

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012722AL\
 Data File : FC058153.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jan 2022 10:20
 Operator : AJ\MA
 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

Reviewed By :Yogesh Patel 01/28/2022
 Supervised By :Ankita Jodhani 01/28/2022

Integration File: autoint1.e
 Quant Time: Jan 28 01:01:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 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)	10.696	4139756	21.409 ug/ml
Spiked Amount 50.000		Recovery =	42.82%
12) S 1-chlorooctadecane (S...	12.134	3139792	21.303 ug/ml
Spiked Amount 50.000		Recovery =	42.61%
Target Compounds			
1) T n-Nonane (C9)	2.627	3784928	23.669 ug/ml
2) T n-Decane (C10)	3.616	3892339	24.217 ug/ml
3) T A~Naphthalene (C11.7)	5.154	4324287	23.815 ug/ml
4) T n-Dodecane (C12)	5.588	3934861	24.398 ug/ml
5) T A~2-methylnaphthalene...	6.195	4337023	23.717 ug/ml
6) T n-Tetradecane (C14)	7.368	4014287	24.315 ug/ml
7) T n-Hexadecane (C16)	8.959	3974389	23.793 ug/ml
8) T n-Octadecane (C18)	10.393	3945807	22.929 ug/ml
10) T n-Eicosane (C20)	11.695	3741274	21.854 ug/ml
11) T n-Heneicosane (C21)	12.304	3698942	21.391 ug/ml
13) T n-Docosane (C22)	12.888	3612125	20.879 ug/ml
14) T n-Tetracosane (C24)	13.986	3534192	20.416 ug/ml
15) T n-Hexacosane (C26)	15.001	3427762	20.368 ug/ml
16) T n-Octacosane (C28)	15.948	3504177	21.413 ug/ml
17) T n-Tricontane (C30)	16.831	3641125	23.322 ug/ml
18) T n-Dotriacontane (C32)	17.662	3485552	25.000 ug/ml
19) T n-Tetratriacontane (C34)	18.442	3090027	24.862 ug/ml
20) T n-Hexatriacontane (C36)	19.178	2571325	23.128 ug/mlm
21) T n-Octatriacontane (C38)	19.881	2252570	21.594 ug/mlm
22) T n-Tetracontane (C40)	20.705	1936277	20.222 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012722AL\
Data File : FC058153.D
Signal(s) : FID1A.CH
Acq On : 27 Jan 2022 10:20
Operator : AJ\MA
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

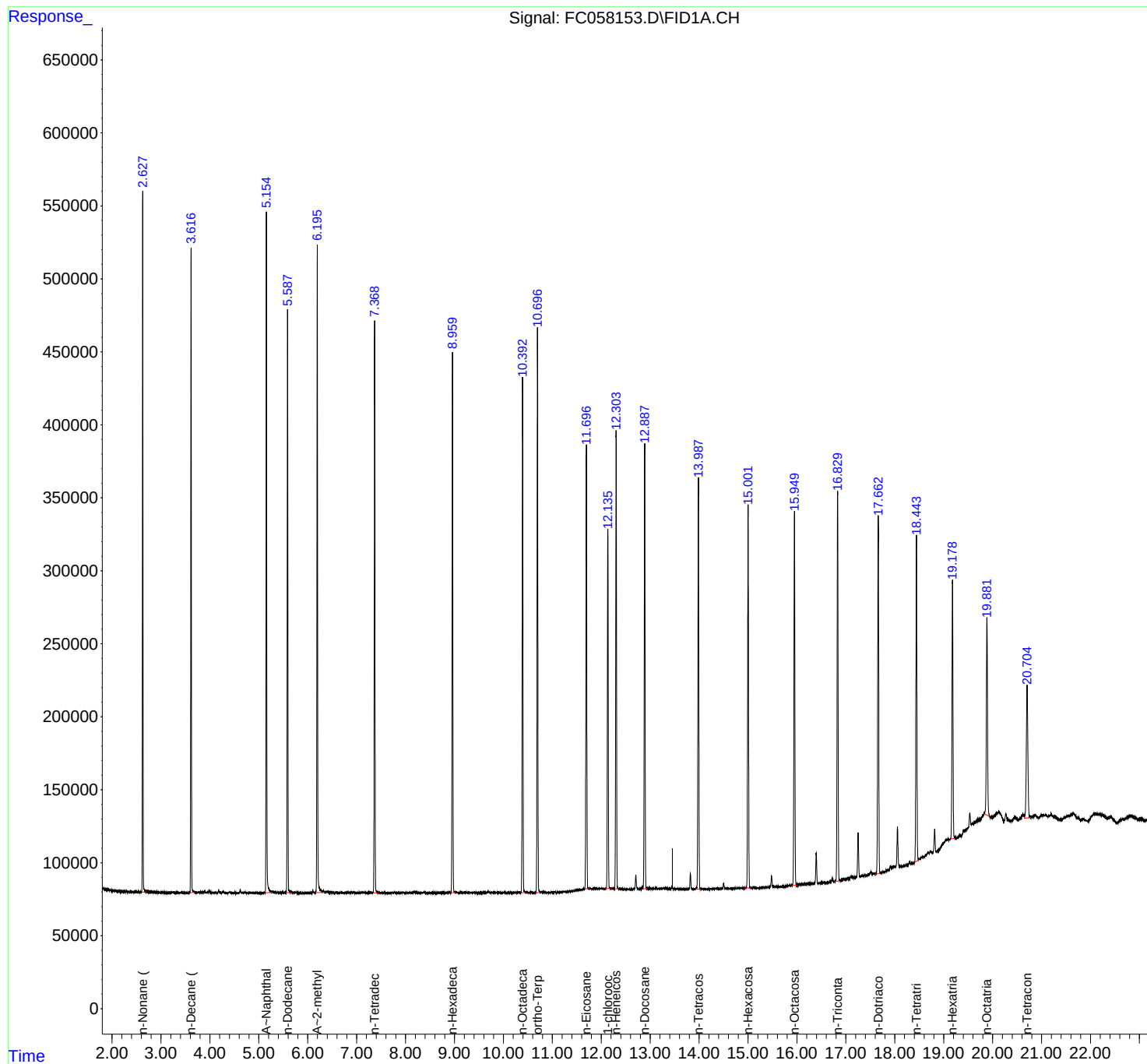
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

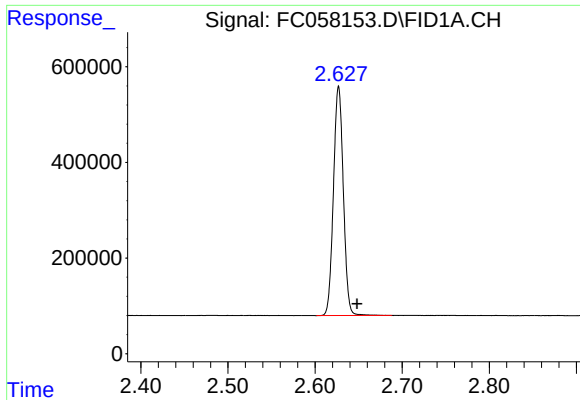
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/28/2022
Supervised By :Ankita Jodhani 01/28/2022

Integration File: autoint1.e
Quant Time: Jan 28 01:01:33 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
Quant Title : GC Extractables
QLast Update : Wed Jan 05 12:13:43 2022
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





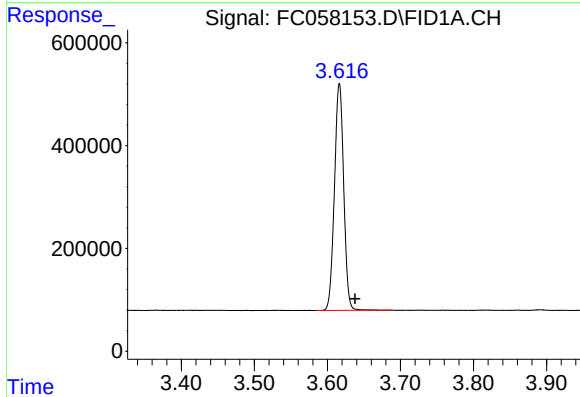
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.021 min
Response: 3784928
Conc: 23.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

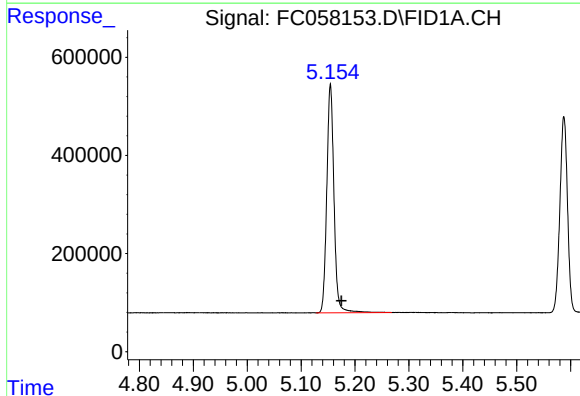
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/28/2022
Supervised By :Ankita Jodhani 01/28/2022



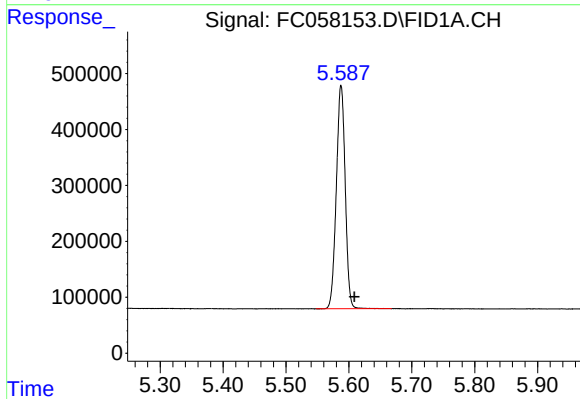
#2 n-Decane (C10)

R.T.: 3.616 min
Delta R.T.: -0.022 min
Response: 3892339
Conc: 24.22 ug/ml



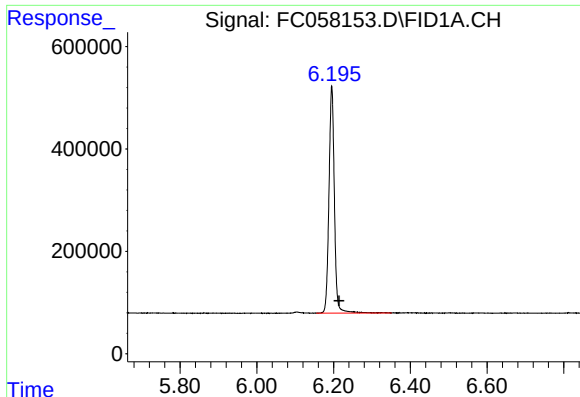
#3 A~Naphthalene (C11.7)

R.T.: 5.154 min
Delta R.T.: -0.020 min
Response: 4324287
Conc: 23.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.588 min
Delta R.T.: -0.021 min
Response: 3934861
Conc: 24.40 ug/ml



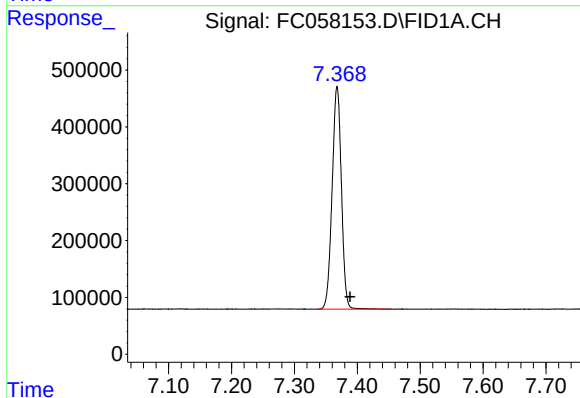
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.195 min
Delta R.T.: -0.019 min
Response: 4337023
Conc: 23.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

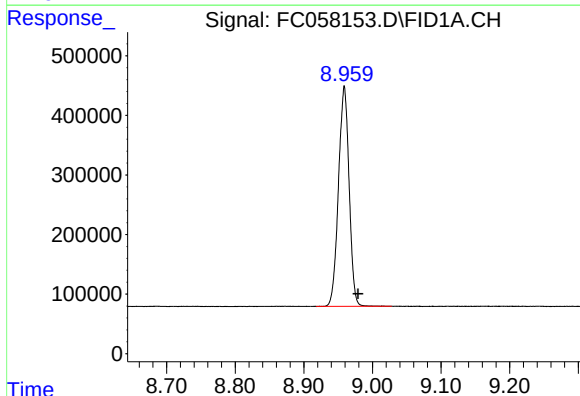
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/28/2022
Supervised By :Ankita Jodhani 01/28/2022



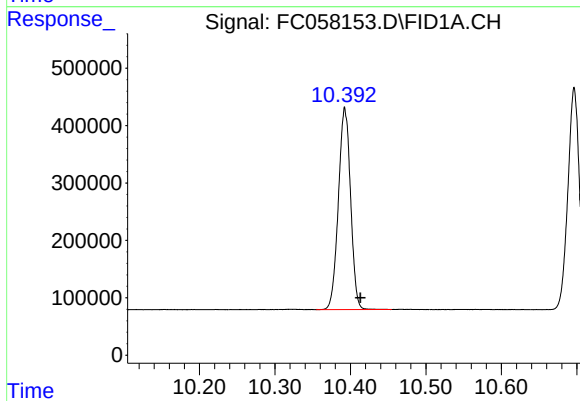
#6 n-Tetradecane (C14)

R.T.: 7.368 min
Delta R.T.: -0.021 min
Response: 4014287
Conc: 24.32 ug/ml



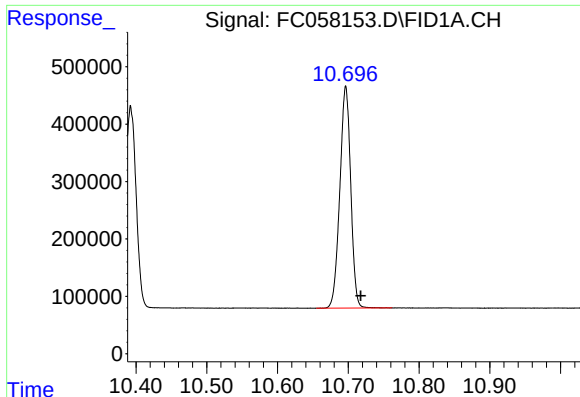
#7 n-Hexadecane (C16)

R.T.: 8.959 min
Delta R.T.: -0.020 min
Response: 3974389
Conc: 23.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.393 min
Delta R.T.: -0.021 min
Response: 3945807
Conc: 22.93 ug/ml



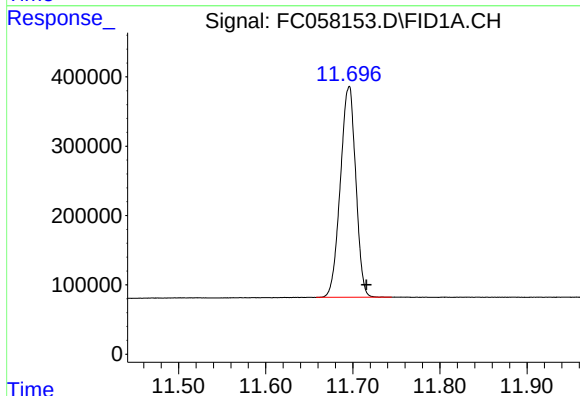
#9 ortho-Terphenyl (SURR)

R.T.: 10.696 min
Delta R.T.: -0.021 min
Response: 4139756
Conc: 21.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

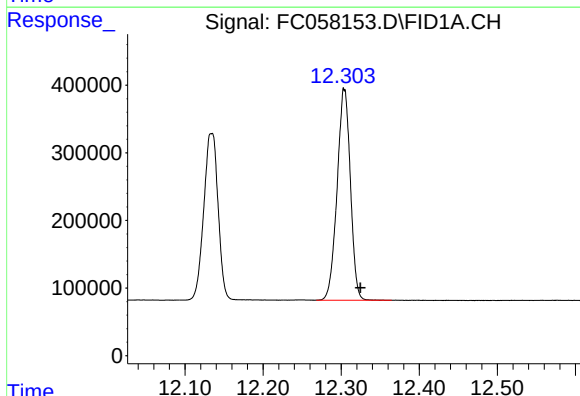
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/28/2022
Supervised By :Ankita Jodhani 01/28/2022



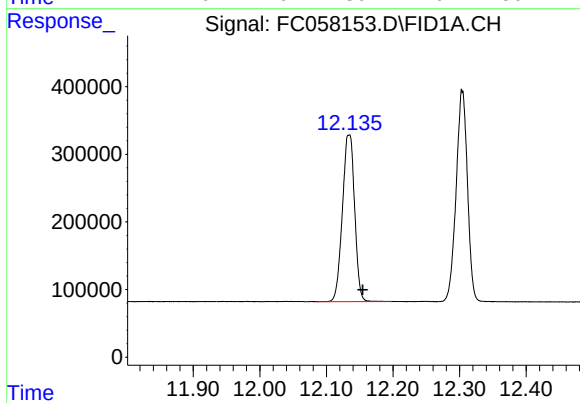
#10 n-Eicosane (C20)

R.T.: 11.695 min
Delta R.T.: -0.020 min
Response: 3741274
Conc: 21.85 ug/ml



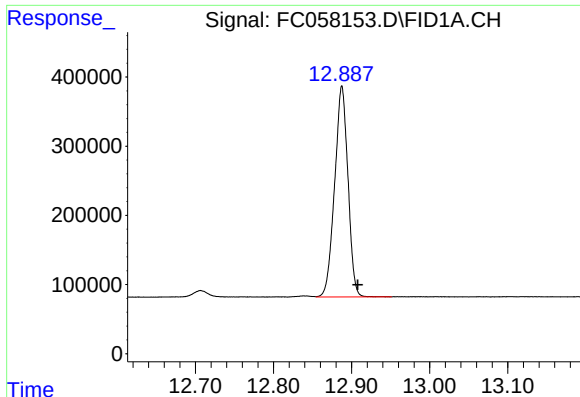
#11 n-Heneicosane (C21)

R.T.: 12.304 min
Delta R.T.: -0.021 min
Response: 3698942
Conc: 21.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.134 min
Delta R.T.: -0.021 min
Response: 3139792
Conc: 21.30 ug/ml



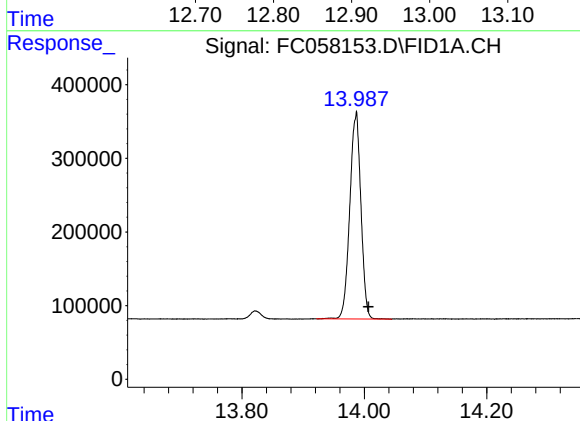
#13 n-Docosane (C22)

R.T.: 12.888 min
Delta R.T.: -0.020 min
Response: 3612125
Conc: 20.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

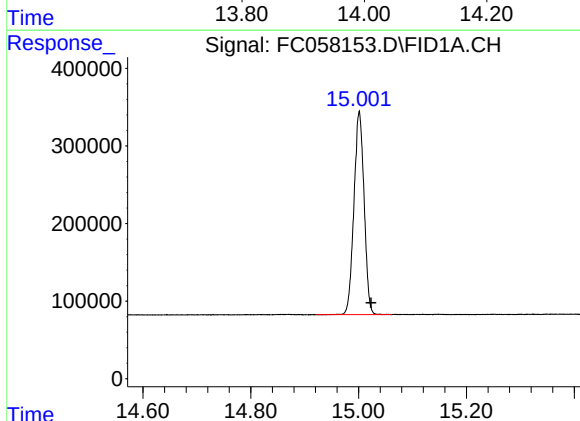
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/28/2022
Supervised By :Ankita Jodhani 01/28/2022



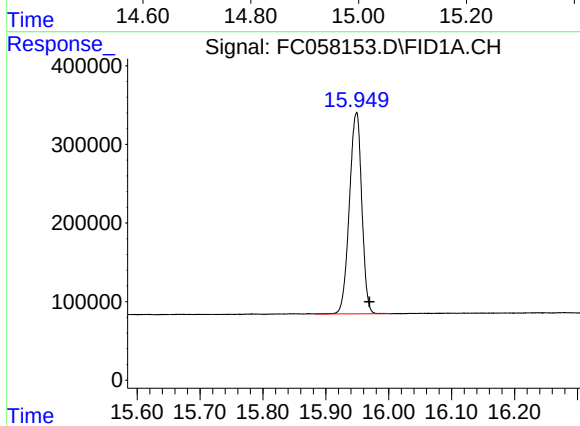
#14 n-Tetracosane (C24)

R.T.: 13.986 min
Delta R.T.: -0.020 min
Response: 3534192
Conc: 20.42 ug/ml



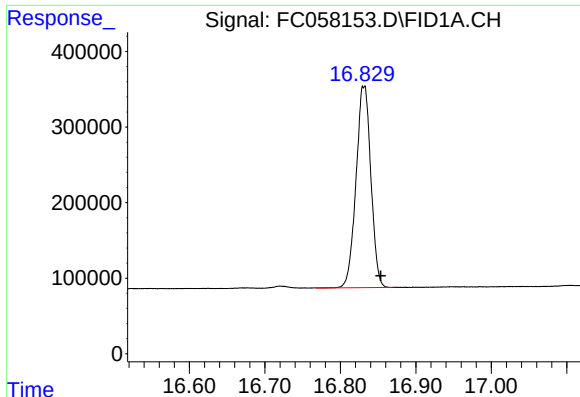
#15 n-Hexacosane (C26)

R.T.: 15.001 min
Delta R.T.: -0.022 min
Response: 3427762
Conc: 20.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.948 min
Delta R.T.: -0.021 min
Response: 3504177
Conc: 21.41 ug/ml



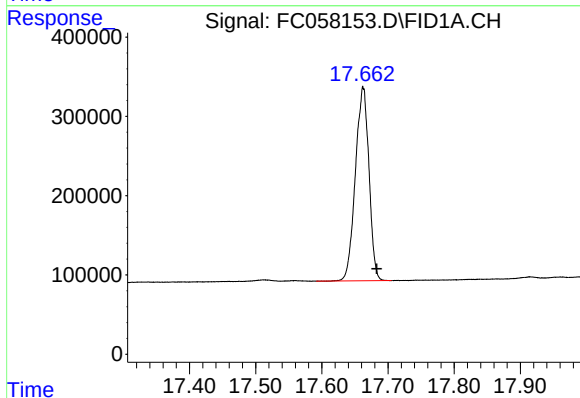
#17 n-Tricontane (C30)

R.T.: 16.831 min
Delta R.T.: -0.022 min
Response: 3641125
Conc: 23.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

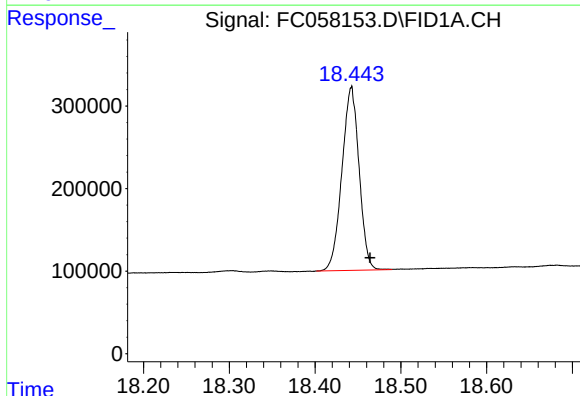
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/28/2022
Supervised By :Ankita Jodhani 01/28/2022



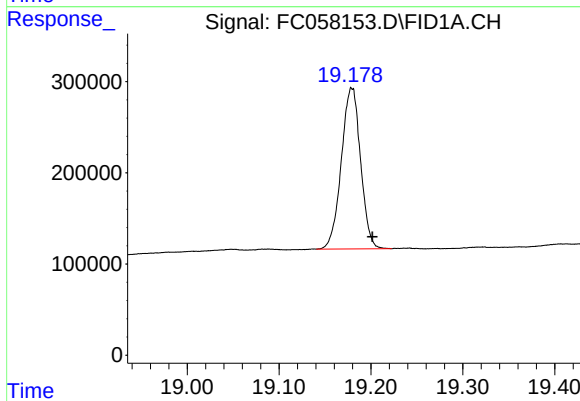
#18 n-Dotriacontane (C32)

R.T.: 17.662 min
Delta R.T.: -0.021 min
Response: 3485552
Conc: 25.00 ug/ml



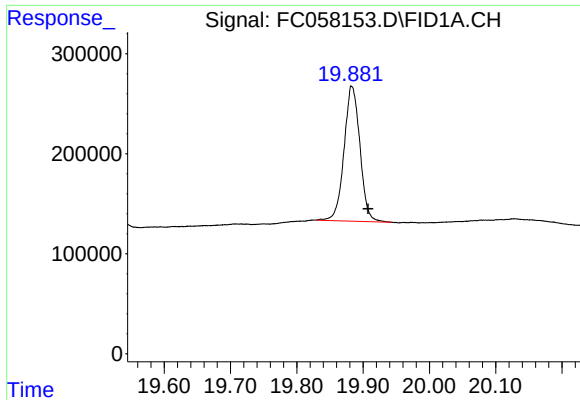
#19 n-Tetratriacontane (C34)

R.T.: 18.442 min
Delta R.T.: -0.022 min
Response: 3090027
Conc: 24.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.178 min
Delta R.T.: -0.024 min
Response: 2571325
Conc: 23.13 ug/ml m



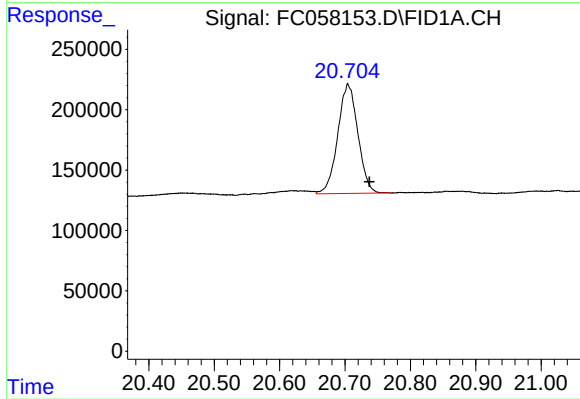
#21 n-Octatriacontane (C38)

R.T.: 19.881 min
Delta R.T.: -0.026 min
Response: 2252570
Conc: 21.59 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/28/2022
Supervised By :Ankita Jodhani 01/28/2022



#22 n-Tetracontane (C40)

R.T.: 20.705 min
Delta R.T.: -0.032 min
Response: 1936277
Conc: 20.22 ug/ml