

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022122AL\
 Data File : FC058393.D
 Signal(s) : FID1A.CH
 Acq On : 21 Feb 2022 13:39
 Operator : YP\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: Feb 21 15:44:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022122.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 21 15:39:04 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)	11.424	145265156	99.309 ug/ml
Spiked Amount 50.000		Recovery =	198.62%
12) S 1-chlorooctadecane (S...	12.851	111581669	100.205 ug/ml
Spiked Amount 50.000		Recovery =	200.41%
Target Compounds			
1) T n-Nonane (C9)	3.380	123360232	99.076 ug/ml
2) T n-Decane (C10)	4.353	123878670	97.359 ug/ml
3) T A~Naphthalene (C11.7)	5.872	139115861	99.324 ug/ml
4) T n-Dodecane (C12)	6.306	126488516	98.674 ug/ml
5) T A~2-methylnaphthalene...	6.917	140517300	101.067 ug/ml
6) T n-Tetradecane (C14)	8.084	127219588	98.715 ug/ml
7) T n-Hexadecane (C16)	9.674	128324797	98.745 ug/ml
8) T n-Octadecane (C18)	11.115	129468366	99.042 ug/ml
10) T n-Eicosane (C20)	12.413	128718391	99.382 ug/ml
11) T n-Heneicosane (C21)	13.025	129260550	99.472 ug/ml
13) T n-Docosane (C22)	13.607	129306122	99.989 ug/ml
14) T n-Tetracosane (C24)	14.704	129153776	100.610 ug/ml
15) T n-Hexacosane (C26)	15.720	128026364	101.527 ug/ml
16) T n-Octacosane (C28)	16.667	126285955	102.464 ug/ml
17) T n-Tricontane (C30)	17.550	122438889	102.871 ug/ml
18) T n-Dotriacontane (C32)	18.380	114680158	102.591 ug/ml
19) T n-Tetratriacontane (C34)	19.157	105555257	102.739 ug/ml
20) T n-Hexatriacontane (C36)	19.892	96623933	103.483 ug/ml
21) T n-Octatriacontane (C38)	20.599	85995339	103.057 ug/ml
22) T n-Tetracontane (C40)	21.431	76800017	105.314 ug/ml

(f)=RT Delta > 1/2 Window

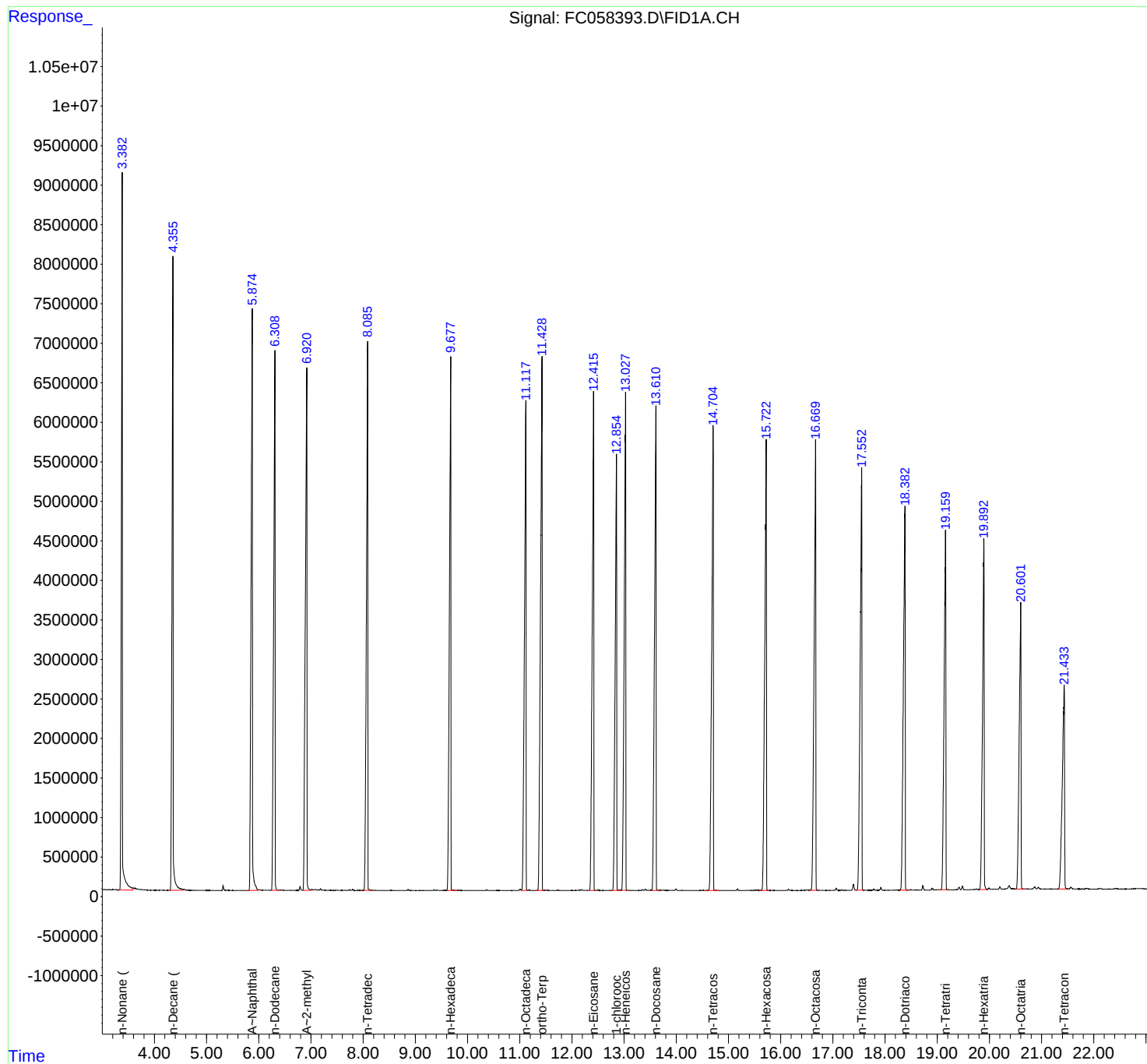
(m)=manual int.

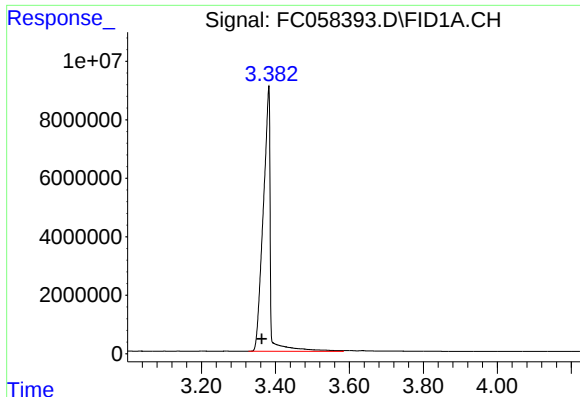
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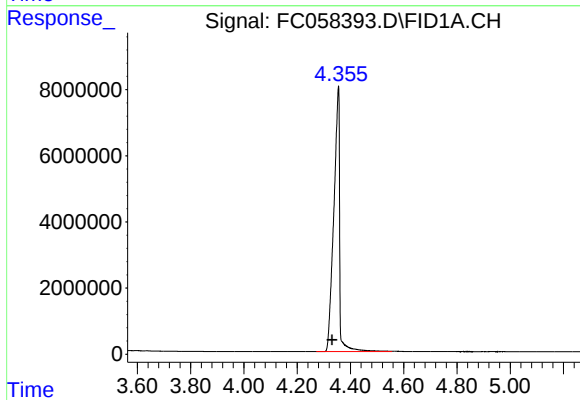




#1 n-Nonane (C9)

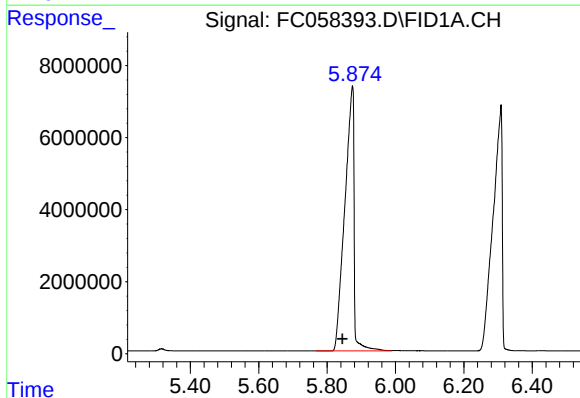
R.T.: 3.380 min
Delta R.T.: 0.017 min
Response: 123360232
Conc: 99.08 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



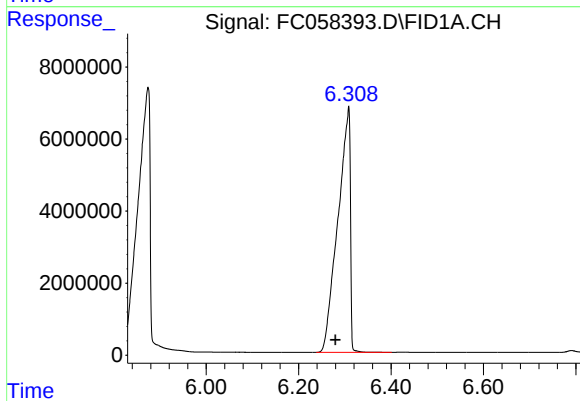
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: 0.022 min
Response: 123878670
Conc: 97.36 ug/ml



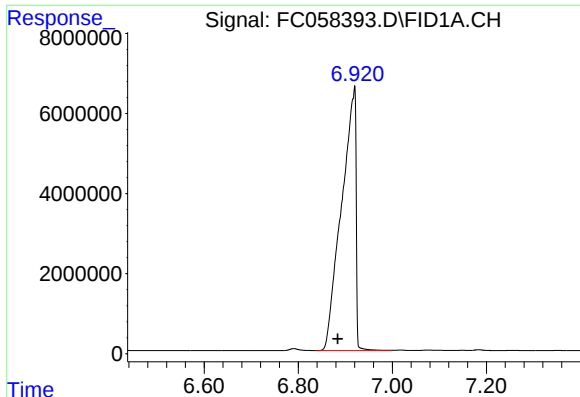
#3 A~Naphthalene (C11.7)

R.T.: 5.872 min
Delta R.T.: 0.027 min
Response: 139115861
Conc: 99.32 ug/ml



#4 n-Dodecane (C12)

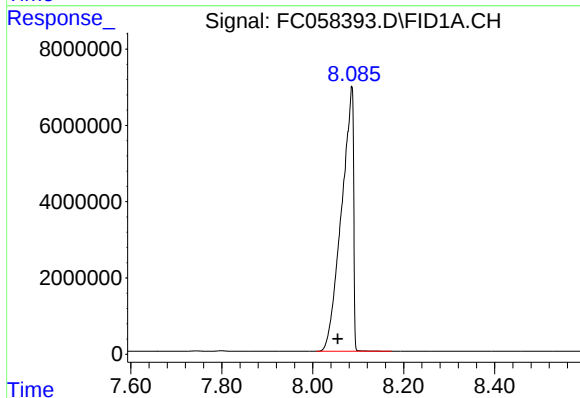
R.T.: 6.306 min
Delta R.T.: 0.026 min
Response: 126488516
Conc: 98.67 ug/ml



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

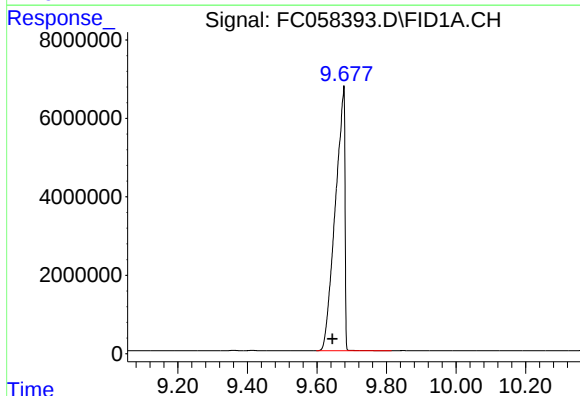
R.T.: 6.917 min
Delta R.T.: 0.032 min
Response: 140517300
Conc: 101.07 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



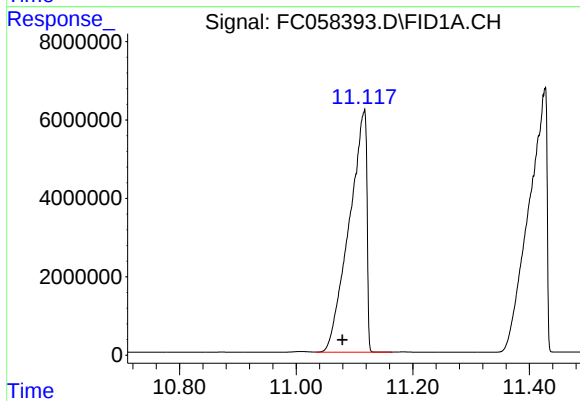
#6 n-Tetradecane (C14)

R.T.: 8.084 min
Delta R.T.: 0.029 min
Response: 127219588
Conc: 98.72 ug/ml



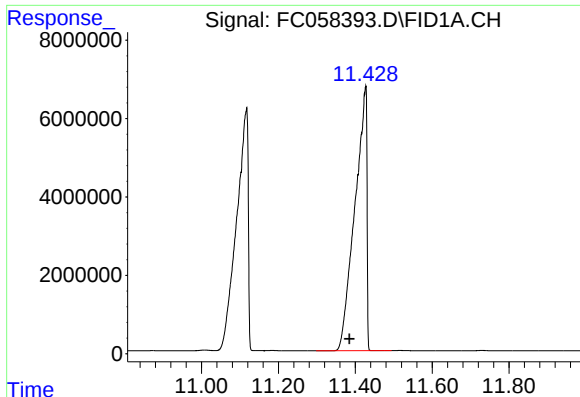
#7 n-Hexadecane (C16)

R.T.: 9.674 min
Delta R.T.: 0.030 min
Response: 128324797
Conc: 98.74 ug/ml



#8 n-Octadecane (C18)

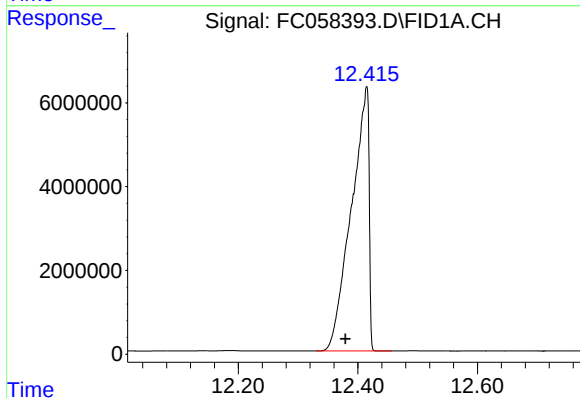
R.T.: 11.115 min
Delta R.T.: 0.035 min
Response: 129468366
Conc: 99.04 ug/ml



#9 ortho-Terphenyl (SURR)

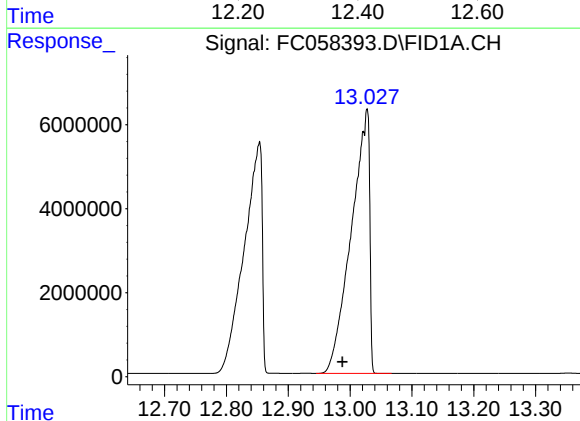
R.T.: 11.424 min
Delta R.T.: 0.039 min
Response: 145265156
Conc: 99.31 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



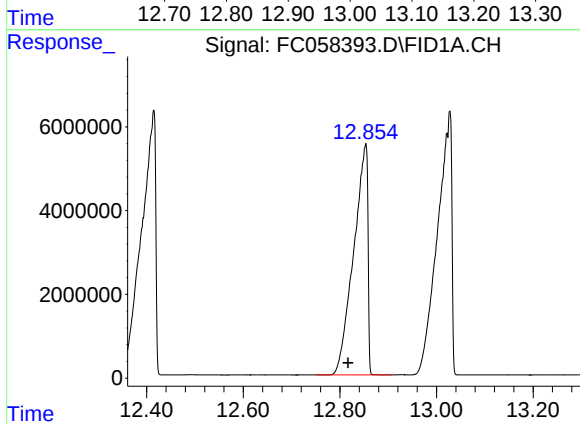
#10 n-Eicosane (C20)

R.T.: 12.413 min
Delta R.T.: 0.034 min
Response: 128718391
Conc: 99.38 ug/ml



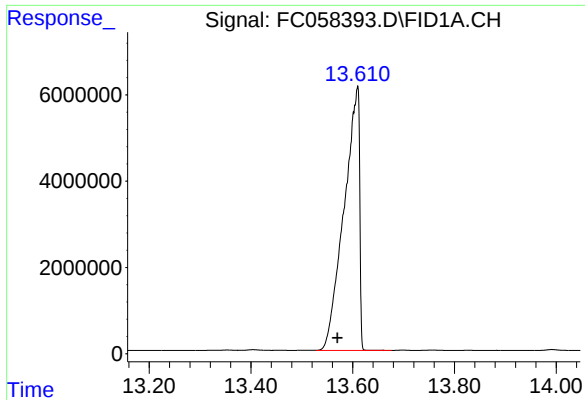
#11 n-Heneicosane (C21)

R.T.: 13.025 min
Delta R.T.: 0.037 min
Response: 129260550
Conc: 99.47 ug/ml



#12 1-chlorooctadecane (SURR)

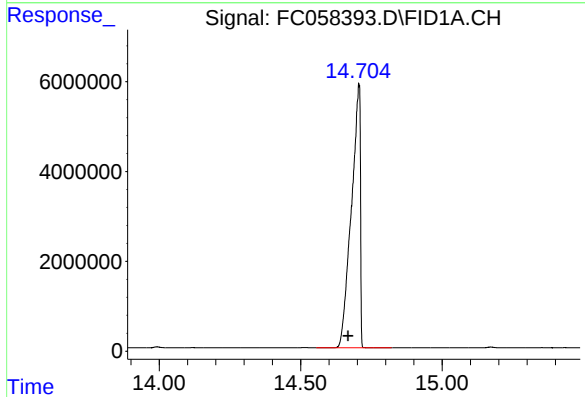
R.T.: 12.851 min
Delta R.T.: 0.034 min
Response: 111581669
Conc: 100.21 ug/ml



#13 n-Docosane (C22)

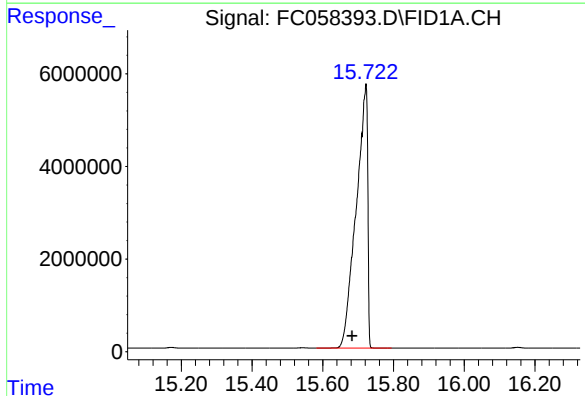
R.T.: 13.607 min
Delta R.T.: 0.037 min
Response: 129306122
Conc: 99.99 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



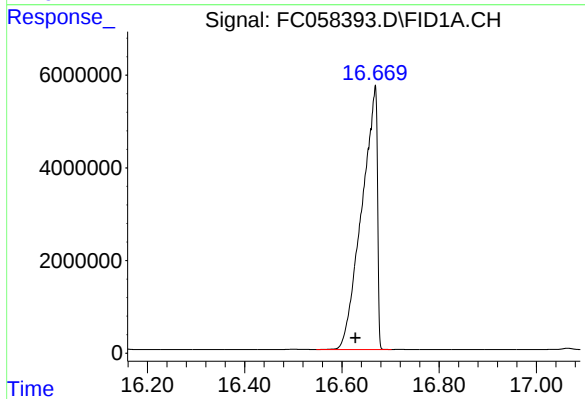
#14 n-Tetracosane (C24)

R.T.: 14.704 min
Delta R.T.: 0.037 min
Response: 129153776
Conc: 100.61 ug/ml



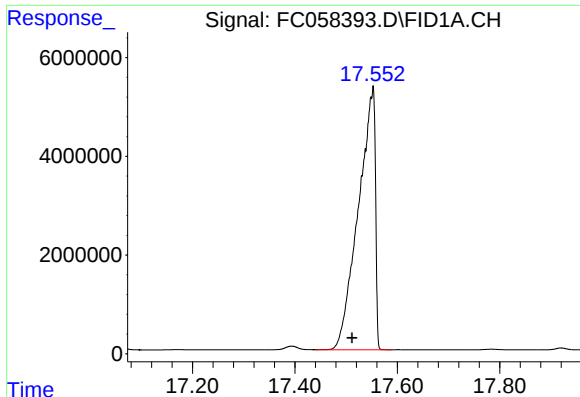
#15 n-Hexacosane (C26)

R.T.: 15.720 min
Delta R.T.: 0.037 min
Response: 128026364
Conc: 101.53 ug/ml



#16 n-Octacosane (C28)

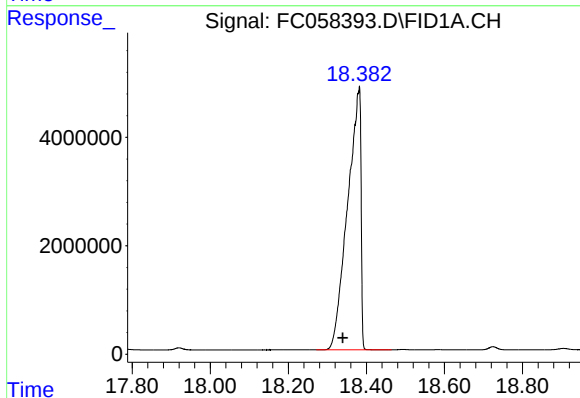
R.T.: 16.667 min
Delta R.T.: 0.039 min
Response: 126285955
Conc: 102.46 ug/ml



#17 n-Tricontane (C30)

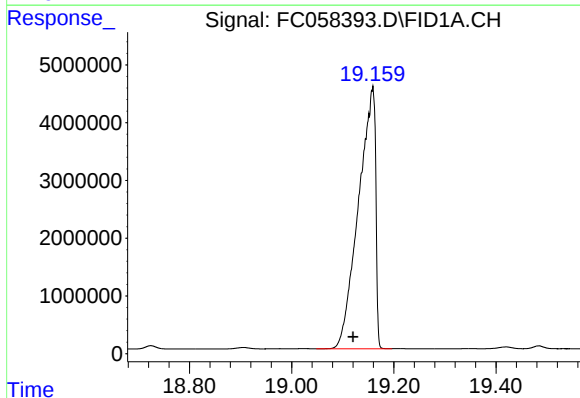
R.T.: 17.550 min
Delta R.T.: 0.038 min
Response: 122438889
Conc: 102.87 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



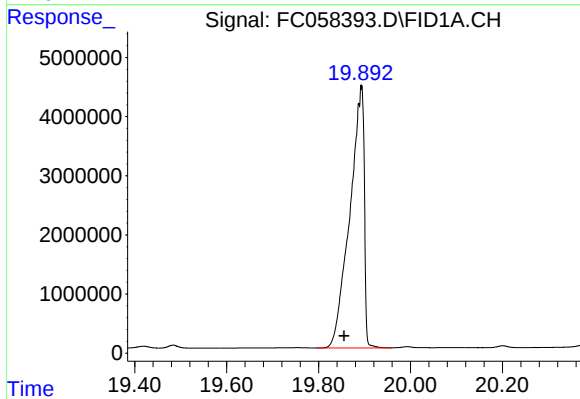
#18 n-Dotriacontane (C32)

R.T.: 18.380 min
Delta R.T.: 0.040 min
Response: 114680158
Conc: 102.59 ug/ml



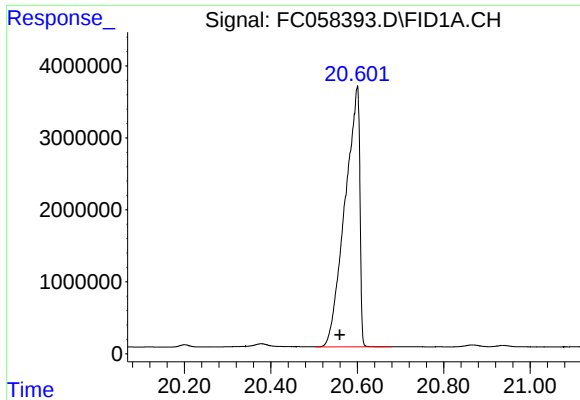
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min
Delta R.T.: 0.037 min
Response: 105555257
Conc: 102.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.892 min
Delta R.T.: 0.037 min
Response: 96623933
Conc: 103.48 ug/ml



#21 n-Octatriacontane (C38)

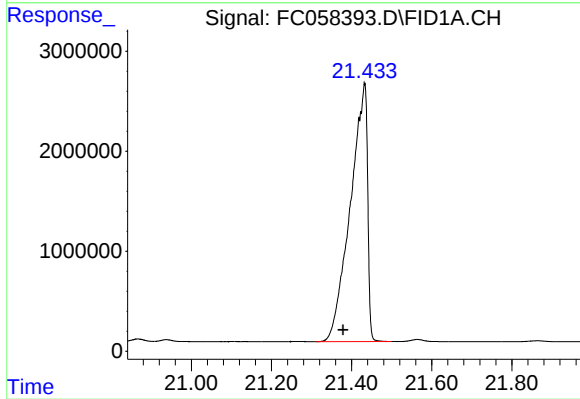
R.T.: 20.599 min
Delta R.T.: 0.039 min
Response: 85995339
Conc: 103.06 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.431 min
Delta R.T.: 0.052 min
Response: 76800017
Conc: 105.31 ug/ml