

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042522AL\
 Data File : FC059407.D
 Signal(s) : FID1A.CH
 Acq On : 25 Apr 2022 16:09
 Operator : UA/NP
 Sample : N2526-09MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MH-5D-EPHMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2022
 Supervised By :mohammad ahmed 04/27/2022

Integration File: sample.E
 Quant Time: Apr 26 02:16:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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)	11.102	6411243	39.898 ug/ml
Spiked Amount 50.000		Recovery =	79.80%
12) S 1-chlorooctadecane (S...	12.548	5290720	40.516 ug/ml
Spiked Amount 50.000		Recovery =	81.03%
Target Compounds			
1) T n-Nonane (C9)	2.968	4105577	32.758 ug/ml
2) T n-Decane (C10)	4.008	4645170	37.181 ug/ml
3) T A~Naphthalene (C11.7)	5.553	5418933	44.176 ug/ml
4) T n-Dodecane (C12)	6.003	5156188	39.101 ug/ml
5) T A~2-methylnaphthalene...	6.601	5547800	43.958 ug/ml
6) T n-Tetradecane (C14)	7.786	5685240	42.031 ug/ml
7) T n-Hexadecane (C16)	9.376	6359853	45.284 ug/ml
8) T n-Octadecane (C18)	10.811	6998240	47.908 ug/ml
10) T n-Eicosane (C20)	12.113	7072449	47.159 ug/mlm
11) T n-Heneicosane (C21)	12.721	6700619	44.051 ug/ml
13) T n-Docosane (C22)	13.304	6573762	42.903 ug/ml
14) T n-Tetracosane (C24)	14.401	6715699	43.371 ug/mlm
15) T n-Hexacosane (C26)	15.421	5981638	38.812 ug/mlm
16) T n-Octacosane (C28)	16.363	5794330	37.430 ug/ml
17) T n-Tricontane (C30)	17.249	5294349	34.857 ug/mlm
18) T n-Dotriacontane (C32)	18.076	5205214	36.942 ug/mlm
19) T n-Tetratriacontane (C34)	18.856	4847844	38.357 ug/ml
20) T n-Hexatriacontane (C36)	19.593	4625039	42.285 ug/ml
21) T n-Octatriacontane (C38)	20.291	4552847	48.886 ug/mlm
22) T n-Tetracontane (C40)	21.035	4570748	54.721 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042522AL\
Data File : FC059407.D
Signal(s) : FID1A.CH
Acq On : 25 Apr 2022 16:09
Operator : UA/NP
Sample : N2526-09MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

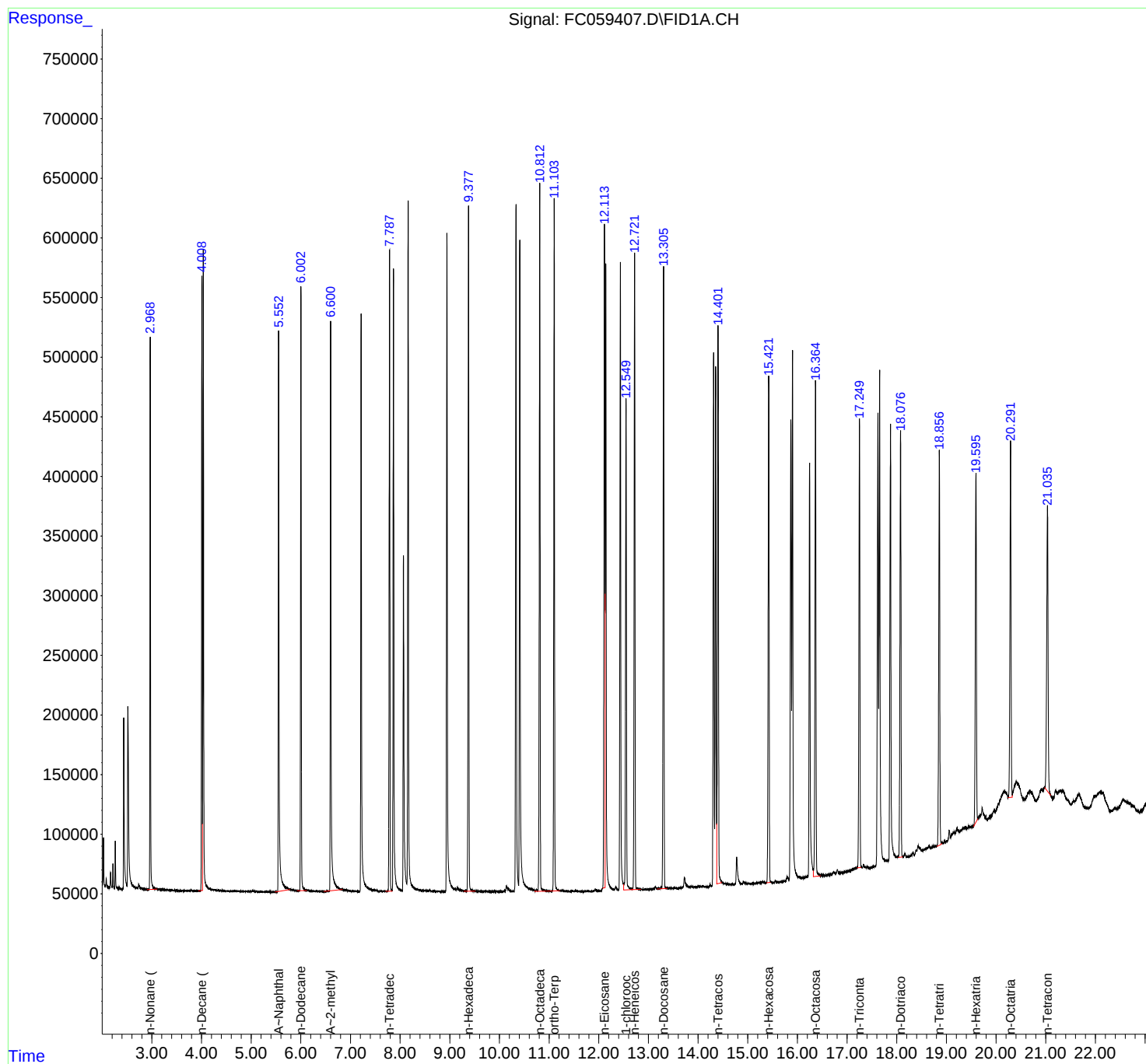
Instrument :
FID_C
ClientSampleId :
MH-5D-EPHMS

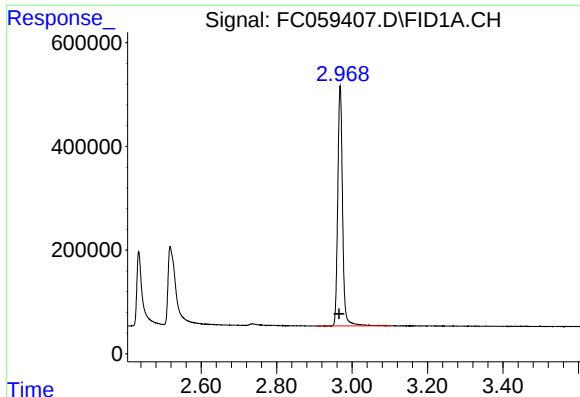
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2022
Supervised By :mohammad ahmed 04/27/2022

Integration File: sample.E
Quant Time: Apr 26 02:16:21 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
Quant Title : GC Extractables
QLast Update : Thu Apr 21 17:30:29 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





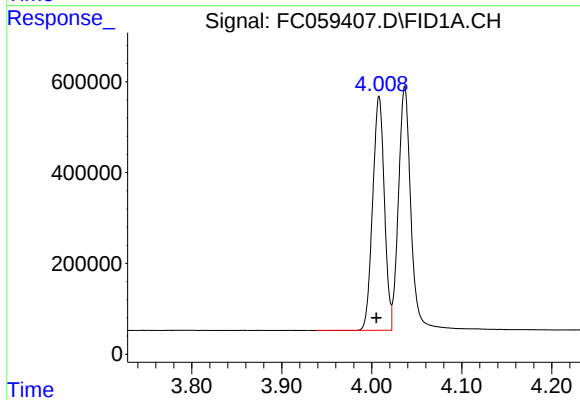
#1 n-Nonane (C9)

R.T.: 2.968 min
Delta R.T.: 0.002 min
Response: 4105577
Conc: 32.76 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-5D-EPHMS

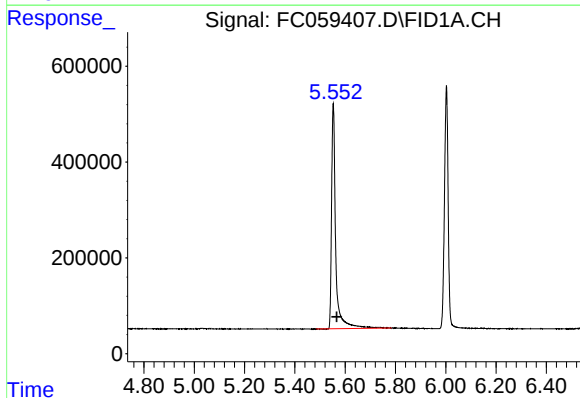
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2022
Supervised By :mohammad ahmed 04/27/2022



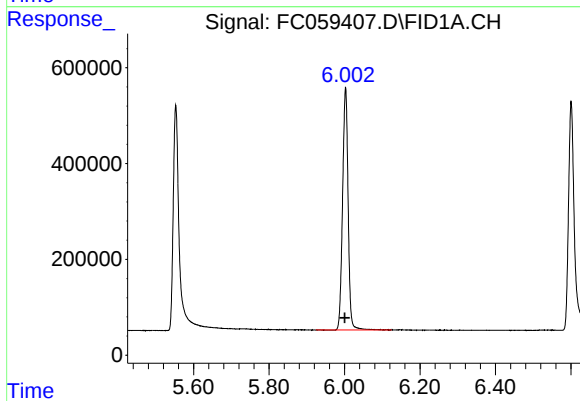
#2 n-Decane (C10)

R.T.: 4.008 min
Delta R.T.: 0.003 min
Response: 4645170
Conc: 37.18 ug/ml



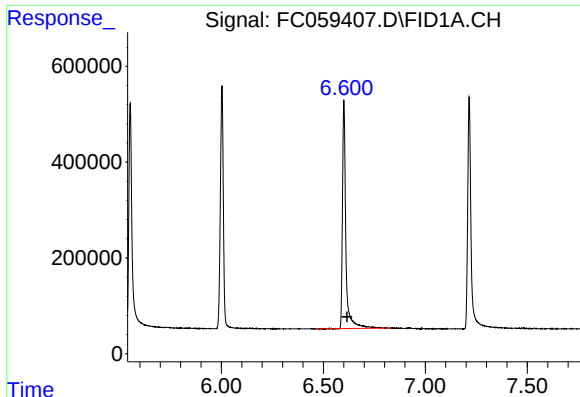
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min
Delta R.T.: -0.014 min
Response: 5418933
Conc: 44.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.003 min
Delta R.T.: 0.002 min
Response: 5156188
Conc: 39.10 ug/ml



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

R.T.: 6.601 min
Delta R.T.: -0.015 min
Response: 5547800
Conc: 43.96 ug/ml

Instrument :

FID_C

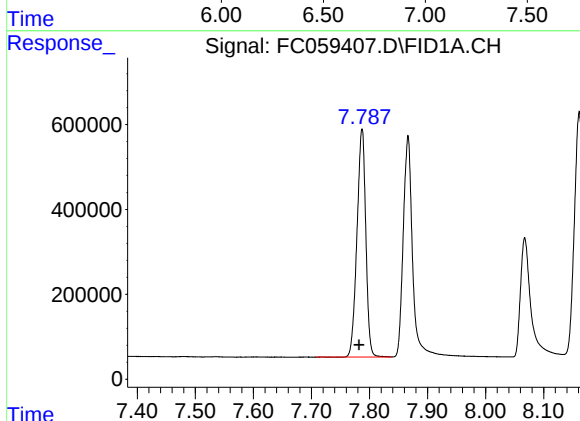
ClientSampleId :

MH-5D-EPHMS

Manual Integrations

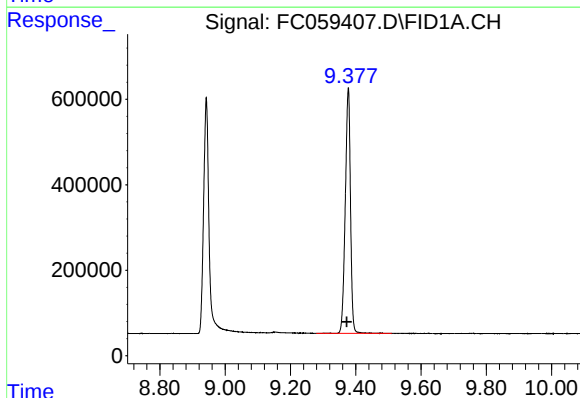
APPROVED

Reviewed By :Yogesh Patel 04/26/2022
Supervised By :mohammad ahmed 04/27/2022



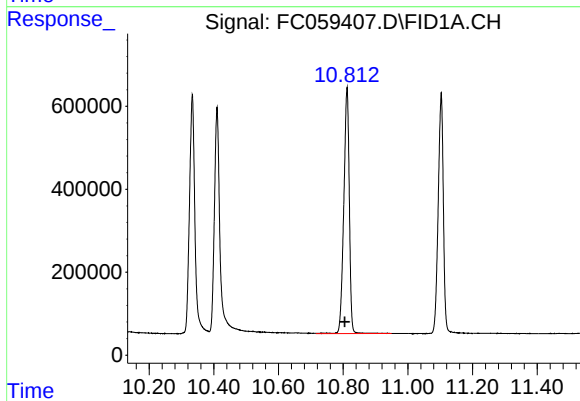
#6 n-Tetradecane (C14)

R.T.: 7.786 min
Delta R.T.: 0.005 min
Response: 5685240
Conc: 42.03 ug/ml



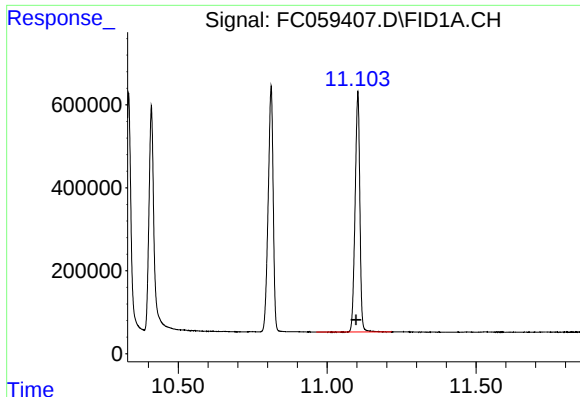
#7 n-Hexadecane (C16)

R.T.: 9.376 min
Delta R.T.: 0.004 min
Response: 6359853
Conc: 45.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.811 min
Delta R.T.: 0.006 min
Response: 6998240
Conc: 47.91 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.102 min
Delta R.T.: 0.005 min
Response: 6411243
Conc: 39.90 ug/ml

Instrument :

FID_C

ClientSampleId :

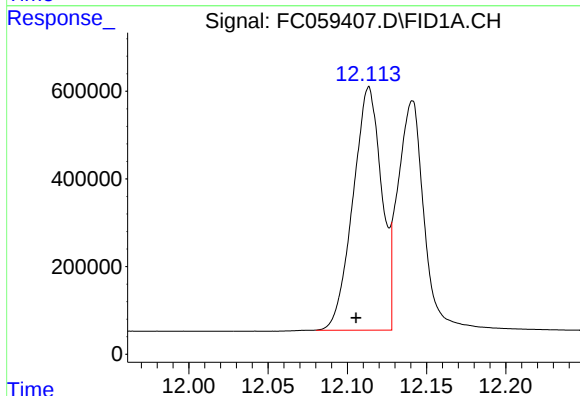
MH-5D-EPHMS

Manual Integrations

APPROVED

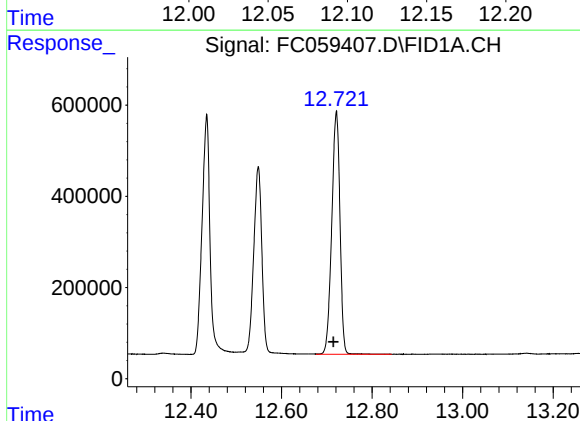
Reviewed By :Yogesh Patel 04/26/2022

Supervised By :mohammad ahmed 04/27/2022



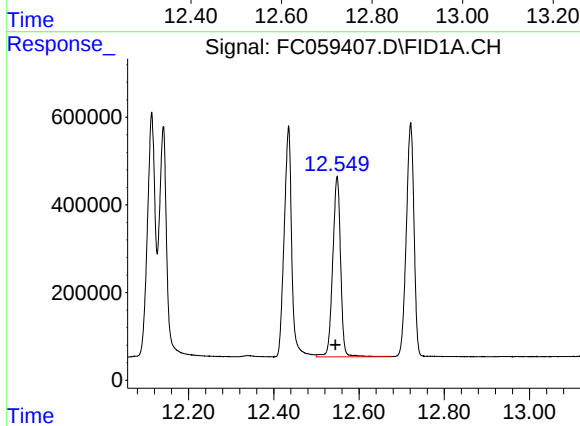
#10 n-Eicosane (C20)

R.T.: 12.113 min
Delta R.T.: 0.008 min
Response: 7072449
Conc: 47.16 ug/ml m



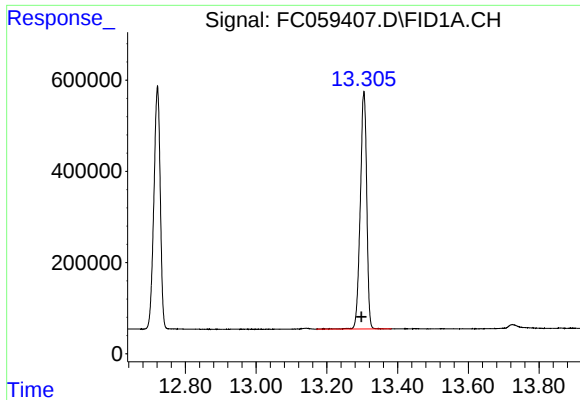
#11 n-Heneicosane (C21)

R.T.: 12.721 min
Delta R.T.: 0.006 min
Response: 6700619
Conc: 44.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.548 min
Delta R.T.: 0.004 min
Response: 5290720
Conc: 40.52 ug/ml



#13 n-Docosane (C22)

R.T.: 13.304 min
Delta R.T.: 0.006 min
Response: 6573762
Conc: 42.90 ug/ml

Instrument :

FID_C

ClientSampleId :

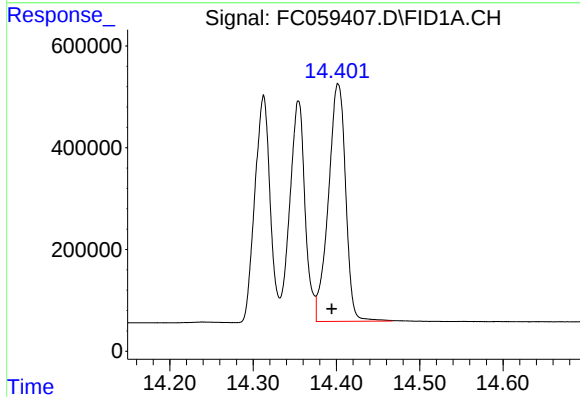
MH-5D-EPHMS

Manual Integrations

APPROVED

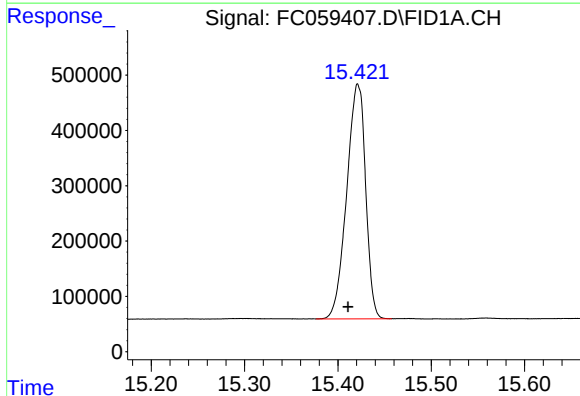
Reviewed By :Yogesh Patel 04/26/2022

Supervised By :mohammad ahmed 04/27/2022



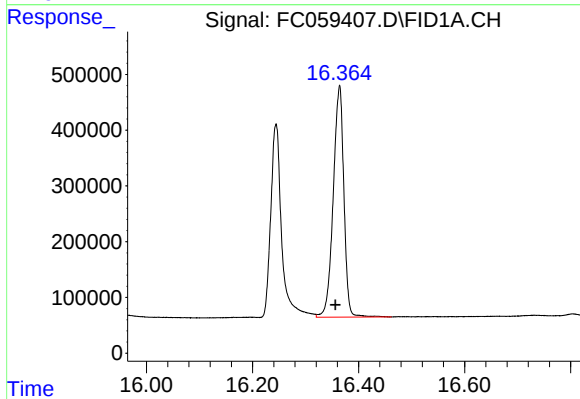
#14 n-Tetracosane (C24)

R.T.: 14.401 min
Delta R.T.: 0.007 min
Response: 6715699
Conc: 43.37 ug/ml m



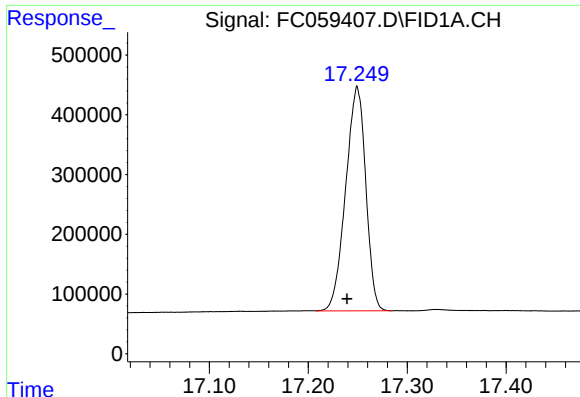
#15 n-Hexacosane (C26)

R.T.: 15.421 min
Delta R.T.: 0.010 min
Response: 5981638
Conc: 38.81 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.363 min
Delta R.T.: 0.007 min
Response: 5794330
Conc: 37.43 ug/ml



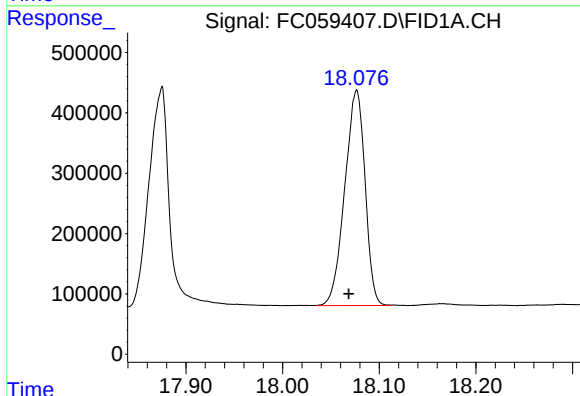
#17 n-Tricontane (C30)

R.T.: 17.249 min
Delta R.T.: 0.010 min
Response: 5294349
Conc: 34.86 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-5D-EPHMS

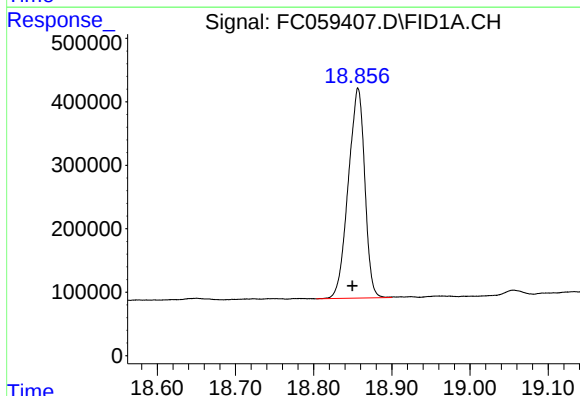
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2022
Supervised By :mohammad ahmed 04/27/2022



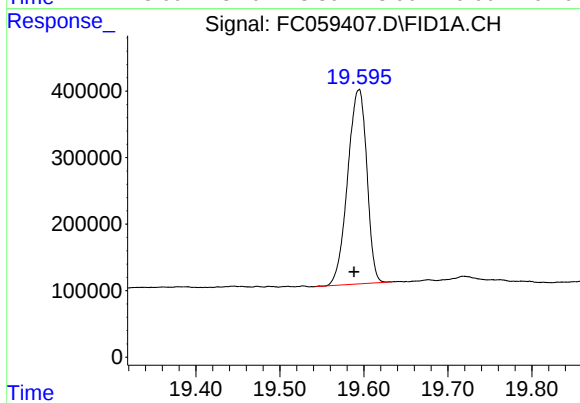
#18 n-Dotriacontane (C32)

R.T.: 18.076 min
Delta R.T.: 0.008 min
Response: 5205214
Conc: 36.94 ug/ml m



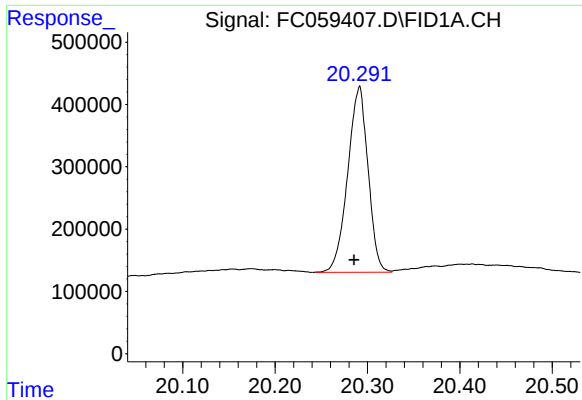
#19 n-Tetratriacontane (C34)

R.T.: 18.856 min
Delta R.T.: 0.006 min
Response: 4847844
Conc: 38.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.593 min
Delta R.T.: 0.005 min
Response: 4625039
Conc: 42.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.291 min
Delta R.T.: 0.006 min
Response: 4552847
Conc: 48.89 ug/ml

Instrument :

FID_C

ClientSampleId :

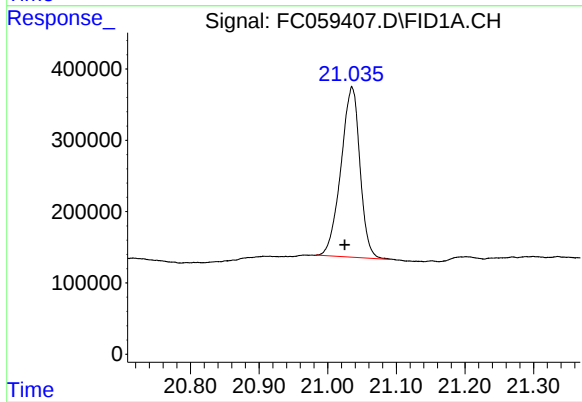
MH-5D-EPHMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2022

Supervised By :mohammad ahmed 04/27/2022



#22 n-Tetracontane (C40)

R.T.: 21.035 min
Delta R.T.: 0.010 min
Response: 4570748
Conc: 54.72 ug/ml