

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062321AL\
 Data File : FC054420.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jun 2021 10:26
 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
 6/24/2021 1:00:04 PM

Integration File: autoint1.e
 Quant Time: Jun 24 11:02:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:43:57 2021
 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)	11.337	2736651	18.021 ug/ml
Spiked Amount 50.000		Recovery =	36.04%
12) S 1-chlorooctadecane (S...	12.781	2093449	17.771 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
Target Compounds			
1) T n-Nonane (C9)	3.149	2657512	20.651 ug/ml
2) T n-Decane (C10)	4.204	2699718	21.061 ug/ml
3) T A~Naphthalene (C11.7)	5.771	2926786	20.262 ug/ml
4) T n-Dodecane (C12)	6.212	2705751	20.634 ug/ml
5) T A~2-methylnaphthalene...	6.824	2936752	20.341 ug/ml
6) T n-Tetradecane (C14)	8.000	2700816	20.371 ug/ml
7) T n-Hexadecane (C16)	9.596	2662260	19.681 ug/ml
8) T n-Octadecane (C18)	11.034	2638021	18.901 ug/ml
10) T n-Eicosane (C20)	12.339	2524260	18.180 ug/ml
11) T n-Heneicosane (C21)	12.950	2504467	17.928 ug/ml
13) T n-Docosane (C22)	13.535	2441083	17.641 ug/ml
14) T n-Tetracosane (C24)	14.635	2366223	17.182 ug/ml
15) T n-Hexacosane (C26)	15.653	2258322	16.766 ug/ml
16) T n-Octacosane (C28)	16.601	2236984	16.882 ug/ml
17) T n-Tricontane (C30)	17.487	2253518	17.533 ug/ml
18) T n-Dotriacontane (C32)	18.319	2236958	18.181 ug/mlm
19) T n-Tetratriacontane (C34)	19.100	2231646	19.076 ug/mlm
20) T n-Hexatriacontane (C36)	19.839	2165174	19.616 ug/ml
21) T n-Octatriacontane (C38)	20.545	2117809	20.717 ug/mlm
22) T n-Tetracontane (C40)	21.364	2144967	20.047 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062321AL\
Data File : FC054420.D
Signal(s) : FID1A.CH
Acq On : 24 Jun 2021 10:26
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

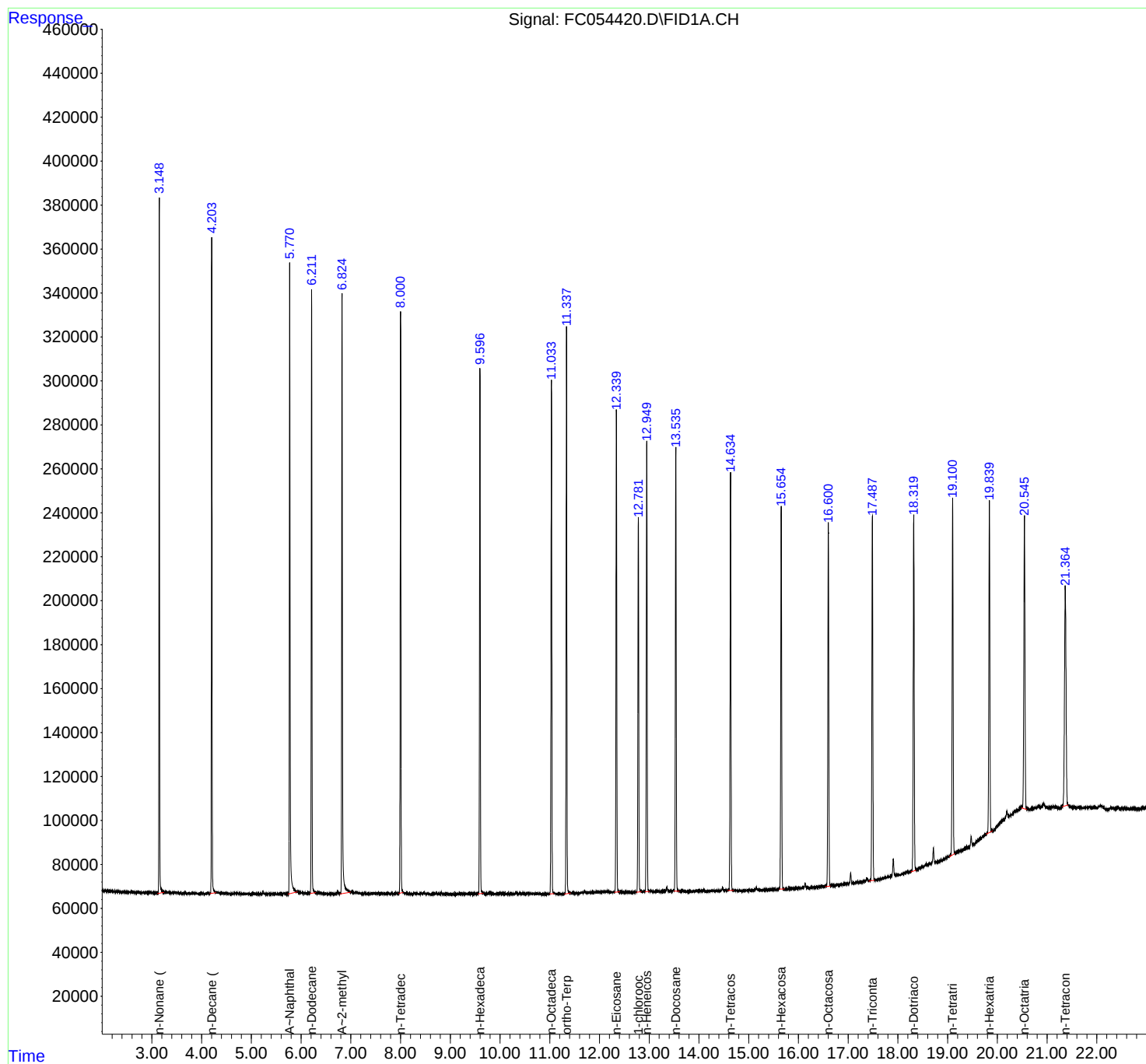
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

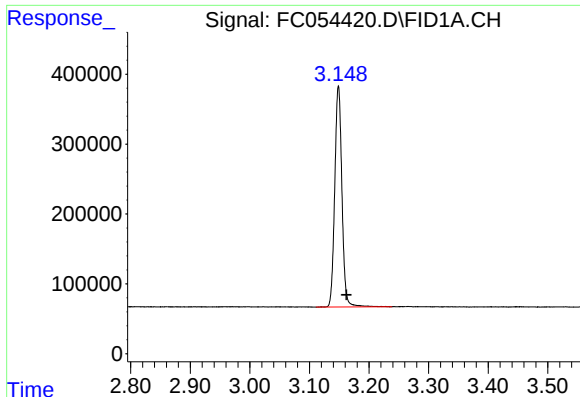
Manual Integrations
APPROVED

Ankita
6/24/2021 1:00:04 PM

Integration File: autoint1.e
Quant Time: Jun 24 11:02:15 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061021.M
Quant Title : GC Extractables
QLast Update : Fri Jun 11 04:43:57 2021
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





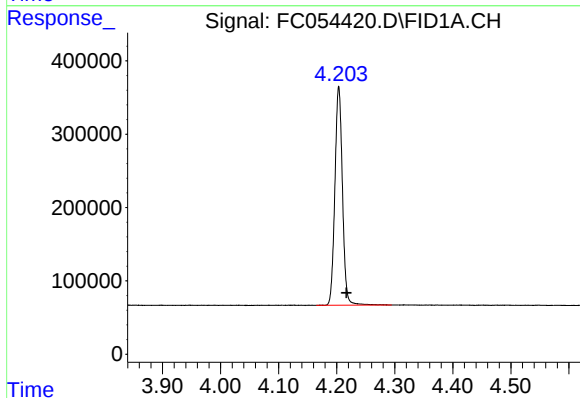
#1 n-Nonane (C9)

R.T.: 3.149 min
Delta R.T.: -0.013 min
Response: 2657512
Conc: 20.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

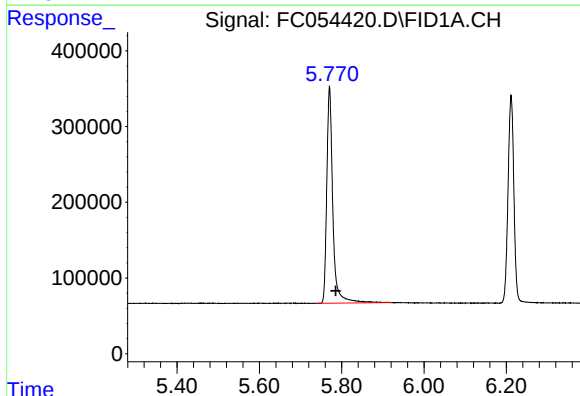
Manual Integrations
APPROVED

Ankita
6/24/2021 1:00:04 PM



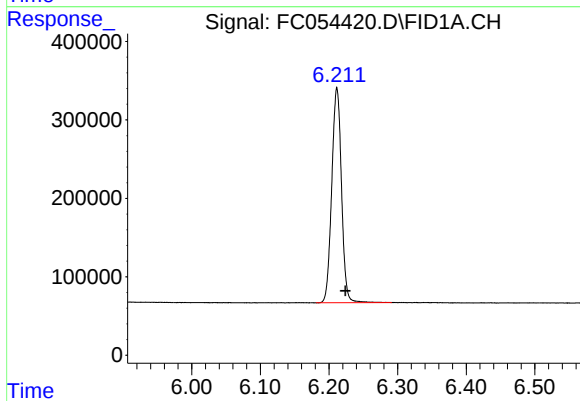
#2 n-Decane (C10)

R.T.: 4.204 min
Delta R.T.: -0.013 min
Response: 2699718
Conc: 21.06 ug/ml



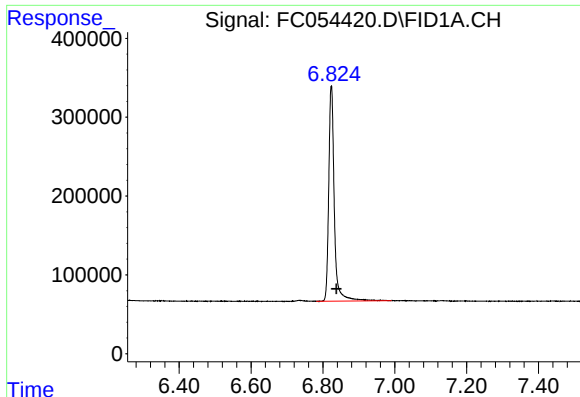
#3 A~Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.015 min
Response: 2926786
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.212 min
Delta R.T.: -0.012 min
Response: 2705751
Conc: 20.63 ug/ml



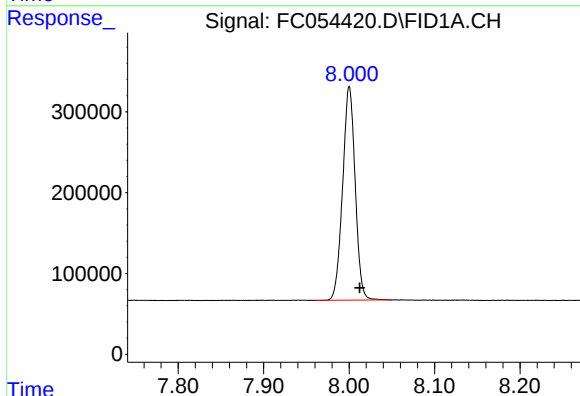
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: -0.014 min
Response: 2936752
Conc: 20.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

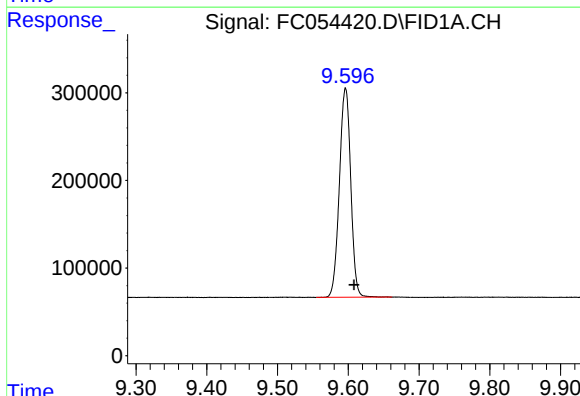
Manual Integrations
APPROVED

Ankita
6/24/2021 1:00:04 PM



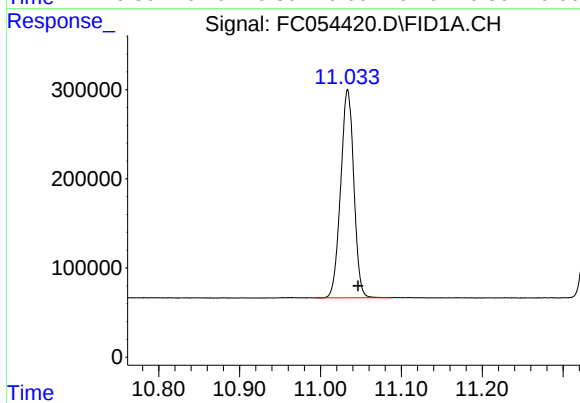
#6 n-Tetradecane (C14)

R.T.: 8.000 min
Delta R.T.: -0.012 min
Response: 2700816
Conc: 20.37 ug/ml



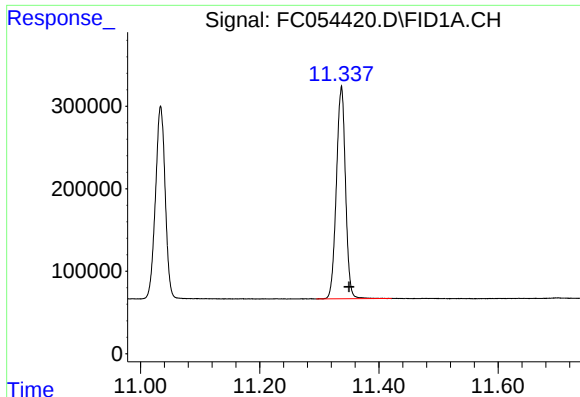
#7 n-Hexadecane (C16)

R.T.: 9.596 min
Delta R.T.: -0.012 min
Response: 2662260
Conc: 19.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.034 min
Delta R.T.: -0.013 min
Response: 2638021
Conc: 18.90 ug/ml



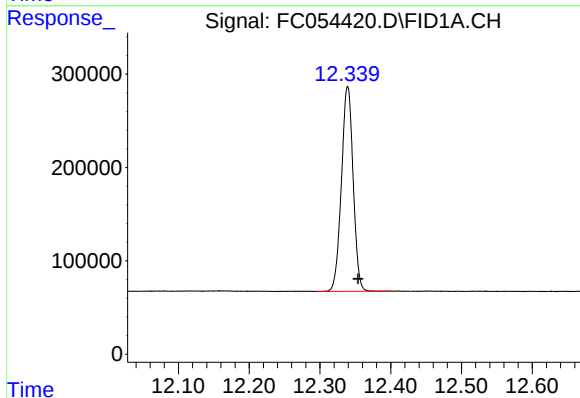
#9 ortho-Terphenyl (SURR)

R.T.: 11.337 min
Delta R.T.: -0.013 min
Response: 2736651
Conc: 18.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

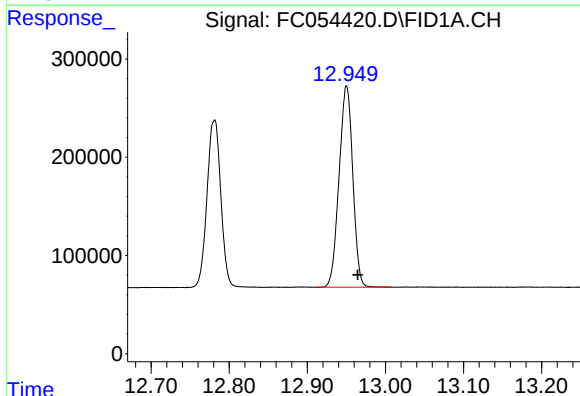
Manual Integrations
APPROVED

Ankita
6/24/2021 1:00:04 PM



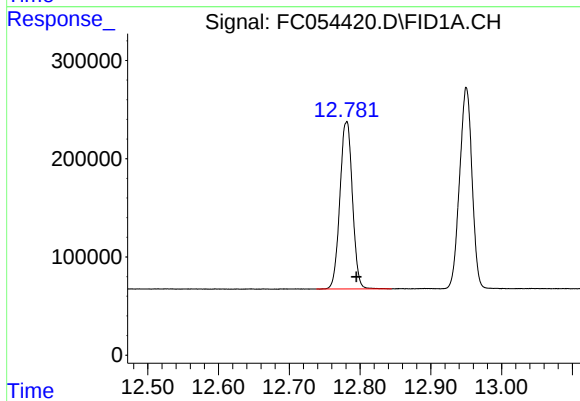
#10 n-Eicosane (C20)

R.T.: 12.339 min
Delta R.T.: -0.015 min
Response: 2524260
Conc: 18.18 ug/ml



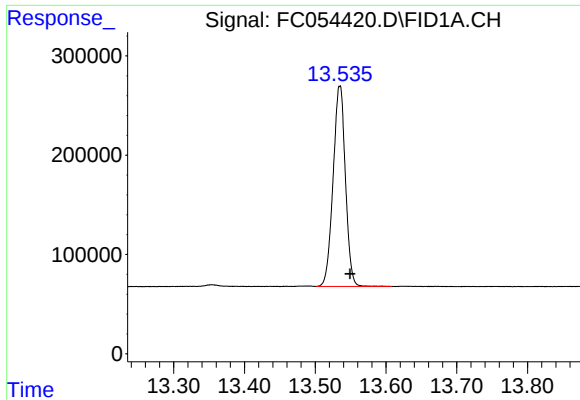
#11 n-Heneicosane (C21)

R.T.: 12.950 min
Delta R.T.: -0.014 min
Response: 2504467
Conc: 17.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.781 min
Delta R.T.: -0.014 min
Response: 2093449
Conc: 17.77 ug/ml



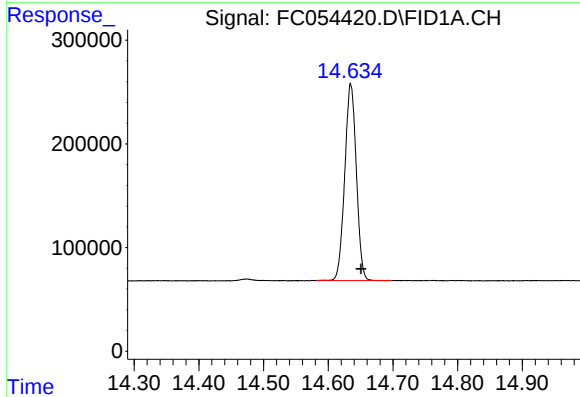
#13 n-Docosane (C22)

R.T.: 13.535 min
Delta R.T.: -0.015 min
Response: 2441083
Conc: 17.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

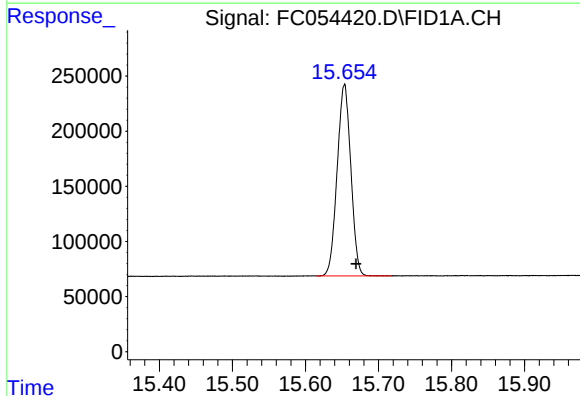
Manual Integrations
APPROVED

Ankita
6/24/2021 1:00:04 PM



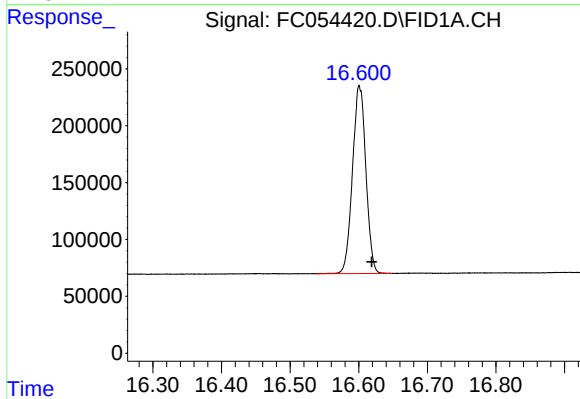
#14 n-Tetracosane (C24)

R.T.: 14.635 min
Delta R.T.: -0.016 min
Response: 2366223
Conc: 17.18 ug/ml



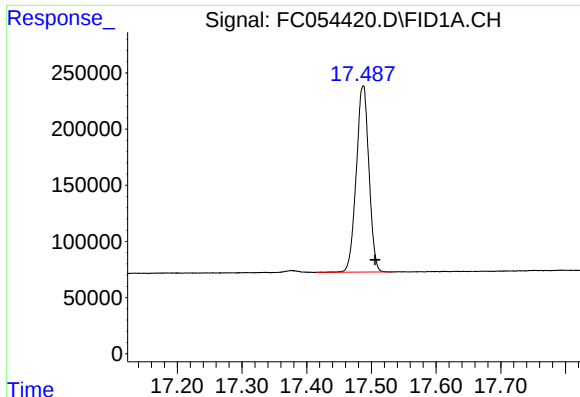
#15 n-Hexacosane (C26)

R.T.: 15.653 min
Delta R.T.: -0.016 min
Response: 2258322
Conc: 16.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.601 min
Delta R.T.: -0.018 min
Response: 2236984
Conc: 16.88 ug/ml



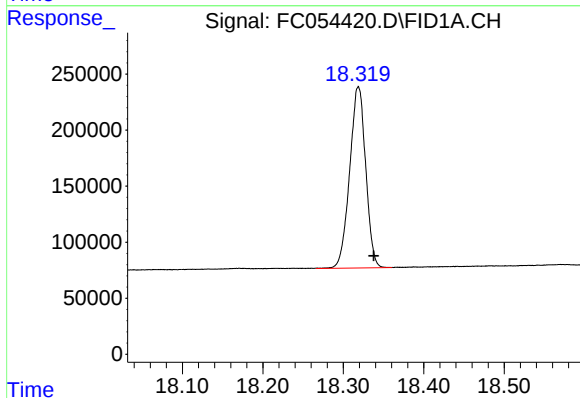
#17 n-Tricontane (C30)

R.T.: 17.487 min
Delta R.T.: -0.019 min
Response: 2253518
Conc: 17.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

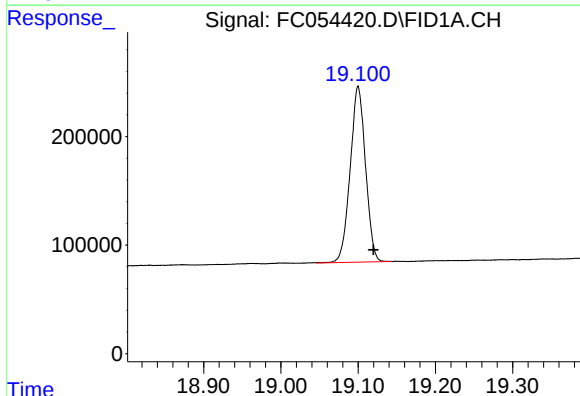
Manual Integrations
APPROVED

Ankita
6/24/2021 1:00:04 PM



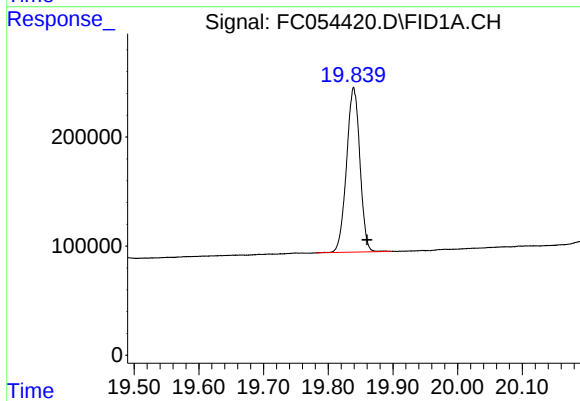
#18 n-Dotriacontane (C32)

R.T.: 18.319 min
Delta R.T.: -0.020 min
Response: 2236958
Conc: 18.18 ug/ml m



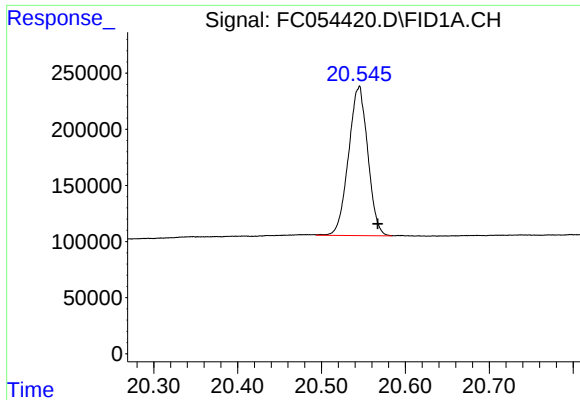
#19 n-Tetratriacontane (C34)

R.T.: 19.100 min
Delta R.T.: -0.020 min
Response: 2231646
Conc: 19.08 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.839 min
Delta R.T.: -0.021 min
Response: 2165174
Conc: 19.62 ug/ml



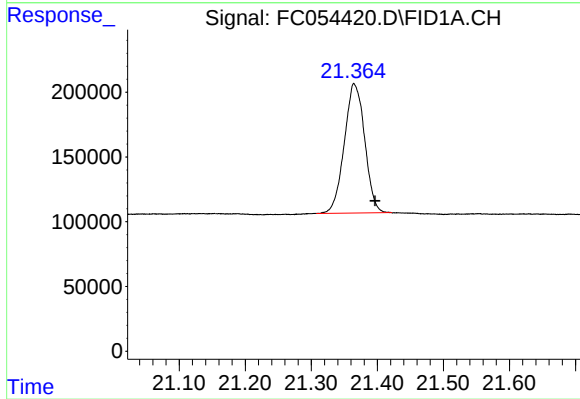
#21 n-Octatriacontane (C38)

R.T.: 20.545 min
Delta R.T.: -0.022 min
Response: 2117809
Conc: 20.72 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
6/24/2021 1:00:04 PM



#22 n-Tetracontane (C40)

R.T.: 21.364 min
Delta R.T.: -0.032 min
Response: 2144967
Conc: 20.05 ug/ml m