

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122419AL\
 Data File : FC045058.D
 Signal(s) : FID1A.CH
 Acq On : 24 Dec 2019 23:38
 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
 12/26/2019 10:53:55 AM

Integration File: sample.E
 Quant Time: Dec 25 01:25:23 2019
 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	2311530	20.381 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
12) S 1-chlorooctadecane (S...	13.185	1805343	20.247 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T n-Nonane (C9)	3.513	2096144	20.817 ug/ml
2) T n-Decane (C10)	4.587	2109758	20.913 ug/ml
3) T A~Naphthalene (C11.7)	6.189	2354726	21.013 ug/ml
4) T n-Dodecane (C12)	6.605	2137310	20.998 ug/ml
5) T A~2-methylnaphthalene...	7.244	2374354	21.065 ug/ml
6) T n-Tetradecane (C14)	8.396	2147638	21.071 ug/ml
7) T n-Hexadecane (C16)	9.993	2159836	20.978 ug/ml
8) T n-Octadecane (C18)	11.432	2162558	20.794 ug/ml
10) T n-Eicosane (C20)	12.738	2145335	20.506 ug/ml
11) T n-Heneicosane (C21)	13.350	2167318	20.493 ug/ml
13) T n-Docosane (C22)	13.934	2121414	20.064 ug/ml
14) T n-Tetracosane (C24)	15.035	2085339	19.518 ug/ml
15) T n-Hexacosane (C26)	16.055	2004942	18.799 ug/ml
16) T n-Octacosane (C28)	17.003	1915590	18.138 ug/ml
17) T n-Tricontane (C30)	17.887	1796211	17.621 ug/ml
18) T n-Dotriacontane (C32)	18.718	1508182	17.434 ug/ml
19) T n-Tetratriacontane (C34)	19.500	1248043	17.036 ug/mlm
20) T n-Hexatriacontane (C36)	20.236	1246166	18.963 ug/mlm
21) T n-Octatriacontane (C38)	21.009	1107523	18.752 ug/mlm
22) T n-Tetracontane (C40)	21.978	1038667	17.562 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122419AL\
Data File : FC045058.D
Signal(s) : FID1A.CH
Acq On : 24 Dec 2019 23:38
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

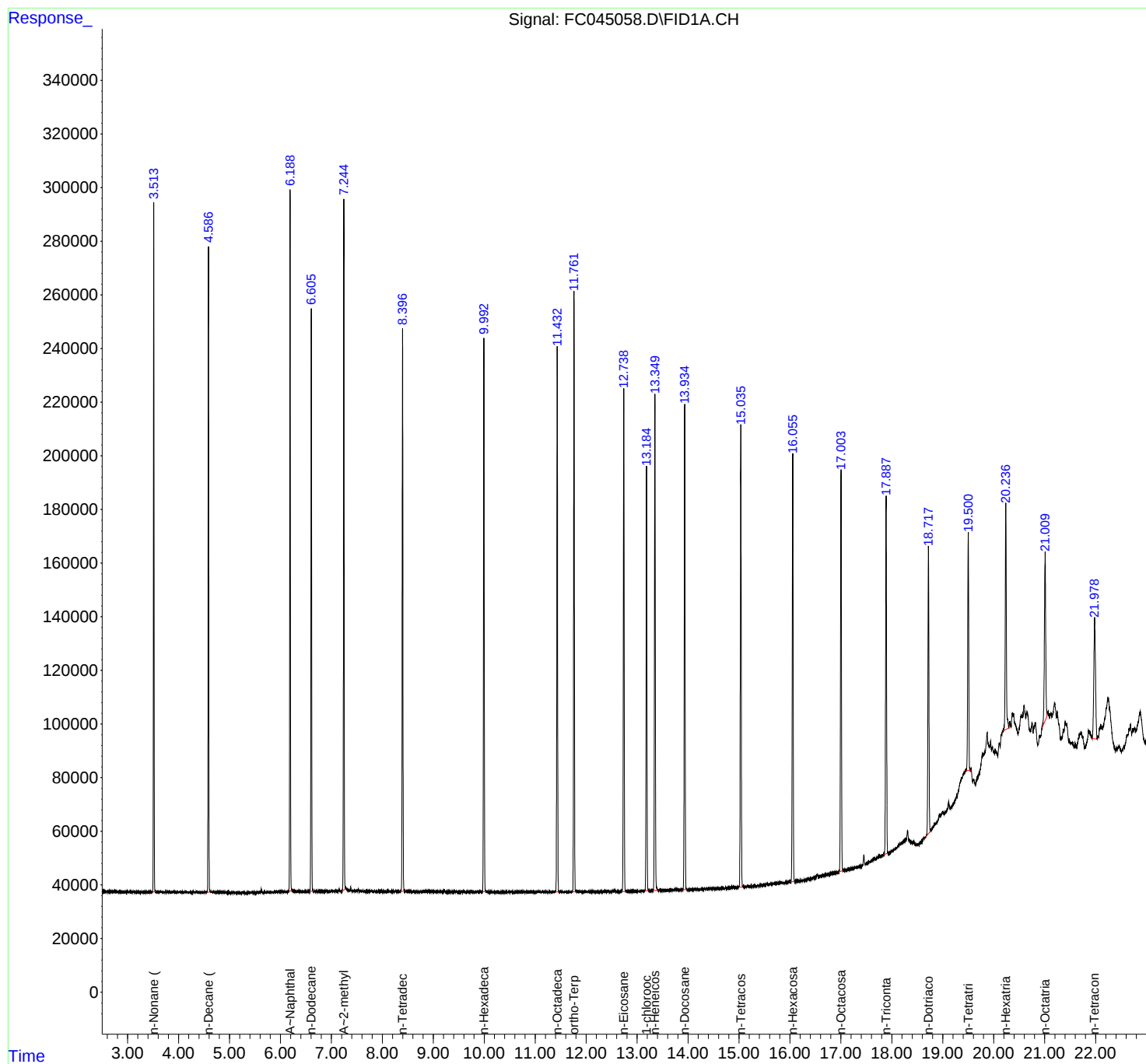
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

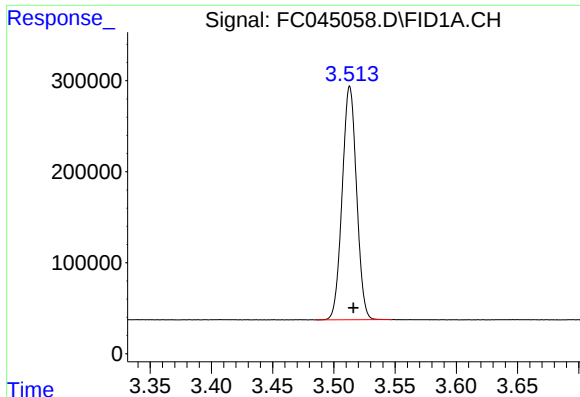
Manual Integrations
APPROVED

Ankita
12/26/2019 10:53:55 AM

Integration File: sample.E
Quant Time: Dec 25 01:25:23 2019
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





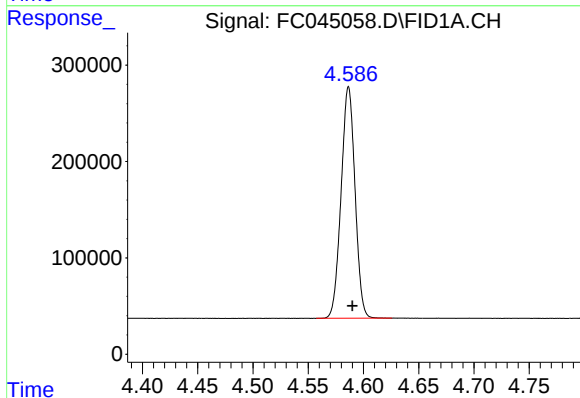
#1 n-Nonane (C9)

R.T.: 3.513 min
Delta R.T.: -0.003 min
Response: 2096144
Conc: 20.82 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

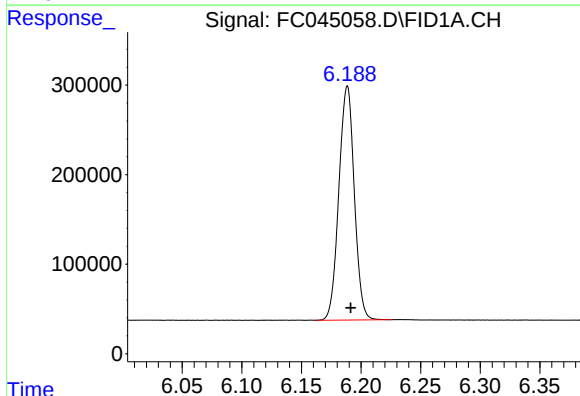
Manual Integrations
APPROVED

Ankita
12/26/2019 10:53:55 AM



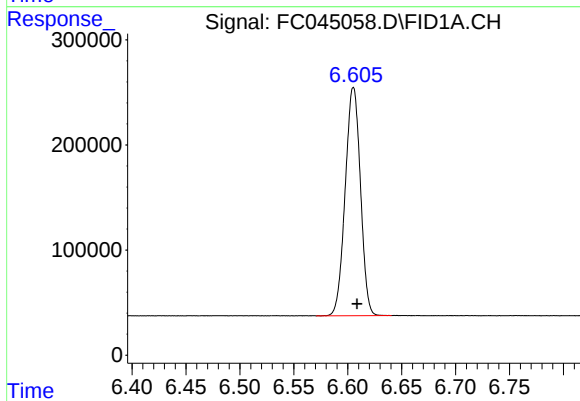
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 2109758
Conc: 20.91 ug/ml



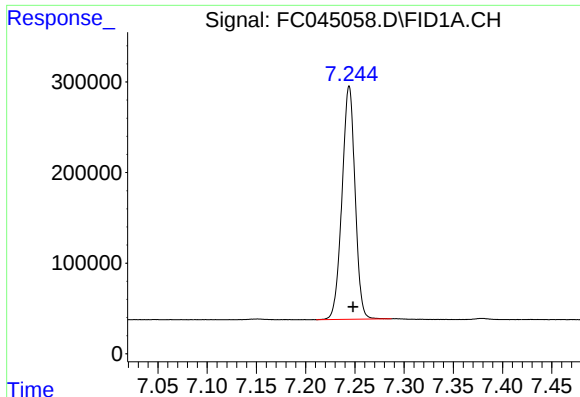
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 2354726
Conc: 21.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 2137310
Conc: 21.00 ug/ml



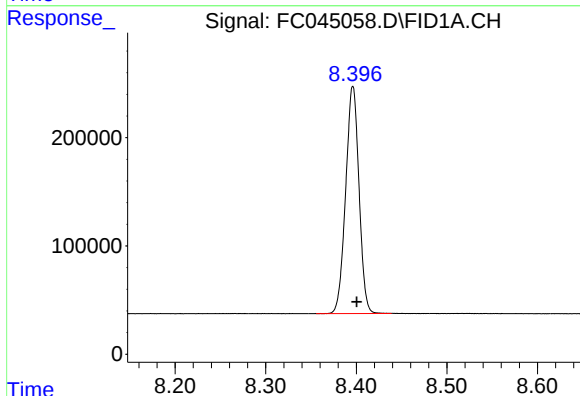
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.244 min
Delta R.T.: -0.004 min
Response: 2374354
Conc: 21.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

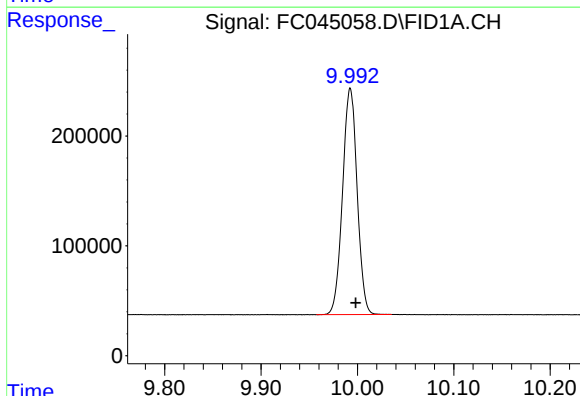
Manual Integrations
APPROVED

Ankita
12/26/2019 10:53:55 AM



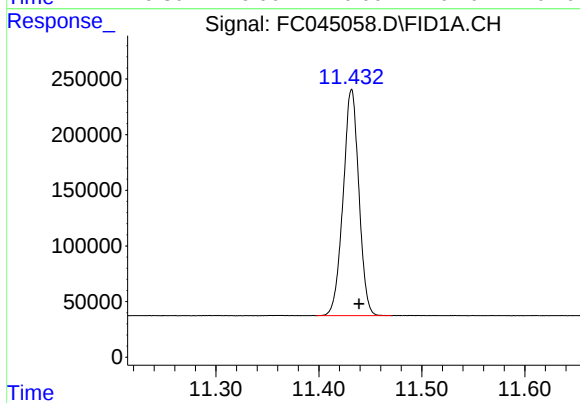
#6 n-Tetradecane (C14)

R.T.: 8.396 min
Delta R.T.: -0.004 min
Response: 2147638
Conc: 21.07 ug/ml



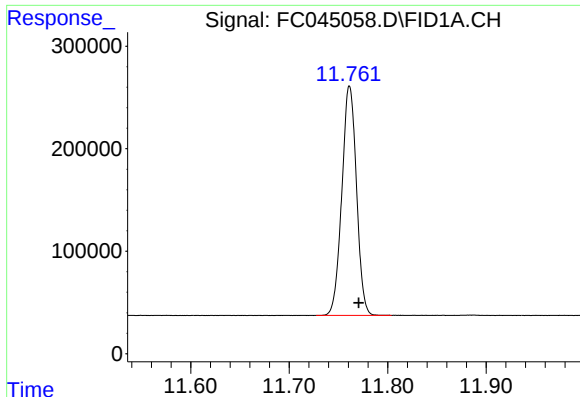
#7 n-Hexadecane (C16)

R.T.: 9.993 min
Delta R.T.: -0.006 min
Response: 2159836
Conc: 20.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.432 min
Delta R.T.: -0.007 min
Response: 2162558
Conc: 20.79 ug/ml



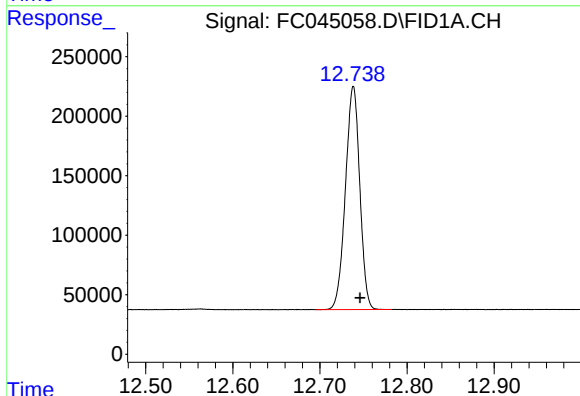
#9 ortho-Terphenyl (SURR)

R.T.: 11.761 min
Delta R.T.: -0.009 min
Response: 2311530
Conc: 20.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

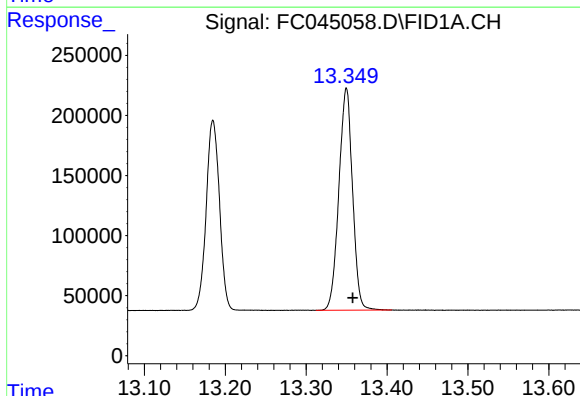
Manual Integrations
APPROVED

Ankita
12/26/2019 10:53:55 AM



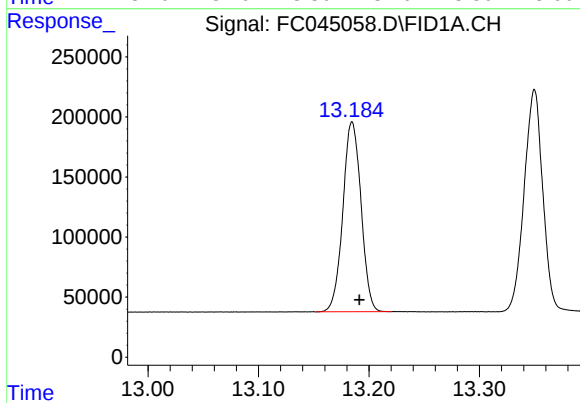
#10 n-Eicosane (C20)

R.T.: 12.738 min
Delta R.T.: -0.008 min
Response: 2145335
Conc: 20.51 ug/ml



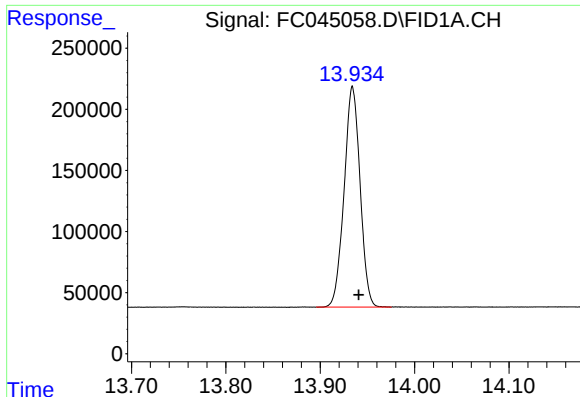
#11 n-Heneicosane (C21)

R.T.: 13.350 min
Delta R.T.: -0.008 min
Response: 2167318
Conc: 20.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.185 min
Delta R.T.: -0.007 min
Response: 1805343
Conc: 20.25 ug/ml



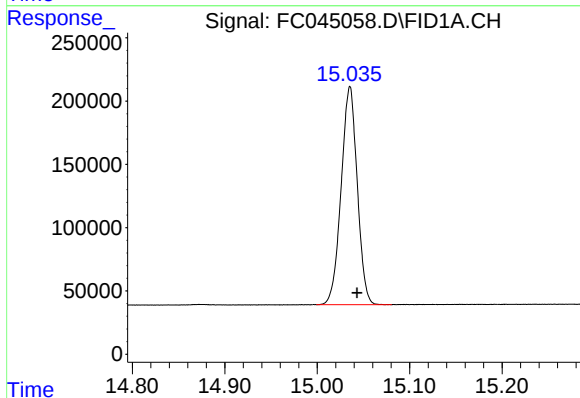
#13 n-Docosane (C22)

R.T.: 13.934 min
Delta R.T.: -0.007 min
Response: 2121414
Conc: 20.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

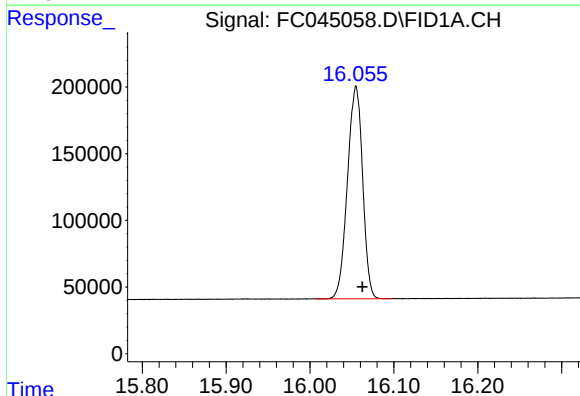
Manual Integrations
APPROVED

Ankita
12/26/2019 10:53:55 AM



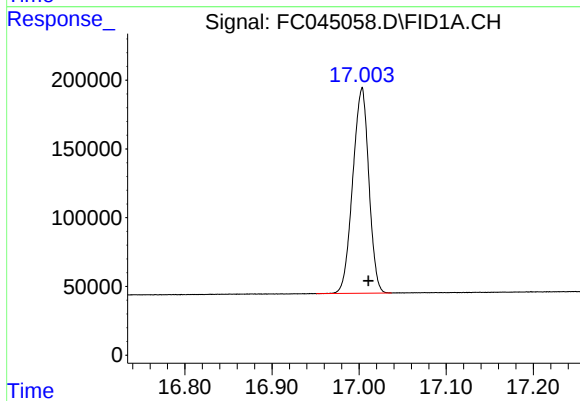
#14 n-Tetracosane (C24)

R.T.: 15.035 min
Delta R.T.: -0.008 min
Response: 2085339
Conc: 19.52 ug/ml



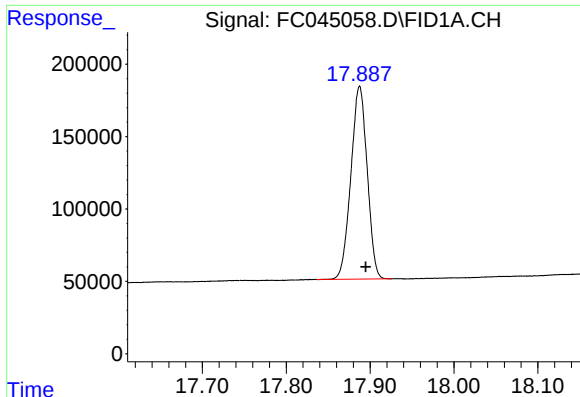
#15 n-Hexacosane (C26)

R.T.: 16.055 min
Delta R.T.: -0.008 min
Response: 2004942
Conc: 18.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.003 min
Delta R.T.: -0.007 min
Response: 1915590
Conc: 18.14 ug/ml



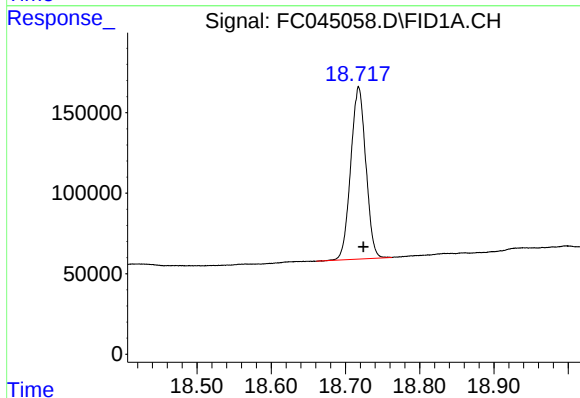
#17 n-Tricontane (C30)

R.T.: 17.887 min
Delta R.T.: -0.008 min
Response: 1796211
Conc: 17.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

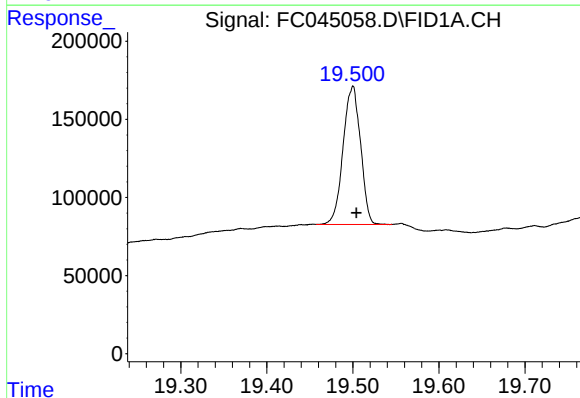
Manual Integrations
APPROVED

Ankita
12/26/2019 10:53:55 AM



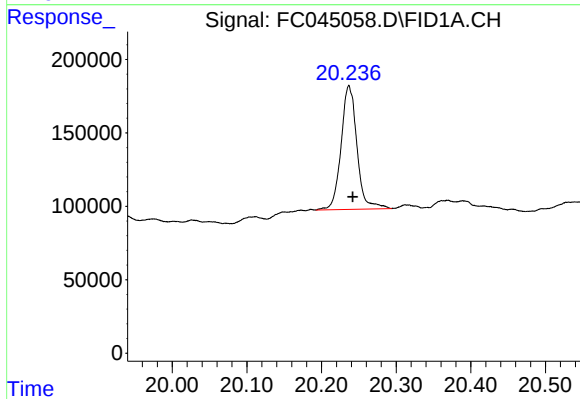
#18 n-Dotriacontane (C32)

R.T.: 18.718 min
Delta R.T.: -0.006 min
Response: 1508182
Conc: 17.43 ug/ml



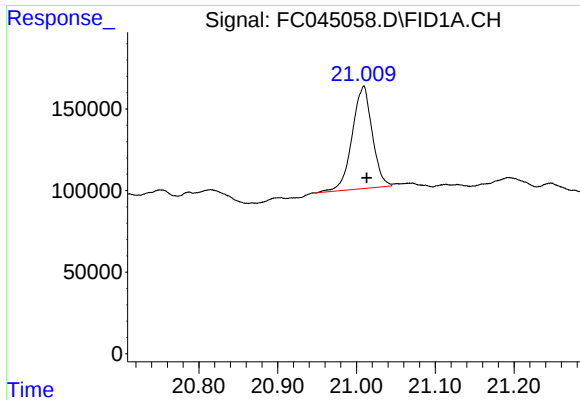
#19 n-Tetratriacontane (C34)

R.T.: 19.500 min
Delta R.T.: -0.004 min
Response: 1248043
Conc: 17.04 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.236 min
Delta R.T.: -0.005 min
Response: 1246166
Conc: 18.96 ug/ml m



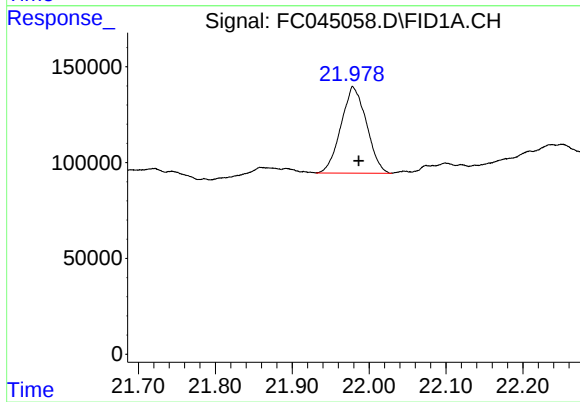
#21 n-Octatriacontane (C38)

R.T.: 21.009 min
Delta R.T.: -0.004 min
Response: 1107523
Conc: 18.75 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
12/26/2019 10:53:55 AM



#22 n-Tetracontane (C40)

R.T.: 21.978 min
Delta R.T.: -0.009 min
Response: 1038667
Conc: 17.56 ug/ml m