

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011921AL\
 Data File : FC051757.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jan 2021 21:24
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jan 20 00:40:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011921.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 20 00:39:02 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)	11.696	6175936	47.510 ug/ml
Spiked Amount 50.000		Recovery =	95.02%
12) S 1-chlorooctadecane (S...	13.126	4984721	47.477 ug/ml
Spiked Amount 50.000		Recovery =	94.95%
Target Compounds			
1) T n-Nonane (C9)	3.443	5305764	47.410 ug/ml
2) T n-Decane (C10)	4.514	5345475	47.434 ug/ml
3) T A~Naphthalene (C11.7)	6.105	6031537	47.407 ug/ml
4) T n-Dodecane (C12)	6.533	5442997	47.372 ug/ml
5) T A~2-methylnaphthalene...	7.162	6181505	47.443 ug/ml
6) T n-Tetradecane (C14)	8.329	5510839	47.479 ug/ml
7) T n-Hexadecane (C16)	9.930	5487702	47.413 ug/ml
8) T n-Octadecane (C18)	11.373	5748685	47.415 ug/ml
10) T n-Eicosane (C20)	12.681	5843353	47.491 ug/ml
11) T n-Heneicosane (C21)	13.293	5860198	47.468 ug/ml
13) T n-Docosane (C22)	13.878	5881037	47.552 ug/ml
14) T n-Tetracosane (C24)	14.982	5905085	47.749 ug/ml
15) T n-Hexacosane (C26)	16.002	5824242	48.034 ug/ml
16) T n-Octacosane (C28)	16.952	5729617	48.436 ug/ml
17) T n-Tricontane (C30)	17.840	5521902	48.776 ug/ml
18) T n-Dotriacontane (C32)	18.672	5129091	49.331 ug/ml
19) T n-Tetratriacontane (C34)	19.456	4755739	49.922 ug/ml
20) T n-Hexatriacontane (C36)	20.195	4340042	48.651 ug/ml
21) T n-Octatriacontane (C38)	20.952	4045168	48.407 ug/ml
22) T n-Tetracontane (C40)	21.900	4150826	47.093 ug/ml

(f)=RT Delta > 1/2 Window

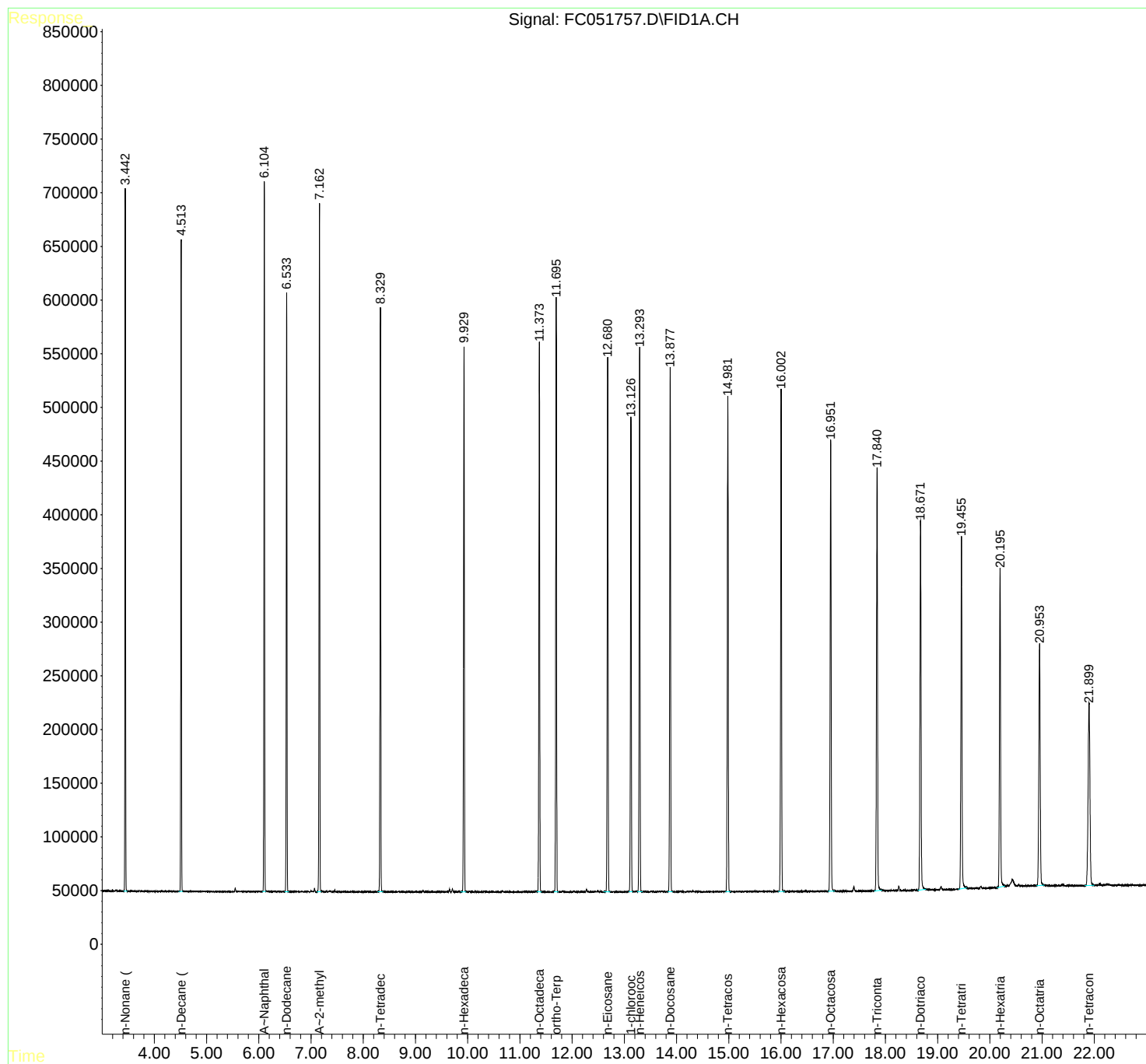
(m)=manual int.

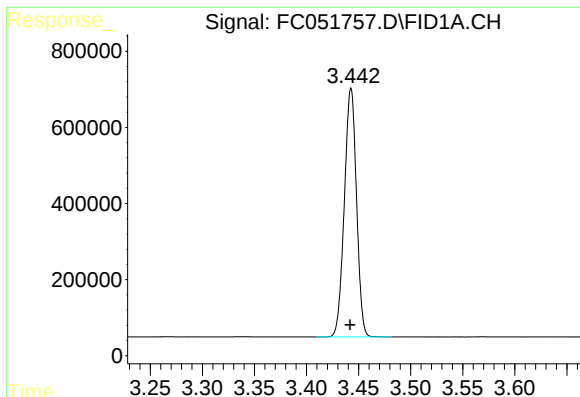
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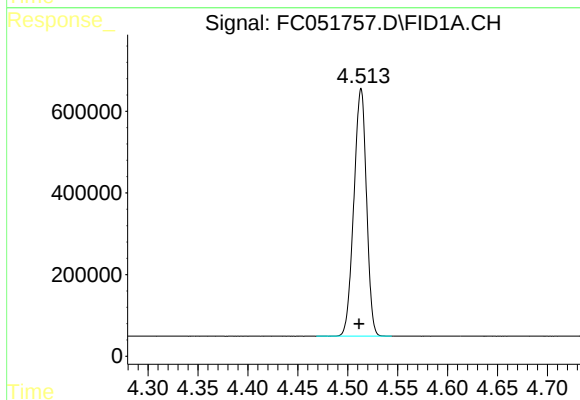




#1 n-Nonane (C9)

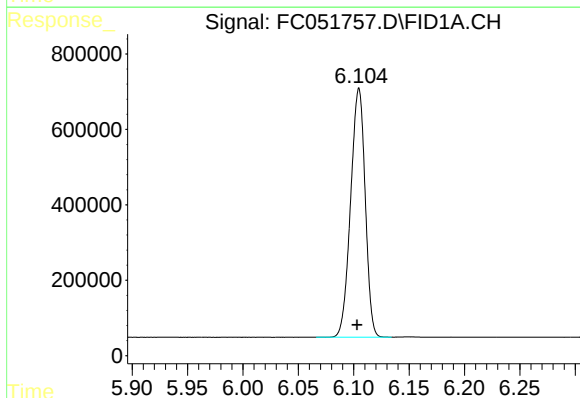
R.T.: 3.443 min
Delta R.T.: 0.000 min
Response: 5305764
Conc: 47.41 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



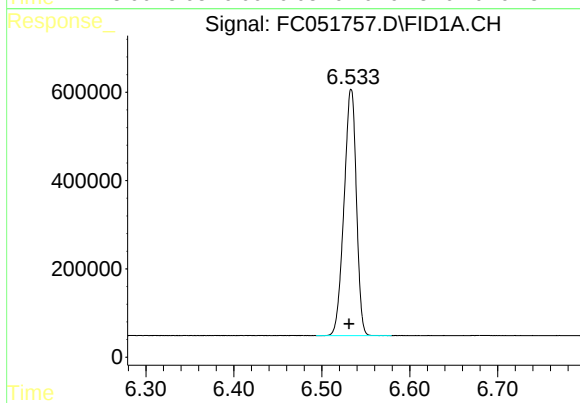
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.002 min
Response: 5345475
Conc: 47.43 ug/ml



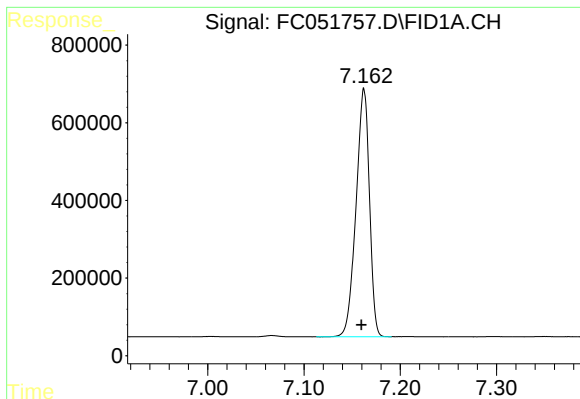
#3 A~Naphthalene (C11.7)

R.T.: 6.105 min
Delta R.T.: 0.002 min
Response: 6031537
Conc: 47.41 ug/ml



#4 n-Dodecane (C12)

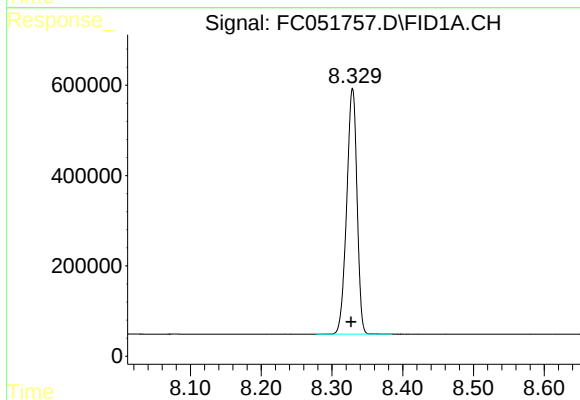
R.T.: 6.533 min
Delta R.T.: 0.002 min
Response: 5442997
Conc: 47.37 ug/ml



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

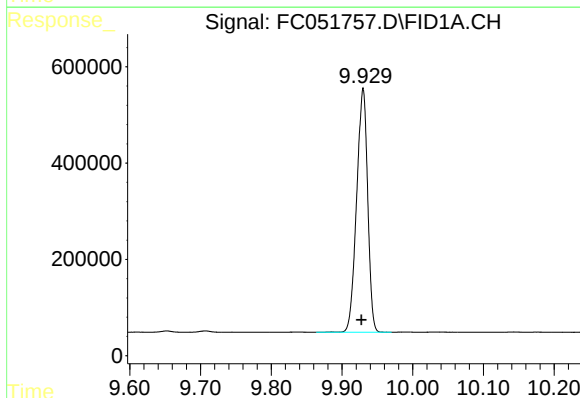
R.T.: 7.162 min
Delta R.T.: 0.003 min
Response: 6181505
Conc: 47.44 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



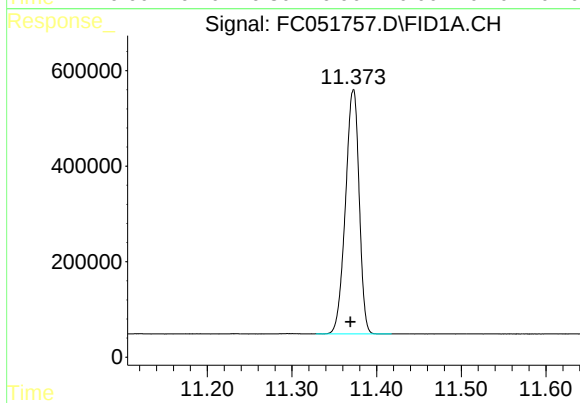
#6 n-Tetradecane (C14)

R.T.: 8.329 min
Delta R.T.: 0.002 min
Response: 5510839
Conc: 47.48 ug/ml



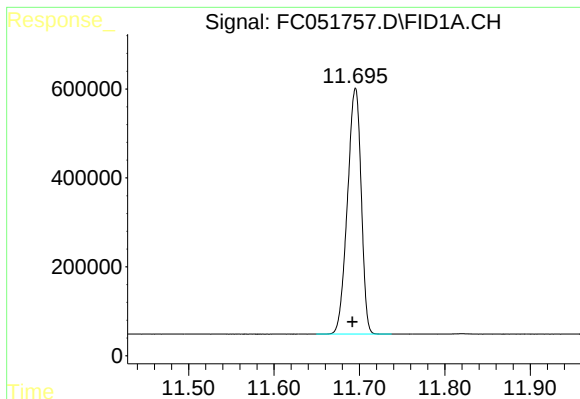
#7 n-Hexadecane (C16)

R.T.: 9.930 min
Delta R.T.: 0.003 min
Response: 5487702
Conc: 47.41 ug/ml



#8 n-Octadecane (C18)

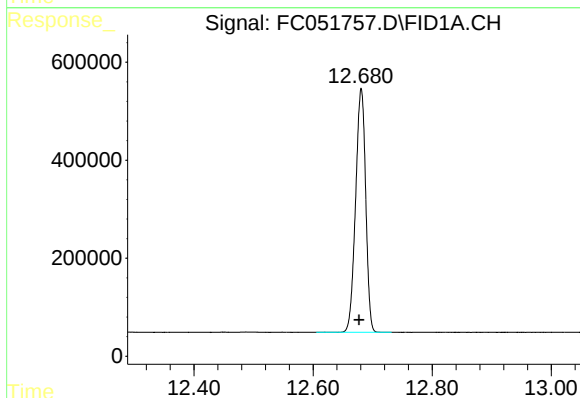
R.T.: 11.373 min
Delta R.T.: 0.004 min
Response: 5748685
Conc: 47.41 ug/ml



#9 ortho-Terphenyl (SURR)

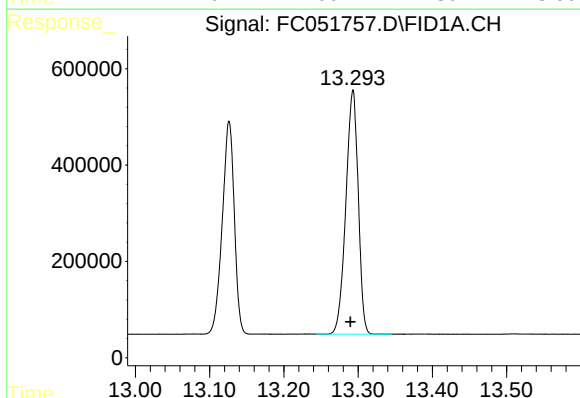
R.T.: 11.696 min
Delta R.T.: 0.004 min
Response: 6175936
Conc: 47.51 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



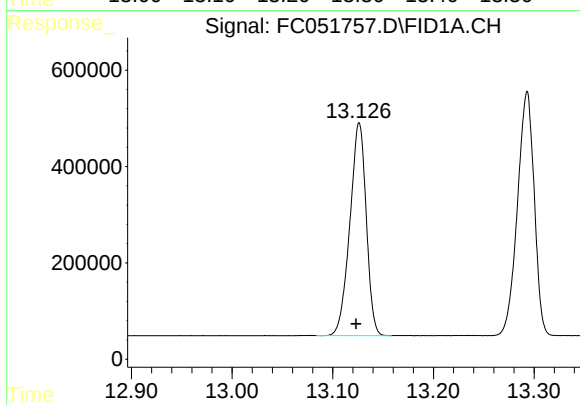
#10 n-Eicosane (C20)

R.T.: 12.681 min
Delta R.T.: 0.004 min
Response: 5843353
Conc: 47.49 ug/ml



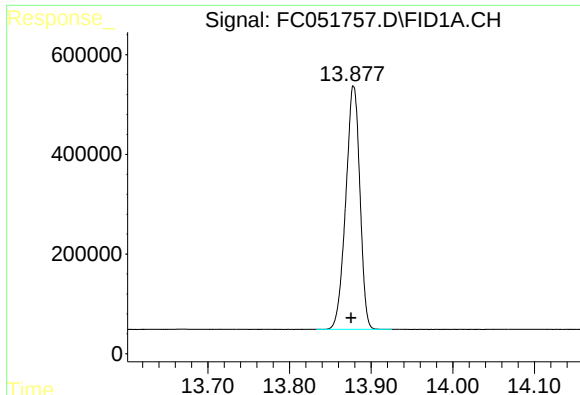
#11 n-Heneicosane (C21)

R.T.: 13.293 min
Delta R.T.: 0.004 min
Response: 5860198
Conc: 47.47 ug/ml



#12 1-chlorooctadecane (SURR)

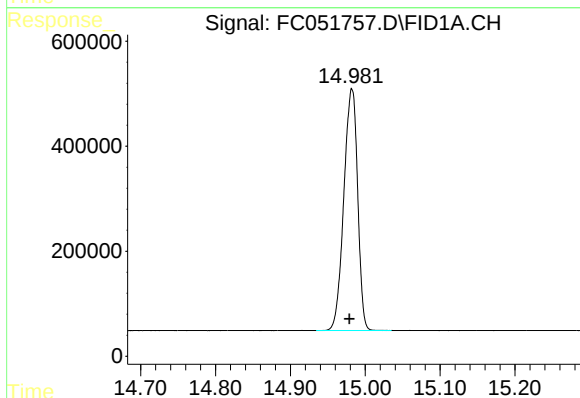
R.T.: 13.126 min
Delta R.T.: 0.003 min
Response: 4984721
Conc: 47.48 ug/ml



#13 n-Docosane (C22)

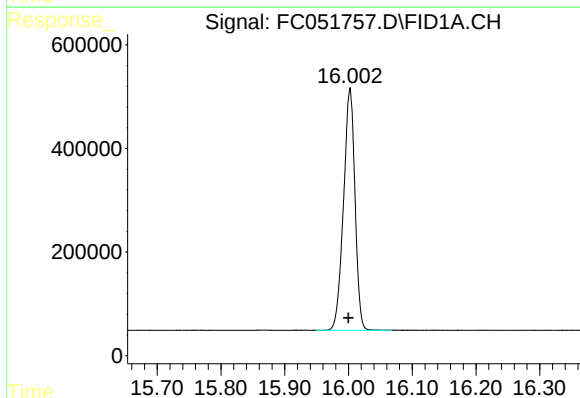
R.T.: 13.878 min
Delta R.T.: 0.003 min
Response: 5881037
Conc: 47.55 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



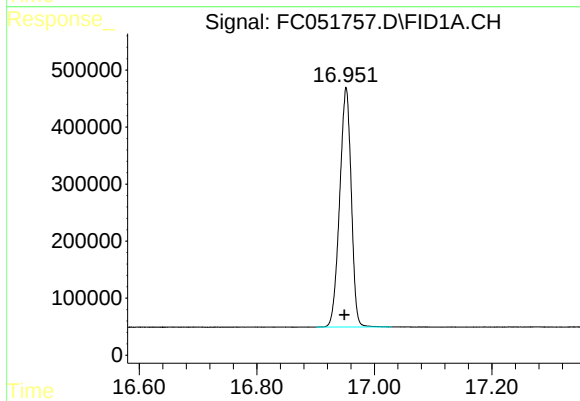
#14 n-Tetracosane (C24)

R.T.: 14.982 min
Delta R.T.: 0.003 min
Response: 5905085
Conc: 47.75 ug/ml



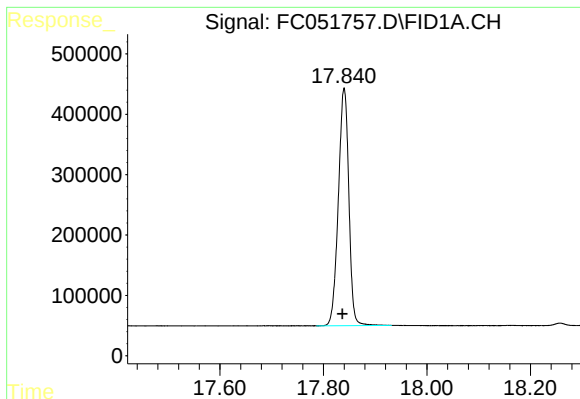
#15 n-Hexacosane (C26)

R.T.: 16.002 min
Delta R.T.: 0.002 min
Response: 5824242
Conc: 48.03 ug/ml



#16 n-Octacosane (C28)

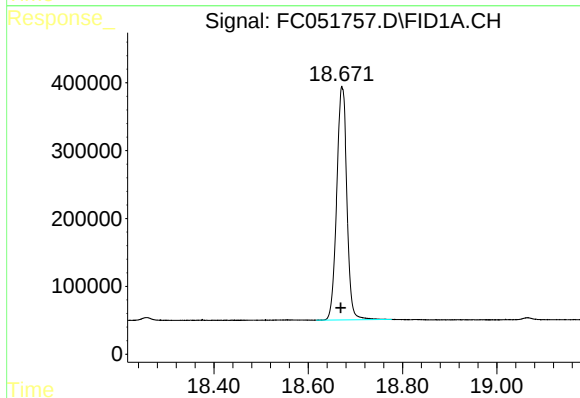
R.T.: 16.952 min
Delta R.T.: 0.003 min
Response: 5729617
Conc: 48.44 ug/ml



#17 n-Tricontane (C30)

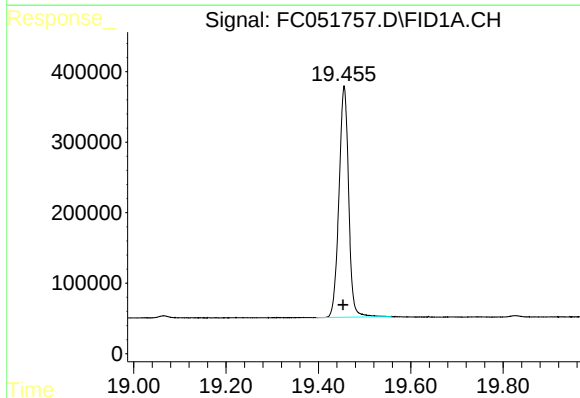
R.T.: 17.840 min
Delta R.T.: 0.003 min
Response: 5521902
Conc: 48.78 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



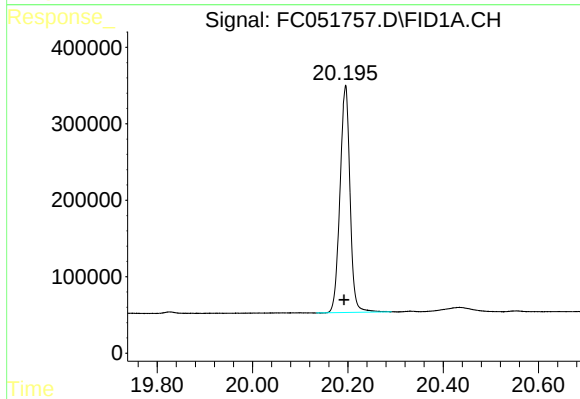
#18 n-Dotriacontane (C32)

R.T.: 18.672 min
Delta R.T.: 0.003 min
Response: 5129091
Conc: 49.33 ug/ml



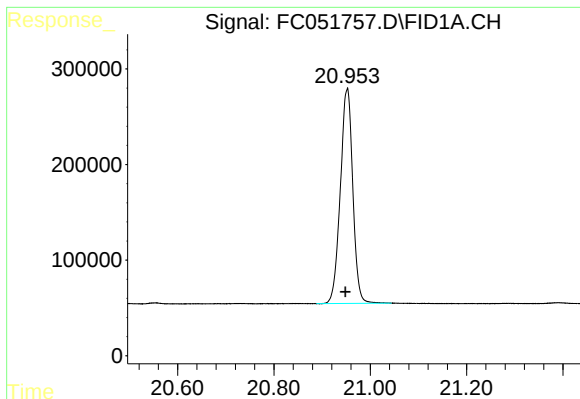
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min
Delta R.T.: 0.002 min
Response: 4755739
Conc: 49.92 ug/ml



#20 n-Hexatriacontane (C36)

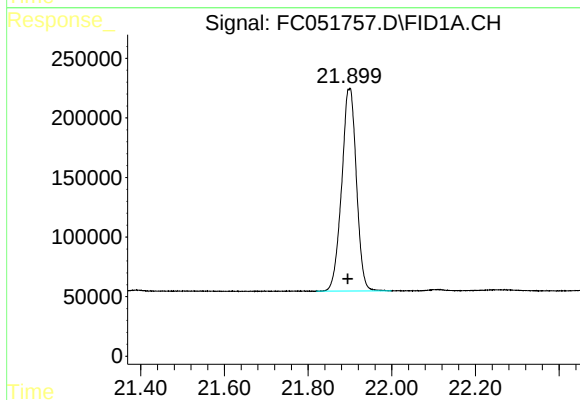
R.T.: 20.195 min
Delta R.T.: 0.004 min
Response: 4340042
Conc: 48.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.952 min
Delta R.T.: 0.004 min
Response: 4045168
Conc: 48.41 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: 0.005 min
Response: 4150826
Conc: 47.09 ug/ml