

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092921AL\
 Data File : FC055892.D
 Signal(s) : FID1A.CH
 Acq On : 29 Sep 2021 15:27
 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: Sep 30 01:19:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:19:00 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)	11.662	11607684	99.562 ug/ml
Spiked Amount 50.000		Recovery =	199.12%
12) S 1-chlorooctadecane (S...	13.091	8959568	99.115 ug/ml
Spiked Amount 50.000		Recovery =	198.23%
Target Compounds			
1) T n-Nonane (C9)	3.406	10460622	98.742 ug/ml
2) T n-Decane (C10)	4.476	10576593	99.319 ug/ml
3) T A~Naphthalene (C11.7)	6.071	11871427	99.496 ug/ml
4) T n-Dodecane (C12)	6.497	10686799	99.340 ug/ml
5) T A~2-methylnaphthalene...	7.130	12112317	101.425 ug/ml
6) T n-Tetradecane (C14)	8.294	10960903	100.702 ug/ml
7) T n-Hexadecane (C16)	9.894	10894302	100.089 ug/ml
8) T n-Octadecane (C18)	11.338	10934230	99.422 ug/ml
10) T n-Eicosane (C20)	12.646	10610187	98.971 ug/ml
11) T n-Heneicosane (C21)	13.258	10583318	98.851 ug/ml
13) T n-Docosane (C22)	13.844	10373206	98.821 ug/ml
14) T n-Tetracosane (C24)	14.947	10125797	98.187 ug/ml
15) T n-Hexacosane (C26)	15.966	9696134	97.788 ug/ml
16) T n-Octacosane (C28)	16.914	9364328	97.838 ug/ml
17) T n-Tricontane (C30)	17.800	8962068	97.703 ug/ml
18) T n-Dotriacontane (C32)	18.631	8500114	96.933 ug/ml
19) T n-Tetratriacontane (C34)	19.413	8355269	98.006 ug/ml
20) T n-Hexatriacontane (C36)	20.151	8002986	100.354 ug/ml
21) T n-Octatriacontane (C38)	20.895	7774351	101.447 ug/ml
22) T n-Tetracontane (C40)	21.829	8000585	106.410 ug/ml

(f)=RT Delta > 1/2 Window

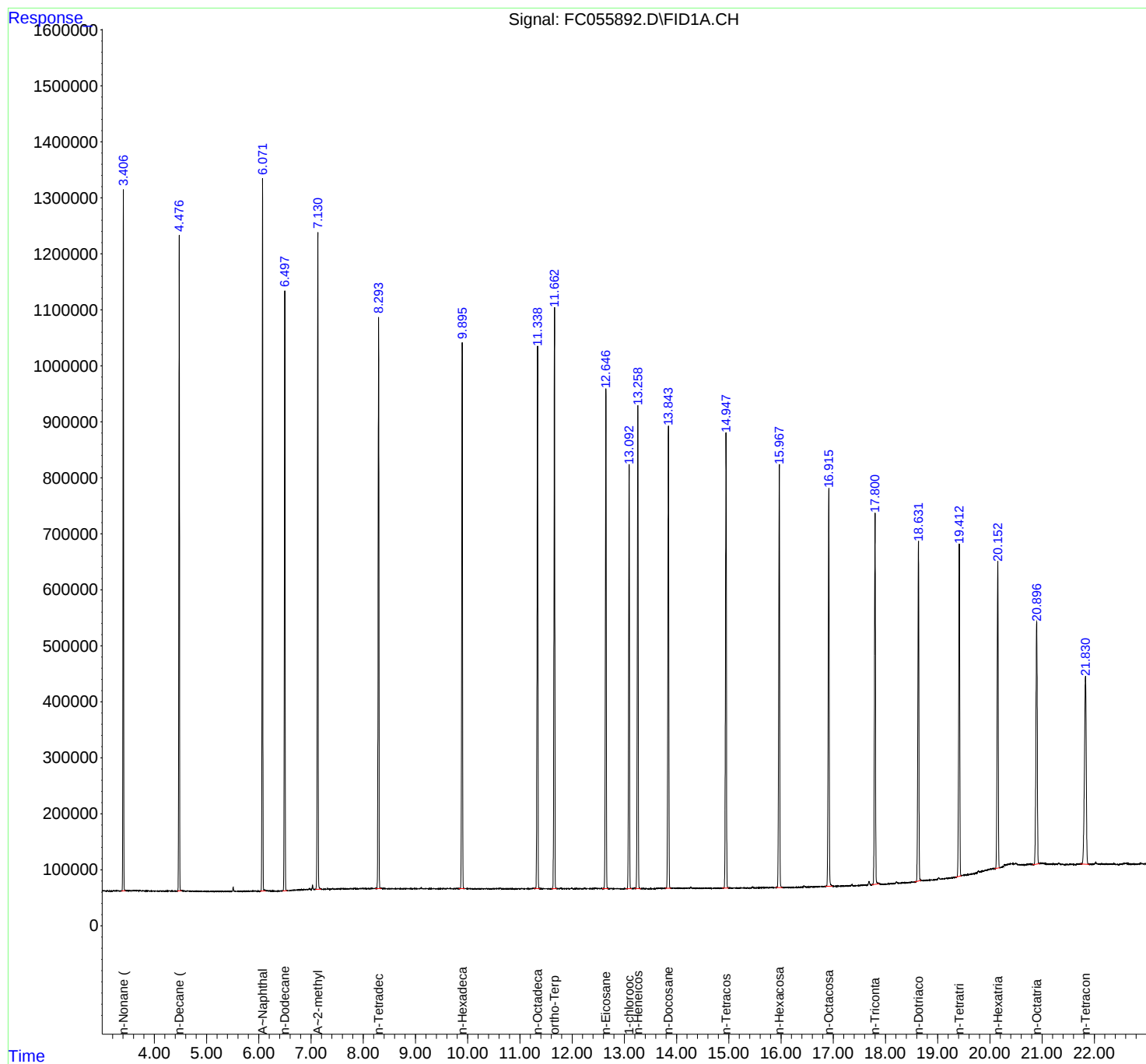
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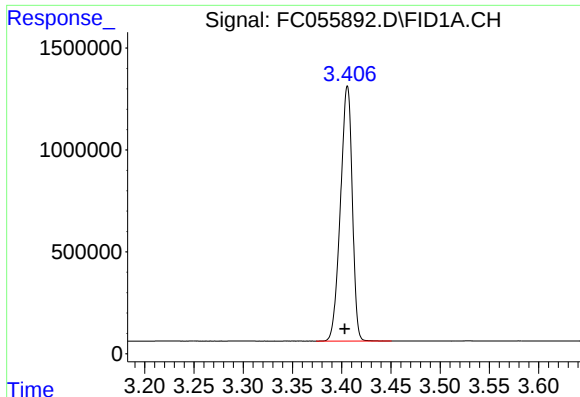
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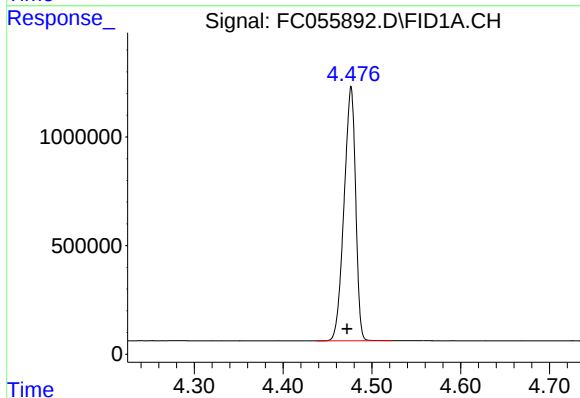




#1 n-Nonane (C9)

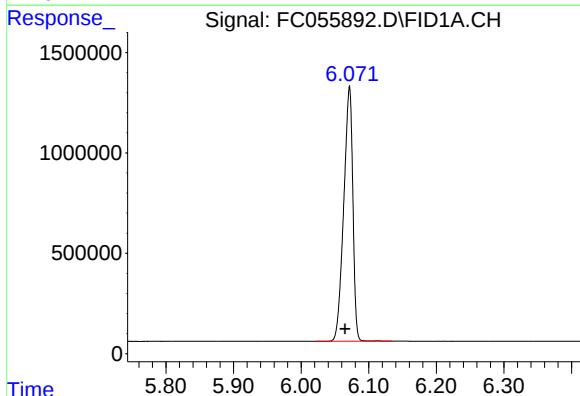
R.T.: 3.406 min
Delta R.T.: 0.003 min
Response: 10460622
Conc: 98.74 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



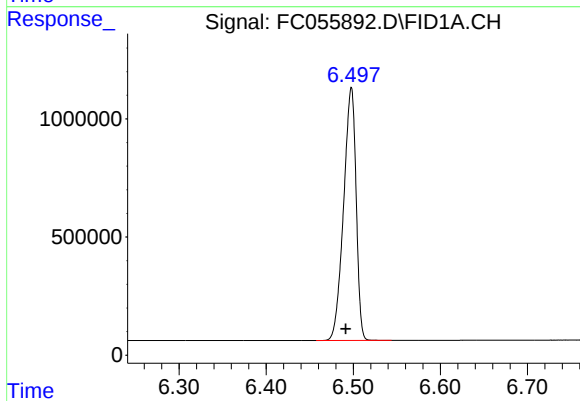
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.004 min
Response: 10576593
Conc: 99.32 ug/ml



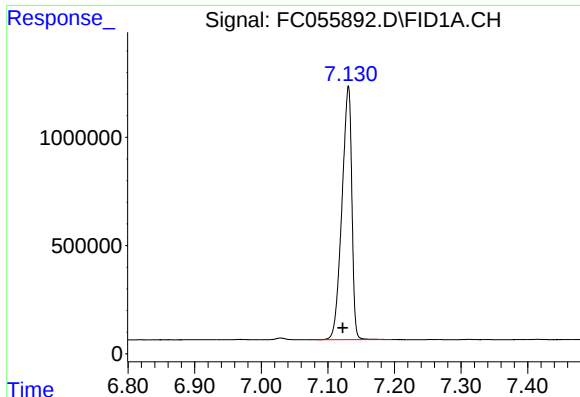
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.006 min
Response: 11871427
Conc: 99.50 ug/ml



#4 n-Dodecane (C12)

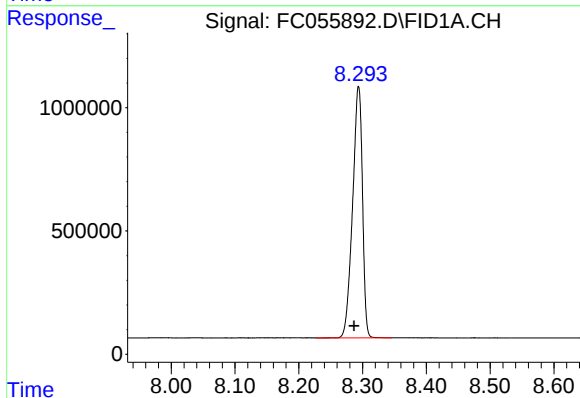
R.T.: 6.497 min
Delta R.T.: 0.006 min
Response: 10686799
Conc: 99.34 ug/ml



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

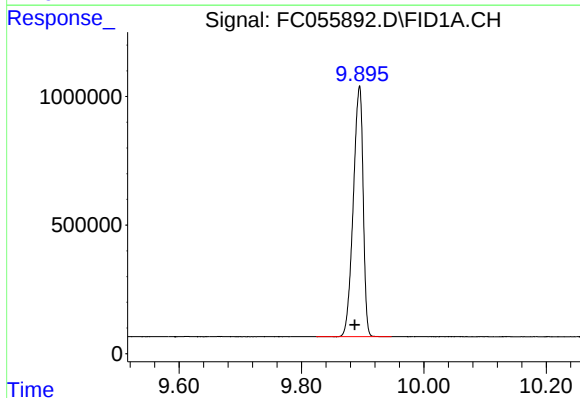
R.T.: 7.130 min
Delta R.T.: 0.008 min
Response: 12112317
Conc: 101.43 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



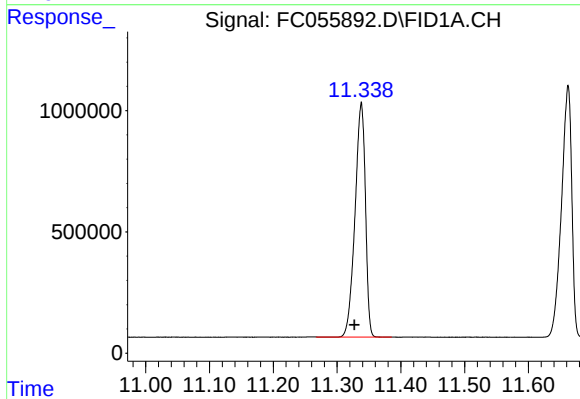
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: 0.007 min
Response: 10960903
Conc: 100.70 ug/ml



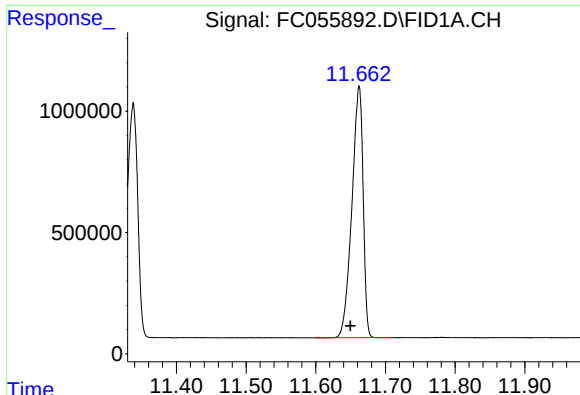
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.007 min
Response: 10894302
Conc: 100.09 ug/ml



#8 n-Octadecane (C18)

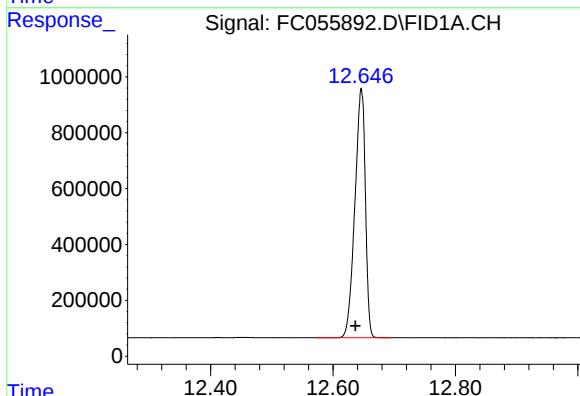
R.T.: 11.338 min
Delta R.T.: 0.010 min
Response: 10934230
Conc: 99.42 ug/ml



#9 ortho-Terphenyl (SURR)

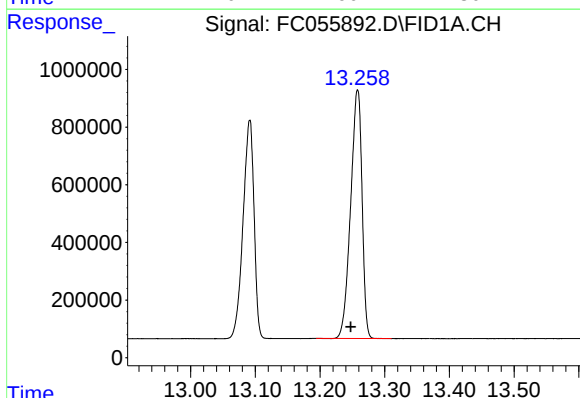
R.T.: 11.662 min
Delta R.T.: 0.012 min
Response: 11607684
Conc: 99.56 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



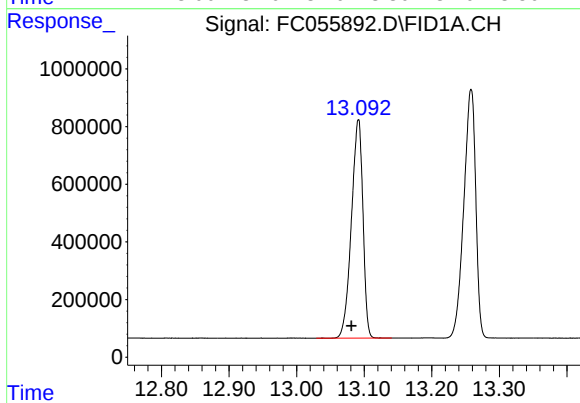
#10 n-Eicosane (C20)

R.T.: 12.646 min
Delta R.T.: 0.009 min
Response: 10610187
Conc: 98.97 ug/ml



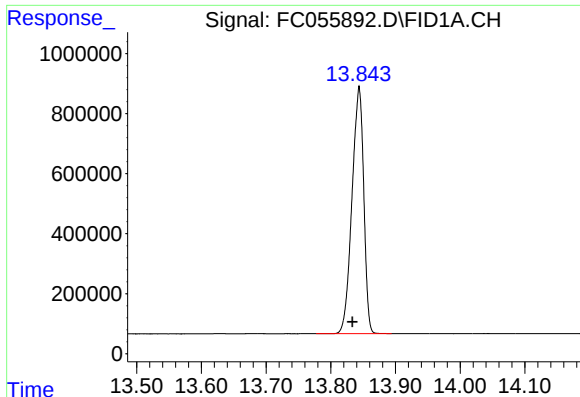
#11 n-Heneicosane (C21)

R.T.: 13.258 min
Delta R.T.: 0.010 min
Response: 10583318
Conc: 98.85 ug/ml



#12 1-chlorooctadecane (SURR)

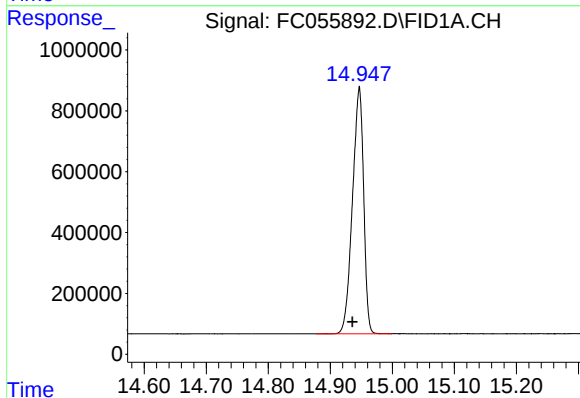
R.T.: 13.091 min
Delta R.T.: 0.010 min
Response: 8959568
Conc: 99.12 ug/ml



#13 n-Docosane (C22)

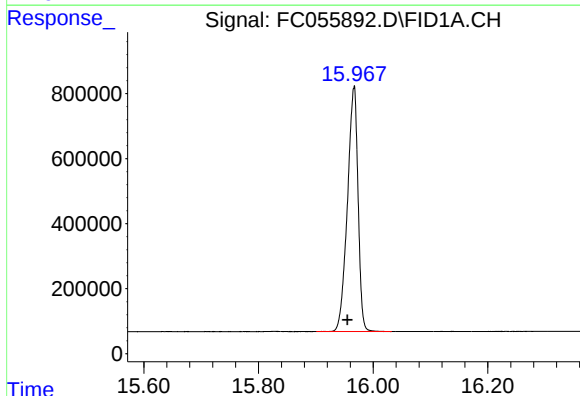
R.T.: 13.844 min
Delta R.T.: 0.010 min
Response: 10373206
Conc: 98.82 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



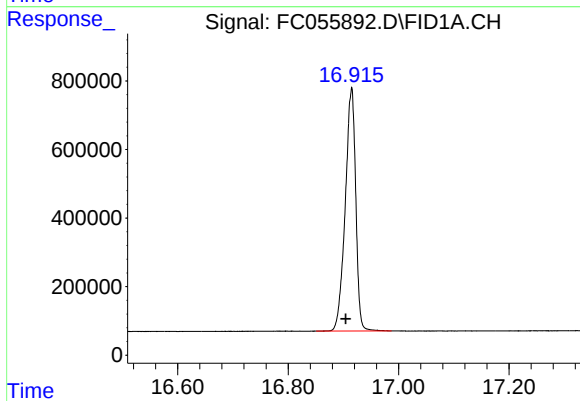
#14 n-Tetracosane (C24)

R.T.: 14.947 min
Delta R.T.: 0.011 min
Response: 10125797
Conc: 98.19 ug/ml



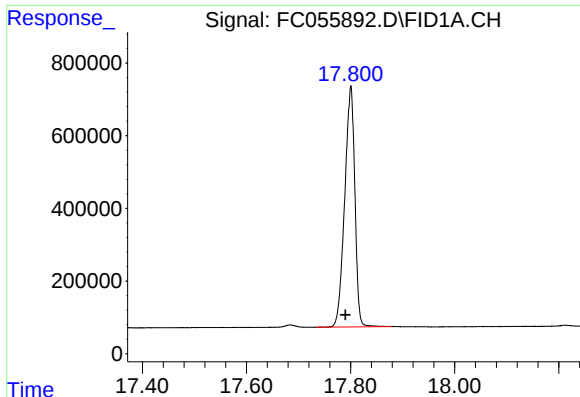
#15 n-Hexacosane (C26)

R.T.: 15.966 min
Delta R.T.: 0.011 min
Response: 9696134
Conc: 97.79 ug/ml



#16 n-Octacosane (C28)

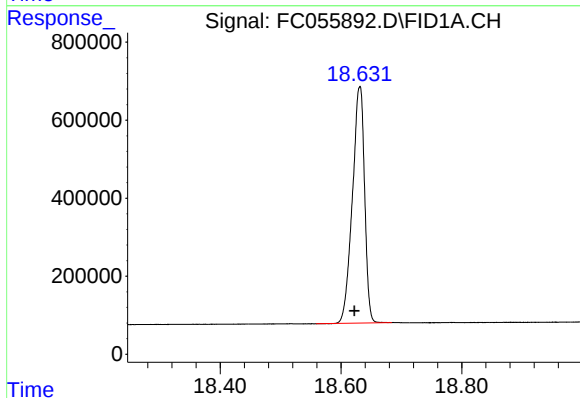
R.T.: 16.914 min
Delta R.T.: 0.010 min
Response: 9364328
Conc: 97.84 ug/ml



#17 n-Tricontane (C30)

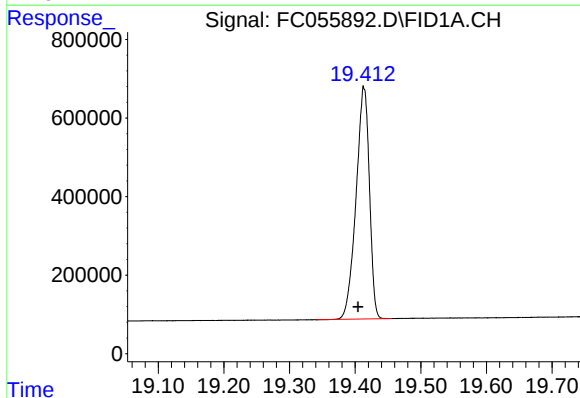
R.T.: 17.800 min
Delta R.T.: 0.010 min
Response: 8962068
Conc: 97.70 ug/ml

Instrument :
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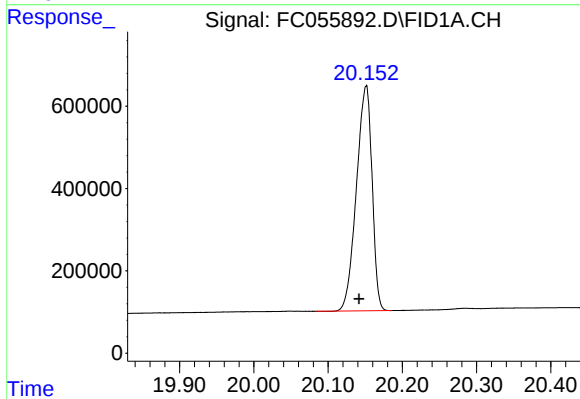
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: 0.009 min
Response: 8500114
Conc: 96.93 ug/ml



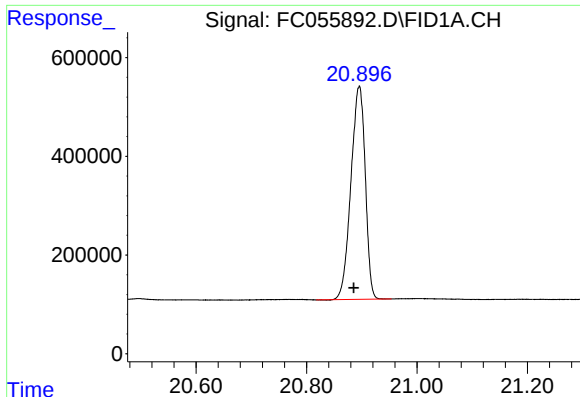
#19 n-Tetratriacontane (C34)

R.T.: 19.413 min
Delta R.T.: 0.009 min
Response: 8355269
Conc: 98.01 ug/ml



#20 n-Hexatriacontane (C36)

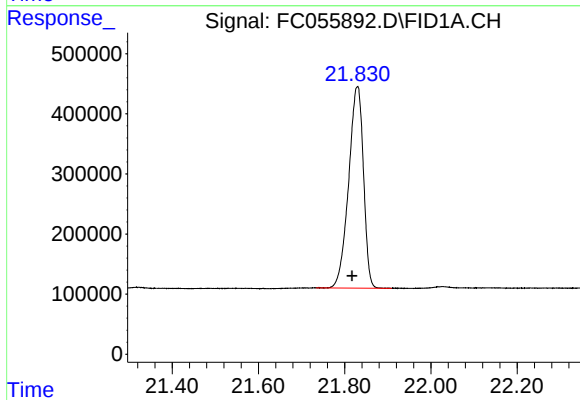
R.T.: 20.151 min
Delta R.T.: 0.009 min
Response: 8002986
Conc: 100.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.895 min
Delta R.T.: 0.010 min
Response: 7774351
Conc: 101.45 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.829 min
Delta R.T.: 0.012 min
Response: 8000585
Conc: 106.41 ug/ml