

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050922AL\
 Data File : FC059643.D
 Signal(s) : FID1A.CH
 Acq On : 09 May 2022 23:47
 Operator : UA/NP
 Sample : N2745-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MH-31SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/10/2022
 Supervised By :mohammad ahmed 05/10/2022

Integration File: sample.E
 Quant Time: May 10 02:06:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.677	5115698	34.837 ug/ml
Spiked Amount 50.000		Recovery =	69.67%
12) S 1-chlorooctadecane (S...	12.045	4127864	35.869 ug/ml
Spiked Amount 50.000		Recovery =	71.74%
Target Compounds			
1) T n-Nonane (C9)	2.647	3873219	30.330 ug/ml
2) T n-Decane (C10)	3.649	4503747	35.562 ug/ml
3) T A~Naphthalene (C11.7)	5.186	5723437	38.870 ug/ml
4) T n-Dodecane (C12)	5.603	5076295	38.600 ug/ml
5) T A~2-methylnaphthalene...	6.211	5917077	39.364 ug/ml
6) T n-Tetradecane (C14)	7.357	5546367	41.219 ug/ml
7) T n-Hexadecane (C16)	8.920	6146803	44.797 ug/ml
8) T n-Octadecane (C18)	10.331	6876623	49.900 ug/ml
10) T n-Eicosane (C20)	11.612	6724197	49.995 ug/ml
11) T n-Heneicosane (C21)	12.209	6634697	49.734 ug/ml
13) T n-Docosane (C22)	12.782	6510855	49.610 ug/ml
14) T n-Tetracosane (C24)	13.855	12066744	95.904 ug/ml
15) T n-Hexacosane (C26)	14.861	5952329	49.839 ug/ml
16) T n-Octacosane (C28)	15.786	5728957	50.322 ug/ml
17) T n-Tricontane (C30)	16.656	5384479	48.984 ug/ml
18) T n-Dotriacontane (C32)	17.466	5341909	51.671 ug/ml
19) T n-Tetratriacontane (C34)	18.230	4758934	48.744 ug/mlm
20) T n-Hexatriacontane (C36)	18.952	4499231	48.465 ug/mlm
21) T n-Octatriacontane (C38)	19.635	4294243	45.111 ug/mlm
22) T n-Tetracontane (C40)	20.284	4199153	44.358 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050922AL\
Data File : FC059643.D
Signal(s) : FID1A.CH
Acq On : 09 May 2022 23:47
Operator : UA/NP
Sample : N2745-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

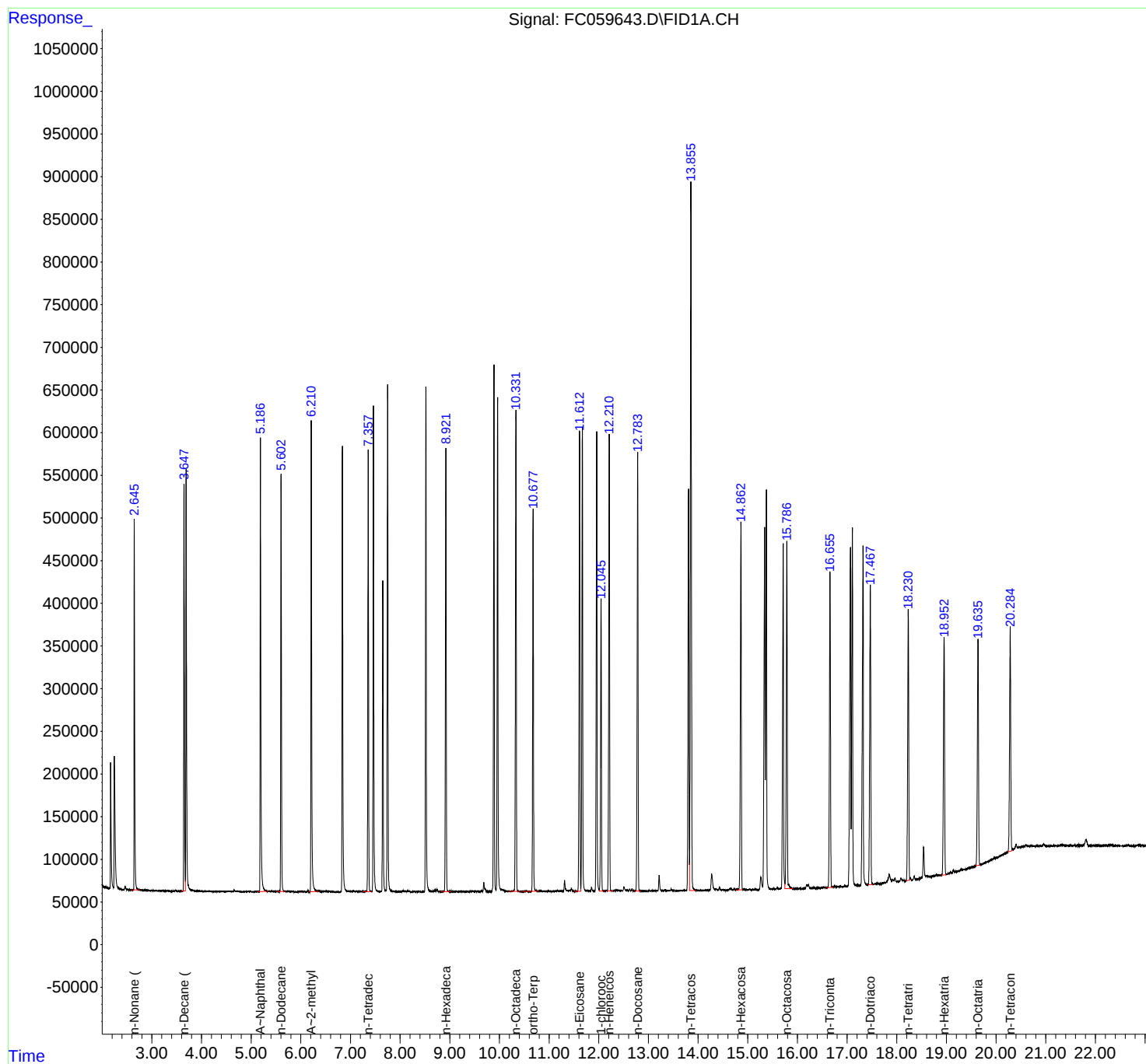
Instrument :
FID_C
ClientSampleId :
MH-31SMS

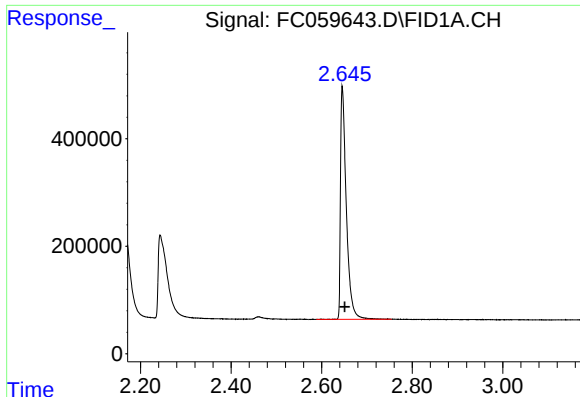
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2022
Supervised By :mohammad ahmed 05/10/2022

Integration File: sample.E
Quant Time: May 10 02:06:42 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
Quant Title : GC Extractables
QLast Update : Mon May 09 11:12:42 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





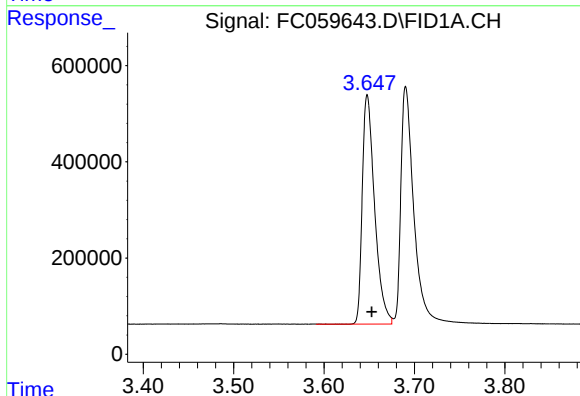
#1 n-Nonane (C9)

R.T.: 2.647 min
Delta R.T.: -0.004 min
Response: 3873219
Conc: 30.33 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-31SMS

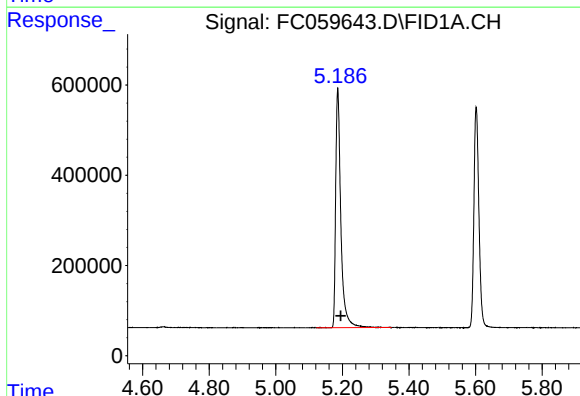
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2022
Supervised By :mohammad ahmed 05/10/2022



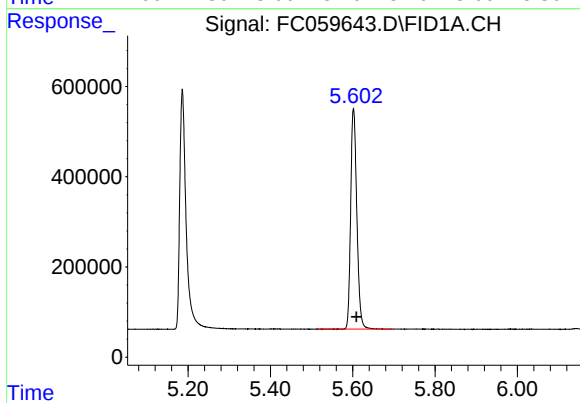
#2 n-Decane (C10)

R.T.: 3.649 min
Delta R.T.: -0.004 min
Response: 4503747
Conc: 35.56 ug/ml



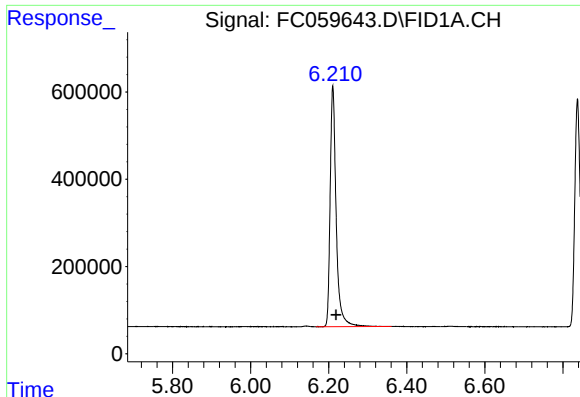
#3 A~Naphthalene (C11.7)

R.T.: 5.186 min
Delta R.T.: -0.008 min
Response: 5723437
Conc: 38.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.603 min
Delta R.T.: -0.006 min
Response: 5076295
Conc: 38.60 ug/ml



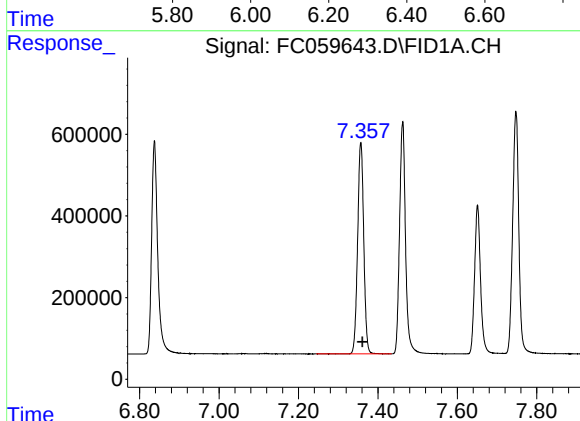
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.211 min
Delta R.T.: -0.008 min
Response: 5917077
Conc: 39.36 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-31SMS

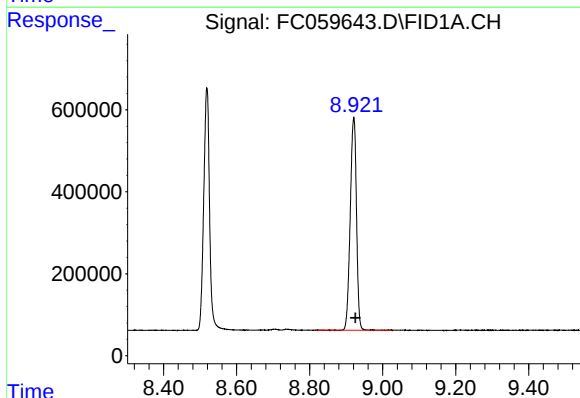
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2022
Supervised By :mohammad ahmed 05/10/2022



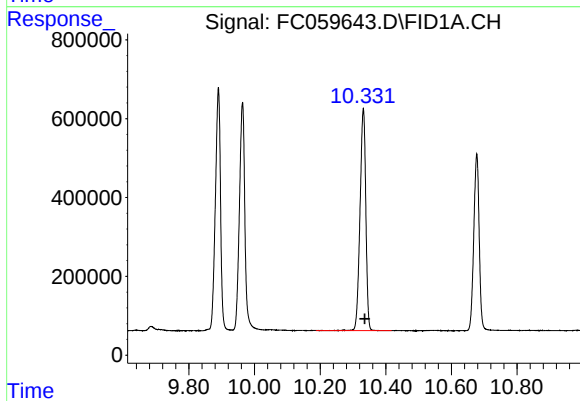
#6 n-Tetradecane (C14)

R.T.: 7.357 min
Delta R.T.: -0.004 min
Response: 5546367
Conc: 41.22 ug/ml



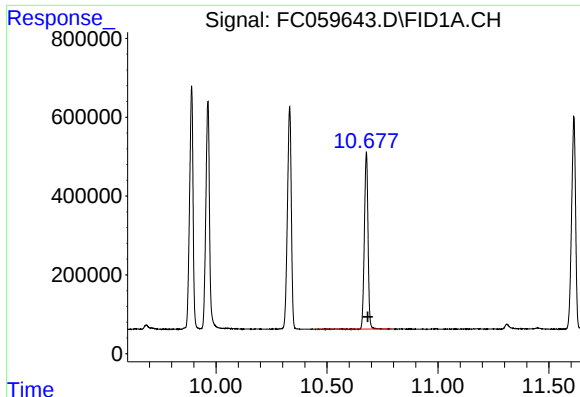
#7 n-Hexadecane (C16)

R.T.: 8.920 min
Delta R.T.: -0.005 min
Response: 6146803
Conc: 44.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.331 min
Delta R.T.: -0.004 min
Response: 6876623
Conc: 49.90 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.677 min
Delta R.T.: -0.006 min
Response: 5115698
Conc: 34.84 ug/ml

Instrument :

FID_C

ClientSampleId :

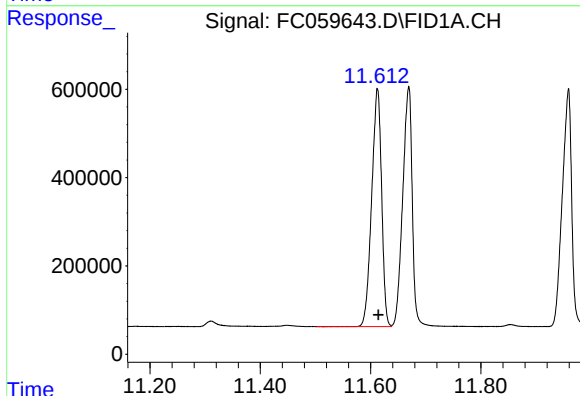
MH-31SMS

Manual Integrations

APPROVED

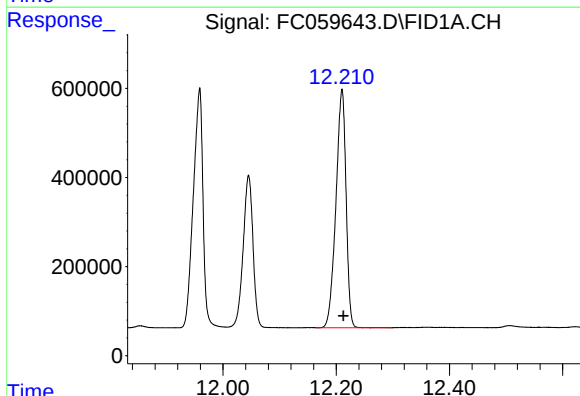
Reviewed By :Yogesh Patel 05/10/2022

Supervised By :mohammad ahmed 05/10/2022



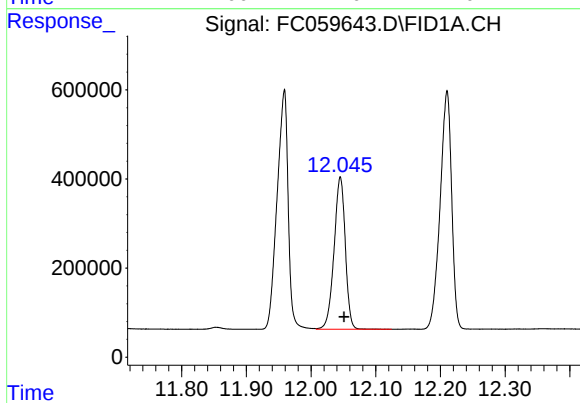
#10 n-Eicosane (C20)

R.T.: 11.612 min
Delta R.T.: -0.003 min
Response: 6724197
Conc: 50.00 ug/ml



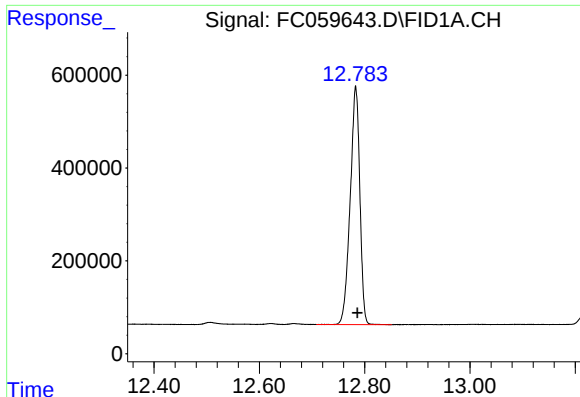
#11 n-Heneicosane (C21)

R.T.: 12.209 min
Delta R.T.: -0.004 min
Response: 6634697
Conc: 49.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.045 min
Delta R.T.: -0.006 min
Response: 4127864
Conc: 35.87 ug/ml



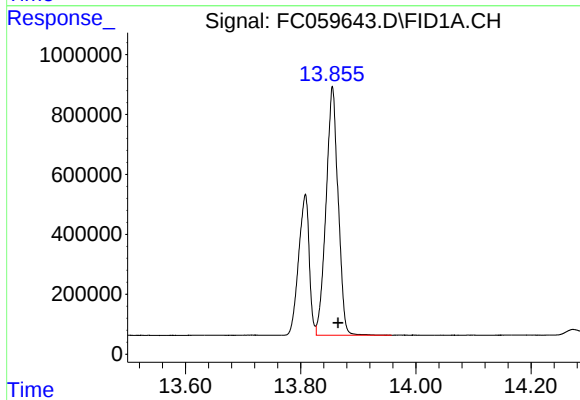
#13 n-Docosane (C22)

R.T.: 12.782 min
Delta R.T.: -0.004 min
Response: 6510855
Conc: 49.61 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-31SMS

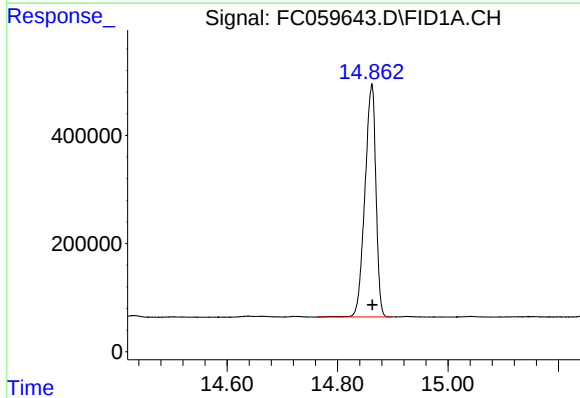
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2022
Supervised By :mohammad ahmed 05/10/2022



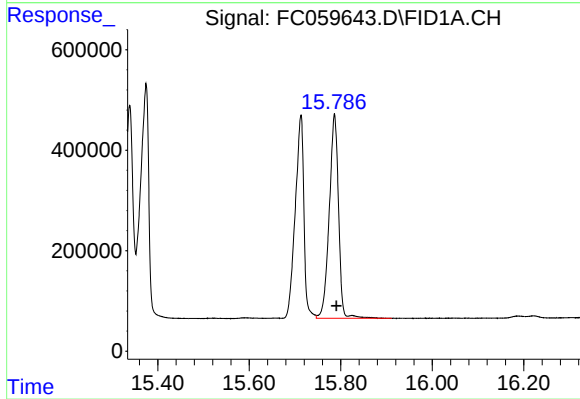
#14 n-Tetracosane (C24)

R.T.: 13.855 min
Delta R.T.: -0.010 min
Response: 12066744
Conc: 95.90 ug/ml



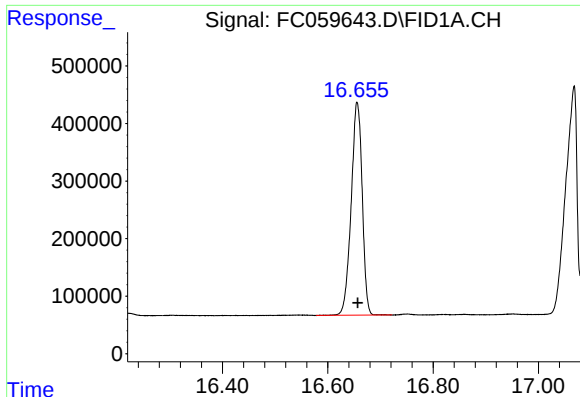
#15 n-Hexacosane (C26)

R.T.: 14.861 min
Delta R.T.: -0.002 min
Response: 5952329
Conc: 49.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.786 min
Delta R.T.: -0.004 min
Response: 5728957
Conc: 50.32 ug/ml



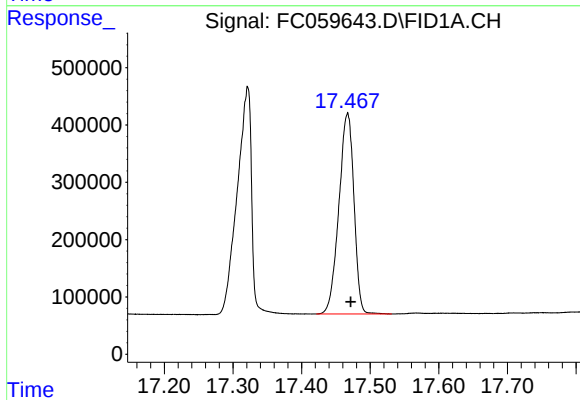
#17 n-Tricontane (C30)

R.T.: 16.656 min
Delta R.T.: -0.002 min
Response: 5384479
Conc: 48.98 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-31SMS

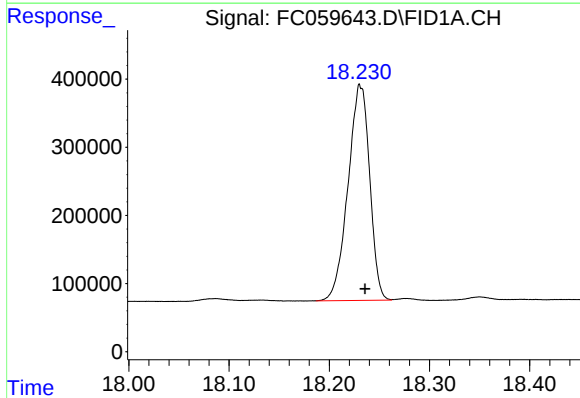
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2022
Supervised By :mohammad ahmed 05/10/2022



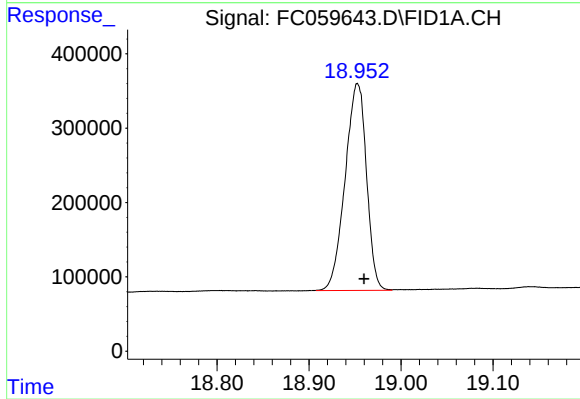
#18 n-Dotriacontane (C32)

R.T.: 17.466 min
Delta R.T.: -0.005 min
Response: 5341909
Conc: 51.67 ug/ml



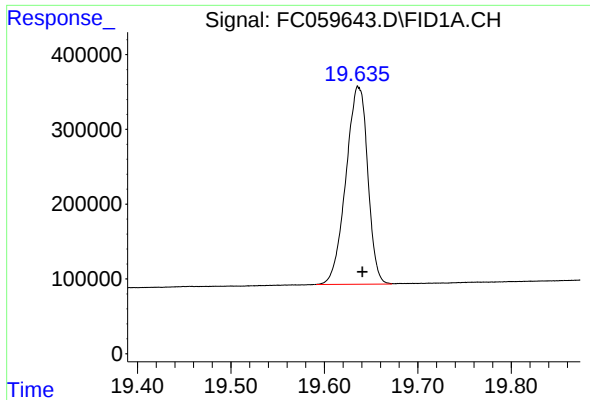
#19 n-Tetratriacontane (C34)

R.T.: 18.230 min
Delta R.T.: -0.006 min
Response: 4758934
Conc: 48.74 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.952 min
Delta R.T.: -0.008 min
Response: 4499231
Conc: 48.47 ug/ml m



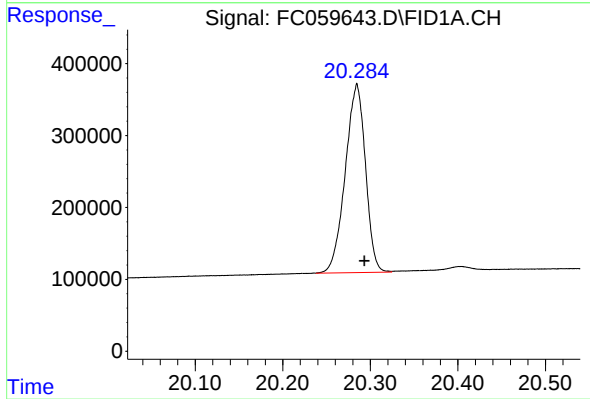
#21 n-Octatriacontane (C38)

R.T.: 19.635 min
Delta R.T.: -0.005 min
Response: 4294243
Conc: 45.11 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-31SMS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2022
Supervised By :mohammad ahmed 05/10/2022



#22 n-Tetracontane (C40)

R.T.: 20.284 min
Delta R.T.: -0.009 min
Response: 4199153
Conc: 44.36 ug/ml m