

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022120AL\
 Data File : FC045903.D
 Signal(s) : FID1A.CH
 Acq On : 21 Feb 2020 22:18
 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: Feb 22 03:10:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:10:09 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)	11.770	11988086	100.424 ug/ml
Spiked Amount 50.000		Recovery =	200.85%
12) S 1-chlorooctadecane (S...	13.185	9412545	100.270 ug/ml
Spiked Amount 50.000		Recovery =	200.54%
Target Compounds			
1) T n-Nonane (C9)	3.534	10731245	101.374 ug/ml
2) T n-Decane (C10)	4.605	10774237	101.635 ug/ml
3) T A~Naphthalene (C11.7)	6.205	12041718	102.882 ug/ml
4) T n-Dodecane (C12)	6.617	10880511	101.285 ug/ml
5) T A~2-methylnaphthalene...	7.259	12231006	103.775 ug/ml
6) T n-Tetradecane (C14)	8.404	10910288	101.406 ug/ml
7) T n-Hexadecane (C16)	9.999	10971364	100.955 ug/ml
8) T n-Octadecane (C18)	11.437	11024450	100.168 ug/ml
10) T n-Eicosane (C20)	12.740	11046444	99.957 ug/ml
11) T n-Heneicosane (C21)	13.351	11131960	99.792 ug/ml
13) T n-Docosane (C22)	13.934	11090000	99.751 ug/ml
14) T n-Tetracosane (C24)	15.032	11131886	99.345 ug/ml
15) T n-Hexacosane (C26)	16.049	10990451	98.700 ug/ml
16) T n-Octacosane (C28)	16.996	10744613	98.013 ug/ml
17) T n-Tricontane (C30)	17.878	10195581	96.642 ug/ml
18) T n-Dotriacontane (C32)	18.706	8546067	94.867 ug/ml
19) T n-Tetratriacontane (C34)	19.485	7300623	96.025 ug/ml
20) T n-Hexatriacontane (C36)	20.221	6615451	92.947 ug/ml
21) T n-Octatriacontane (C38)	20.986	6125049	96.587 ug/ml
22) T n-Tetracontane (C40)	21.953	6163172	94.455 ug/ml

(f)=RT Delta > 1/2 Window

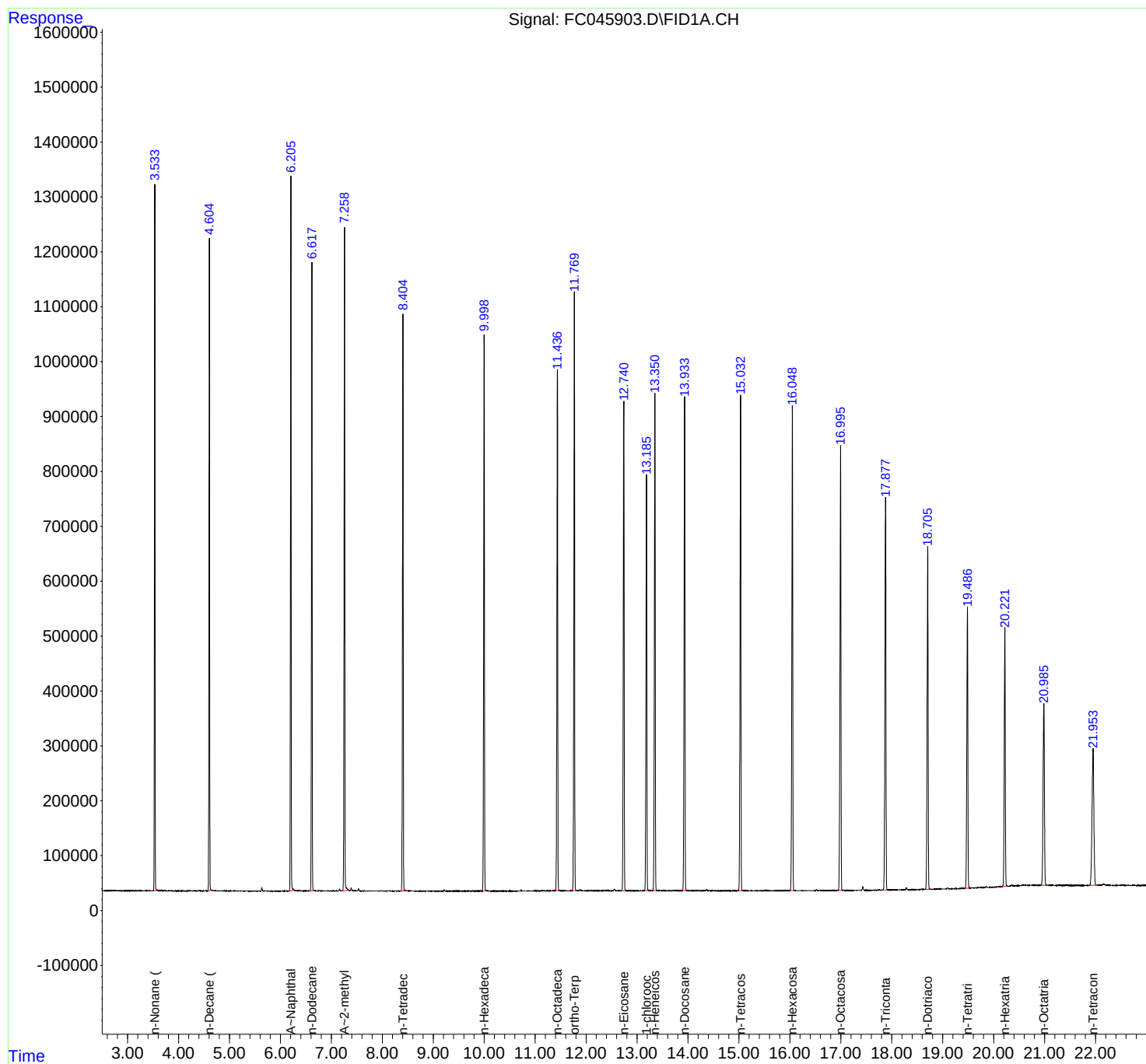
(m)=manual int.

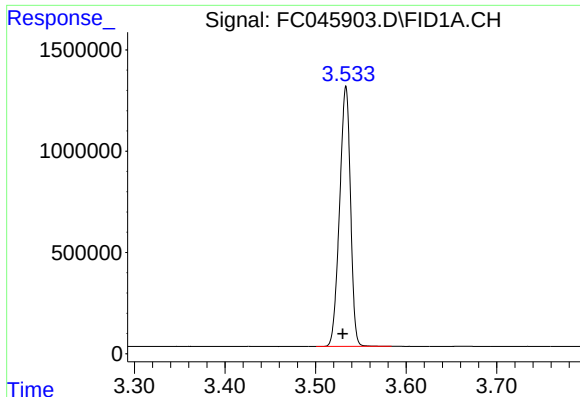
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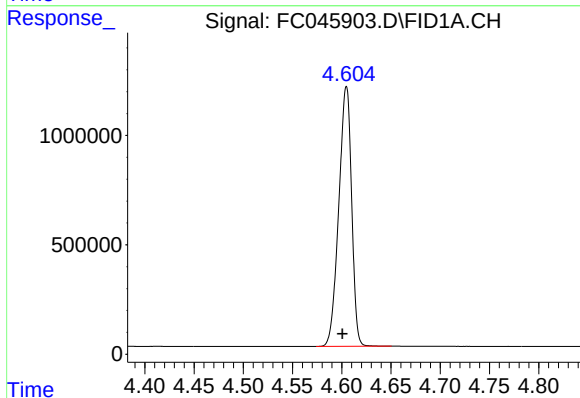




#1 n-Nonane (C9)

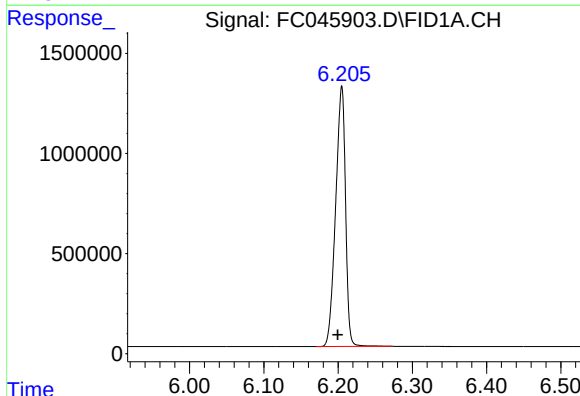
R.T.: 3.534 min
Delta R.T.: 0.004 min
Response: 10731245
Conc: 101.37 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



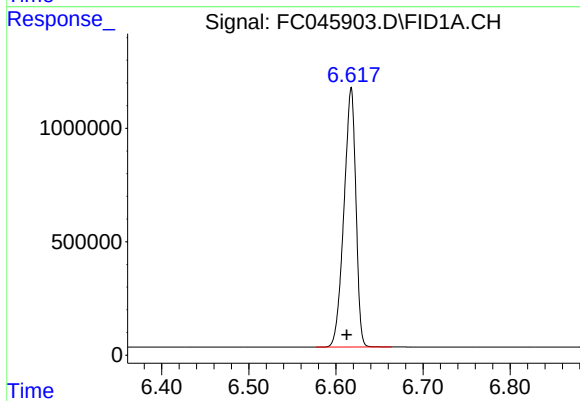
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.004 min
Response: 10774237
Conc: 101.64 ug/ml



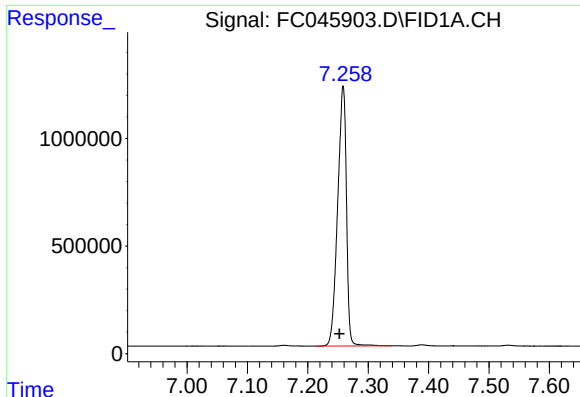
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: 0.005 min
Response: 12041718
Conc: 102.88 ug/ml



#4 n-Dodecane (C12)

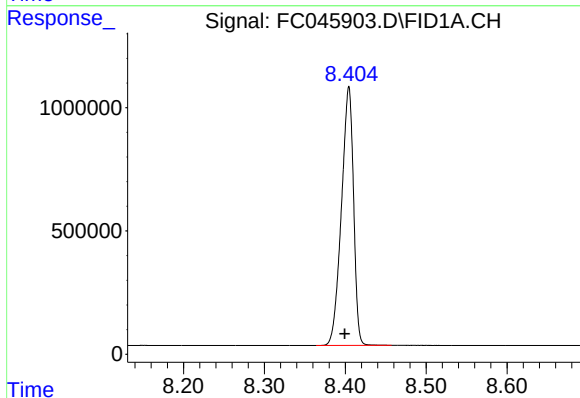
R.T.: 6.617 min
Delta R.T.: 0.005 min
Response: 10880511
Conc: 101.29 ug/ml



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

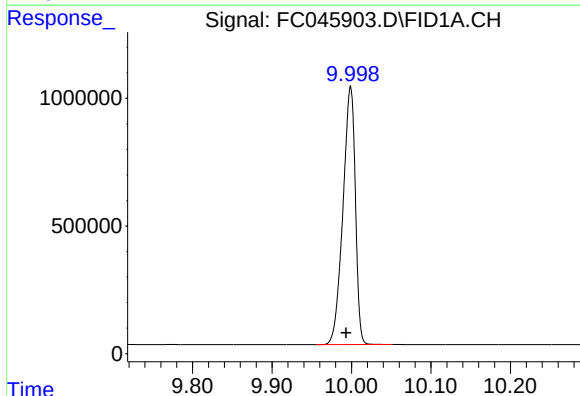
R.T.: 7.259 min
Delta R.T.: 0.006 min
Response: 12231006
Conc: 103.77 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



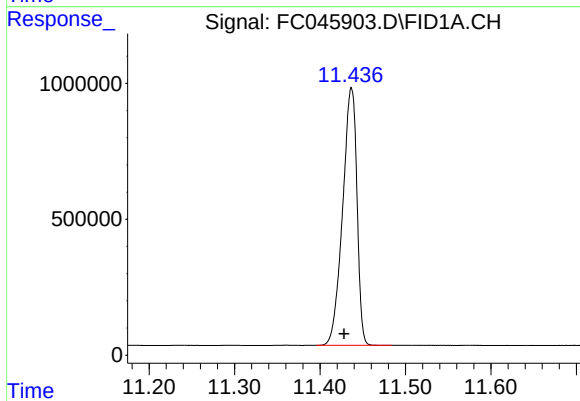
#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.005 min
Response: 10910288
Conc: 101.41 ug/ml



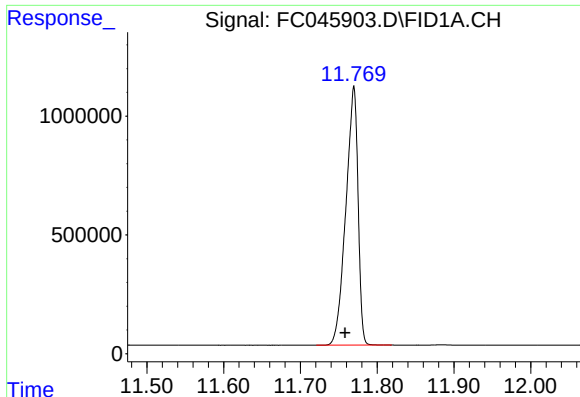
#7 n-Hexadecane (C16)

R.T.: 9.999 min
Delta R.T.: 0.006 min
Response: 10971364
Conc: 100.96 ug/ml



#8 n-Octadecane (C18)

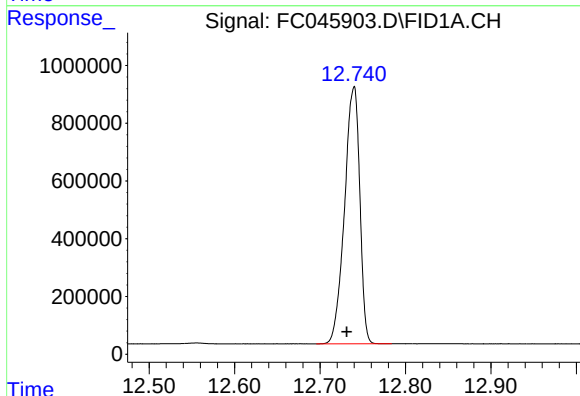
R.T.: 11.437 min
Delta R.T.: 0.009 min
Response: 11024450
Conc: 100.17 ug/ml



#9 ortho-Terphenyl (SURR)

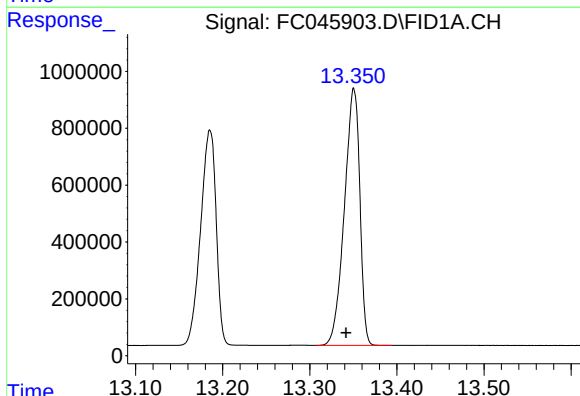
R.T.: 11.770 min
Delta R.T.: 0.011 min
Response: 11988086
Conc: 100.42 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



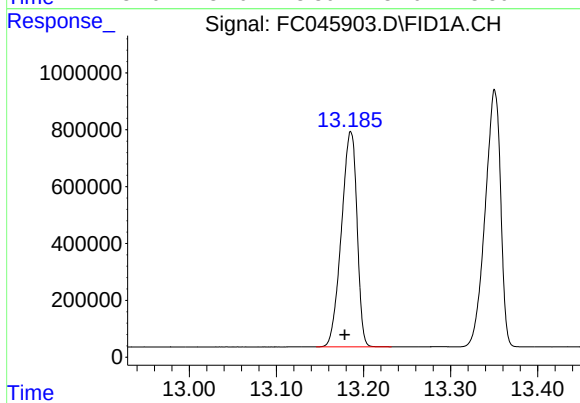
#10 n-Eicosane (C20)

R.T.: 12.740 min
Delta R.T.: 0.008 min
Response: 11046444
Conc: 99.96 ug/ml



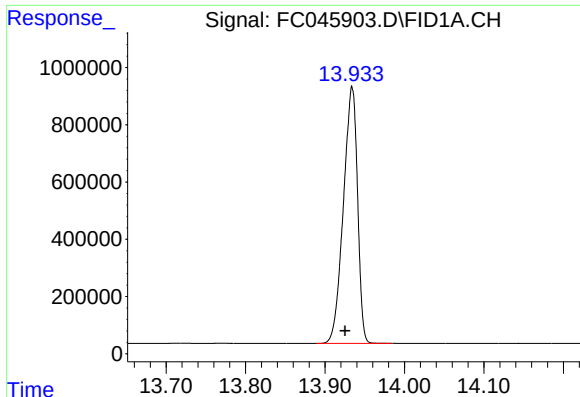
#11 n-Heneicosane (C21)

R.T.: 13.351 min
Delta R.T.: 0.009 min
Response: 11131960
Conc: 99.79 ug/ml



#12 1-chlorooctadecane (SURR)

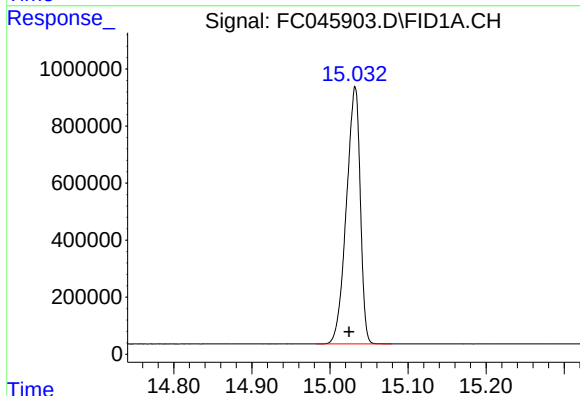
R.T.: 13.185 min
Delta R.T.: 0.007 min
Response: 9412545
Conc: 100.27 ug/ml



#13 n-Docosane (C22)

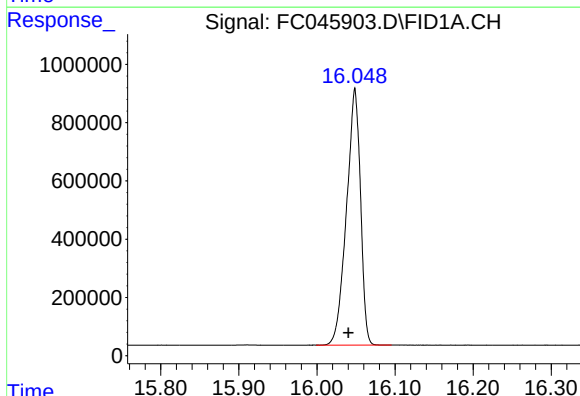
R.T.: 13.934 min
Delta R.T.: 0.009 min
Response: 11090000
Conc: 99.75 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



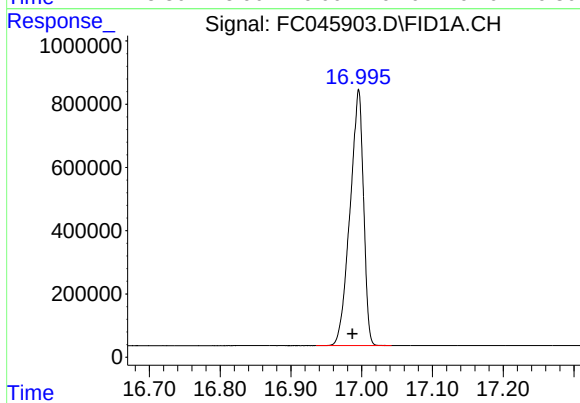
#14 n-Tetracosane (C24)

R.T.: 15.032 min
Delta R.T.: 0.008 min
Response: 11131886
Conc: 99.34 ug/ml



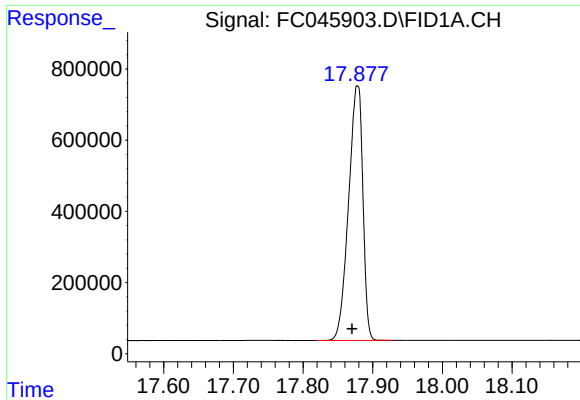
#15 n-Hexacosane (C26)

R.T.: 16.049 min
Delta R.T.: 0.008 min
Response: 10990451
Conc: 98.70 ug/ml



#16 n-Octacosane (C28)

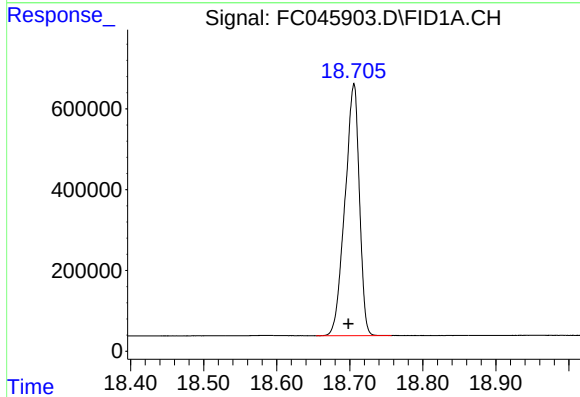
R.T.: 16.996 min
Delta R.T.: 0.009 min
Response: 10744613
Conc: 98.01 ug/ml



#17 n-Tricontane (C30)

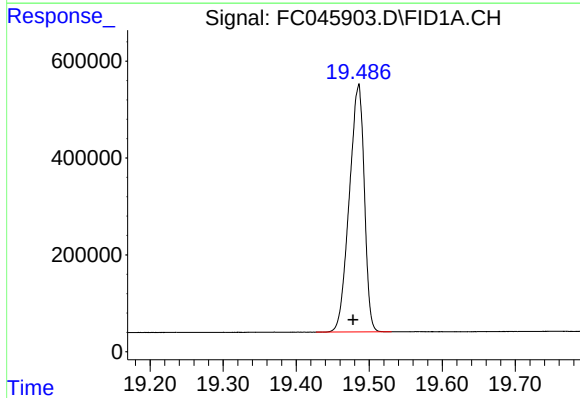
R.T.: 17.878 min
Delta R.T.: 0.008 min
Response: 10195581
Conc: 96.64 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



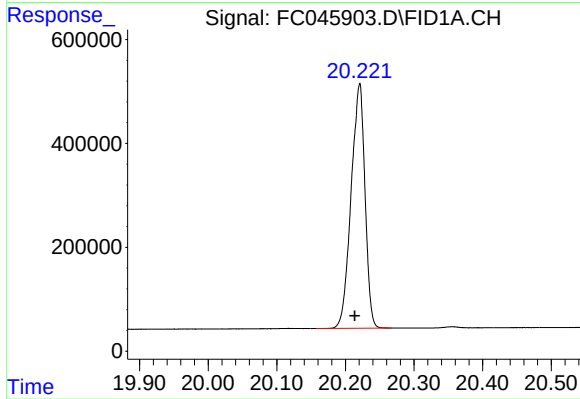
#18 n-Dotriacontane (C32)

R.T.: 18.706 min
Delta R.T.: 0.008 min
Response: 8546067
Conc: 94.87 ug/ml



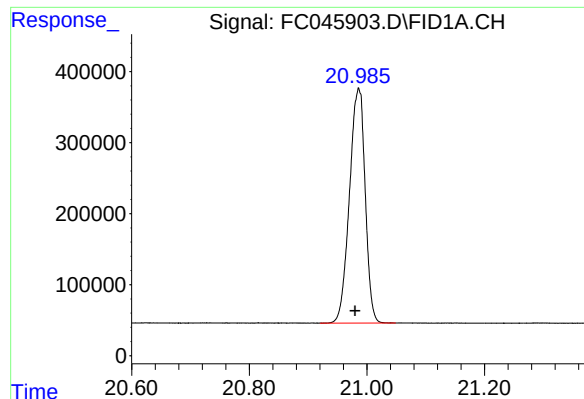
#19 n-Tetratriacontane (C34)

R.T.: 19.485 min
Delta R.T.: 0.008 min
Response: 7300623
Conc: 96.03 ug/ml



#20 n-Hexatriacontane (C36)

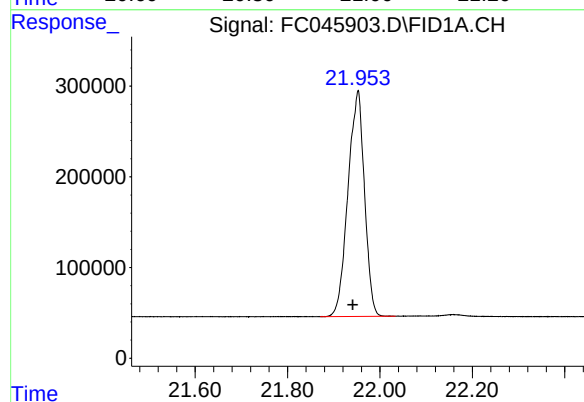
R.T.: 20.221 min
Delta R.T.: 0.007 min
Response: 6615451
Conc: 92.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.986 min
Delta R.T.: 0.006 min
Response: 6125049
Conc: 96.59 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.953 min
Delta R.T.: 0.012 min
Response: 6163172
Conc: 94.46 ug/ml