

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012020AL\
 Data File : FC045395.D
 Signal(s) : FID1A.CH
 Acq On : 20 Jan 2020 11:58
 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

Manual Integrations
 APPROVED

Ankita
 1/21/2020 9:00:48 AM

Integration File: sample.E
 Quant Time: Jan 21 00:41:35 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)	11.768	2198559	19.385 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
12) S 1-chlorooctadecane (S...	13.189	1703094	19.100 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
Target Compounds			
1) T n-Nonane (C9)	3.517	2128274	21.136 ug/ml
2) T n-Decane (C10)	4.590	2142216	21.235 ug/ml
3) T A~Naphthalene (C11.7)	6.195	2364271	21.099 ug/ml
4) T n-Dodecane (C12)	6.609	2171021	21.329 ug/ml
5) T A~2-methylnaphthalene...	7.251	2361954	20.955 ug/ml
6) T n-Tetradecane (C14)	8.399	2171535	21.305 ug/ml
7) T n-Hexadecane (C16)	9.996	2156619	20.947 ug/ml
8) T n-Octadecane (C18)	11.435	2128123	20.463 ug/ml
10) T n-Eicosane (C20)	12.743	2067745	19.764 ug/ml
11) T n-Heneicosane (C21)	13.353	2043590	19.323 ug/ml
13) T n-Docosane (C22)	13.939	1998937	18.906 ug/ml
14) T n-Tetracosane (C24)	15.039	1929420	18.059 ug/ml
15) T n-Hexacosane (C26)	16.059	1848756	17.335 ug/ml
16) T n-Octacosane (C28)	17.004	1784887	16.901 ug/ml
17) T n-Tricontane (C30)	17.891	1699631	16.673 ug/ml
18) T n-Dotriacontane (C32)	18.721	1461624	16.895 ug/ml
19) T n-Tetratriacontane (C34)	19.503	1274066	17.392 ug/ml
20) T n-Hexatriacontane (C36)	20.242	1163191	17.700 ug/mlm
21) T n-Octatriacontane (C38)	21.014	1177945	19.945 ug/ml
22) T n-Tetracontane (C40)	21.986	1148642	19.422 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012020AL\
Data File : FC045395.D
Signal(s) : FID1A.CH
Acq On : 20 Jan 2020 11:58
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

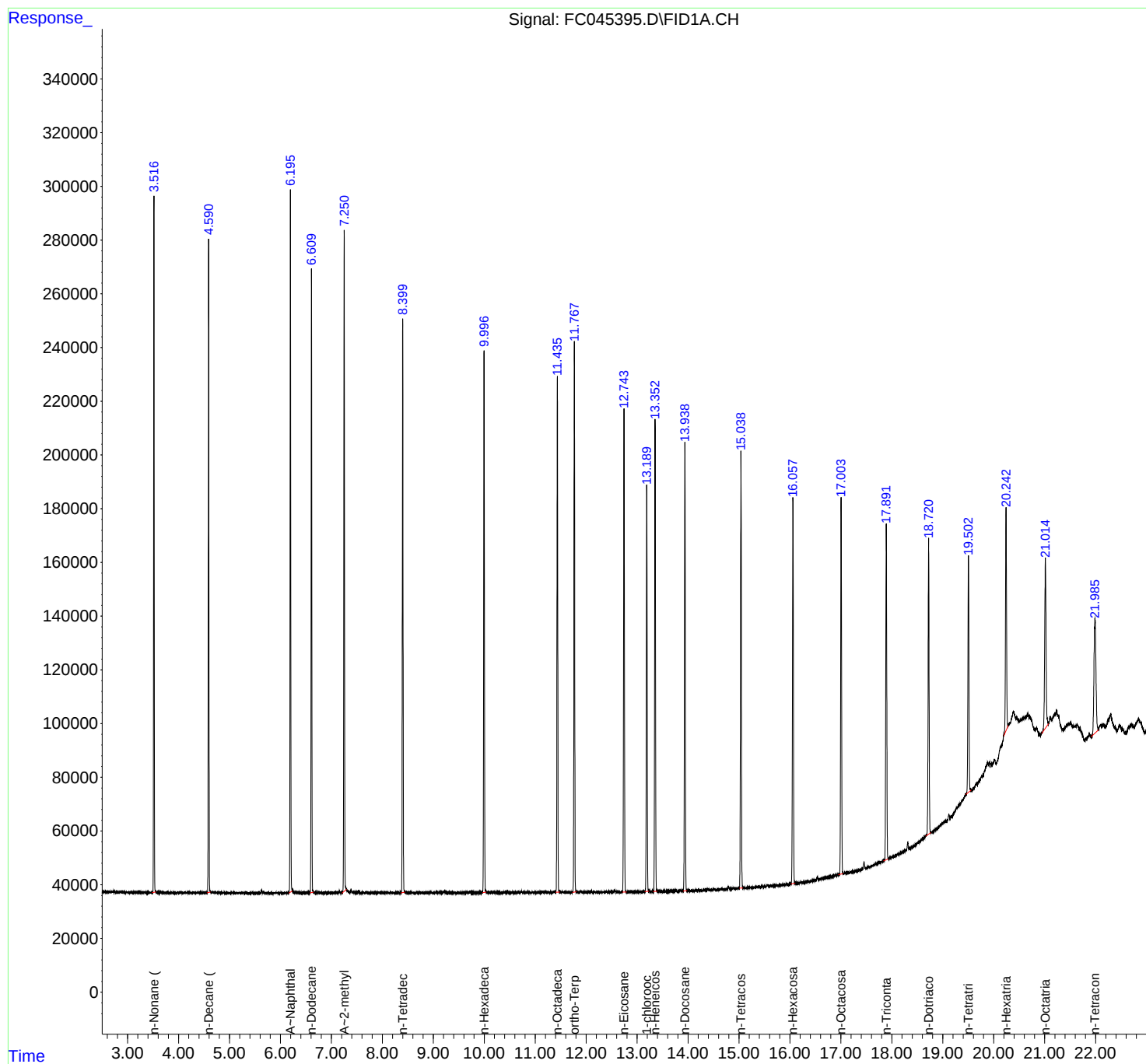
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

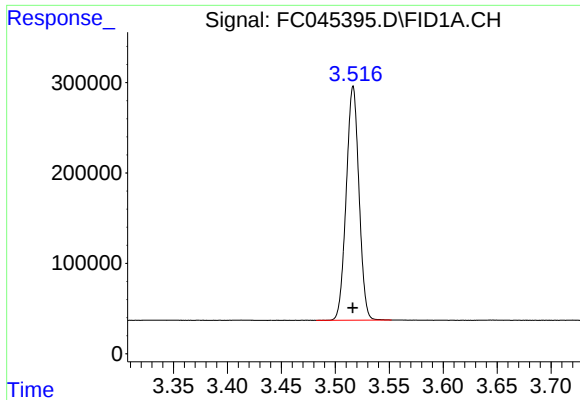
Manual Integrations
APPROVED

Ankita
1/21/2020 9:00:48 AM

Integration File: sample.E
Quant Time: Jan 21 00:41:35 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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





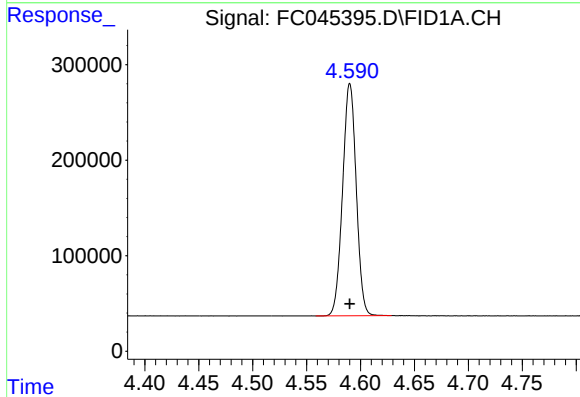
#1 n-Nonane (C9)

R.T.: 3.517 min
Delta R.T.: 0.000 min
Response: 2128274
Conc: 21.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

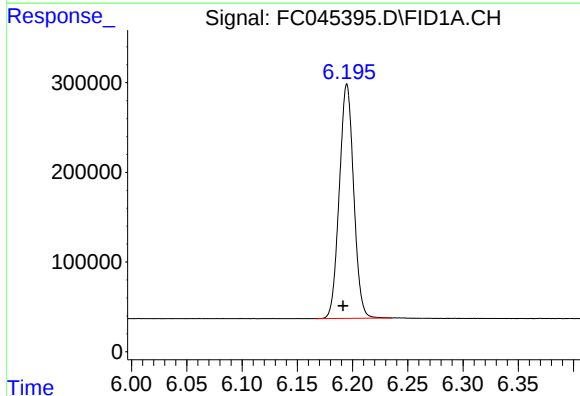
Manual Integrations
APPROVED

Ankita
1/21/2020 9:00:48 AM



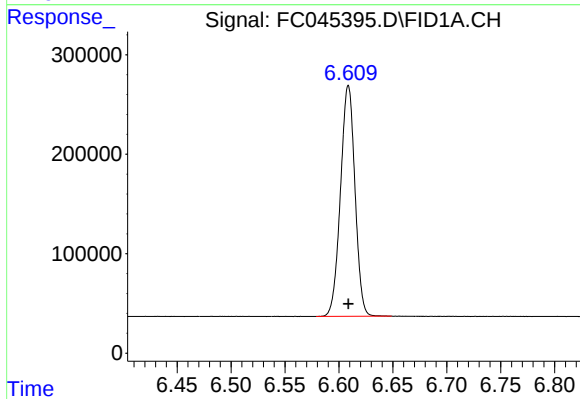
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 2142216
Conc: 21.24 ug/ml



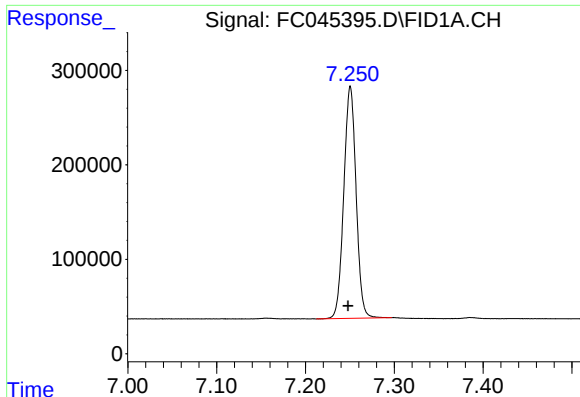
#3 A~Naphthalene (C11.7)

R.T.: 6.195 min
Delta R.T.: 0.003 min
Response: 2364271
Conc: 21.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 2171021
Conc: 21.33 ug/ml



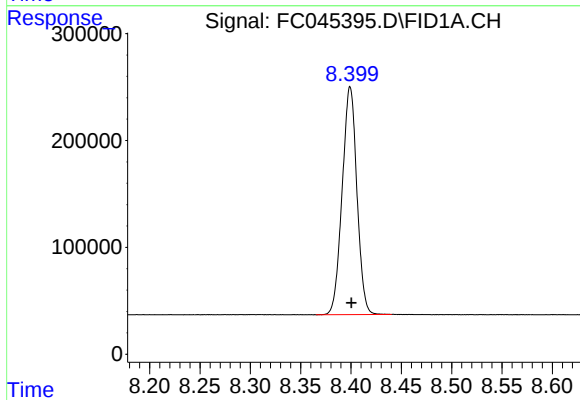
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.251 min
Delta R.T.: 0.003 min
Response: 2361954
Conc: 20.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

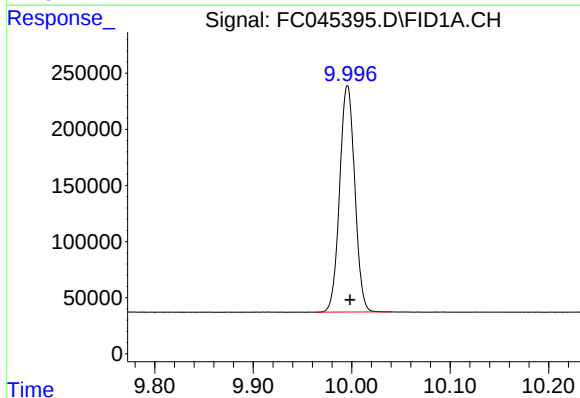
Manual Integrations
APPROVED

Ankita
1/21/2020 9:00:48 AM



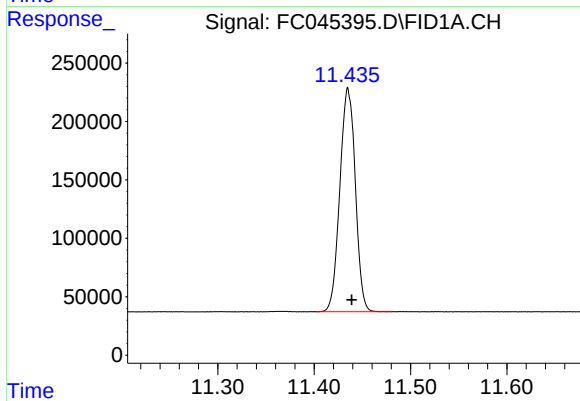
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: -0.001 min
Response: 2171535
Conc: 21.31 ug/ml



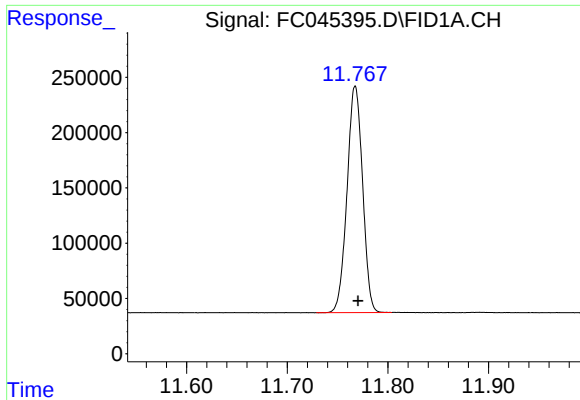
#7 n-Hexadecane (C16)

R.T.: 9.996 min
Delta R.T.: -0.003 min
Response: 2156619
Conc: 20.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.435 min
Delta R.T.: -0.004 min
Response: 2128123
Conc: 20.46 ug/ml



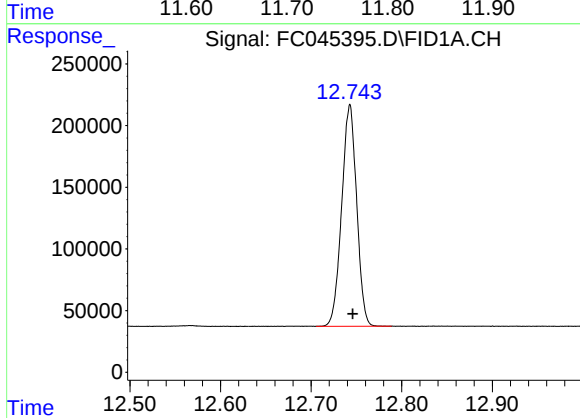
#9 ortho-Terphenyl (SURR)

R.T.: 11.768 min
Delta R.T.: -0.003 min
Response: 2198559
Conc: 19.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

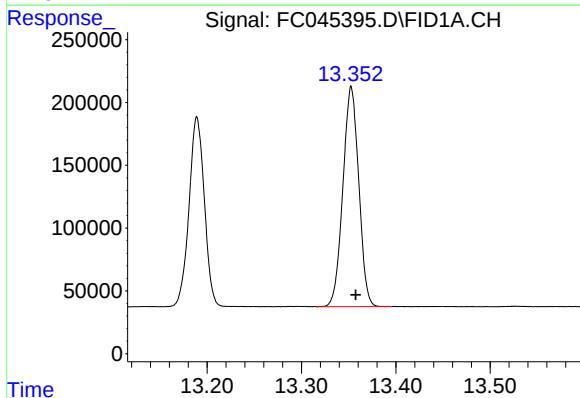
Manual Integrations
APPROVED

Ankita
1/21/2020 9:00:48 AM



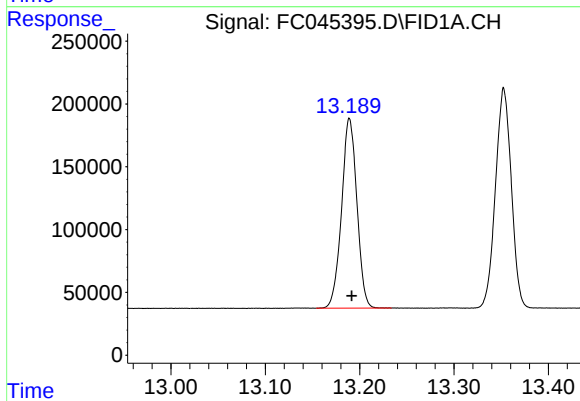
#10 n-Eicosane (C20)

R.T.: 12.743 min
Delta R.T.: -0.003 min
Response: 2067745
Conc: 19.76 ug/ml



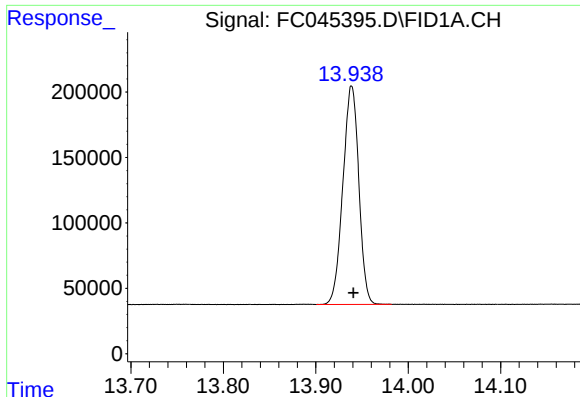
#11 n-Heneicosane (C21)

R.T.: 13.353 min
Delta R.T.: -0.005 min
Response: 2043590
Conc: 19.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.189 min
Delta R.T.: -0.002 min
Response: 1703094
Conc: 19.10 ug/ml



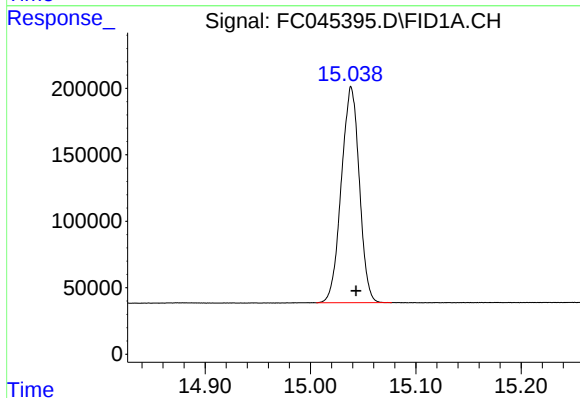
#13 n-Docosane (C22)

R.T.: 13.939 min
Delta R.T.: -0.002 min
Response: 1998937
Conc: 18.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

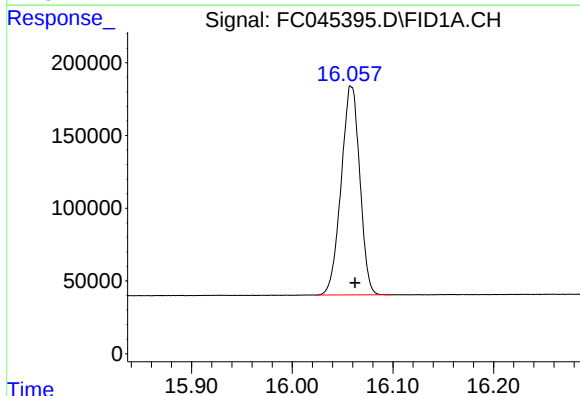
Manual Integrations
APPROVED

Ankita
1/21/2020 9:00:48 AM



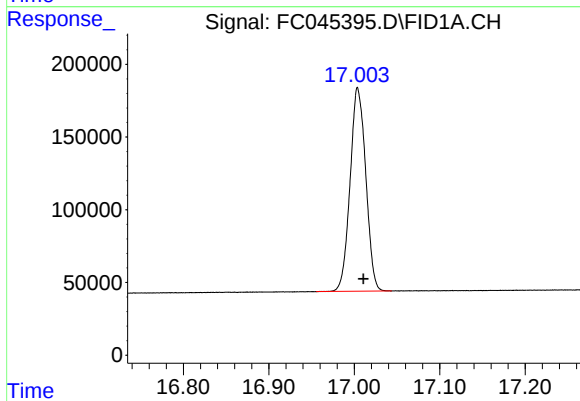
#14 n-Tetracosane (C24)

R.T.: 15.039 min
Delta R.T.: -0.004 min
Response: 1929420
Conc: 18.06 ug/ml



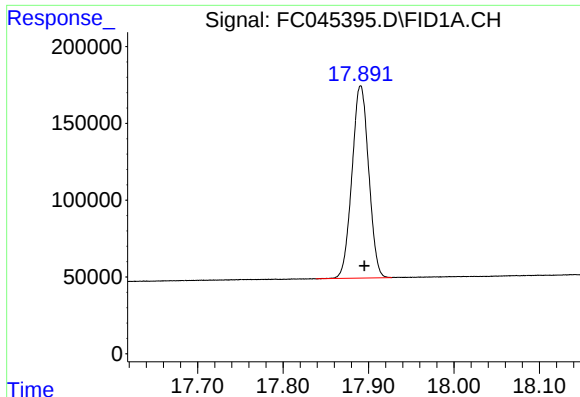
#15 n-Hexacosane (C26)

R.T.: 16.059 min
Delta R.T.: -0.004 min
Response: 1848756
Conc: 17.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.004 min
Delta R.T.: -0.007 min
Response: 1784887
Conc: 16.90 ug/ml



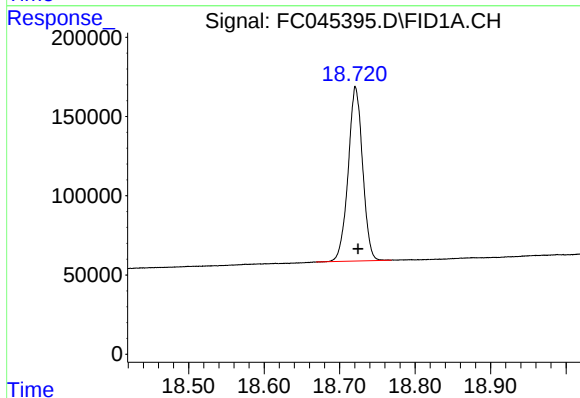
#17 n-Tricontane (C30)

R.T.: 17.891 min
Delta R.T.: -0.004 min
Response: 1699631
Conc: 16.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

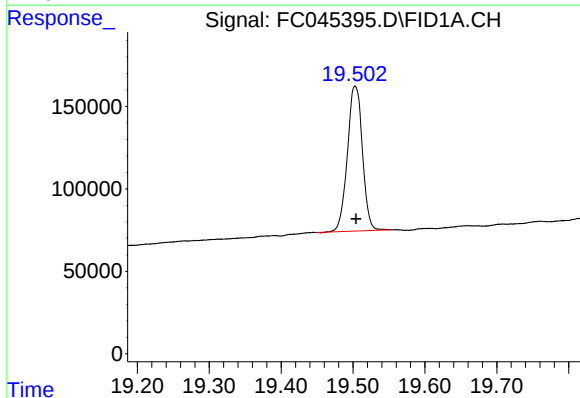
Manual Integrations
APPROVED

Ankita
1/21/2020 9:00:48 AM



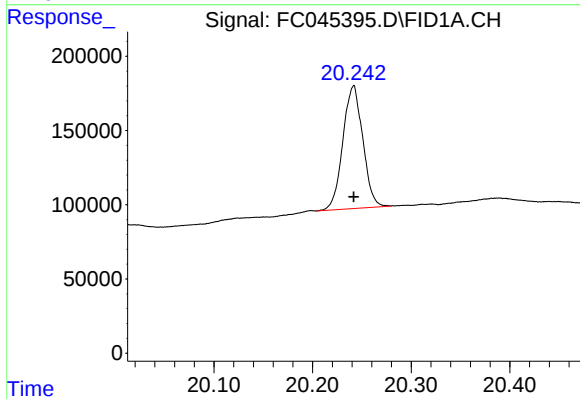
#18 n-Dotriacontane (C32)

R.T.: 18.721 min
Delta R.T.: -0.003 min
Response: 1461624
Conc: 16.90 ug/ml



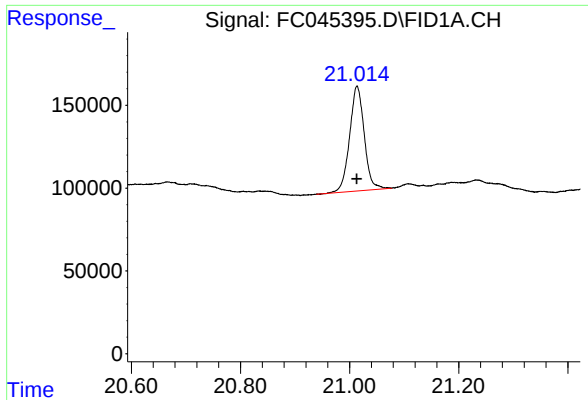
#19 n-Tetratriacontane (C34)

R.T.: 19.503 min
Delta R.T.: -0.001 min
Response: 1274066
Conc: 17.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.242 min
Delta R.T.: 0.000 min
Response: 1163191
Conc: 17.70 ug/ml m



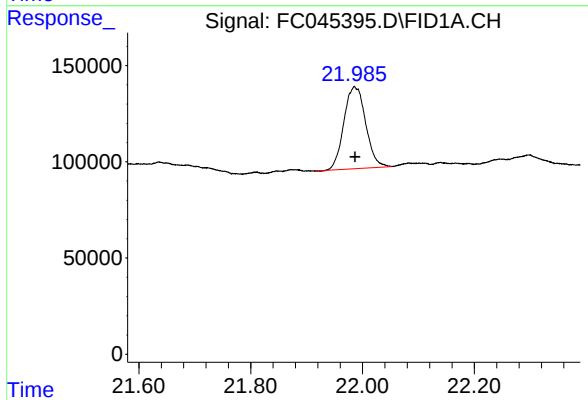
#21 n-Octatriacontane (C38)

R.T.: 21.014 min
Delta R.T.: 0.000 min
Response: 1177945
Conc: 19.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
1/21/2020 9:00:48 AM



#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: -0.001 min
Response: 1148642
Conc: 19.42 ug/ml