

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051222AL\
 Data File : FC059710.D
 Signal(s) : FID1A.CH
 Acq On : 12 May 2022 13:08
 Operator : UA/NP
 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 05/17/2022
 Supervised By :mohammad ahmed 05/17/2022

Integration File: sample.E
 Quant Time: May 13 03:40:35 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)	10.655	2829284	19.267 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
12) S 1-chlorooctadecane (S...	12.024	2232067	19.396 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T n-Nonane (C9)	2.633	2432953	19.052 ug/ml
2) T n-Decane (C10)	3.634	2479244	19.576 ug/ml
3) T A~Naphthalene (C11.7)	5.170	2852282	19.371 ug/ml
4) T n-Dodecane (C12)	5.588	2562965	19.489 ug/ml
5) T A~2-methylnaphthalene...	6.194	2913397	19.381 ug/ml
6) T n-Tetradecane (C14)	7.339	2626708	19.521 ug/ml
7) T n-Hexadecane (C16)	8.902	2685743	19.573 ug/ml
8) T n-Octadecane (C18)	10.311	2686336	19.493 ug/ml
10) T n-Eicosane (C20)	11.590	2623883	19.509 ug/ml
11) T n-Heneicosane (C21)	12.188	2589659	19.412 ug/ml
13) T n-Docosane (C22)	12.761	2581583	19.671 ug/ml
14) T n-Tetracosane (C24)	13.838	2539303	20.182 ug/ml
15) T n-Hexacosane (C26)	14.836	2384220	19.963 ug/ml
16) T n-Octacosane (C28)	15.763	2341875	20.571 ug/ml
17) T n-Tricontane (C30)	16.631	2361485	21.483 ug/ml
18) T n-Dotriacontane (C32)	17.443	2256690	21.829 ug/mlm
19) T n-Tetratriacontane (C34)	18.209	2084951	21.355 ug/mlm
20) T n-Hexatriacontane (C36)	18.930	1932591	20.818 ug/mlm
21) T n-Octatriacontane (C38)	19.612	1861050	19.550 ug/mlm
22) T n-Tetracontane (C40)	20.260	1868948	19.743 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051222AL\
Data File : FC059710.D
Signal(s) : FID1A.CH
Acq On : 12 May 2022 13:08
Operator : UA/NP
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

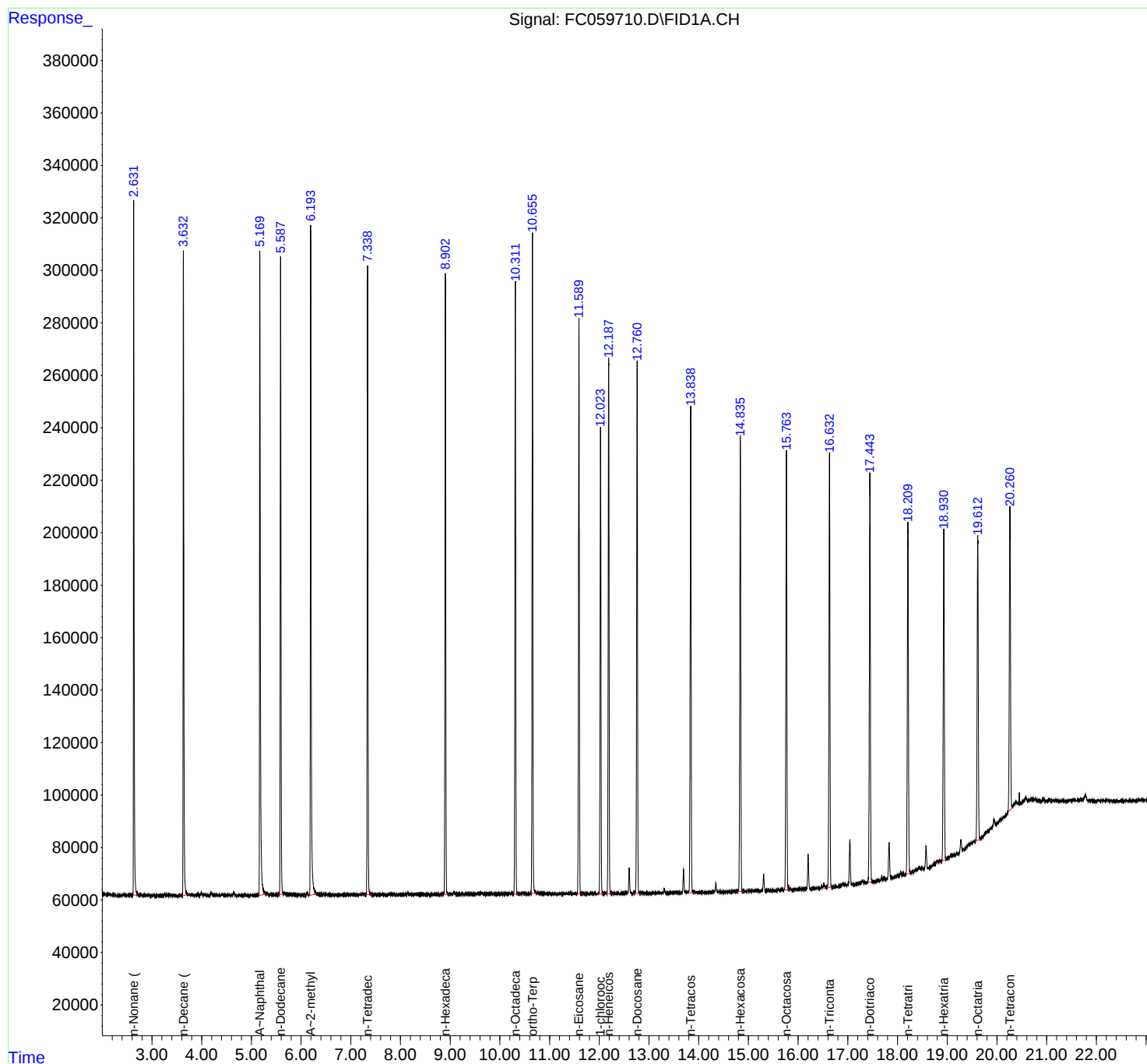
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

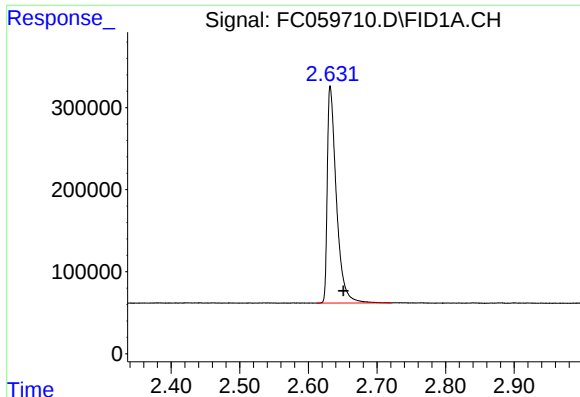
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/17/2022
Supervised By :mohammad ahmed 05/17/2022

Integration File: sample.E
Quant Time: May 13 03:40:35 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





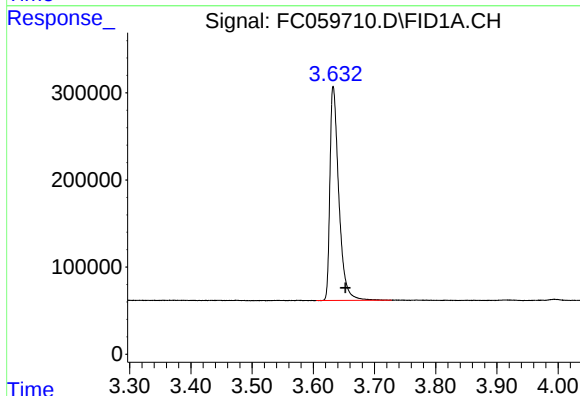
#1 n-Nonane (C9)

R.T.: 2.633 min
Delta R.T.: -0.018 min
Response: 2432953
Conc: 19.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

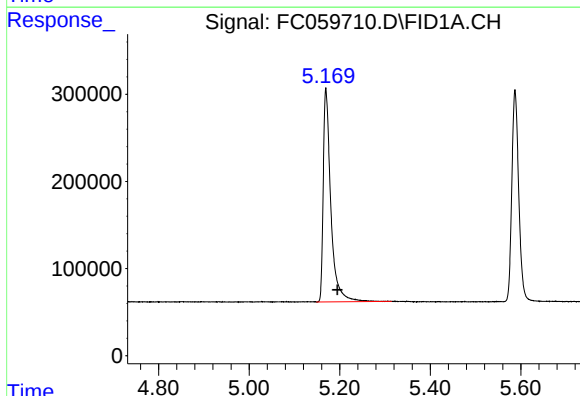
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/17/2022
Supervised By :mohammad ahmed 05/17/2022



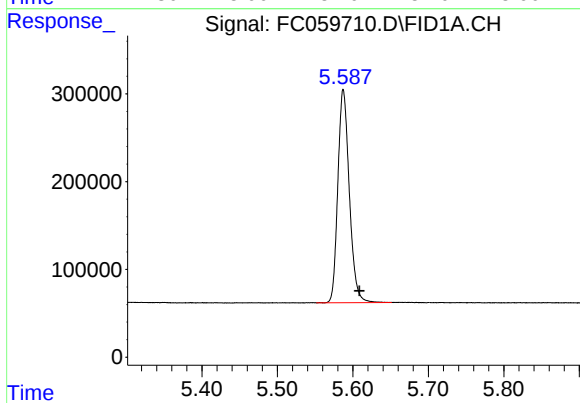
#2 n-Decane (C10)

R.T.: 3.634 min
Delta R.T.: -0.019 min
Response: 2479244
Conc: 19.58 ug/ml



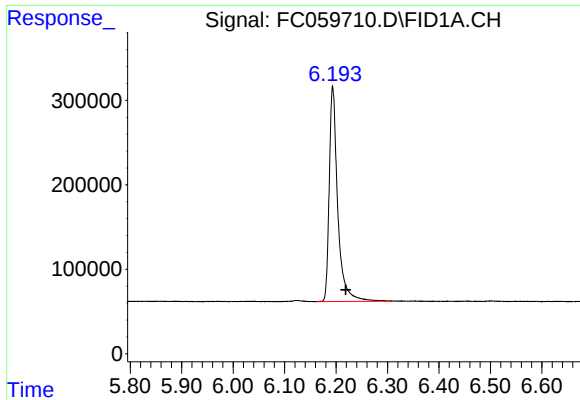
#3 A~Naphthalene (C11.7)

R.T.: 5.170 min
Delta R.T.: -0.024 min
Response: 2852282
Conc: 19.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.588 min
Delta R.T.: -0.021 min
Response: 2562965
Conc: 19.49 ug/ml



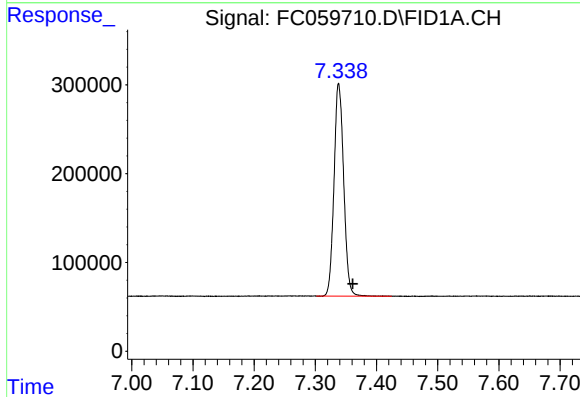
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.194 min
Delta R.T.: -0.025 min
Response: 2913397
Conc: 19.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

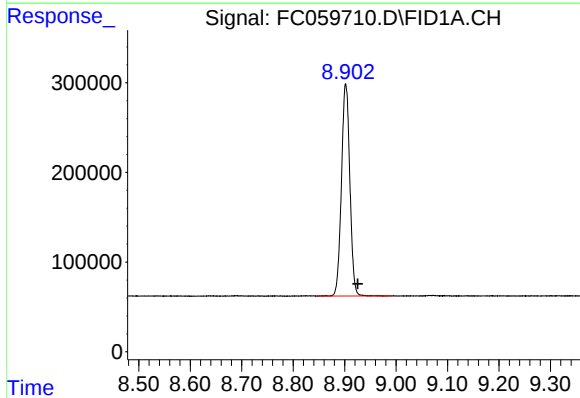
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/17/2022
Supervised By :mohammad ahmed 05/17/2022



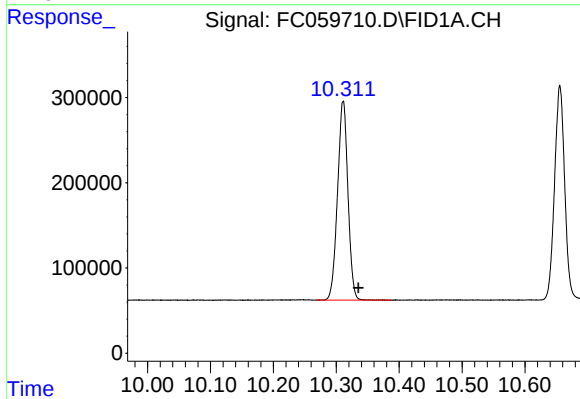
#6 n-Tetradecane (C14)

R.T.: 7.339 min
Delta R.T.: -0.022 min
Response: 2626708
Conc: 19.52 ug/ml



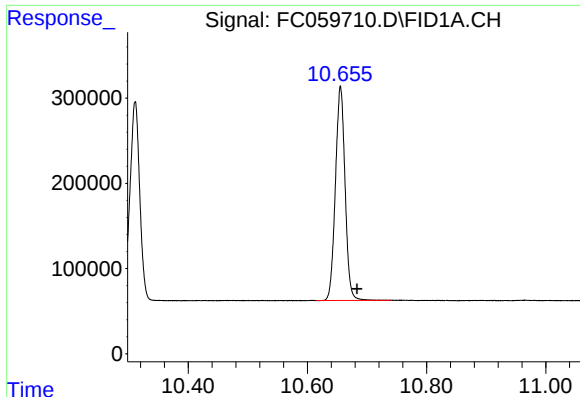
#7 n-Hexadecane (C16)

R.T.: 8.902 min
Delta R.T.: -0.023 min
Response: 2685743
Conc: 19.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.311 min
Delta R.T.: -0.025 min
Response: 2686336
Conc: 19.49 ug/ml



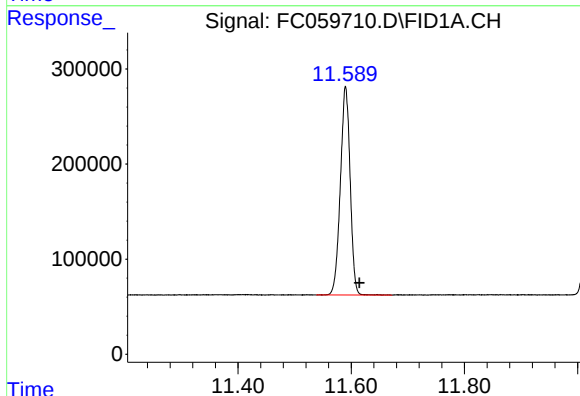
#9 ortho-Terphenyl (SURR)

R.T.: 10.655 min
Delta R.T.: -0.028 min
Response: 2829284
Conc: 19.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

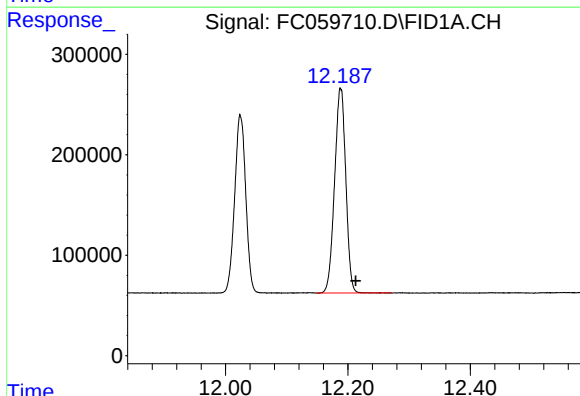
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/17/2022
Supervised By :mohammad ahmed 05/17/2022



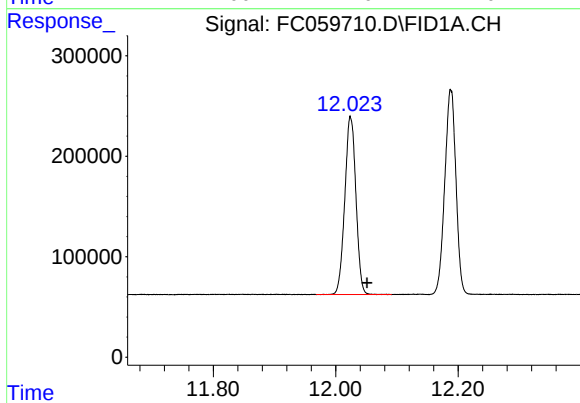
#10 n-Eicosane (C20)

R.T.: 11.590 min
Delta R.T.: -0.024 min
Response: 2623883
Conc: 19.51 ug/ml



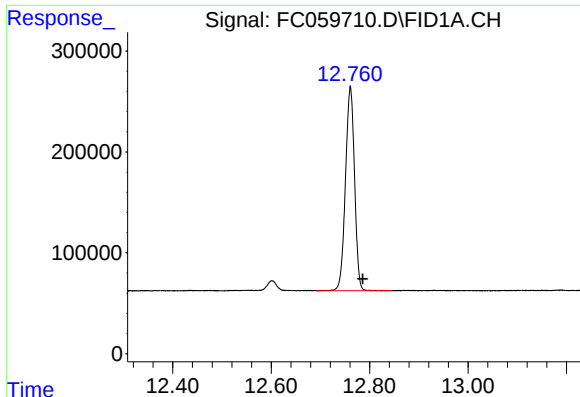
#11 n-Heneicosane (C21)

R.T.: 12.188 min
Delta R.T.: -0.025 min
Response: 2589659
Conc: 19.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.024 min
Delta R.T.: -0.027 min
Response: 2232067
Conc: 19.40 ug/ml



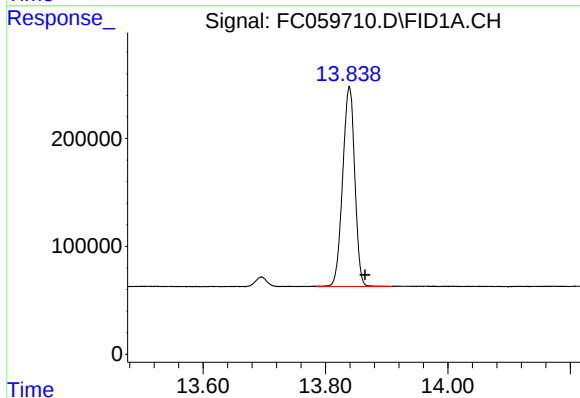
#13 n-Docosane (C22)

R.T.: 12.761 min
Delta R.T.: -0.026 min
Response: 2581583
Conc: 19.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

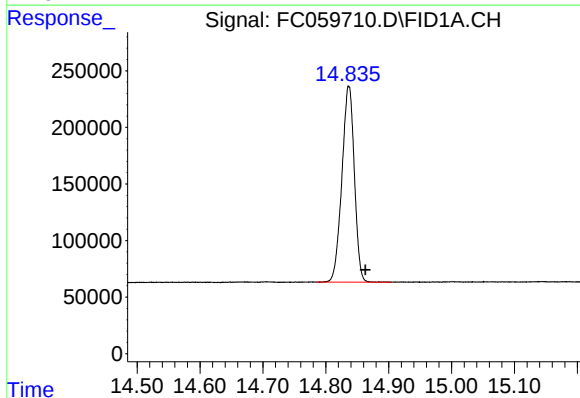
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/17/2022
Supervised By :mohammad ahmed 05/17/2022



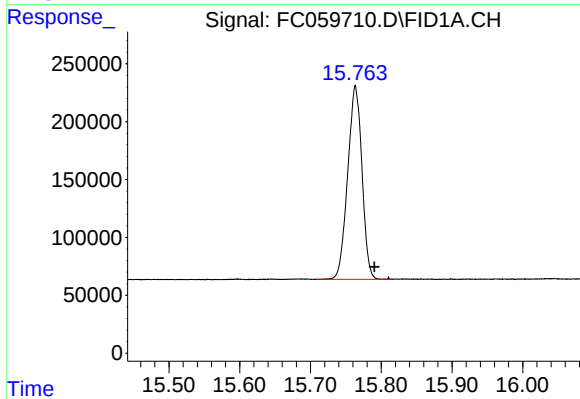
#14 n-Tetracosane (C24)

R.T.: 13.838 min
Delta R.T.: -0.026 min
Response: 2539303
Conc: 20.18 ug/ml



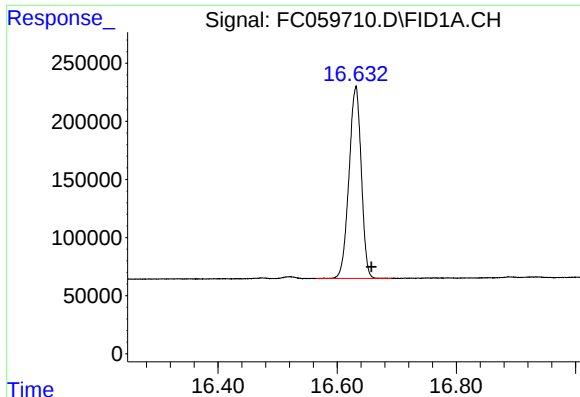
#15 n-Hexacosane (C26)

R.T.: 14.836 min
Delta R.T.: -0.027 min
Response: 2384220
Conc: 19.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.763 min
Delta R.T.: -0.027 min
Response: 2341875
Conc: 20.57 ug/ml



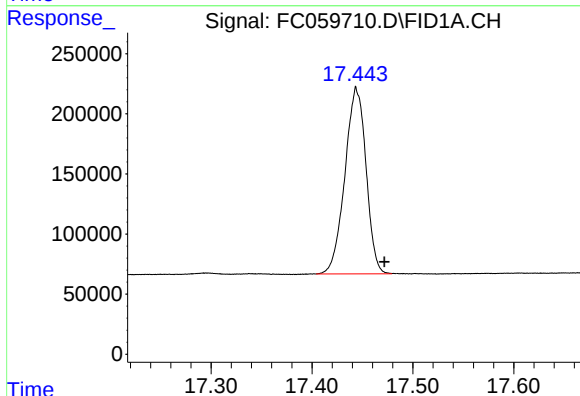
#17 n-Tricontane (C30)

R.T.: 16.631 min
Delta R.T.: -0.026 min
Response: 2361485
Conc: 21.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

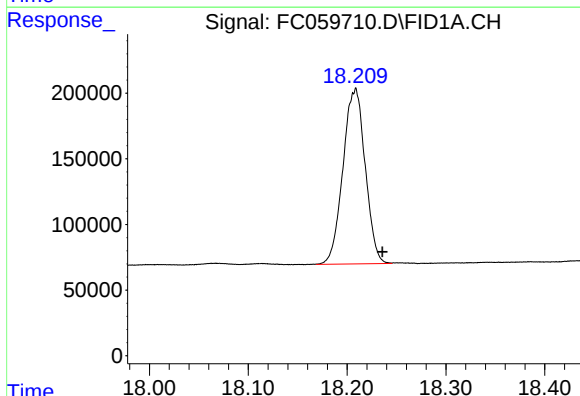
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/17/2022
Supervised By :mohammad ahmed 05/17/2022



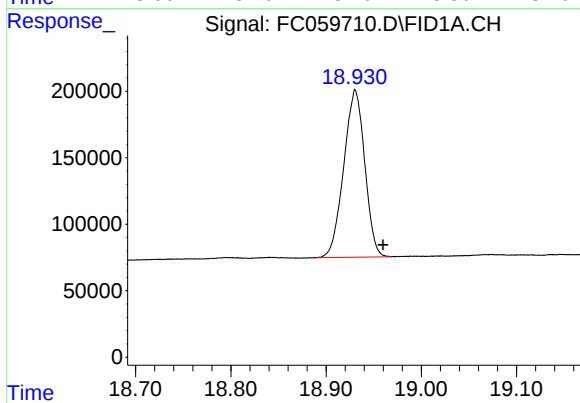
#18 n-Dotriacontane (C32)

R.T.: 17.443 min
Delta R.T.: -0.029 min
Response: 2256690
Conc: 21.83 ug/ml m



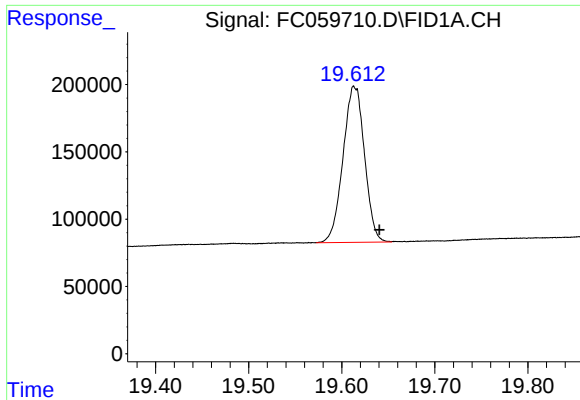
#19 n-Tetratriacontane (C34)

R.T.: 18.209 min
Delta R.T.: -0.027 min
Response: 2084951
Conc: 21.36 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.930 min
Delta R.T.: -0.030 min
Response: 1932591
Conc: 20.82 ug/ml m



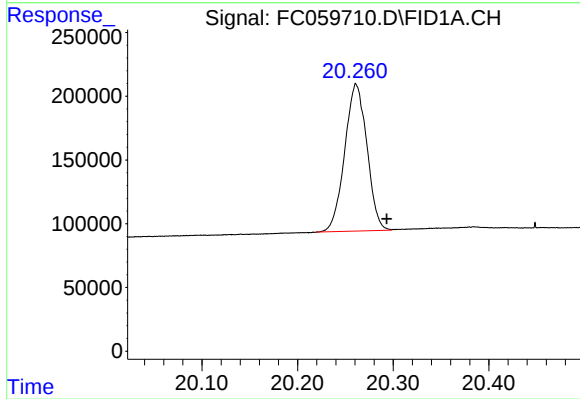
#21 n-Octatriacontane (C38)

R.T.: 19.612 min
Delta R.T.: -0.028 min
Response: 1861050
Conc: 19.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/17/2022
Supervised By :mohammad ahmed 05/17/2022



#22 n-Tetracontane (C40)

R.T.: 20.260 min
Delta R.T.: -0.033 min
Response: 1868948
Conc: 19.74 ug/ml m