

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092120AL\
 Data File : FC049679.D
 Signal(s) : FID1A.CH
 Acq On : 22 Sep 2020 3:24
 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: sample.E
 Quant Time: Sep 22 03:52:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.662	2063415	17.959 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
12) S 1-chlorooctadecane (S...	13.095	1582569	17.767 ug/ml
Spiked Amount 50.000		Recovery =	35.53%
Target Compounds			
1) T n-Nonane (C9)	3.399	2079196	20.098 ug/ml
2) T n-Decane (C10)	4.472	2086684	20.090 ug/ml
3) T A~Naphthalene (C11.7)	6.070	2265593	19.705 ug/ml
4) T n-Dodecane (C12)	6.496	2097262	19.841 ug/ml
5) T A~2-methylnaphthalene...	7.129	2271339	19.427 ug/ml
6) T n-Tetradecane (C14)	8.294	2049107	19.424 ug/ml
7) T n-Hexadecane (C16)	9.897	1962253	18.855 ug/ml
8) T n-Octadecane (C18)	11.339	1984209	18.463 ug/ml
10) T n-Eicosane (C20)	12.649	1934257	18.064 ug/ml
11) T n-Heneicosane (C21)	13.261	1902381	17.877 ug/ml
13) T n-Docosane (C22)	13.847	1878198	17.749 ug/ml
14) T n-Tetracosane (C24)	14.950	1838713	17.571 ug/ml
15) T n-Hexacosane (C26)	15.969	1806891	17.675 ug/ml
16) T n-Octacosane (C28)	16.919	1817681	18.086 ug/ml
17) T n-Tricontane (C30)	17.806	1803007	18.518 ug/ml
18) T n-Dotriacontane (C32)	18.635	1725169	19.092 ug/ml
19) T n-Tetratriacontane (C34)	19.419	1666756	19.471 ug/ml
20) T n-Hexatriacontane (C36)	20.157	1612627	20.016 ug/ml
21) T n-Octatriacontane (C38)	20.909	1590628	21.011 ug/ml
22) T n-Tetracontane (C40)	21.850	1591332	20.451 ug/ml

(f)=RT Delta > 1/2 Window

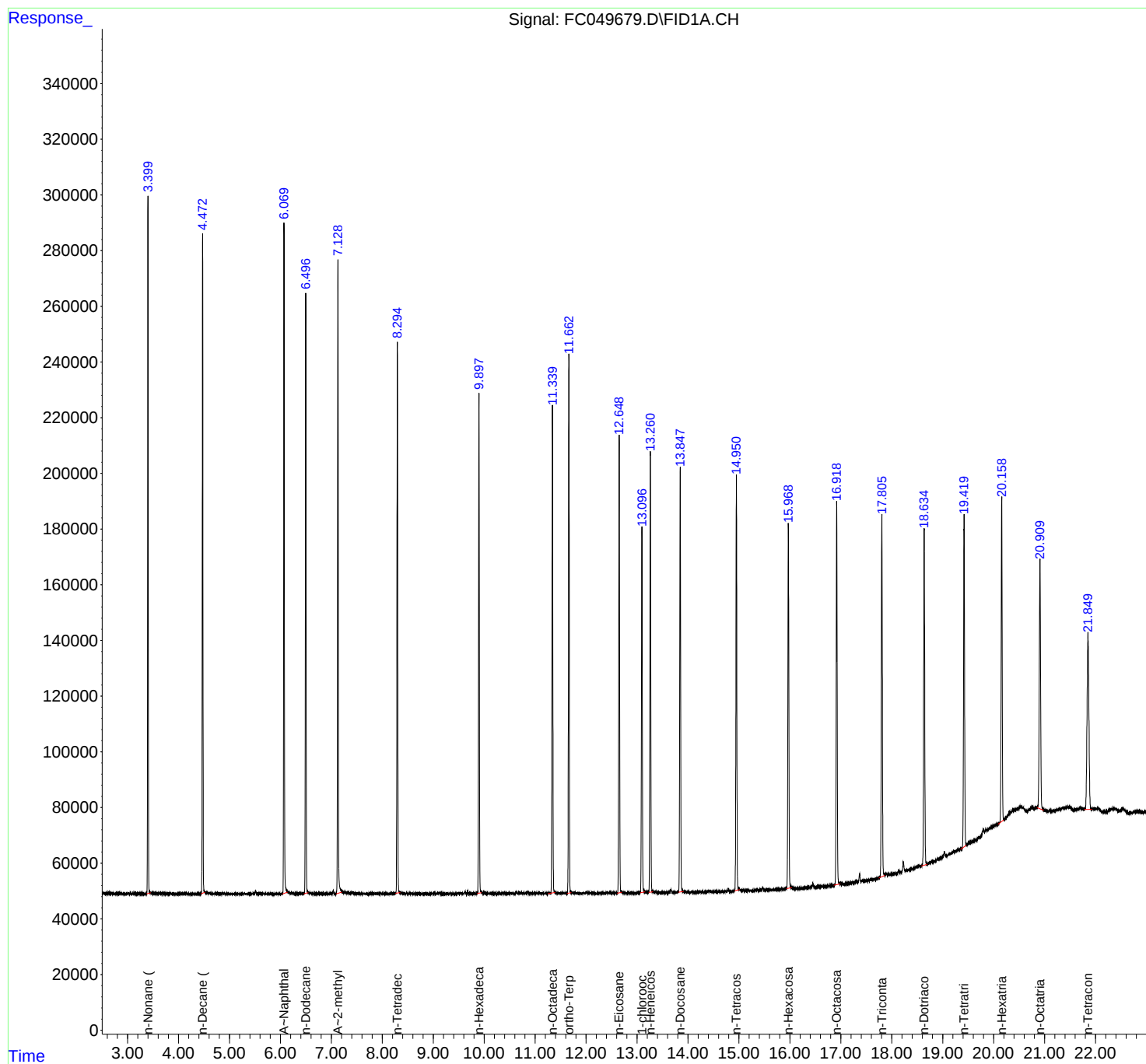
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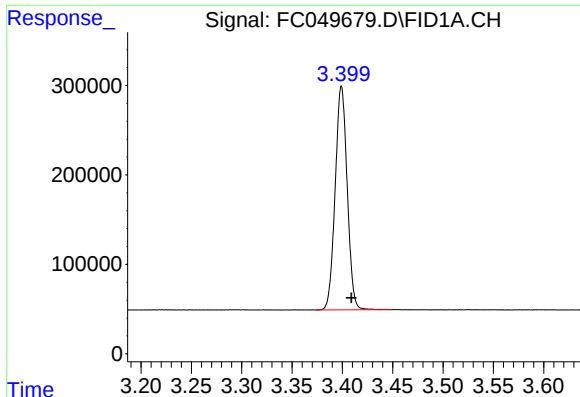
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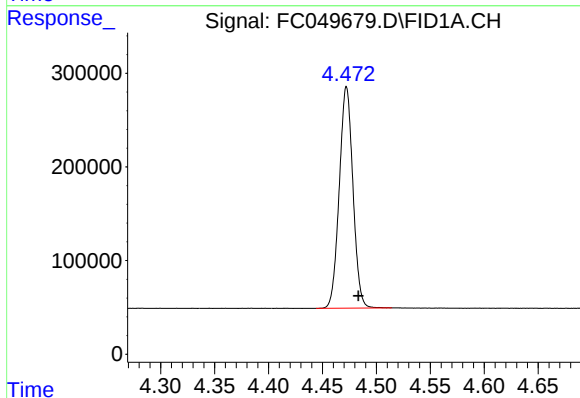




#1 n-Nonane (C9)

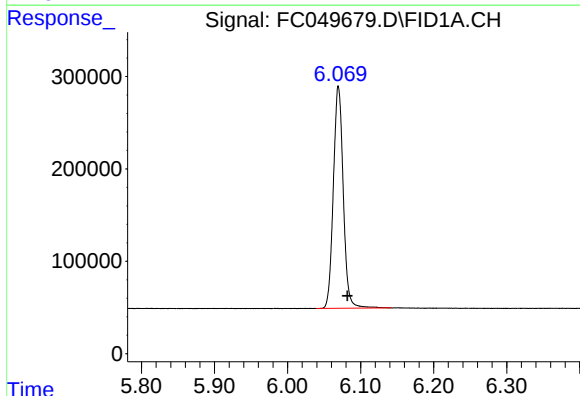
R.T.: 3.399 min
Delta R.T.: -0.010 min
Response: 2079196
Conc: 20.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



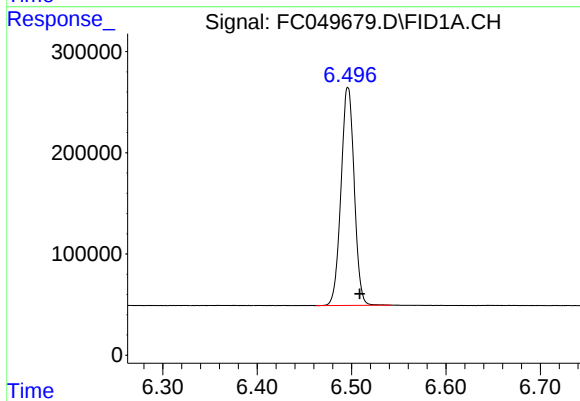
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: -0.011 min
Response: 2086684
Conc: 20.09 ug/ml



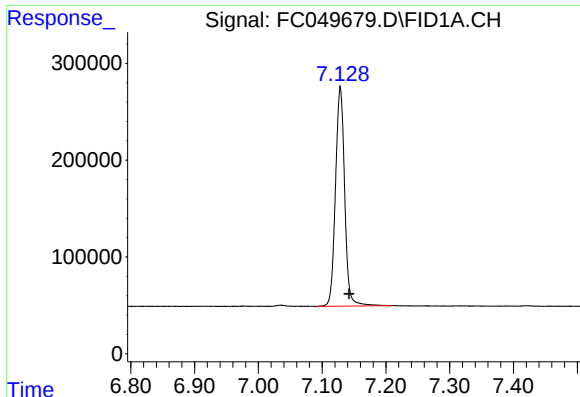
#3 A~Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: -0.012 min
Response: 2265593
Conc: 19.70 ug/ml



#4 n-Dodecane (C12)

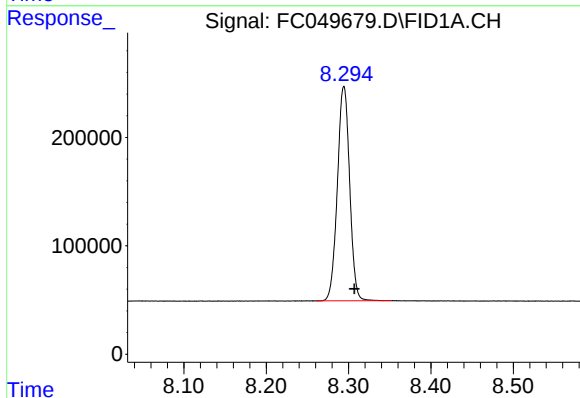
R.T.: 6.496 min
Delta R.T.: -0.013 min
Response: 2097262
Conc: 19.84 ug/ml



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

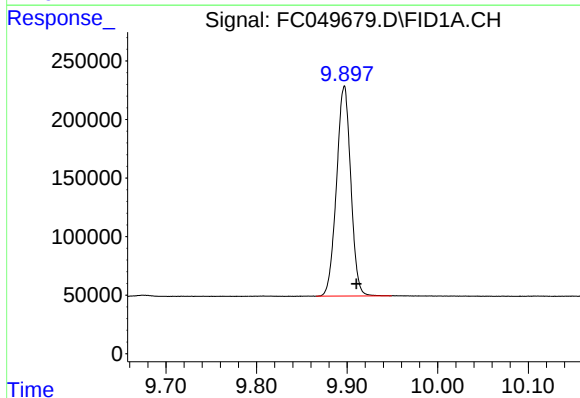
R.T.: 7.129 min
Delta R.T.: -0.014 min
Response: 2271339
Conc: 19.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



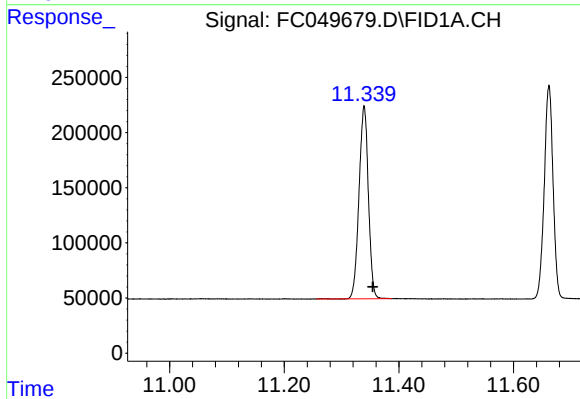
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: -0.013 min
Response: 2049107
Conc: 19.42 ug/ml



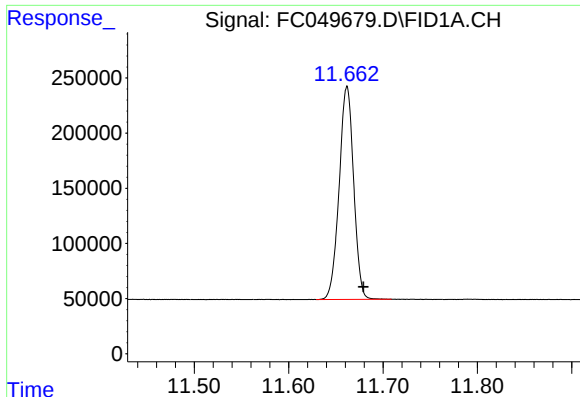
#7 n-Hexadecane (C16)

R.T.: 9.897 min
Delta R.T.: -0.013 min
Response: 1962253
Conc: 18.86 ug/ml



#8 n-Octadecane (C18)

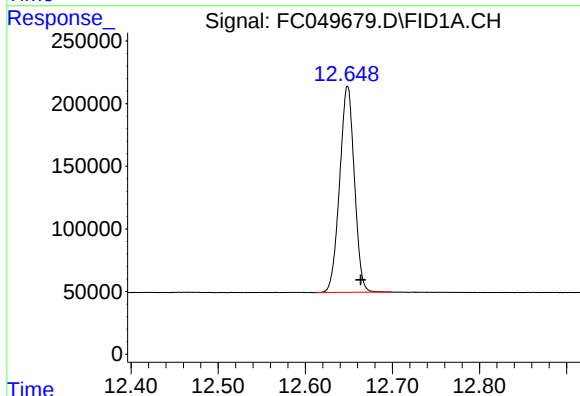
R.T.: 11.339 min
Delta R.T.: -0.015 min
Response: 1984209
Conc: 18.46 ug/ml



#9 ortho-Terphenyl (SURR)

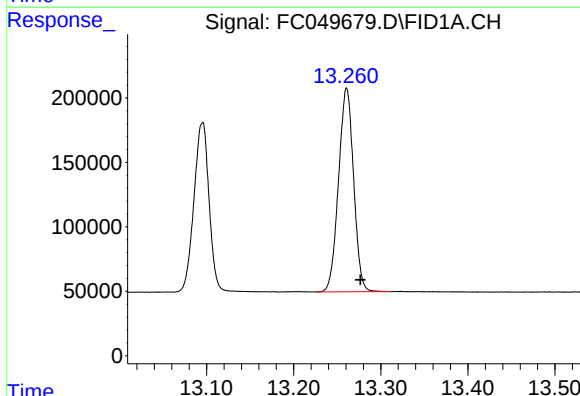
R.T.: 11.662 min
Delta R.T.: -0.017 min
Response: 2063415
Conc: 17.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



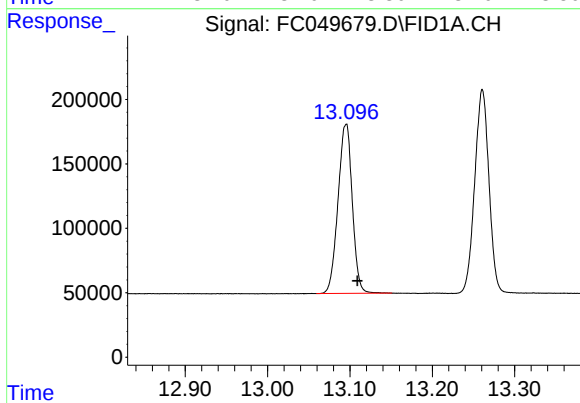
#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: -0.015 min
Response: 1934257
Conc: 18.06 ug/ml



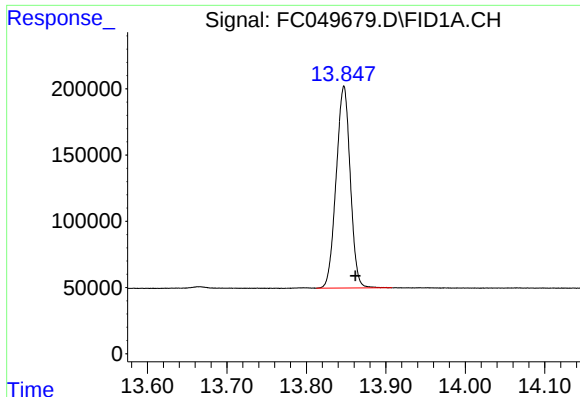
#11 n-Heneicosane (C21)

R.T.: 13.261 min
Delta R.T.: -0.016 min
Response: 1902381
Conc: 17.88 ug/ml



#12 1-chlorooctadecane (SURR)

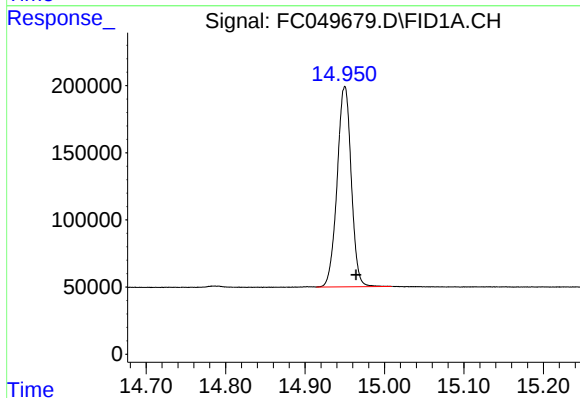
R.T.: 13.095 min
Delta R.T.: -0.014 min
Response: 1582569
Conc: 17.77 ug/ml



#13 n-Docosane (C22)

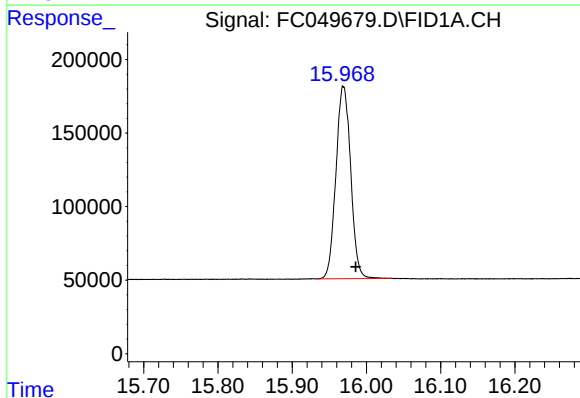
R.T.: 13.847 min
Delta R.T.: -0.015 min
Response: 1878198
Conc: 17.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



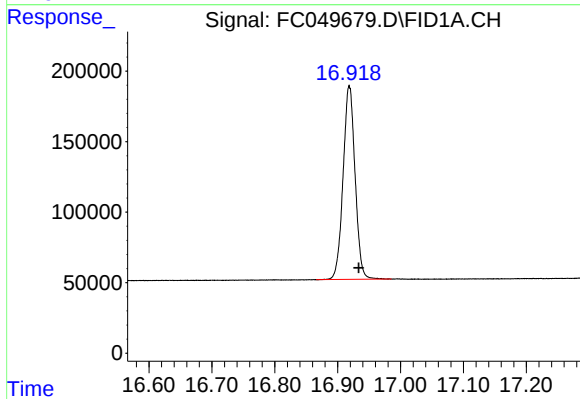
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: -0.014 min
Response: 1838713
Conc: 17.57 ug/ml



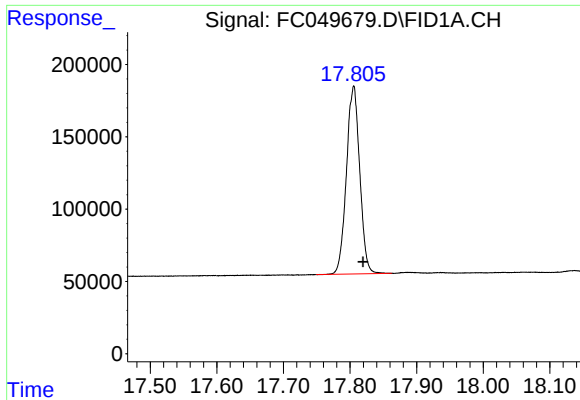
#15 n-Hexacosane (C26)

R.T.: 15.969 min
Delta R.T.: -0.017 min
Response: 1806891
Conc: 17.68 ug/ml



#16 n-Octacosane (C28)

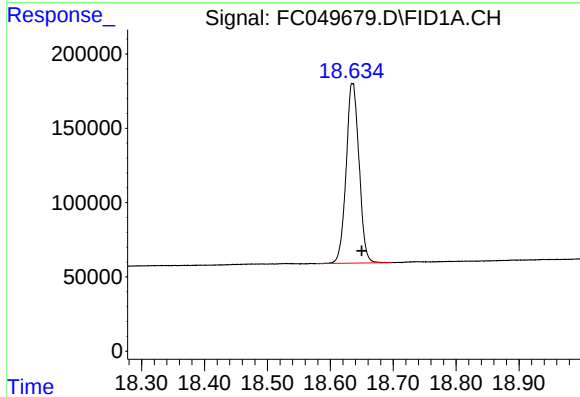
R.T.: 16.919 min
Delta R.T.: -0.015 min
Response: 1817681
Conc: 18.09 ug/ml



#17 n-Tricontane (C30)

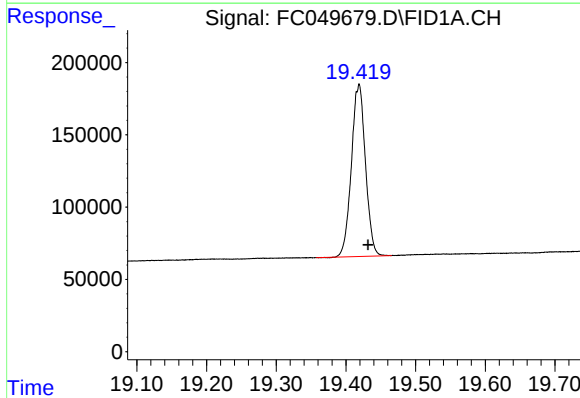
R.T.: 17.806 min
Delta R.T.: -0.014 min
Response: 1803007
Conc: 18.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



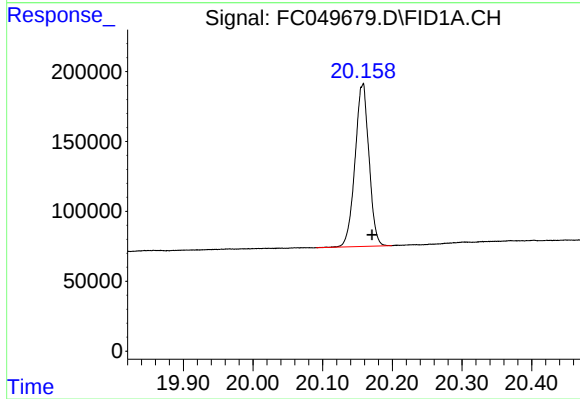
#18 n-Dotriacontane (C32)

R.T.: 18.635 min
Delta R.T.: -0.015 min
Response: 1725169
Conc: 19.09 ug/ml



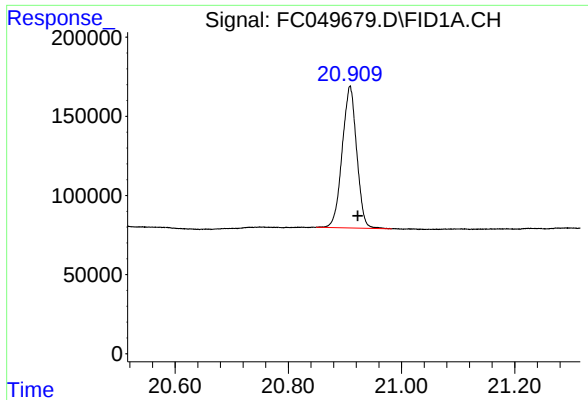
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min
Delta R.T.: -0.013 min
Response: 1666756
Conc: 19.47 ug/ml



#20 n-Hexatriacontane (C36)

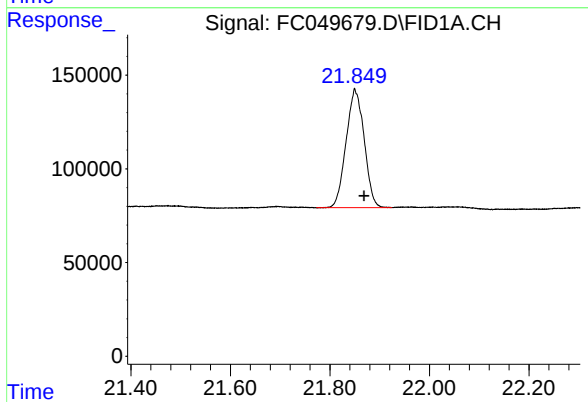
R.T.: 20.157 min
Delta R.T.: -0.014 min
Response: 1612627
Conc: 20.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.909 min
Delta R.T.: -0.014 min
Response: 1590628
Conc: 21.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.850 min
Delta R.T.: -0.019 min
Response: 1591332
Conc: 20.45 ug/ml