

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083019AL\
 Data File : FC043253.D
 Signal(s) : FID1A.CH
 Acq On : 31 Aug 2019 6:23
 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: Aug 31 07:19:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 28 04:05:56 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)	11.619	2778896	19.409 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
12) S 1-chlorooctadecane (S...	13.042	2082299	19.060 ug/ml
Spiked Amount 50.000		Recovery =	38.12%
Target Compounds			
1) T n-Nonane (C9)	3.452	2555949	21.460 ug/ml
2) T n-Decane (C10)	4.509	2622314	22.053 ug/ml
3) T A-Naphthalene (C11.7)	6.088	2709968	22.216 ug/ml
4) T n-Dodecane (C12)	6.505	2683048	21.931 ug/ml
5) T A~2-methylnaphthalene...	7.135	2734068	22.273 ug/ml
6) T n-Tetradecane (C14)	8.282	2655992	21.486 ug/ml
7) T n-Hexadecane (C16)	9.869	2623114	21.040 ug/ml
8) T n-Octadecane (C18)	11.299	2578939	20.275 ug/ml
10) T n-Eicosane (C20)	12.598	2517155	19.607 ug/ml
11) T n-Heneicosane (C21)	13.206	2490087	19.227 ug/ml
13) T n-Docosane (C22)	13.789	2446901	19.048 ug/ml
14) T n-Tetracosane (C24)	14.885	2416807	18.864 ug/ml
15) T n-Hexacosane (C26)	15.900	2371207	18.827 ug/ml
16) T n-Octacosane (C28)	16.844	2362330	19.239 ug/ml
17) T n-Tricontane (C30)	17.726	2388748	19.806 ug/ml
18) T n-Dotriacontane (C32)	18.555	2342767	20.538 ug/ml
19) T n-Tetratriacontane (C34)	19.335	2251951	20.930 ug/ml
20) T n-Hexatriacontane (C36)	20.073	2172244	20.632 ug/ml
21) T n-Octatriacontane (C38)	20.801	2121314	22.674 ug/ml
22) T n-Tetracontane (C40)	21.703	2146409	22.216 ug/ml

(f)=RT Delta > 1/2 Window

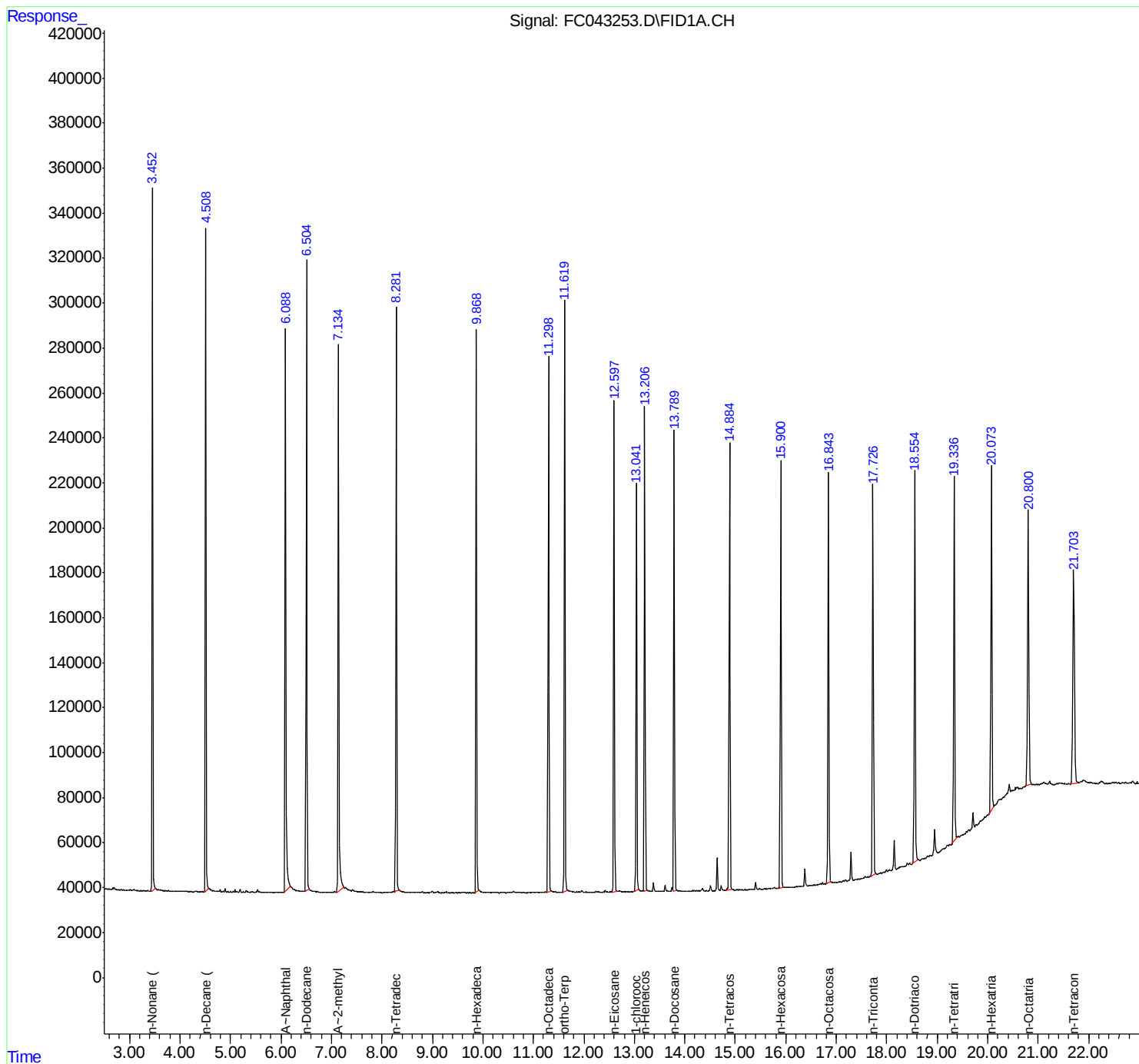
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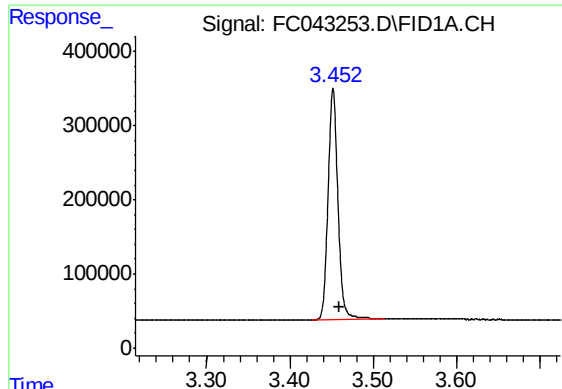
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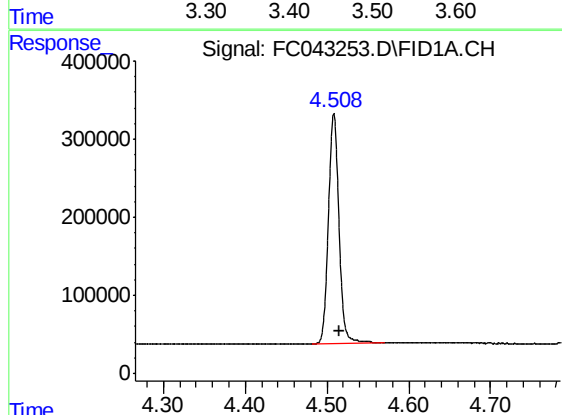




#1 n-Nonane (C9)

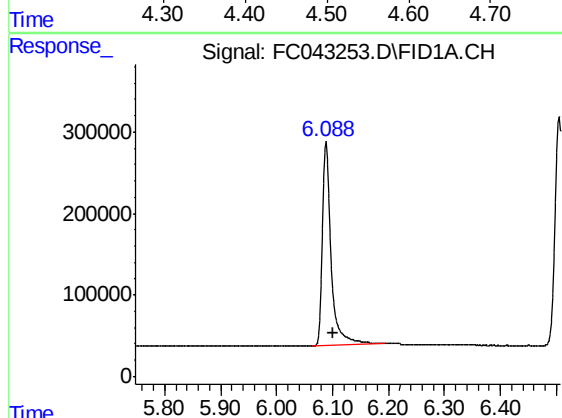
R.T.: 3.452 min
Delta R.T.: -0.007 min
Response: 2555949
Conc: 21.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



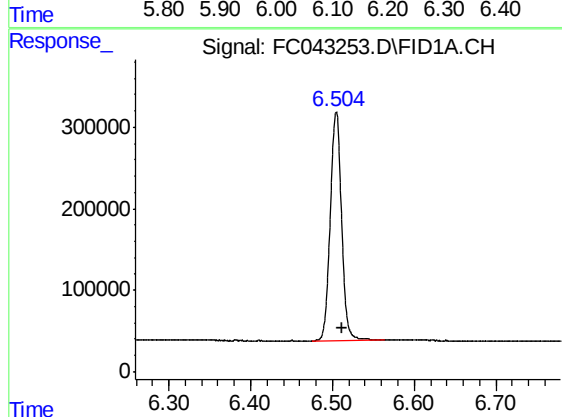
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: -0.007 min
Response: 2622314
Conc: 22.05 ug/ml



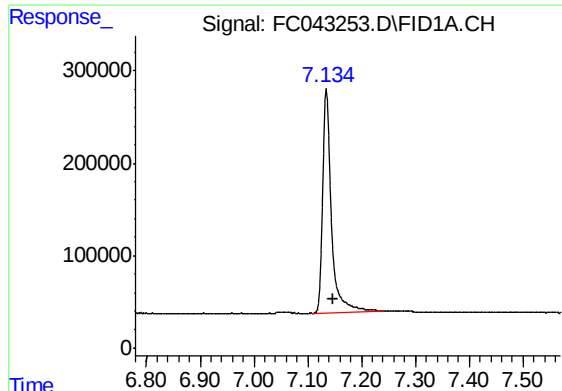
#3 A~Naphthalene (C11.7)

R.T.: 6.088 min
Delta R.T.: -0.013 min
Response: 2709968
Conc: 22.22 ug/ml



#4 n-Dodecane (C12)

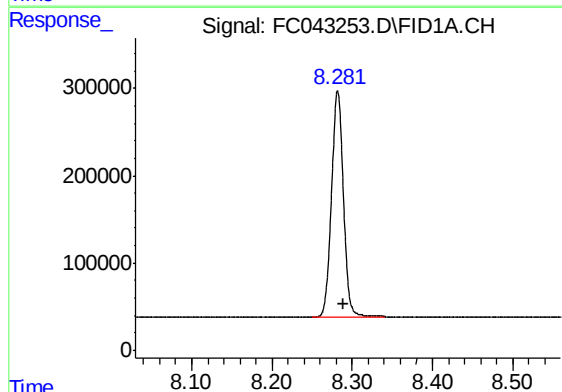
R.T.: 6.505 min
Delta R.T.: -0.007 min
Response: 2683048
Conc: 21.93 ug/ml



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

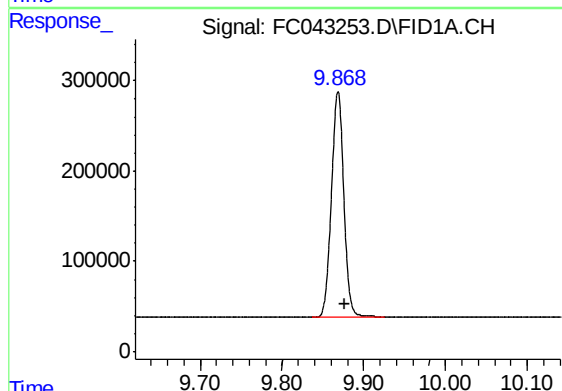
R.T.: 7.135 min
Delta R.T.: -0.013 min
Response: 2734068
Conc: 22.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



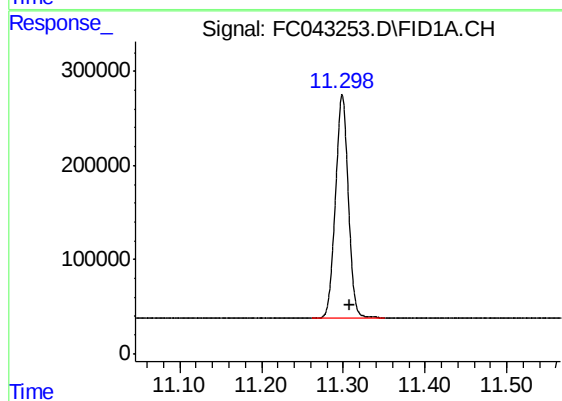
#6 n-Tetradecane (C14)

R.T.: 8.282 min
Delta R.T.: -0.008 min
Response: 2655992
Conc: 21.49 ug/ml



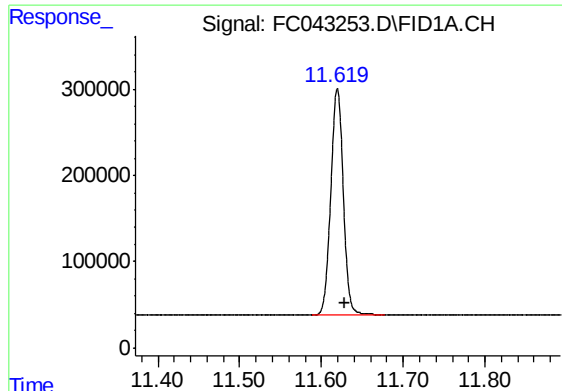
#7 n-Hexadecane (C16)

R.T.: 9.869 min
Delta R.T.: -0.008 min
Response: 2623114
Conc: 21.04 ug/ml



#8 n-Octadecane (C18)

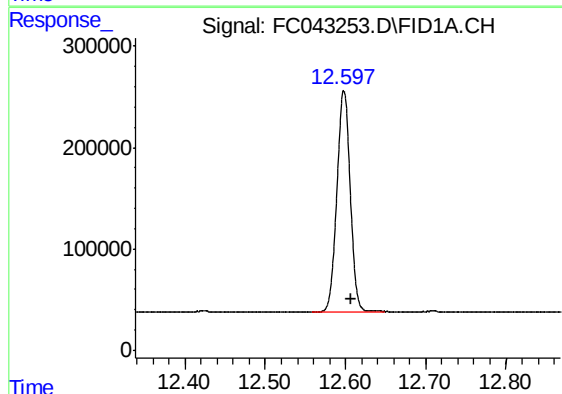
R.T.: 11.299 min
Delta R.T.: -0.009 min
Response: 2578939
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

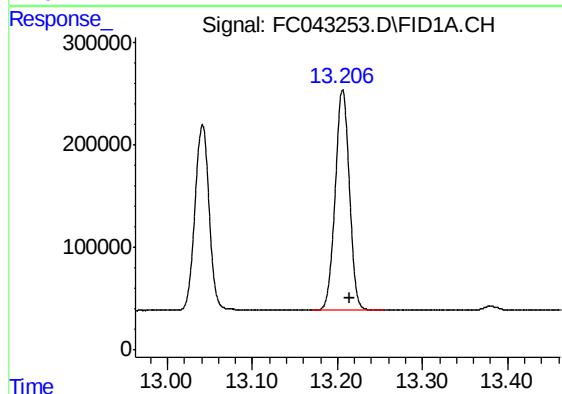
R.T.: 11.619 min
Delta R.T.: -0.009 min
Response: 2778896
Conc: 19.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



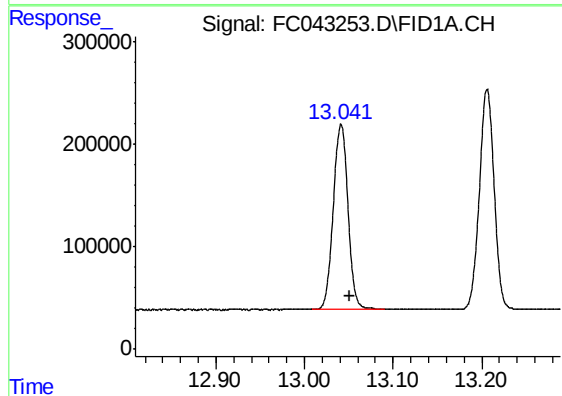
#10 n-Eicosane (C20)

R.T.: 12.598 min
Delta R.T.: -0.009 min
Response: 2517155
Conc: 19.61 ug/ml



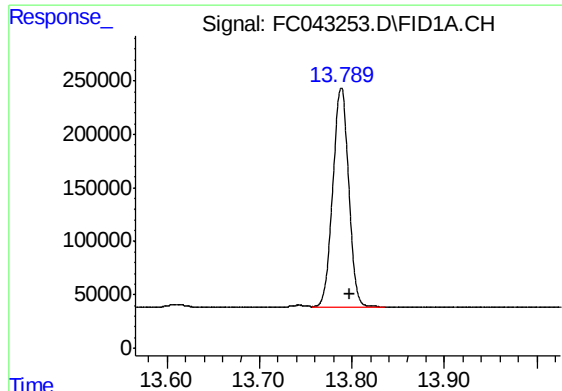
#11 n-Heneicosane (C21)

R.T.: 13.206 min
Delta R.T.: -0.009 min
Response: 2490087
Conc: 19.23 ug/ml



#12 1-chlorooctadecane (SURR)

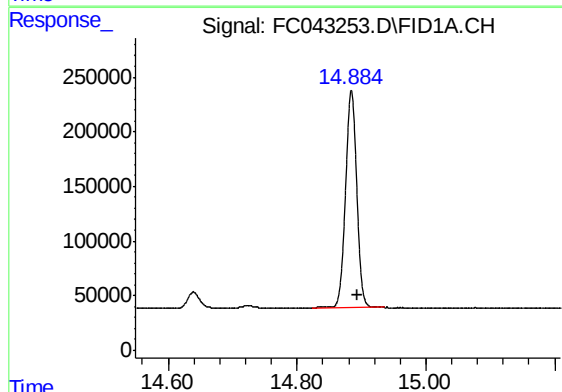
R.T.: 13.042 min
Delta R.T.: -0.010 min
Response: 2082299
Conc: 19.06 ug/ml



#13 n-Docosane (C22)

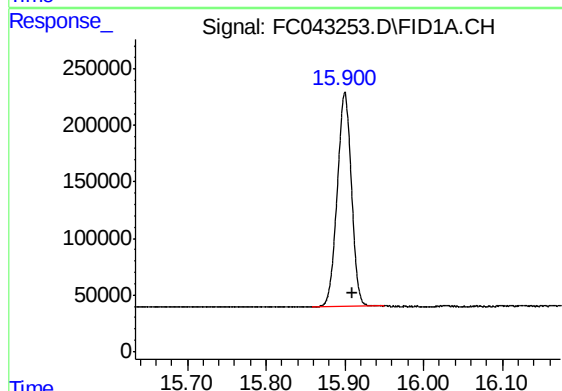
R.T.: 13.789 min
Delta R.T.: -0.009 min
Response: 2446901
Conc: 19.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



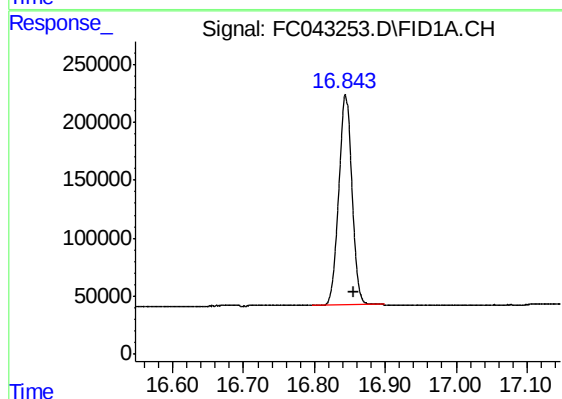
#14 n-Tetracosane (C24)

R.T.: 14.885 min
Delta R.T.: -0.010 min
Response: 2416807
Conc: 18.86 ug/ml



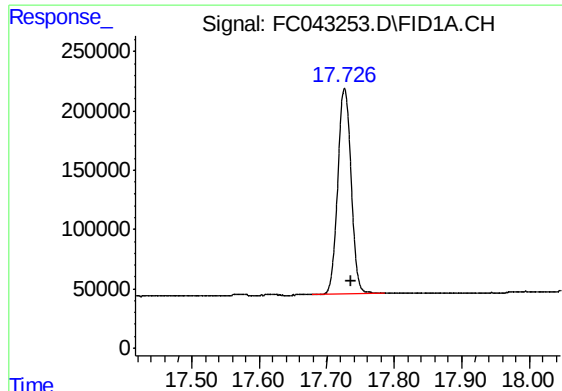
#15 n-Hexacosane (C26)

R.T.: 15.900 min
Delta R.T.: -0.009 min
Response: 2371207
Conc: 18.83 ug/ml



#16 n-Octacosane (C28)

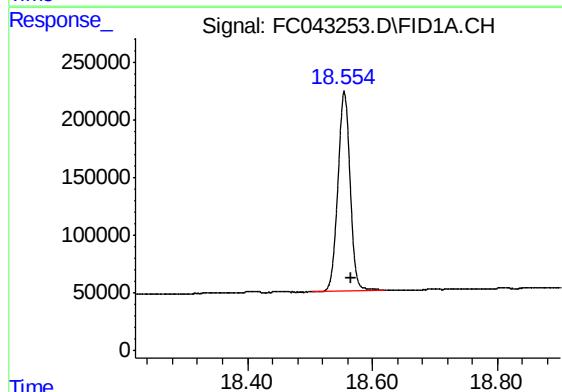
R.T.: 16.844 min
Delta R.T.: -0.011 min
Response: 2362330
Conc: 19.24 ug/ml



#17 n-Tricontane (C30)

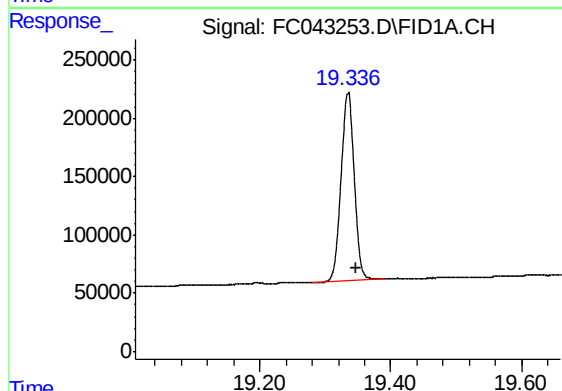
R.T.: 17.726 min
Delta R.T.: -0.010 min
Response: 2388748
Conc: 19.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



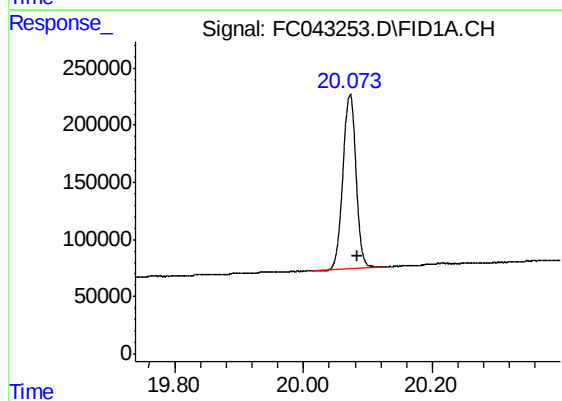
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: -0.011 min
Response: 2342767
Conc: 20.54 ug/ml



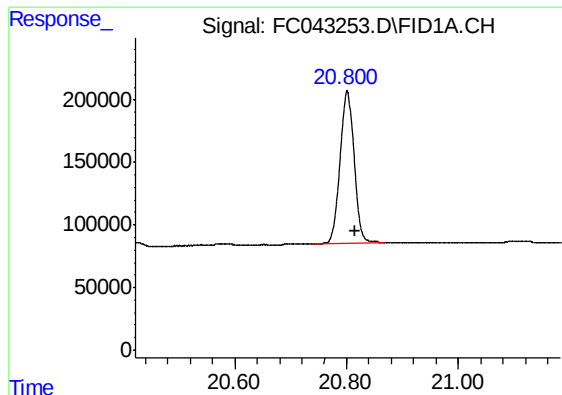
#19 n-Tetatriacontane (C34)

R.T.: 19.335 min
Delta R.T.: -0.011 min
Response: 2251951
Conc: 20.93 ug/ml



#20 n-Hexatriacontane (C36)

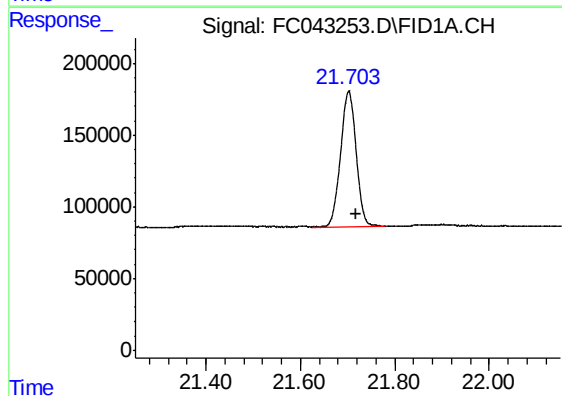
R.T.: 20.073 min
Delta R.T.: -0.011 min
Response: 2172244
Conc: 20.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: -0.014 min
Response: 2121314
Conc: 22.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.703 min
Delta R.T.: -0.017 min
Response: 2146409
Conc: 22.22 ug/ml