

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100620AL\
 Data File : FC049945.D
 Signal(s) : FID1A.CH
 Acq On : 07 Oct 2020 00:28
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 07 04:47:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:46:43 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)	11.656	11044689	99.131 ug/ml
Spiked Amount 50.000		Recovery =	198.26%
12) S 1-chlorooctadecane (S...	13.087	8640583	100.077 ug/ml
Spiked Amount 50.000		Recovery =	200.15%
Target Compounds			
1) T n-Nonane (C9)	3.389	9928117	101.369 ug/ml
2) T n-Decane (C10)	4.464	9984045	101.167 ug/ml
3) T A~Naphthalene (C11.7)	6.060	11171771	101.919 ug/ml
4) T n-Dodecane (C12)	6.488	10099135	100.711 ug/ml
5) T A~2-methylnaphthalene...	7.120	11345657	101.838 ug/ml
6) T n-Tetradecane (C14)	8.286	10058794	100.857 ug/ml
7) T n-Hexadecane (C16)	9.889	9855975	100.610 ug/ml
8) T n-Octadecane (C18)	11.333	10238618	99.510 ug/ml
10) T n-Eicosane (C20)	12.642	10282271	99.359 ug/ml
11) T n-Heneicosane (C21)	13.255	10258459	99.180 ug/ml
13) T n-Docosane (C22)	13.841	10269963	99.195 ug/ml
14) T n-Tetracosane (C24)	14.944	10286437	99.069 ug/ml
15) T n-Hexacosane (C26)	15.964	10222568	99.285 ug/ml
16) T n-Octacosane (C28)	16.913	10259363	99.062 ug/ml
17) T n-Tricontane (C30)	17.799	10080001	98.195 ug/ml
18) T n-Dotriacontane (C32)	18.630	9493761	97.068 ug/ml
19) T n-Tetratriacontane (C34)	19.413	9127768	97.821 ug/ml
20) T n-Hexatriacontane (C36)	20.151	8722470	95.049 ug/ml
21) T n-Octatriacontane (C38)	20.901	8260542	98.806 ug/ml
22) T n-Tetracontane (C40)	21.843	8373505	93.201 ug/ml

(f)=RT Delta > 1/2 Window

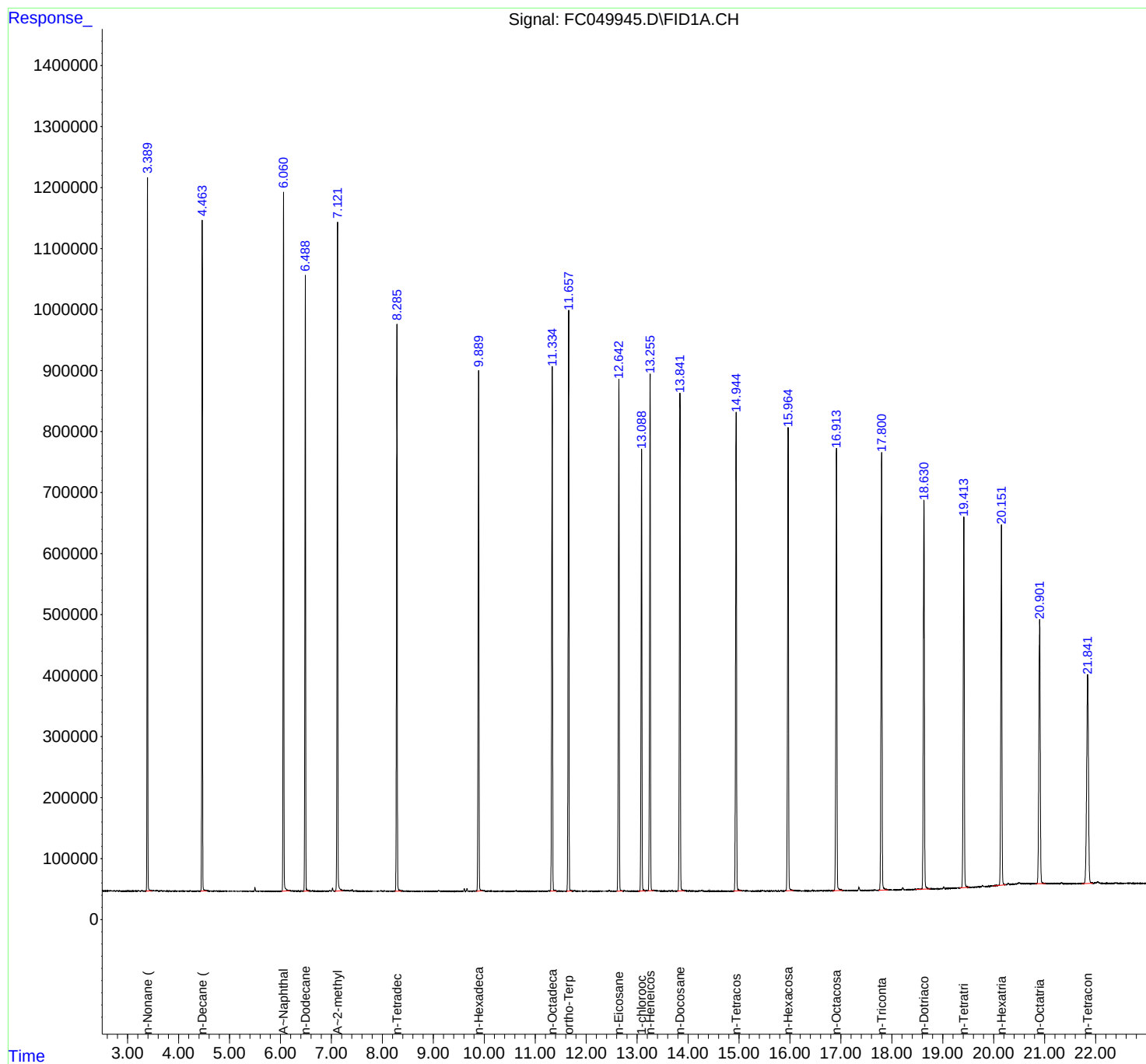
(m)=manual int.

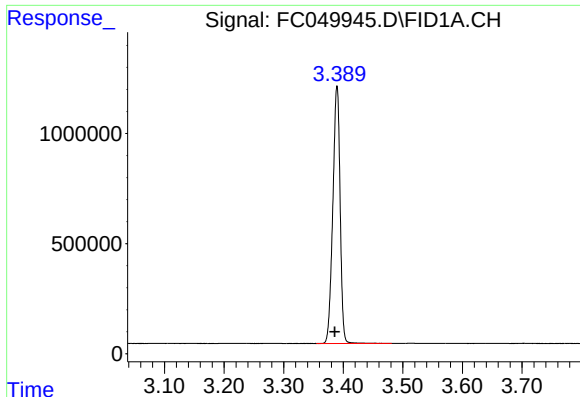
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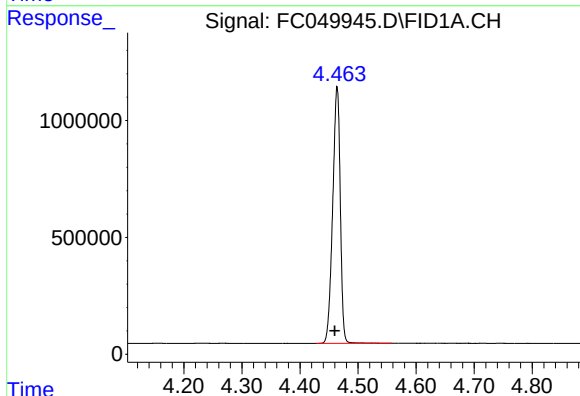




#1 n-Nonane (C9)

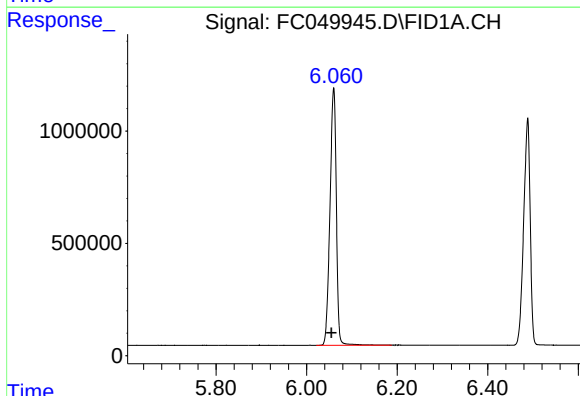
R.T.: 3.389 min
Delta R.T.: 0.003 min
Response: 9928117
Conc: 101.37 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



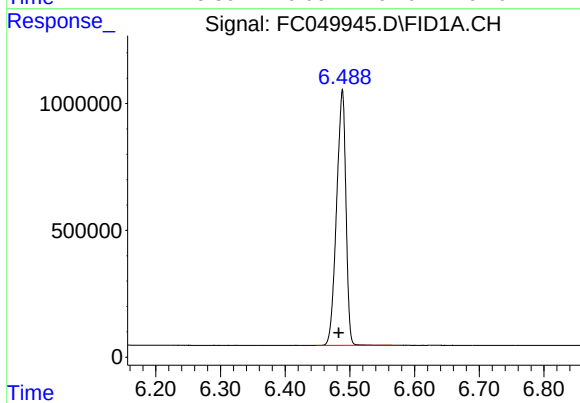
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: 0.004 min
Response: 9984045
Conc: 101.17 ug/ml



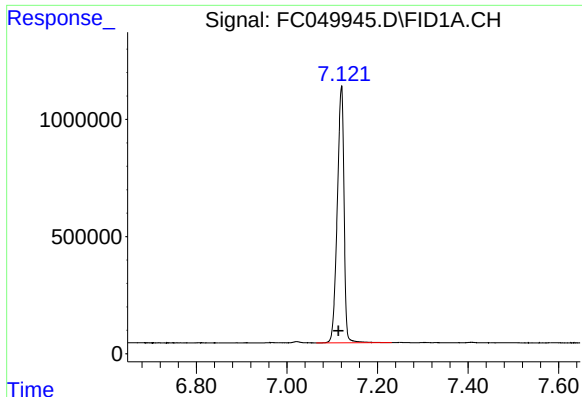
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min
Delta R.T.: 0.005 min
Response: 11171771
Conc: 101.92 ug/ml



#4 n-Dodecane (C12)

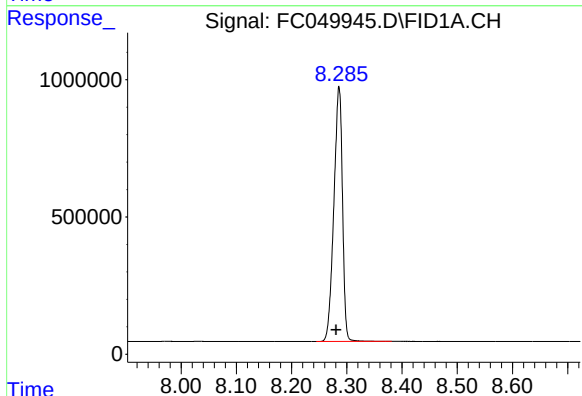
R.T.: 6.488 min
Delta R.T.: 0.005 min
Response: 10099135
Conc: 100.71 ug/ml



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

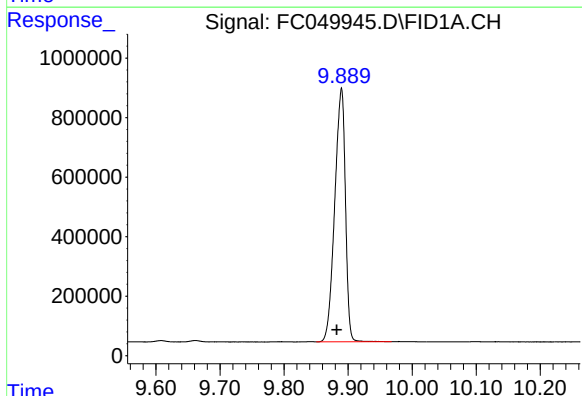
R.T.: 7.120 min
Delta R.T.: 0.006 min
Response: 11345657
Conc: 101.84 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



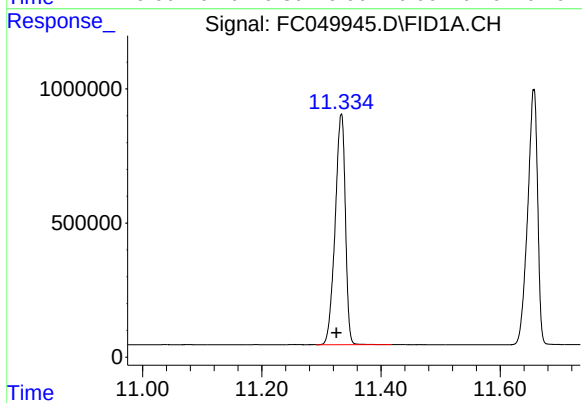
#6 n-Tetradecane (C14)

R.T.: 8.286 min
Delta R.T.: 0.005 min
Response: 10058794
Conc: 100.86 ug/ml



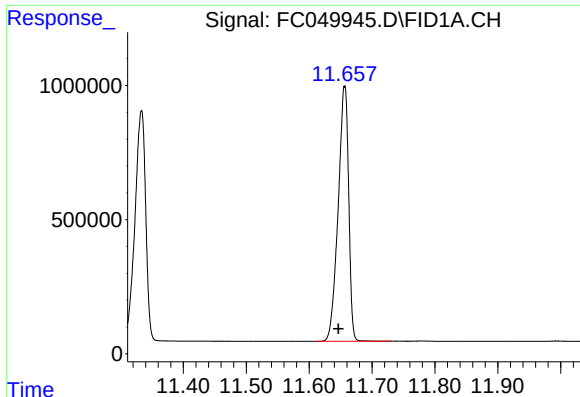
#7 n-Hexadecane (C16)

R.T.: 9.889 min
Delta R.T.: 0.007 min
Response: 9855975
Conc: 100.61 ug/ml



#8 n-Octadecane (C18)

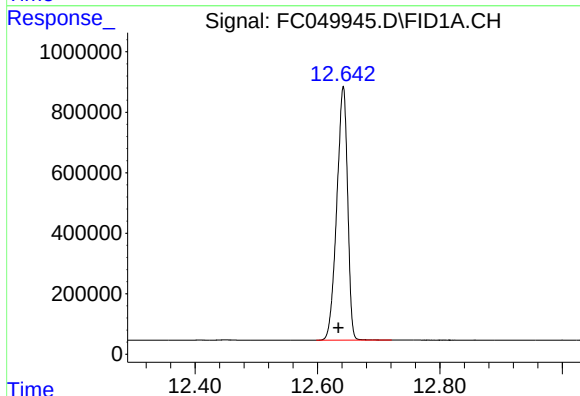
R.T.: 11.333 min
Delta R.T.: 0.008 min
Response: 10238618
Conc: 99.51 ug/ml



#9 ortho-Terphenyl (SURR)

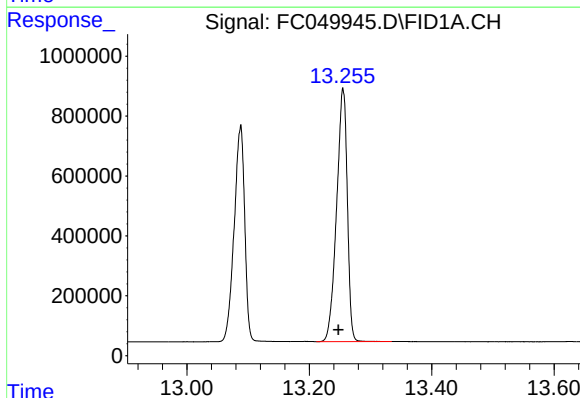
R.T.: 11.656 min
Delta R.T.: 0.009 min
Response: 11044689
Conc: 99.13 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



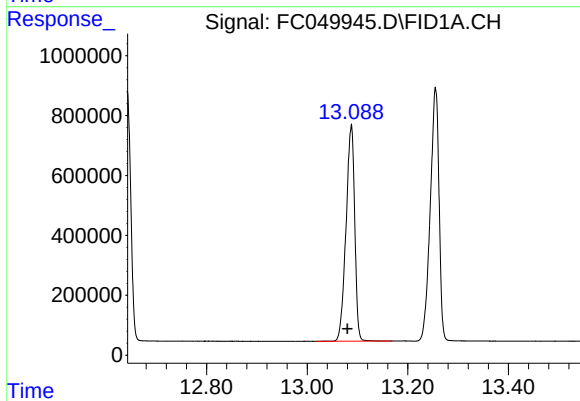
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: 0.008 min
Response: 10282271
Conc: 99.36 ug/ml



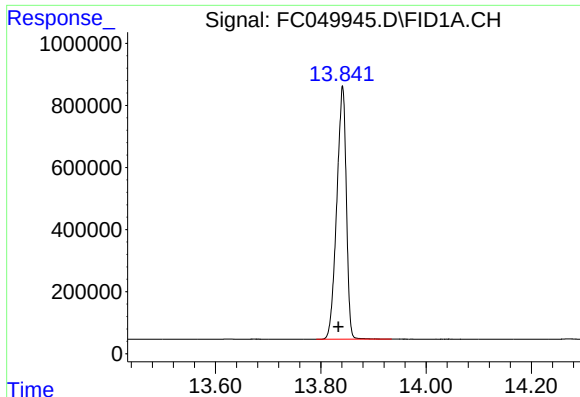
#11 n-Heneicosane (C21)

R.T.: 13.255 min
Delta R.T.: 0.007 min
Response: 10258459
Conc: 99.18 ug/ml



#12 1-chlorooctadecane (SURR)

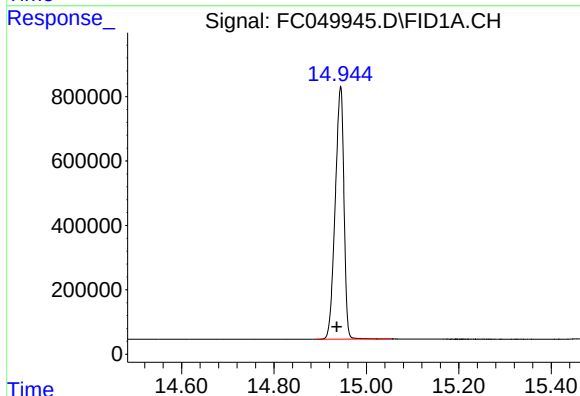
R.T.: 13.087 min
Delta R.T.: 0.007 min
Response: 8640583
Conc: 100.08 ug/ml



#13 n-Docosane (C22)

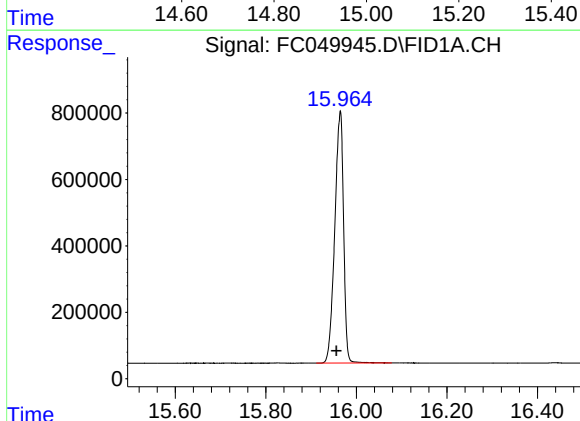
R.T.: 13.841 min
Delta R.T.: 0.008 min
Response: 10269963
Conc: 99.19 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



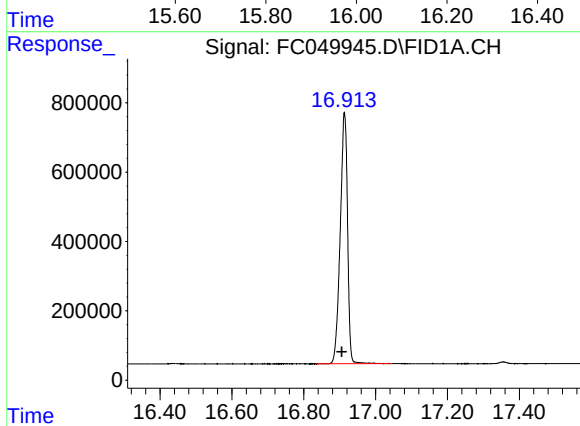
#14 n-Tetracosane (C24)

R.T.: 14.944 min
Delta R.T.: 0.008 min
Response: 10286437
Conc: 99.07 ug/ml



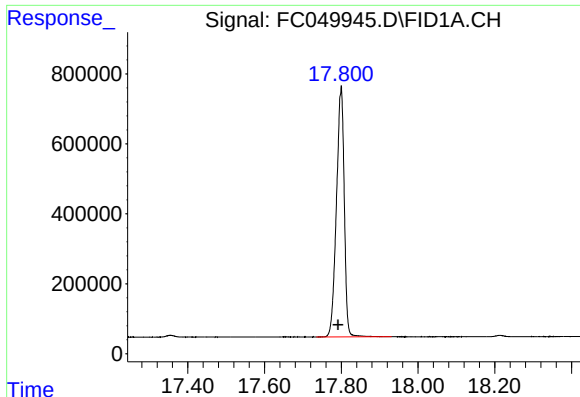
#15 n-Hexacosane (C26)

R.T.: 15.964 min
Delta R.T.: 0.008 min
Response: 10222568
Conc: 99.28 ug/ml



#16 n-Octacosane (C28)

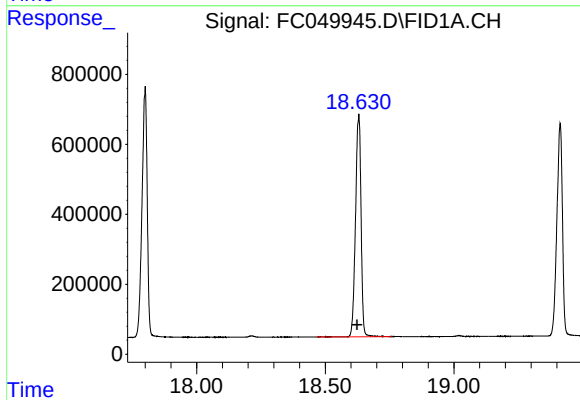
R.T.: 16.913 min
Delta R.T.: 0.007 min
Response: 10259363
Conc: 99.06 ug/ml



#17 n-Tricontane (C30)

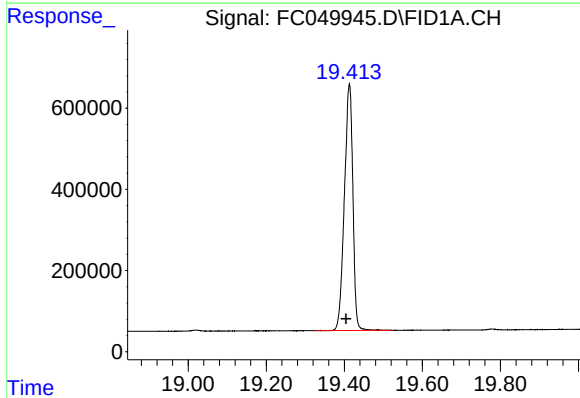
R.T.: 17.799 min
Delta R.T.: 0.007 min
Response: 10080001
Conc: 98.20 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



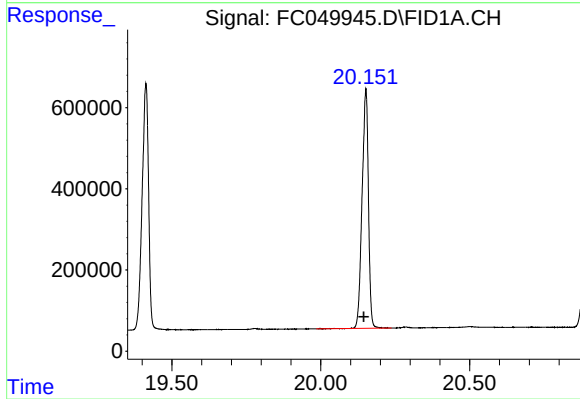
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.007 min
Response: 9493761
Conc: 97.07 ug/ml



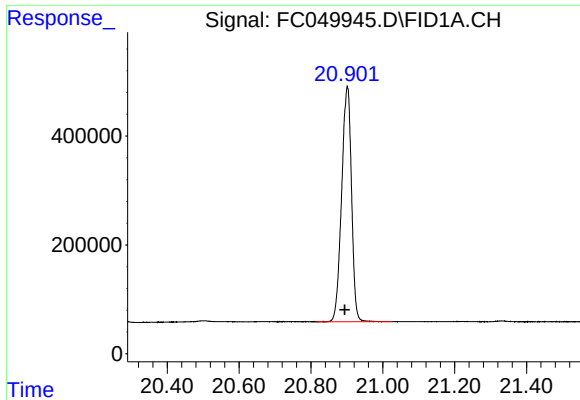
#19 n-Tetratriacontane (C34)

R.T.: 19.413 min
Delta R.T.: 0.008 min
Response: 9127768
Conc: 97.82 ug/ml



#20 n-Hexatriacontane (C36)

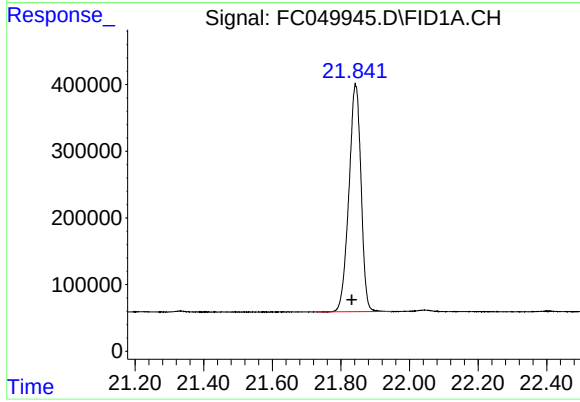
R.T.: 20.151 min
Delta R.T.: 0.006 min
Response: 8722470
Conc: 95.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.901 min
Delta R.T.: 0.008 min
Response: 8260542
Conc: 98.81 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.843 min
Delta R.T.: 0.012 min
Response: 8373505
Conc: 93.20 ug/ml