

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011020AL\
 Data File : FC045285.D
 Signal(s) : FID1A.CH
 Acq On : 11 Jan 2020 00:51
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 11 03:46:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 03:02:13 2019
 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)	11.761	2226341	19.630 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
12) S 1-chlorooctadecane (S...	13.183	1724703	19.343 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
Target Compounds			
1) T n-Nonane (C9)	3.513	2100578	20.861 ug/ml
2) T n-Decane (C10)	4.587	2137136	21.185 ug/ml
3) T A~Naphthalene (C11.7)	6.189	2364358	21.099 ug/ml
4) T n-Dodecane (C12)	6.605	2169975	21.319 ug/ml
5) T A~2-methylnaphthalene...	7.244	2372510	21.049 ug/ml
6) T n-Tetradecane (C14)	8.394	2179862	21.387 ug/ml
7) T n-Hexadecane (C16)	9.991	2180146	21.176 ug/ml
8) T n-Octadecane (C18)	11.430	2155696	20.728 ug/ml
10) T n-Eicosane (C20)	12.736	2103853	20.109 ug/ml
11) T n-Heneicosane (C21)	13.347	2071943	19.591 ug/ml
13) T n-Docosane (C22)	13.931	2049274	19.382 ug/ml
14) T n-Tetracosane (C24)	15.031	2022050	18.926 ug/ml
15) T n-Hexacosane (C26)	16.049	2023359	18.972 ug/ml
16) T n-Octacosane (C28)	16.999	2039234	19.309 ug/ml
17) T n-Tricontane (C30)	17.884	1979204	19.416 ug/ml
18) T n-Dotriacontane (C32)	18.713	1717184	19.849 ug/ml
19) T n-Tetratriacontane (C34)	19.494	1401075	19.125 ug/ml
20) T n-Hexatriacontane (C36)	20.230	1248786	19.002 ug/ml
21) T n-Octatriacontane (C38)	20.999	1186040	20.082 ug/ml
22) T n-Tetracontane (C40)	21.972	1072486	18.134 ug/ml

(f)=RT Delta > 1/2 Window

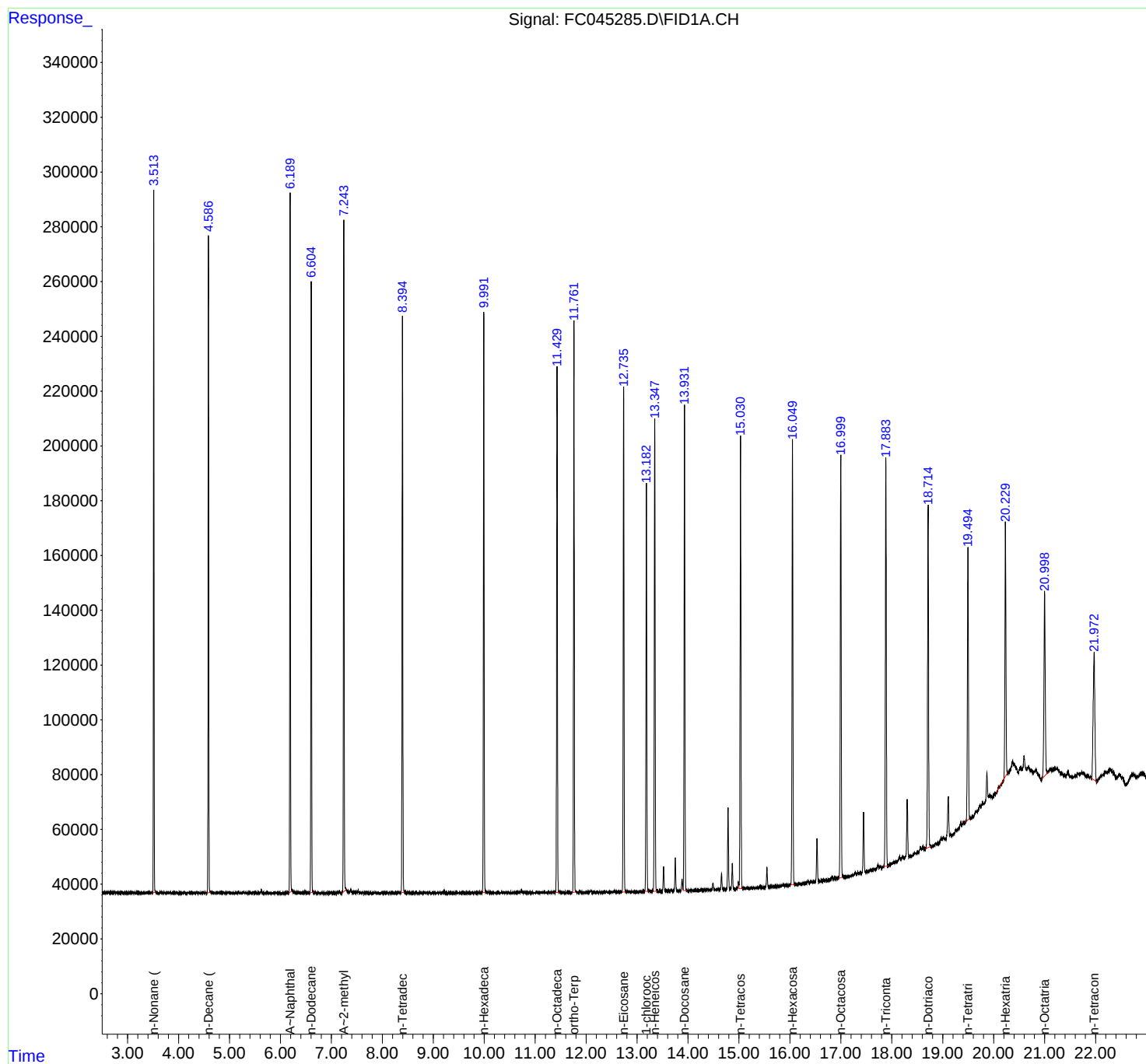
(m)=manual int.

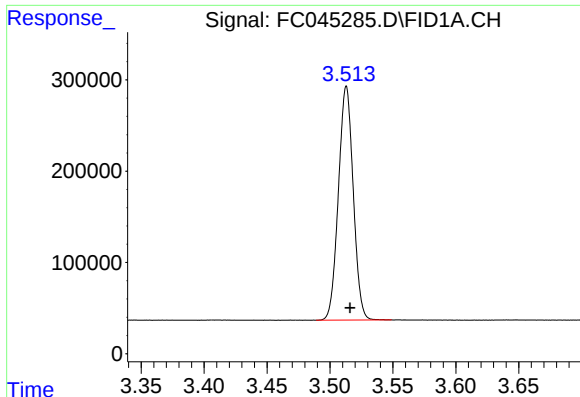
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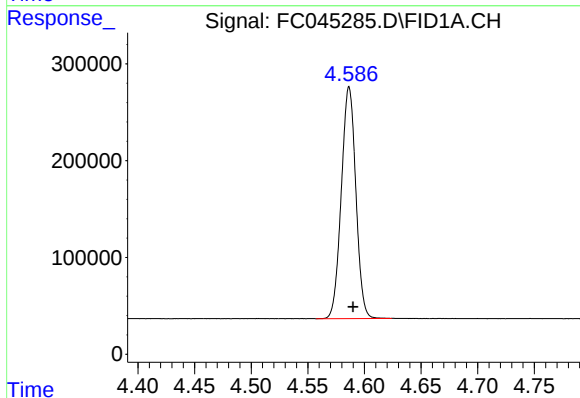




#1 n-Nonane (C9)

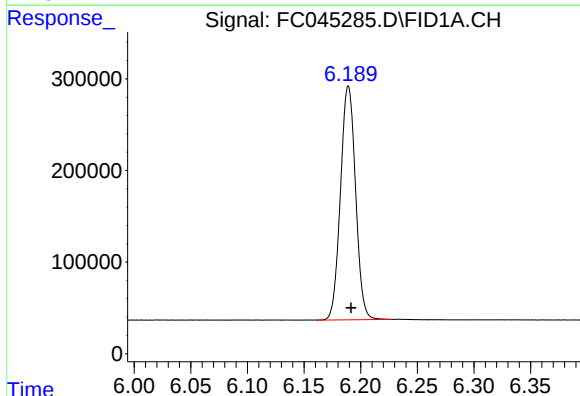
R.T.: 3.513 min
Delta R.T.: -0.003 min
Response: 2100578
Conc: 20.86 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



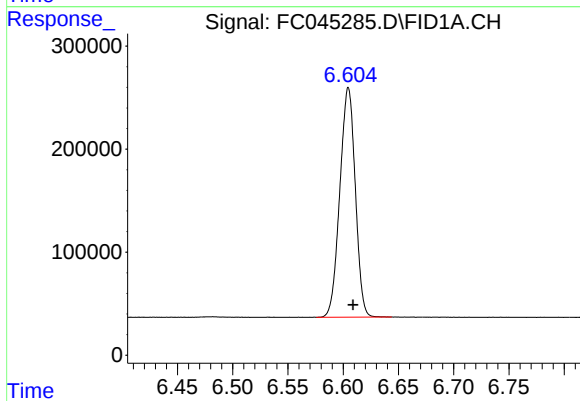
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 2137136
Conc: 21.18 ug/ml



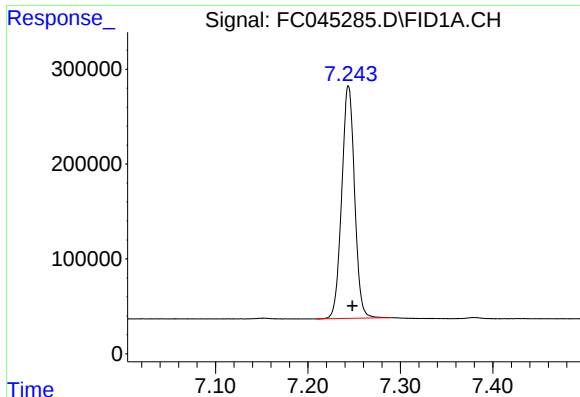
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.002 min
Response: 2364358
Conc: 21.10 ug/ml



#4 n-Dodecane (C12)

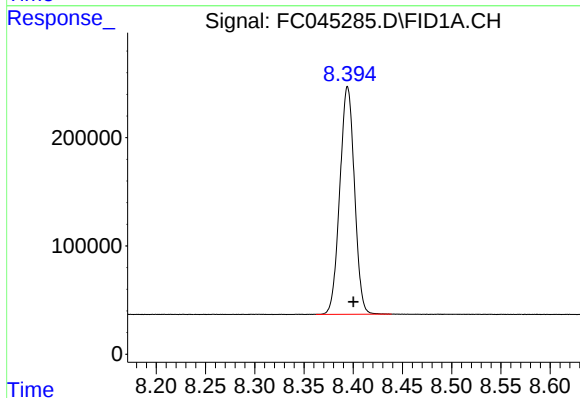
R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 2169975
Conc: 21.32 ug/ml



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

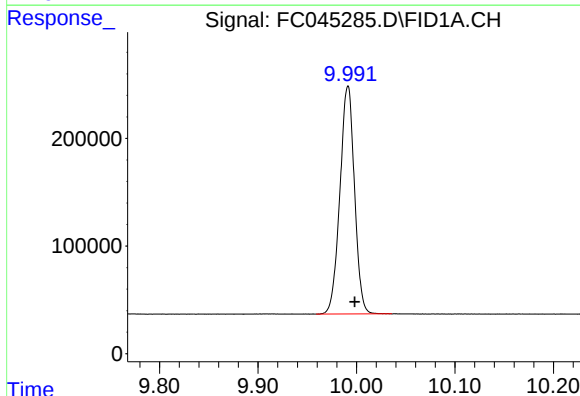
R.T.: 7.244 min
Delta R.T.: -0.004 min
Response: 2372510
Conc: 21.05 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



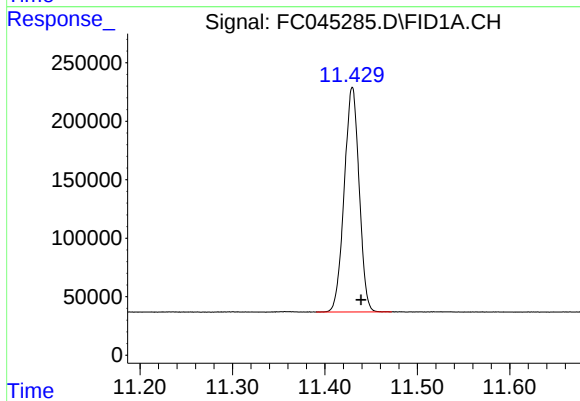
#6 n-Tetradecane (C14)

R.T.: 8.394 min
Delta R.T.: -0.006 min
Response: 2179862
Conc: 21.39 ug/ml



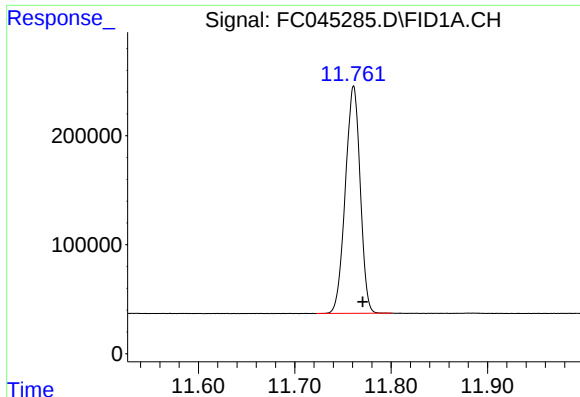
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: -0.007 min
Response: 2180146
Conc: 21.18 ug/ml



#8 n-Octadecane (C18)

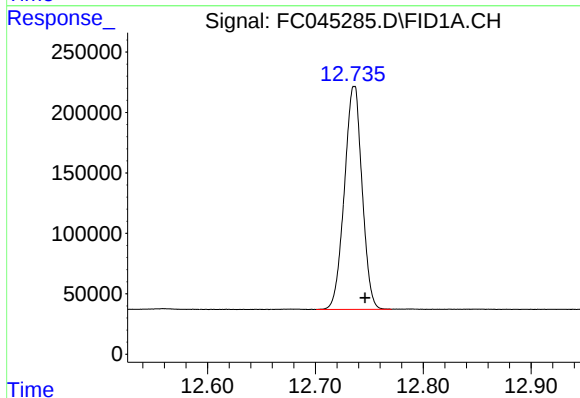
R.T.: 11.430 min
Delta R.T.: -0.009 min
Response: 2155696
Conc: 20.73 ug/ml



#9 ortho-Terphenyl (SURR)

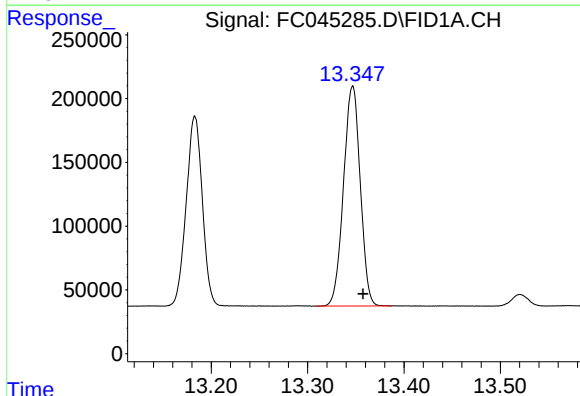
R.T.: 11.761 min
Delta R.T.: -0.009 min
Response: 2226341
Conc: 19.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



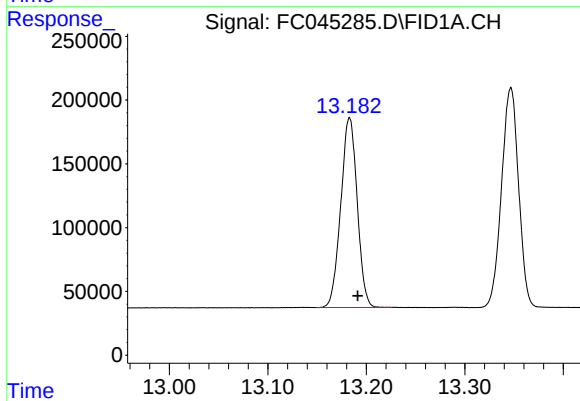
#10 n-Eicosane (C20)

R.T.: 12.736 min
Delta R.T.: -0.010 min
Response: 2103853
Conc: 20.11 ug/ml



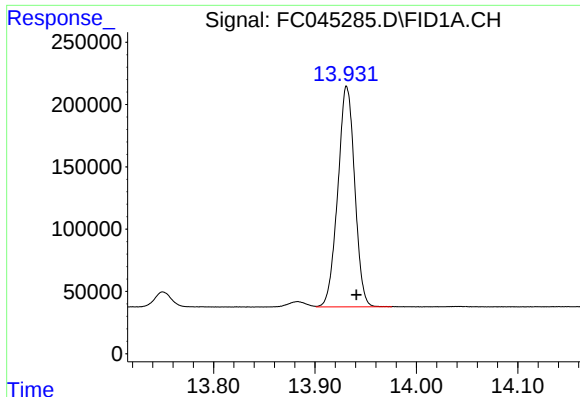
#11 n-Heneicosane (C21)

R.T.: 13.347 min
Delta R.T.: -0.011 min
Response: 2071943
Conc: 19.59 ug/ml



#12 1-chlorooctadecane (SURR)

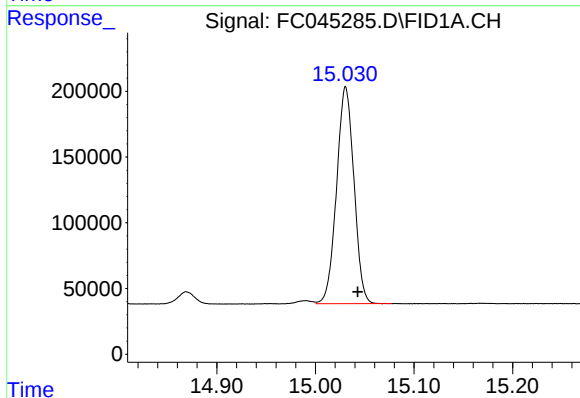
R.T.: 13.183 min
Delta R.T.: -0.008 min
Response: 1724703
Conc: 19.34 ug/ml



#13 n-Docosane (C22)

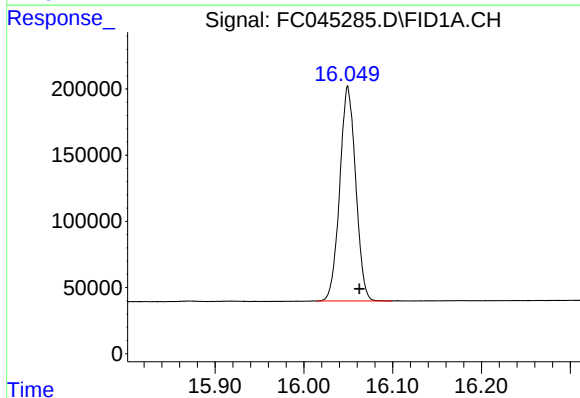
R.T.: 13.931 min
Delta R.T.: -0.009 min
Response: 2049274
Conc: 19.38 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



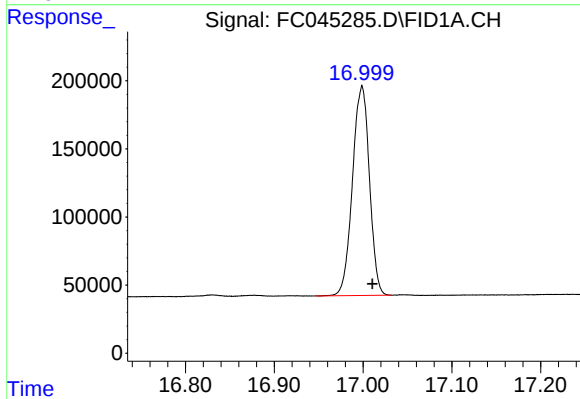
#14 n-Tetracosane (C24)

R.T.: 15.031 min
Delta R.T.: -0.012 min
Response: 2022050
Conc: 18.93 ug/ml



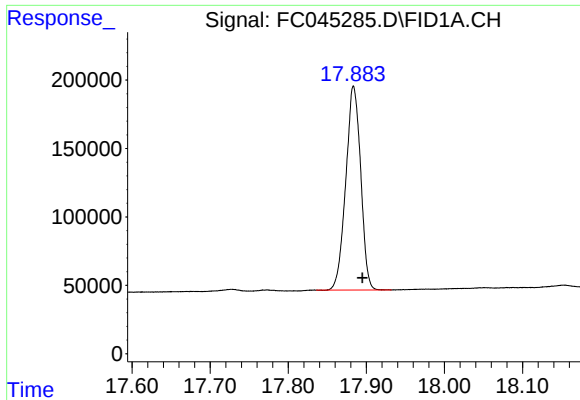
#15 n-Hexacosane (C26)

R.T.: 16.049 min
Delta R.T.: -0.013 min
Response: 2023359
Conc: 18.97 ug/ml



#16 n-Octacosane (C28)

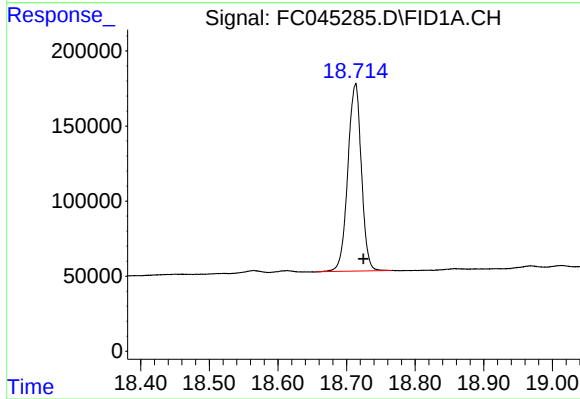
R.T.: 16.999 min
Delta R.T.: -0.012 min
Response: 2039234
Conc: 19.31 ug/ml



#17 n-Tricontane (C30)

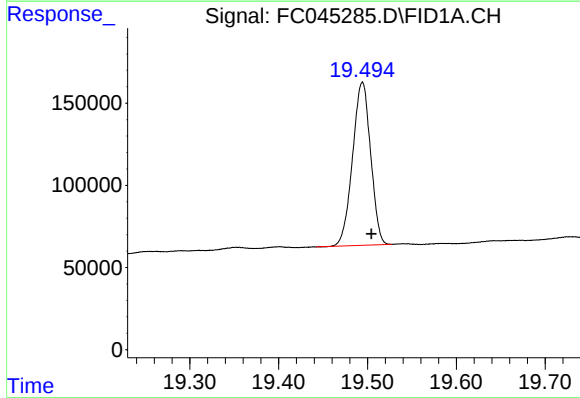
R.T.: 17.884 min
Delta R.T.: -0.011 min
Response: 1979204
Conc: 19.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



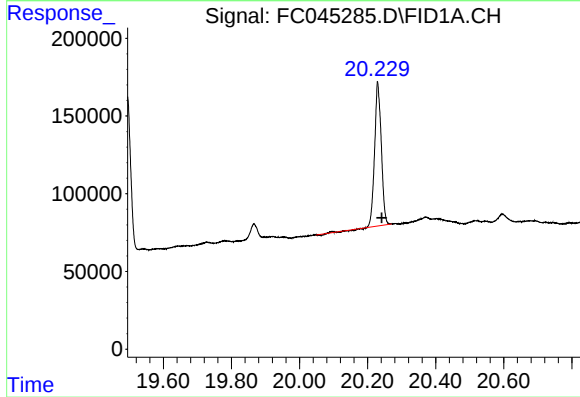
#18 n-Dotriacontane (C32)

R.T.: 18.713 min
Delta R.T.: -0.011 min
Response: 1717184
Conc: 19.85 ug/ml



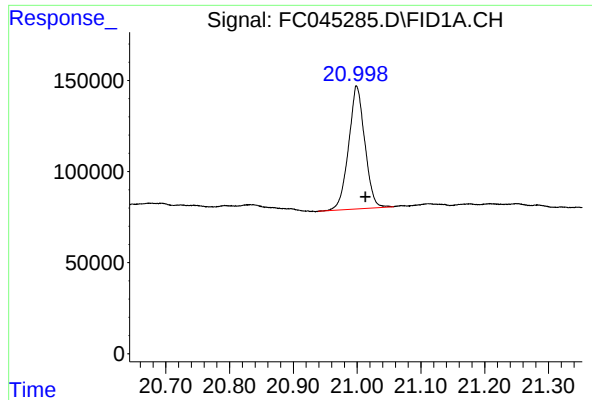
#19 n-Tetratriacontane (C34)

R.T.: 19.494 min
Delta R.T.: -0.010 min
Response: 1401075
Conc: 19.13 ug/ml



#20 n-Hexatriacontane (C36)

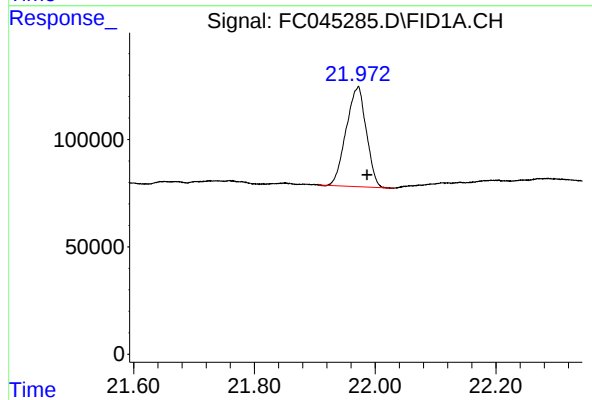
R.T.: 20.230 min
Delta R.T.: -0.012 min
Response: 1248786
Conc: 19.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.999 min
Delta R.T.: -0.014 min
Response: 1186040
Conc: 20.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: -0.015 min
Response: 1072486
Conc: 18.13 ug/ml