: 12393551
Conc: 92.61 ug/ml



#9 ortho-Terphenyl (SURR)

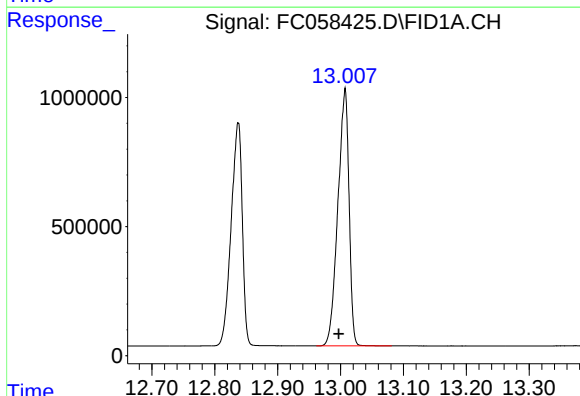
R.T.: 11.405 min
Delta R.T.: 0.010 min
Response: 13664777
Conc: 92.59 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



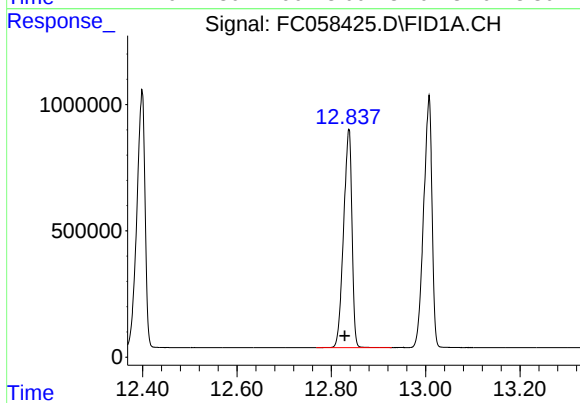
#10 n-Eicosane (C20)

R.T.: 12.398 min
Delta R.T.: 0.009 min
Response: 12252023
Conc: 91.88 ug/ml



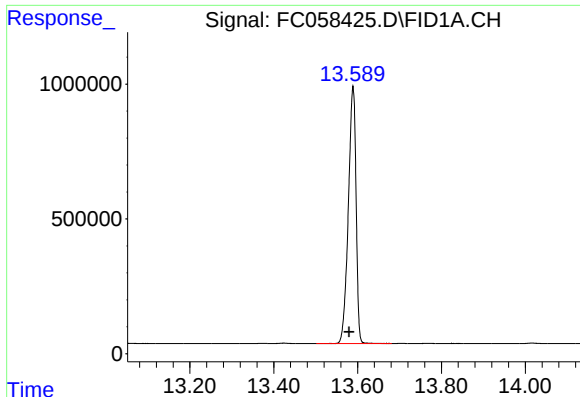
#11 n-Heneicosane (C21)

R.T.: 13.007 min
Delta R.T.: 0.009 min
Response: 12252963
Conc: 91.69 ug/ml



#12 1-chlorooctadecane (SURR)

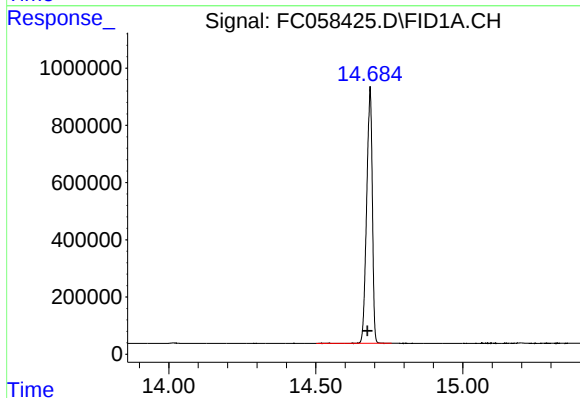
R.T.: 12.837 min
Delta R.T.: 0.008 min
Response: 10683585
Conc: 93.19 ug/ml



#13 n-Docosane (C22)

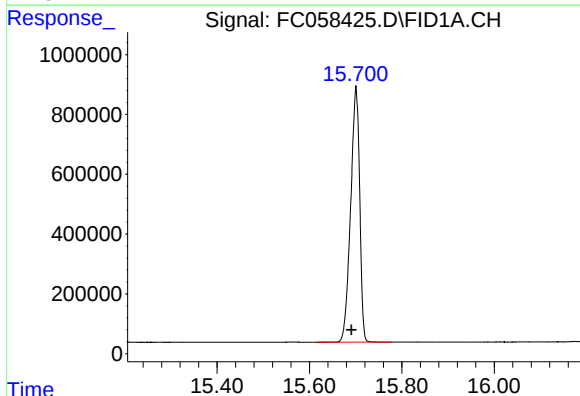
R.T.: 13.589 min
Delta R.T.: 0.009 min
Response: 12177162
Conc: 92.09 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



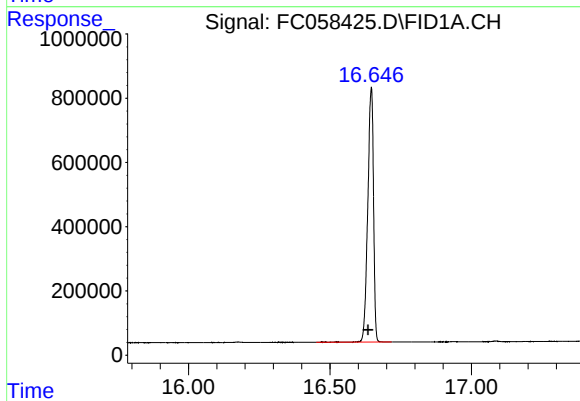
#14 n-Tetracosane (C24)

R.T.: 14.684 min
Delta R.T.: 0.008 min
Response: 11944770
Conc: 91.26 ug/ml



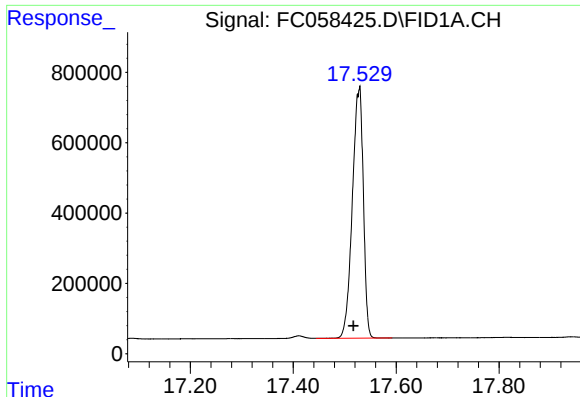
#15 n-Hexacosane (C26)

R.T.: 15.701 min
Delta R.T.: 0.010 min
Response: 11565978
Conc: 92.00 ug/ml



#16 n-Octacosane (C28)

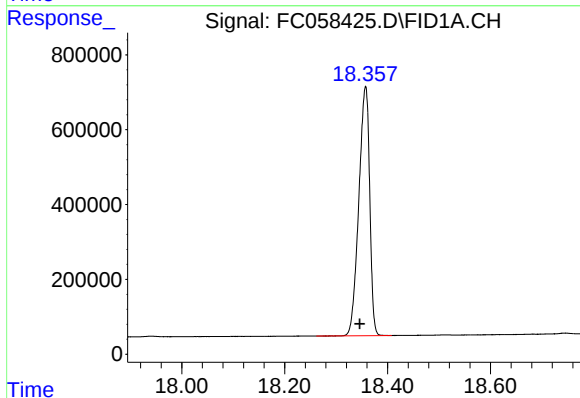
R.T.: 16.646 min
Delta R.T.: 0.011 min
Response: 11148295
Conc: 92.64 ug/ml



#17 n-Tricontane (C30)

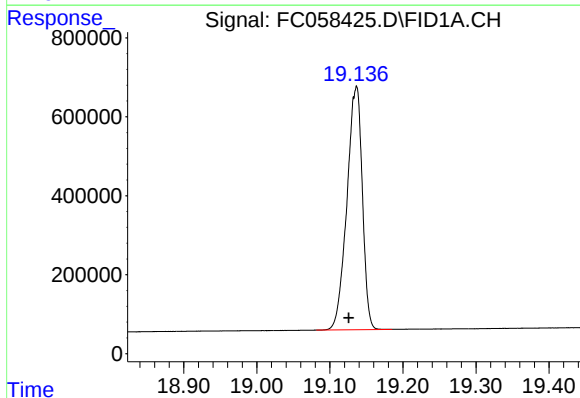
R.T.: 17.527 min
Delta R.T.: 0.010 min
Response: 10568513
Conc: 93.30 ug/ml

Instrument :
FID_C
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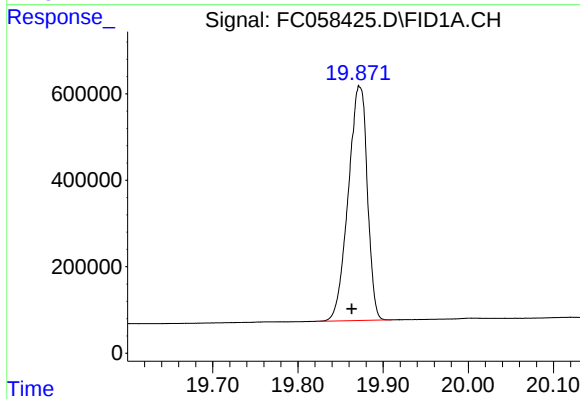
#18 n-Dotriacontane (C32)

R.T.: 18.357 min
Delta R.T.: 0.011 min
Response: 9744615
Conc: 93.15 ug/ml



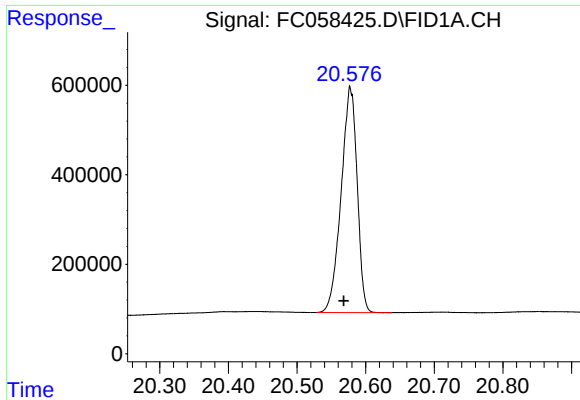
#19 n-Tetratriacontane (C34)

R.T.: 19.136 min
Delta R.T.: 0.010 min
Response: 9040989
Conc: 92.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.872 min
Delta R.T.: 0.009 min
Response: 8433707
Conc: 93.19 ug/ml



#21 n-Octatriacontane (C38)

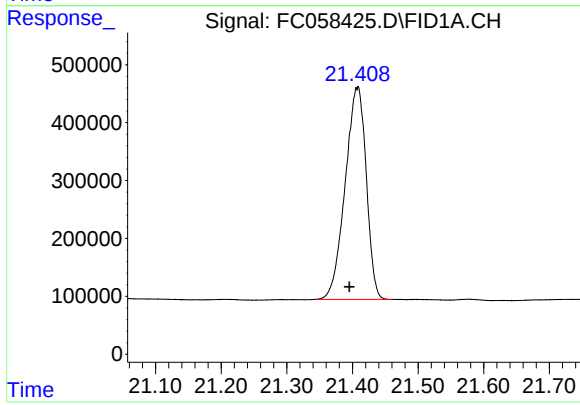
R.T.: 20.578 min
Delta R.T.: 0.010 min
Response: 8175842
Conc: 93.87 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.407 min
Delta R.T.: 0.012 min
Response: 8180239
Conc: 94.95 ug/ml