

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042221AL\
 Data File : FC053323.D
 Signal(s) : FID1A.CH
 Acq On : 22 Apr 2021 17:31
 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
 4/23/2021 4:42:49 PM

Integration File: autoint1.e
 Quant Time: Apr 23 07:30:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 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)	11.544	2862823	20.686 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
12) S 1-chlorooctadecane (S...	12.985	2251176	20.800 ug/ml
Spiked Amount 50.000		Recovery =	41.60%
Target Compounds			
1) T n-Nonane (C9)	3.302	2438743	21.021 ug/ml
2) T n-Decane (C10)	4.368	2470658	21.110 ug/ml
3) T A~Naphthalene (C11.7)	5.951	2778094	21.354 ug/ml
4) T n-Dodecane (C12)	6.387	2530123	21.202 ug/ml
5) T A~2-methylnaphthalene...	7.009	2811638	21.272 ug/ml
6) T n-Tetradecane (C14)	8.185	2561658	21.048 ug/ml
7) T n-Hexadecane (C16)	9.787	2559086	21.268 ug/ml
8) T n-Octadecane (C18)	11.230	2661012	21.000 ug/ml
10) T n-Eicosane (C20)	12.541	2678753	20.889 ug/ml
11) T n-Heneicosane (C21)	13.153	2663297	20.738 ug/ml
13) T n-Docosane (C22)	13.740	2653787	20.591 ug/ml
14) T n-Tetracosane (C24)	14.844	2630765	20.369 ug/ml
15) T n-Hexacosane (C26)	15.867	2608171	20.295 ug/ml
16) T n-Octacosane (C28)	16.819	3170504	24.481 ug/ml
17) T n-Tricontane (C30)	17.711	5459753	40.545 ug/ml
18) T n-Dotriacontane (C32)	18.546	7515738	54.802 ug/ml
19) T n-Tetratriacontane (C34)	19.330	6686535	51.239 ug/ml
20) T n-Hexatriacontane (C36)	20.069	5662712	46.770 ug/ml
21) T n-Octatriacontane (C38)	20.800	4059928	38.530 ug/mlm
22) T n-Tetracontane (C40)	21.711	6072447	57.997 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042221AL\
Data File : FC053323.D
Signal(s) : FID1A.CH
Acq On : 22 Apr 2021 17:31
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

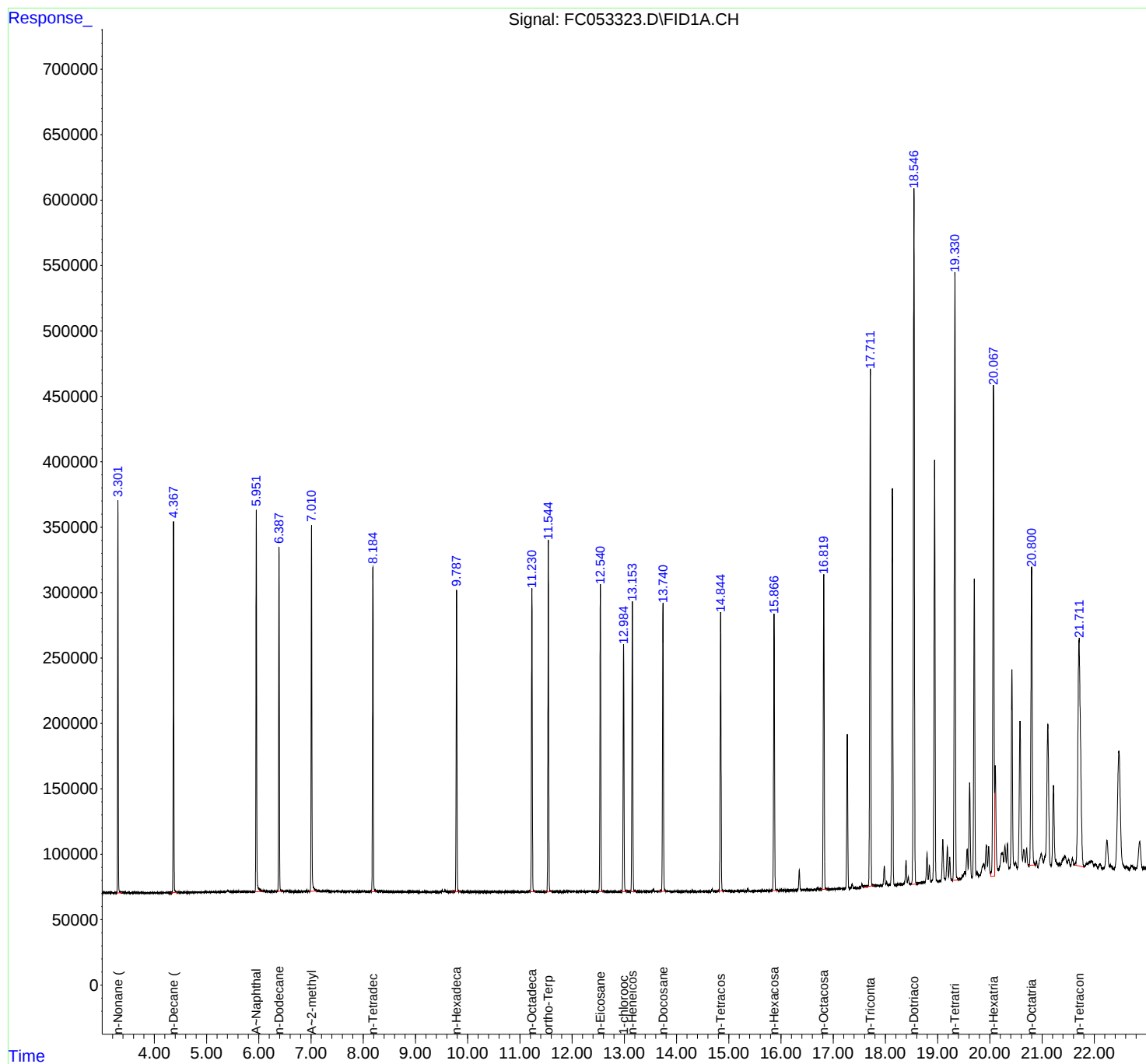
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

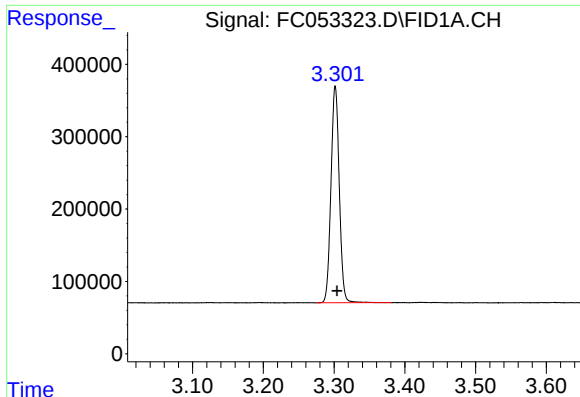
Manual Integrations
APPROVED

Ankita
4/23/2021 4:42:49 PM

Integration File: autoint1.e
Quant Time: Apr 23 07:30:51 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042021.M
Quant Title : GC Extractables
QLast Update : Wed Apr 21 11:02:12 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





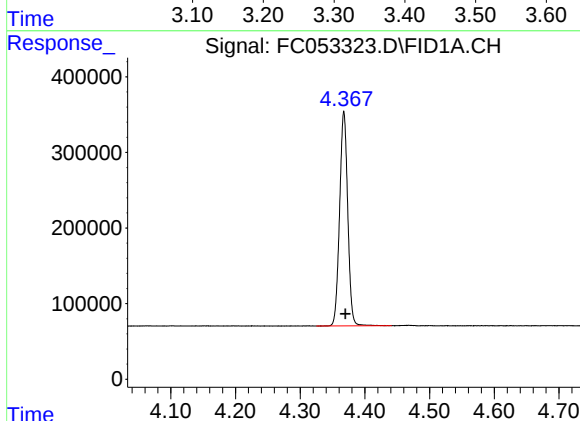
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.002 min
Response: 2438743
Conc: 21.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

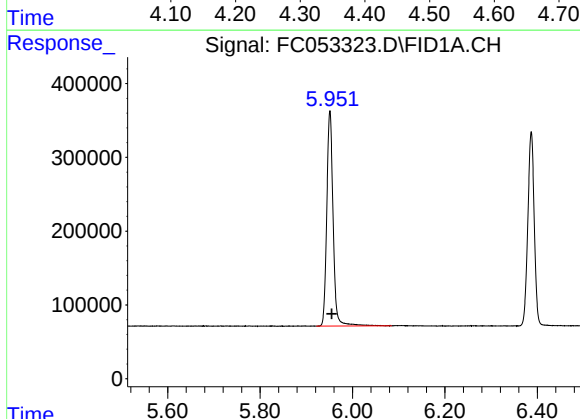
Manual Integrations
APPROVED

Ankita
4/23/2021 4:42:49 PM



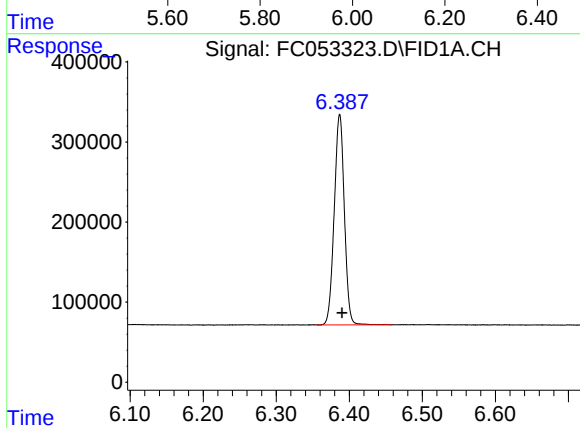
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.002 min
Response: 2470658
Conc: 21.11 ug/ml



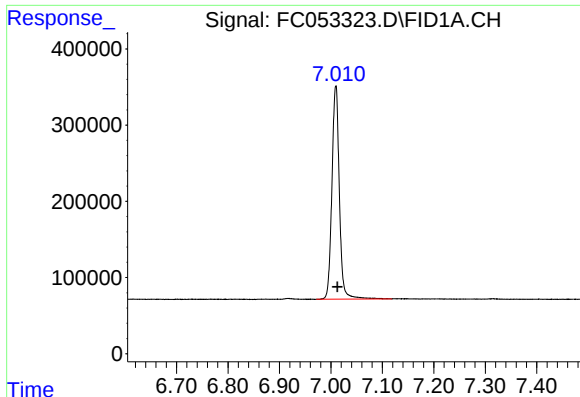
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.004 min
Response: 2778094
Conc: 21.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 2530123
Conc: 21.20 ug/ml



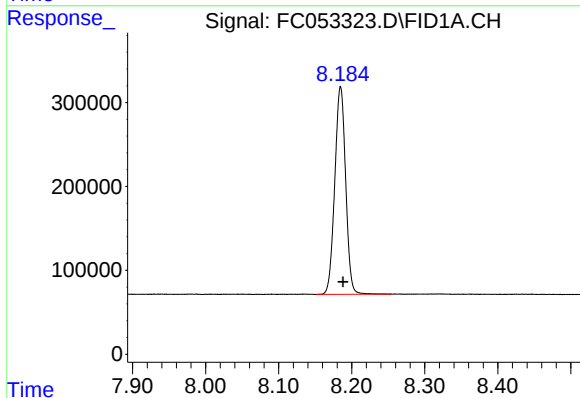
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.003 min
Response: 2811638
Conc: 21.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

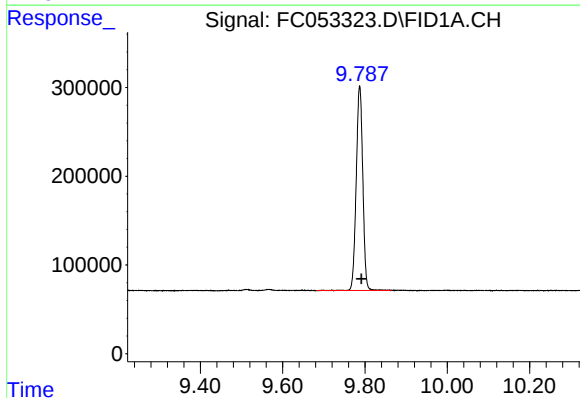
Manual Integrations
APPROVED

Ankita
4/23/2021 4:42:49 PM



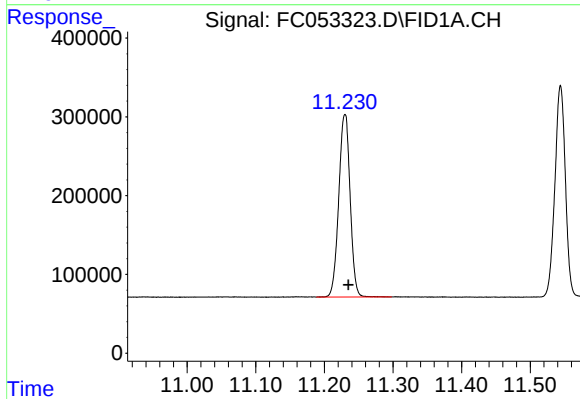
#6 n-Tetradecane (C14)

R.T.: 8.185 min
Delta R.T.: -0.004 min
Response: 2561658
Conc: 21.05 ug/ml



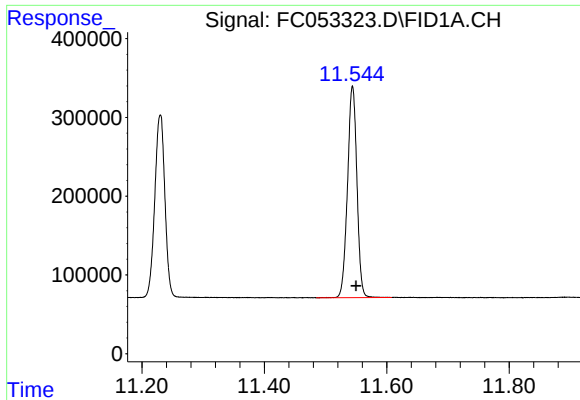
#7 n-Hexadecane (C16)

R.T.: 9.787 min
Delta R.T.: -0.004 min
Response: 2559086
Conc: 21.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.230 min
Delta R.T.: -0.005 min
Response: 2661012
Conc: 21.00 ug/ml



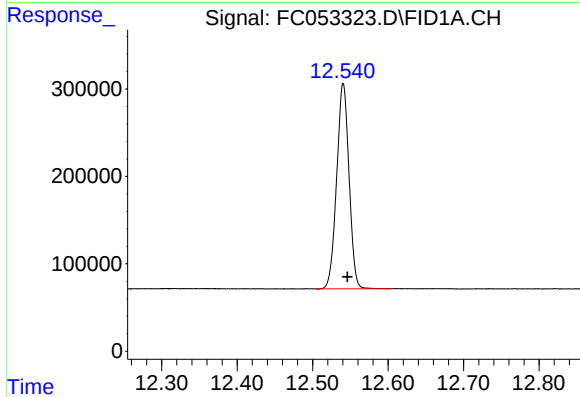
#9 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: -0.006 min
Response: 2862823
Conc: 20.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

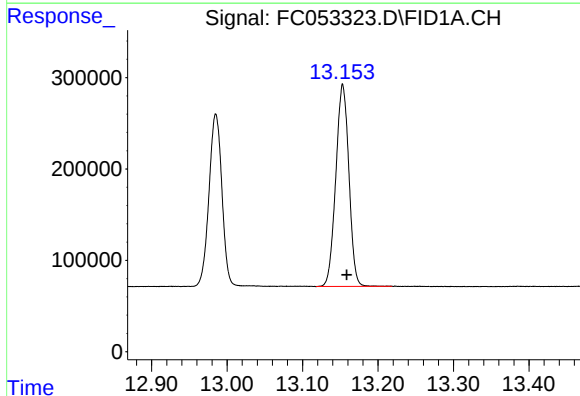
Manual Integrations
APPROVED

Ankita
4/23/2021 4:42:49 PM



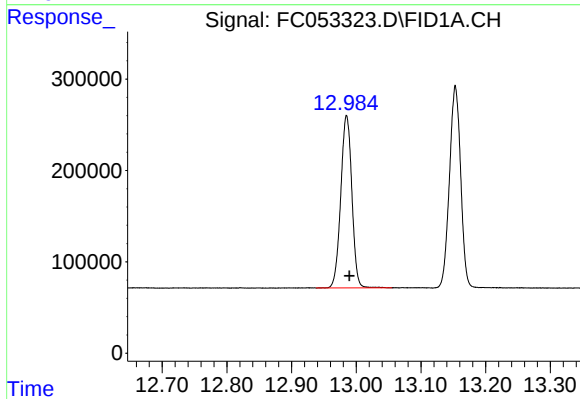
#10 n-Eicosane (C20)

R.T.: 12.541 min
Delta R.T.: -0.006 min
Response: 2678753
Conc: 20.89 ug/ml



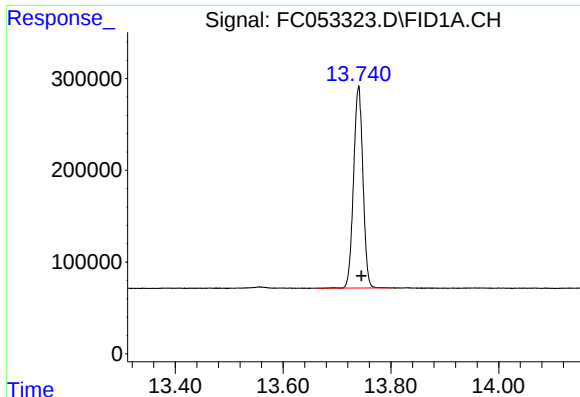
#11 n-Heneicosane (C21)

R.T.: 13.153 min
Delta R.T.: -0.005 min
Response: 2663297
Conc: 20.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.985 min
Delta R.T.: -0.005 min
Response: 2251176
Conc: 20.80 ug/ml



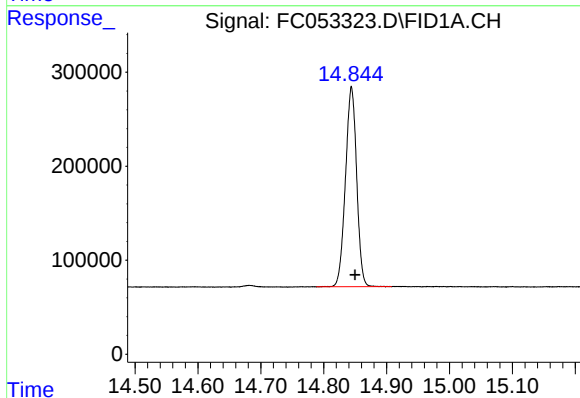
#13 n-Docosane (C22)

R.T.: 13.740 min
Delta R.T.: -0.006 min
Response: 2653787
Conc: 20.59 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

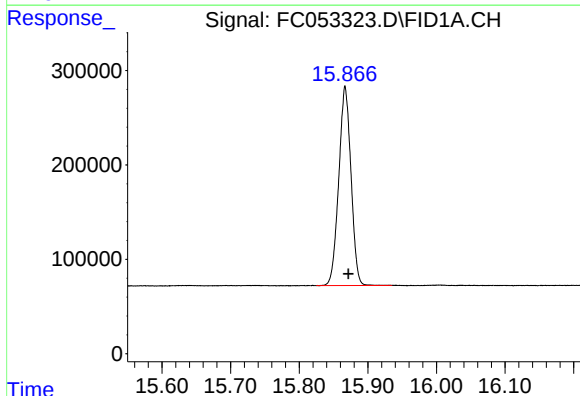
Manual Integrations
APPROVED

Ankita
4/23/2021 4:42:49 PM



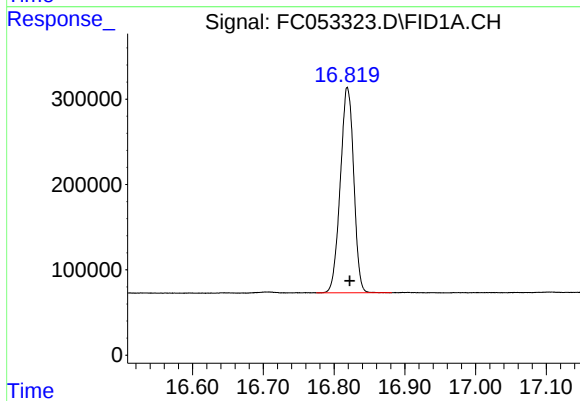
#14 n-Tetracosane (C24)

R.T.: 14.844 min
Delta R.T.: -0.006 min
Response: 2630765
Conc: 20.37 ug/ml



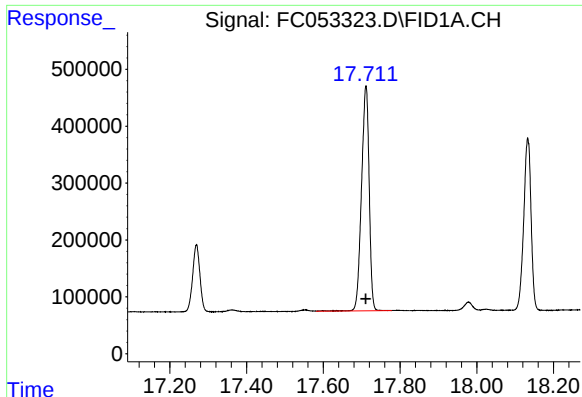
#15 n-Hexacosane (C26)

R.T.: 15.867 min
Delta R.T.: -0.004 min
Response: 2608171
Conc: 20.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.819 min
Delta R.T.: -0.003 min
Response: 3170504
Conc: 24.48 ug/ml



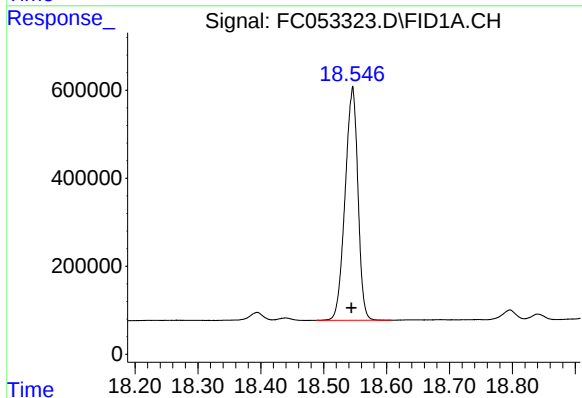
#17 n-Tricontane (C30)

R.T.: 17.711 min
Delta R.T.: 0.000 min
Response: 5459753
Conc: 40.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

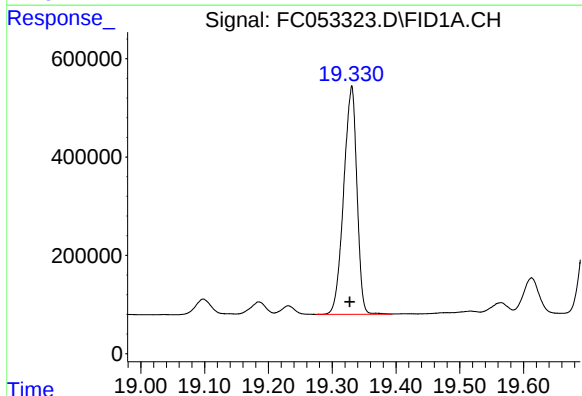
Manual Integrations
APPROVED

Ankita
4/23/2021 4:42:49 PM



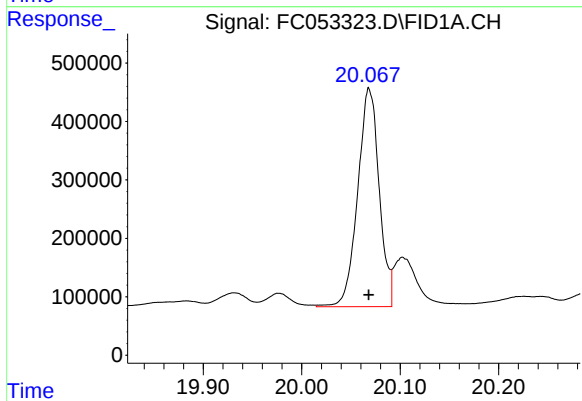
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: 0.002 min
Response: 7515738
Conc: 54.80 ug/ml



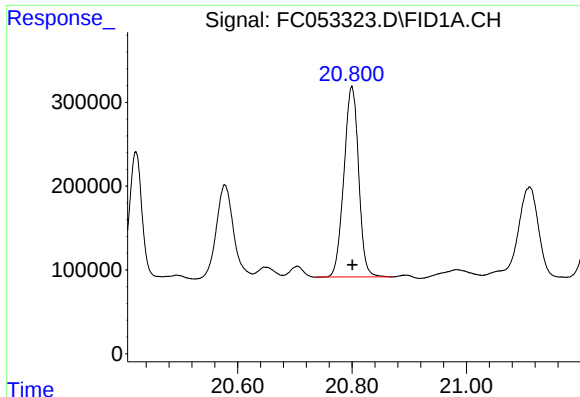
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: 0.003 min
Response: 6686535
Conc: 51.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.069 min
Delta R.T.: 0.000 min
Response: 5662712
Conc: 46.77 ug/ml



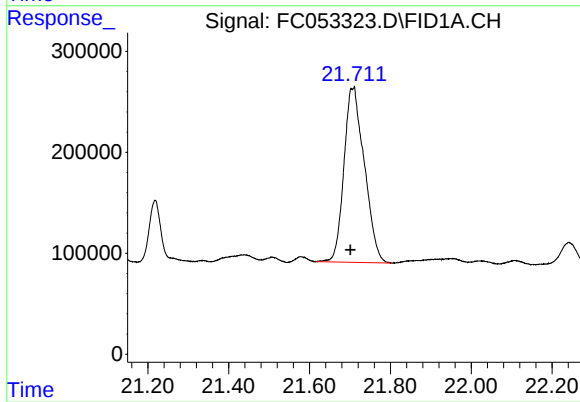
#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: 0.000 min
Response: 4059928
Conc: 38.53 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
4/23/2021 4:42:49 PM



#22 n-Tetracontane (C40)

R.T.: 21.711 min
Delta R.T.: 0.009 min
Response: 6072447
Conc: 58.00 ug/ml m