

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102121AL\
 Data File : FC056293.D
 Signal(s) : FID1A.CH
 Acq On : 20 Oct 2021 21:28
 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: Oct 21 00:09:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 00:09:06 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)	11.636	12121385	98.263 ug/ml
Spiked Amount 50.000		Recovery =	196.53%
12) S 1-chlorooctadecane (S...	13.065	9396349	97.458 ug/ml
Spiked Amount 50.000		Recovery =	194.92%
Target Compounds			
1) T n-Nonane (C9)	3.386	10802768	100.227 ug/ml
2) T n-Decane (C10)	4.456	10942796	101.262 ug/ml
3) T A~Naphthalene (C11.7)	6.047	12361369	101.789 ug/ml
4) T n-Dodecane (C12)	6.475	11047915	100.572 ug/ml
5) T A~2-methylnaphthalene...	7.106	12482434	101.661 ug/ml
6) T n-Tetradecane (C14)	8.271	11188257	100.278 ug/ml
7) T n-Hexadecane (C16)	9.872	11230773	99.486 ug/ml
8) T n-Octadecane (C18)	11.314	11446199	98.400 ug/ml
10) T n-Eicosane (C20)	12.620	11143542	97.064 ug/ml
11) T n-Heneicosane (C21)	13.231	11144936	97.018 ug/ml
13) T n-Docosane (C22)	13.816	10914816	96.753 ug/ml
14) T n-Tetracosane (C24)	14.915	10644372	96.027 ug/ml
15) T n-Hexacosane (C26)	15.932	10126586	95.581 ug/ml
16) T n-Octacosane (C28)	16.878	9741856	93.841 ug/ml
17) T n-Tricontane (C30)	17.762	9301254	91.128 ug/ml
18) T n-Dotriacontane (C32)	18.590	8665618	92.031 ug/ml
19) T n-Tetratriacontane (C34)	19.370	8328667	95.686 ug/ml
20) T n-Hexatriacontane (C36)	20.105	7906509	97.460 ug/ml
21) T n-Octatriacontane (C38)	20.841	7816429	98.093 ug/ml
22) T n-Tetracontane (C40)	21.764	8075128	98.562 ug/ml

(f)=RT Delta > 1/2 Window

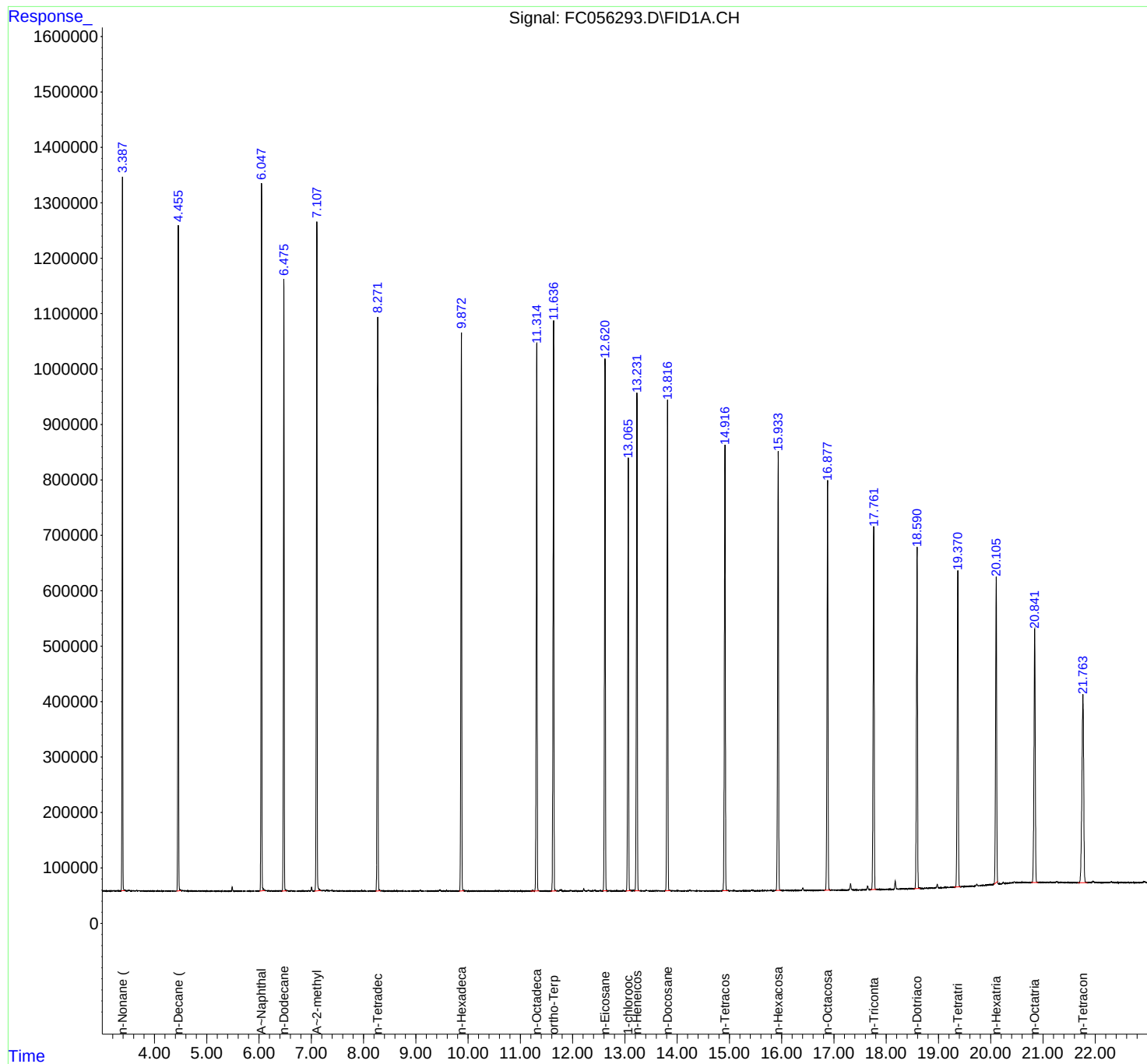
(m)=manual int.

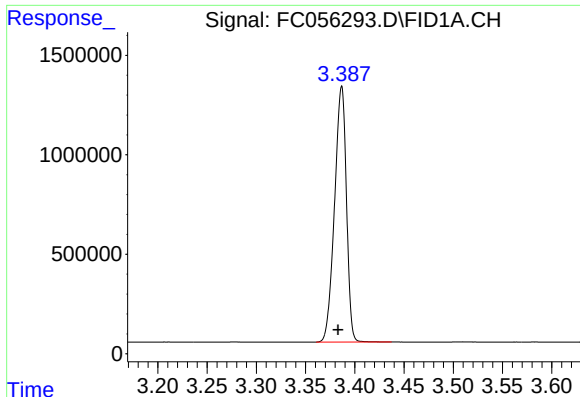
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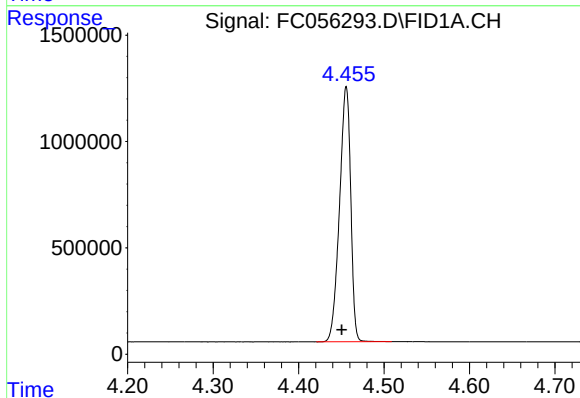




#1 n-Nonane (C9)

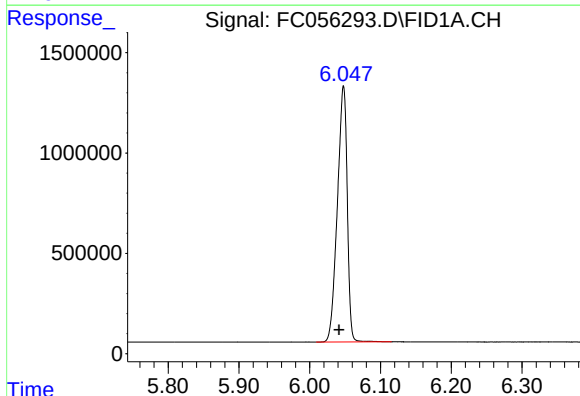
R.T.: 3.386 min
Delta R.T.: 0.003 min
Response: 10802768
Conc: 100.23 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



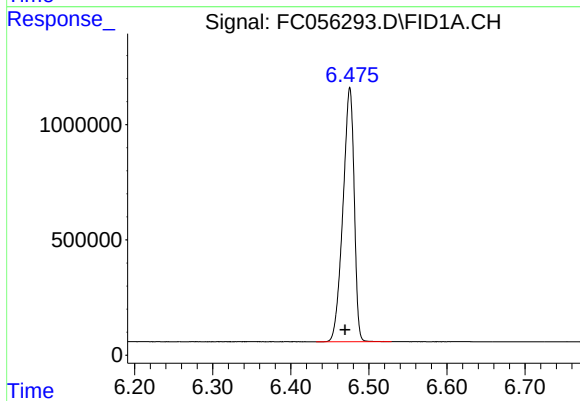
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: 0.005 min
Response: 10942796
Conc: 101.26 ug/ml



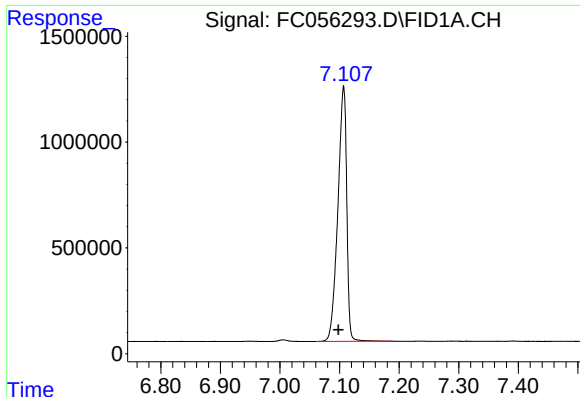
#3 A~Naphthalene (C11.7)

R.T.: 6.047 min
Delta R.T.: 0.006 min
Response: 12361369
Conc: 101.79 ug/ml



#4 n-Dodecane (C12)

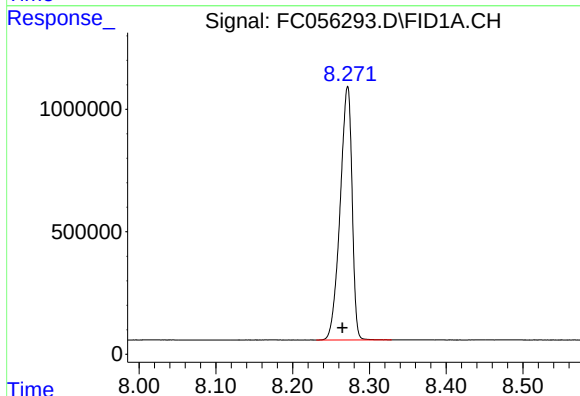
R.T.: 6.475 min
Delta R.T.: 0.006 min
Response: 11047915
Conc: 100.57 ug/ml



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

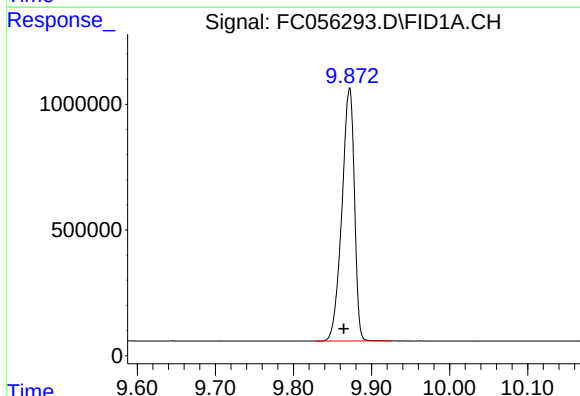
R.T.: 7.106 min
Delta R.T.: 0.008 min
Response: 12482434
Conc: 101.66 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



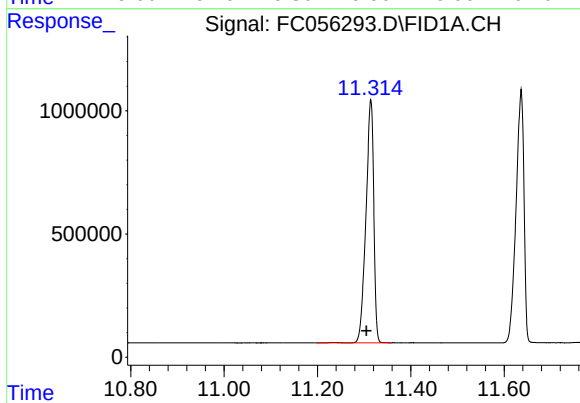
#6 n-Tetradecane (C14)

R.T.: 8.271 min
Delta R.T.: 0.006 min
Response: 11188257
Conc: 100.28 ug/ml



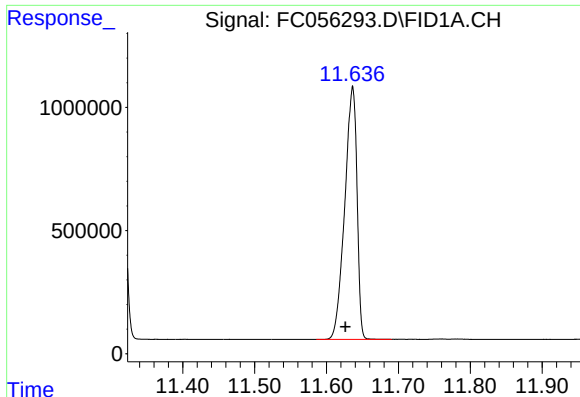
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: 0.007 min
Response: 11230773
Conc: 99.49 ug/ml



#8 n-Octadecane (C18)

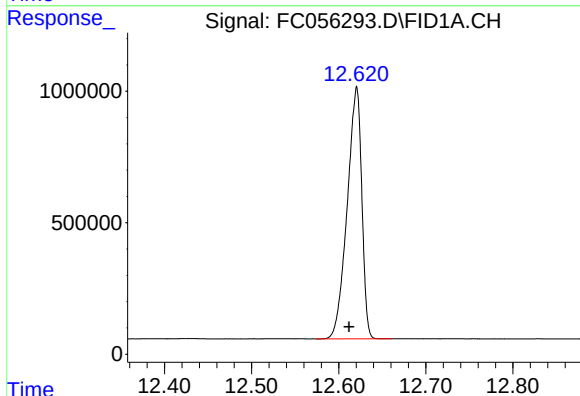
R.T.: 11.314 min
Delta R.T.: 0.009 min
Response: 11446199
Conc: 98.40 ug/ml



#9 ortho-Terphenyl (SURR)

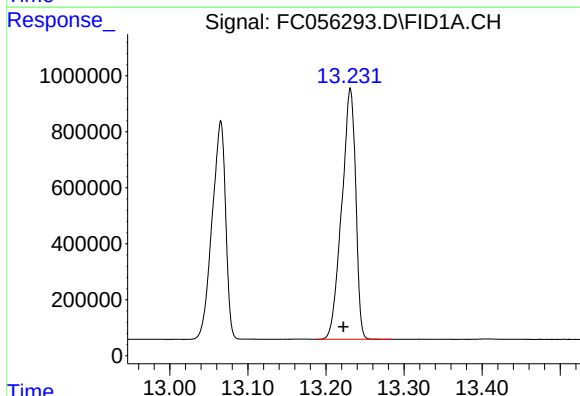
R.T.: 11.636 min
Delta R.T.: 0.010 min
Response: 12121385
Conc: 98.26 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



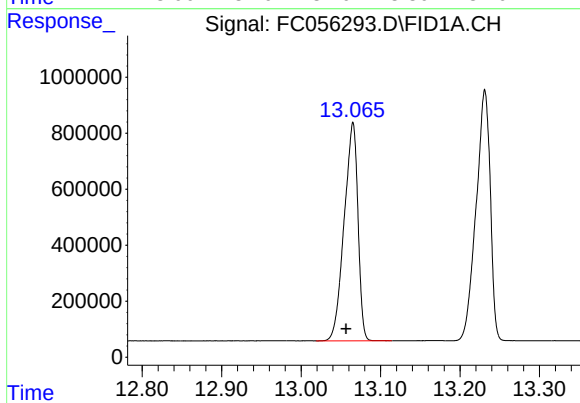
#10 n-Eicosane (C20)

R.T.: 12.620 min
Delta R.T.: 0.008 min
Response: 11143542
Conc: 97.06 ug/ml



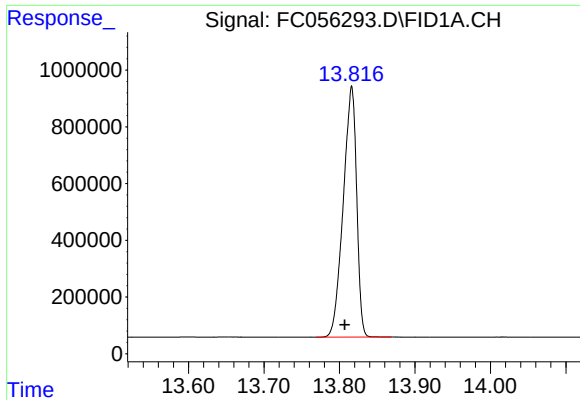
#11 n-Heneicosane (C21)

R.T.: 13.231 min
Delta R.T.: 0.009 min
Response: 11144936
Conc: 97.02 ug/ml



#12 1-chlorooctadecane (SURR)

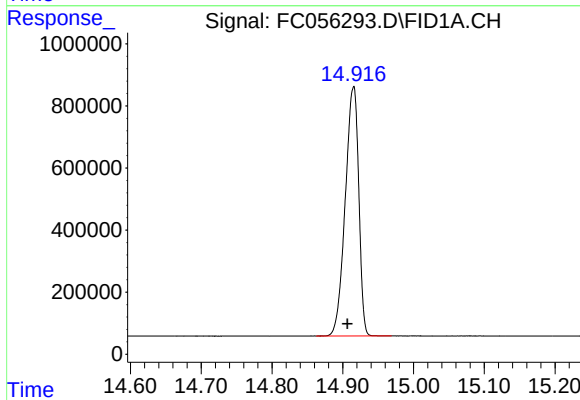
R.T.: 13.065 min
Delta R.T.: 0.008 min
Response: 9396349
Conc: 97.46 ug/ml



#13 n-Docosane (C22)

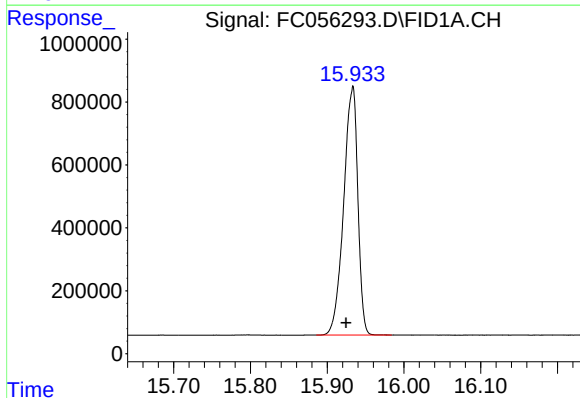
R.T.: 13.816 min
Delta R.T.: 0.009 min
Response: 10914816
Conc: 96.75 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



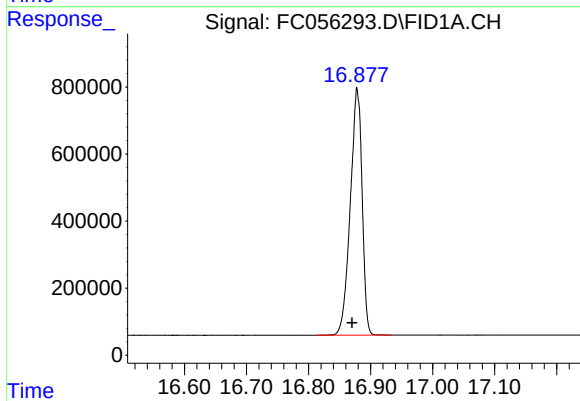
#14 n-Tetracosane (C24)

R.T.: 14.915 min
Delta R.T.: 0.008 min
Response: 10644372
Conc: 96.03 ug/ml



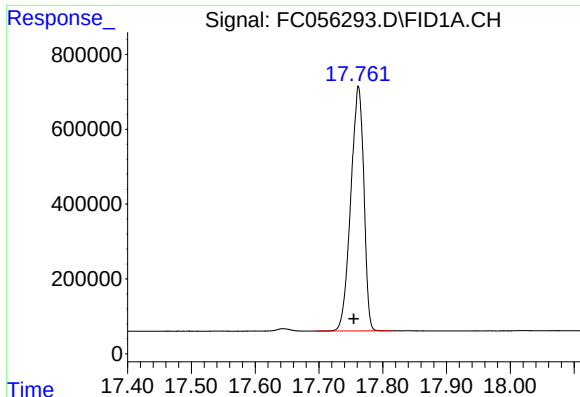
#15 n-Hexacosane (C26)

R.T.: 15.932 min
Delta R.T.: 0.008 min
Response: 10126586
Conc: 95.58 ug/ml



#16 n-Octacosane (C28)

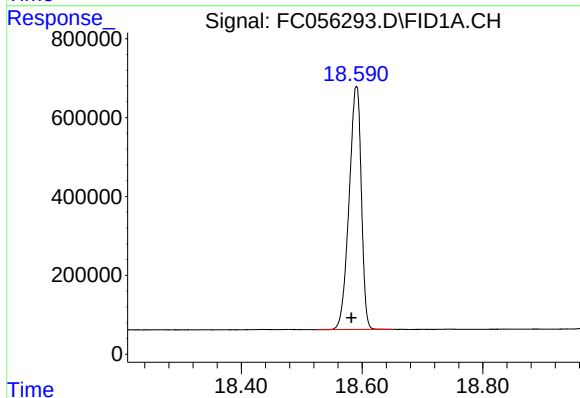
R.T.: 16.878 min
Delta R.T.: 0.008 min
Response: 9741856
Conc: 93.84 ug/ml



#17 n-Tricontane (C30)

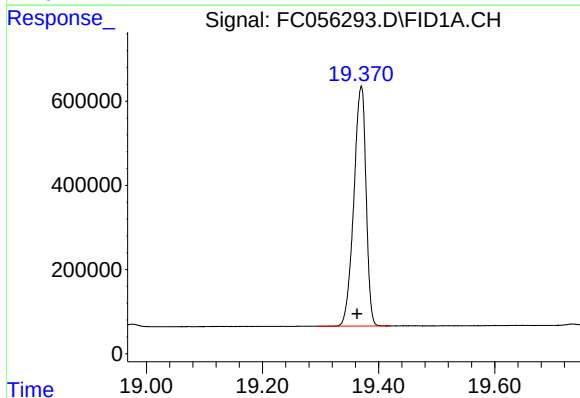
R.T.: 17.762 min
Delta R.T.: 0.007 min
Response: 9301254
Conc: 91.13 ug/ml

Instrument :
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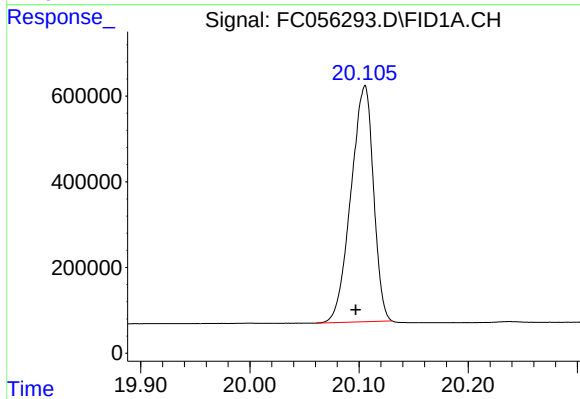
#18 n-Dotriacontane (C32)

R.T.: 18.590 min
Delta R.T.: 0.008 min
Response: 8665618
Conc: 92.03 ug/ml



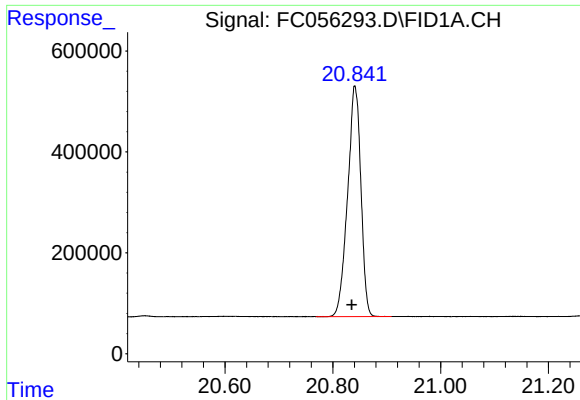
#19 n-Tetratriacontane (C34)

R.T.: 19.370 min
Delta R.T.: 0.007 min
Response: 8328667
Conc: 95.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.105 min
Delta R.T.: 0.008 min
Response: 7906509
Conc: 97.46 ug/ml



#21 n-Octatriacontane (C38)

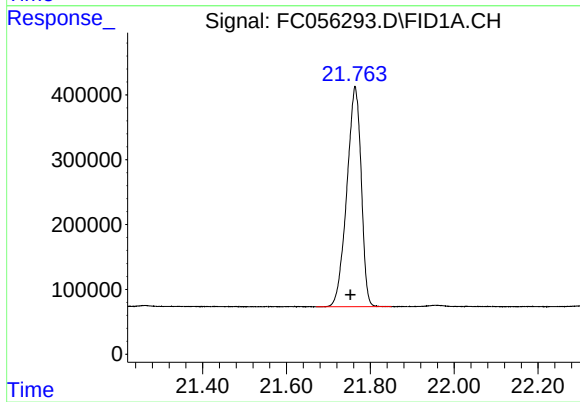
R.T.: 20.841 min
Delta R.T.: 0.006 min
Response: 7816429
Conc: 98.09 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.764 min
Delta R.T.: 0.011 min
Response: 8075128
Conc: 98.56 ug/ml