

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050622AL\
 Data File : FC059619.D
 Signal(s) : FID1A.CH
 Acq On : 07 May 2022 7:25
 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 05/09/2022
 Supervised By :mohammad ahmed 05/10/2022

Integration File: autoint1.e
 Quant Time: May 09 00:14:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Thu May 05 15:50:37 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)	10.689	3259798	22.199 ug/ml
Spiked Amount 50.000		Recovery =	44.40%
12) S 1-chlorooctadecane (S...	12.057	2580296	22.422 ug/ml
Spiked Amount 50.000		Recovery =	44.84%
Target Compounds			
1) T n-Nonane (C9)	2.653	2778078	21.754 ug/ml
2) T n-Decane (C10)	3.655	2799190	22.102 ug/ml
3) T A~Naphthalene (C11.7)	5.198	3242849	22.024 ug/ml
4) T n-Dodecane (C12)	5.612	2884141	21.931 ug/ml
5) T A~2-methylnaphthalene...	6.223	3302658	21.971 ug/ml
6) T n-Tetradecane (C14)	7.365	2948097	21.909 ug/ml
7) T n-Hexadecane (C16)	8.930	3015584	21.977 ug/ml
8) T n-Octadecane (C18)	10.339	3061370	22.215 ug/ml
10) T n-Eicosane (C20)	11.620	2990382	22.234 ug/mlm
11) T n-Heneicosane (C21)	12.219	2977858	22.322 ug/ml
13) T n-Docosane (C22)	12.793	2946622	22.452 ug/ml
14) T n-Tetracosane (C24)	13.871	2846713	22.625 ug/ml
15) T n-Hexacosane (C26)	14.871	2711016	22.700 ug/ml
16) T n-Octacosane (C28)	15.799	2599932	22.837 ug/ml
17) T n-Tricontane (C30)	16.667	2494368	22.692 ug/ml
18) T n-Dotriacontane (C32)	17.480	2324400	22.484 ug/mlm
19) T n-Tetratriacontane (C34)	18.246	2179064	22.319 ug/ml
20) T n-Hexatriacontane (C36)	18.967	2054030	22.126 ug/mlm
21) T n-Octatriacontane (C38)	19.653	2029109	21.316 ug/mlm
22) T n-Tetracontane (C40)	20.303	2054043	21.698 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050622AL\
Data File : FC059619.D
Signal(s) : FID1A.CH
Acq On : 07 May 2022 7:25
Operator : UA/NP
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

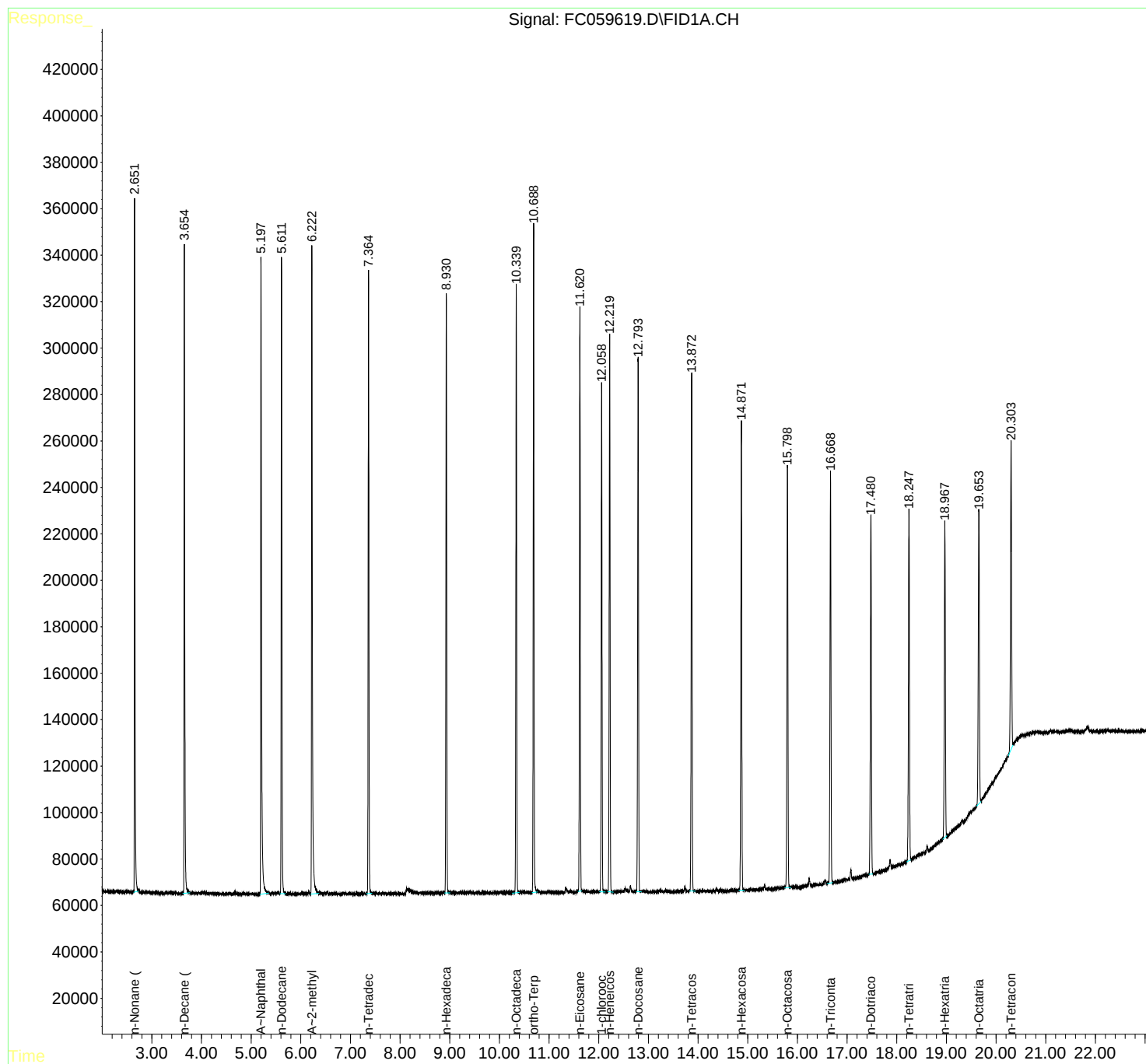
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

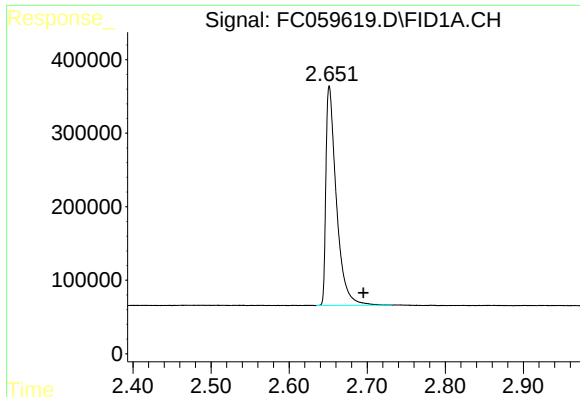
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2022
Supervised By :mohammad ahmed 05/10/2022

Integration File: autoint1.e
Quant Time: May 09 00:14:52 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
Quant Title : GC Extractables
QLast Update : Thu May 05 15:50:37 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





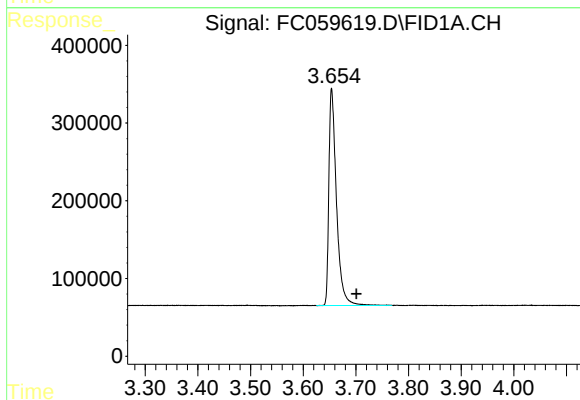
#1 n-Nonane (C9)

R.T.: 2.653 min
Delta R.T.: -0.042 min
Response: 2778078
Conc: 21.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

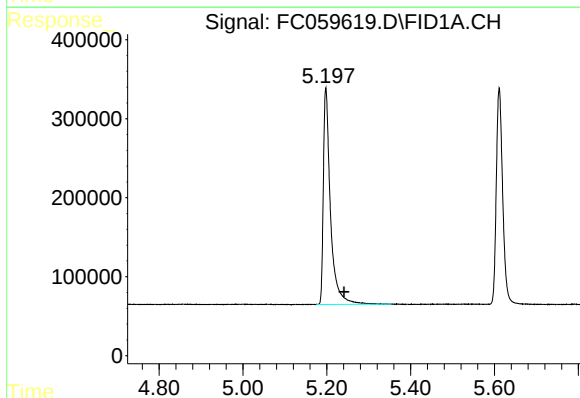
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2022
Supervised By :mohammad ahmed 05/10/2022



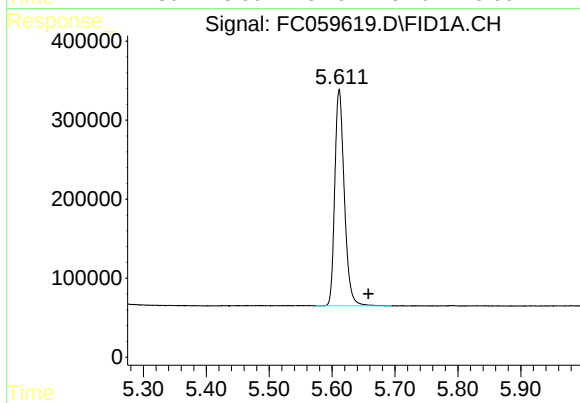
#2 n-Decane (C10)

R.T.: 3.655 min
Delta R.T.: -0.046 min
Response: 2799190
Conc: 22.10 ug/ml



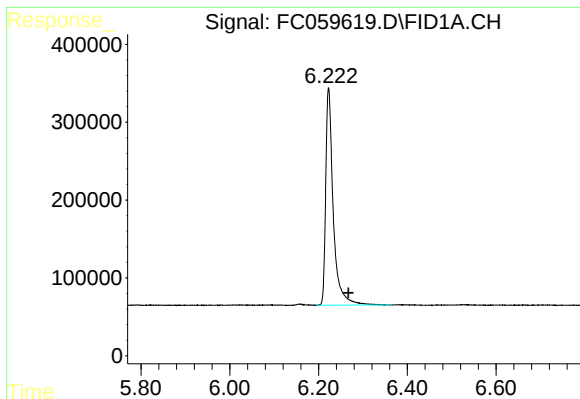
#3 A~Naphthalene (C11.7)

R.T.: 5.198 min
Delta R.T.: -0.043 min
Response: 3242849
Conc: 22.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.612 min
Delta R.T.: -0.046 min
Response: 2884141
Conc: 21.93 ug/ml



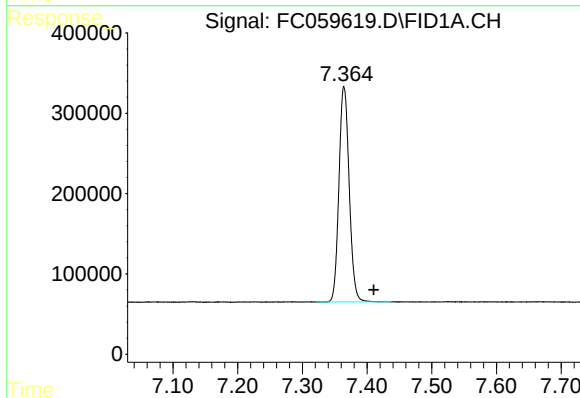
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.223 min
Delta R.T.: -0.044 min
Response: 3302658
Conc: 21.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

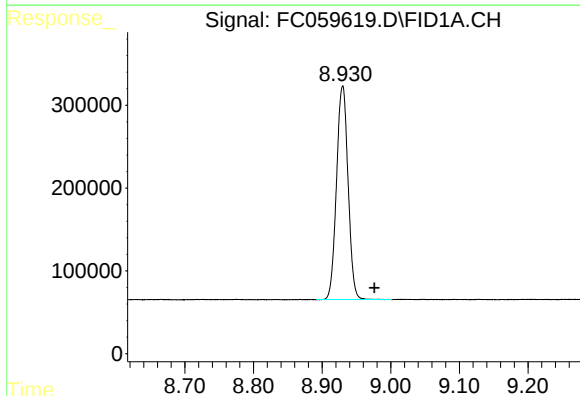
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2022
Supervised By :mohammad ahmed 05/10/2022



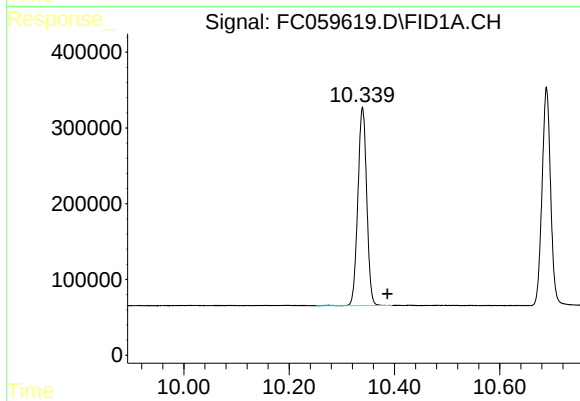
#6 n-Tetradecane (C14)

R.T.: 7.365 min
Delta R.T.: -0.046 min
Response: 2948097
Conc: 21.91 ug/ml



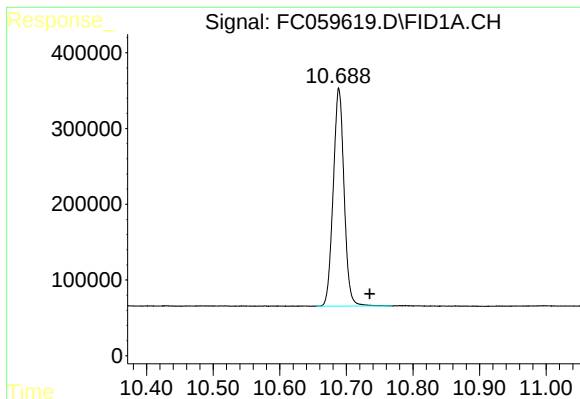
#7 n-Hexadecane (C16)

R.T.: 8.930 min
Delta R.T.: -0.046 min
Response: 3015584
Conc: 21.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.339 min
Delta R.T.: -0.047 min
Response: 3061370
Conc: 22.21 ug/ml



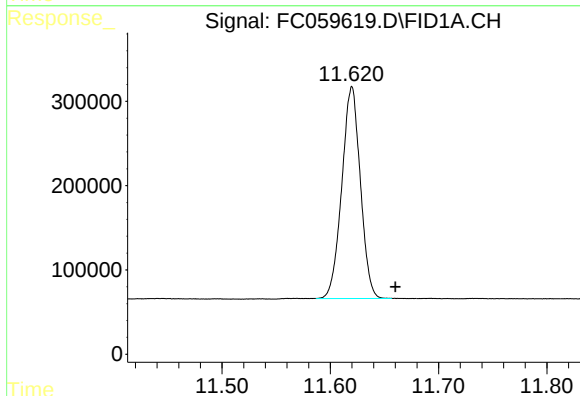
#9 ortho-Terphenyl (SURR)

R.T.: 10.689 min
Delta R.T.: -0.046 min
Response: 3259798
Conc: 22.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

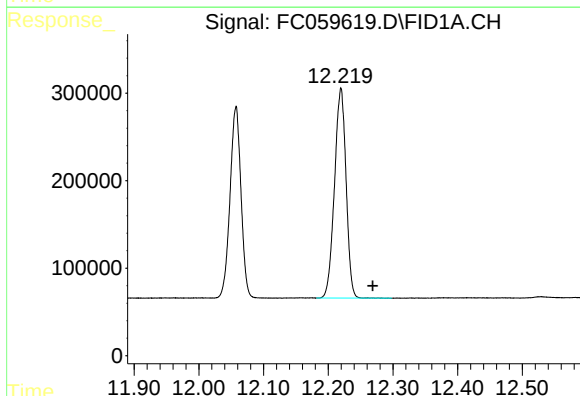
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2022
Supervised By :mohammad ahmed 05/10/2022



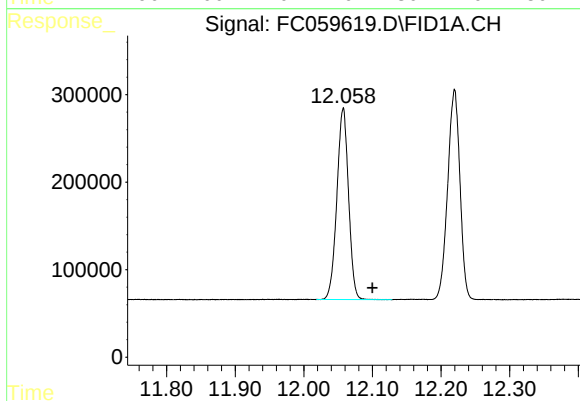
#10 n-Eicosane (C20)

R.T.: 11.620 min
Delta R.T.: -0.040 min
Response: 2990382
Conc: 22.23 ug/ml m



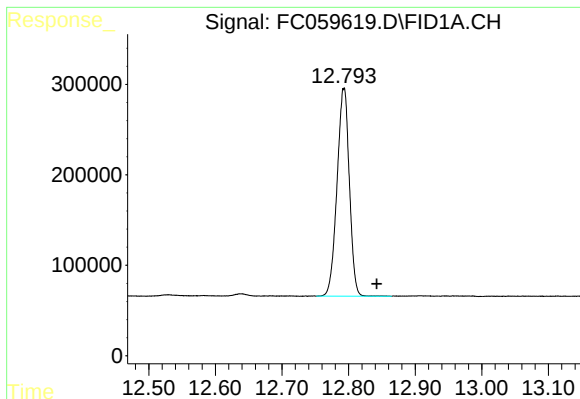
#11 n-Heneicosane (C21)

R.T.: 12.219 min
Delta R.T.: -0.049 min
Response: 2977858
Conc: 22.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.057 min
Delta R.T.: -0.043 min
Response: 2580296
Conc: 22.42 ug/ml



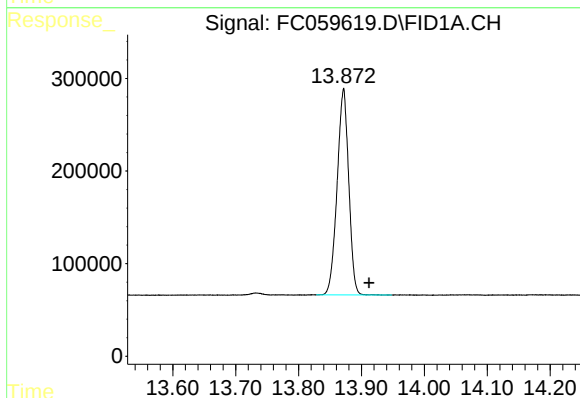
#13 n-Docosane (C22)

R.T.: 12.793 min
Delta R.T.: -0.049 min
Response: 2946622
Conc: 22.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

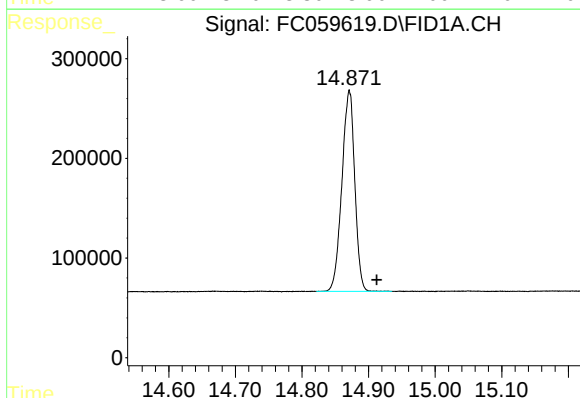
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2022
Supervised By :mohammad ahmed 05/10/2022



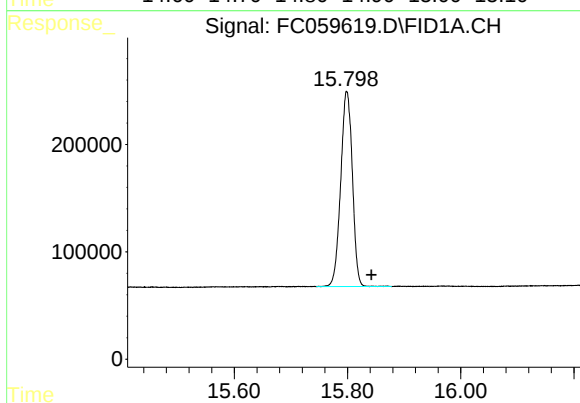
#14 n-Tetracosane (C24)

R.T.: 13.871 min
Delta R.T.: -0.041 min
Response: 2846713
Conc: 22.62 ug/ml



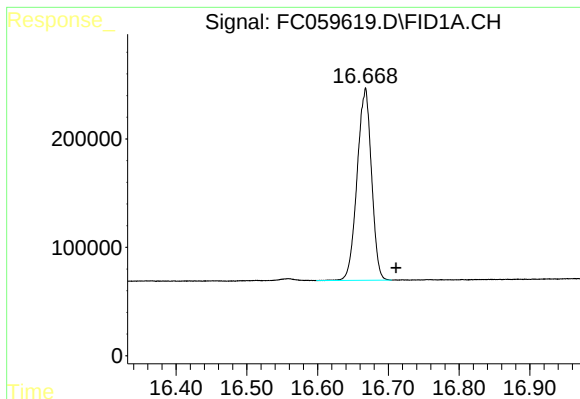
#15 n-Hexacosane (C26)

R.T.: 14.871 min
Delta R.T.: -0.041 min
Response: 2711016
Conc: 22.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.799 min
Delta R.T.: -0.043 min
Response: 2599932
Conc: 22.84 ug/ml



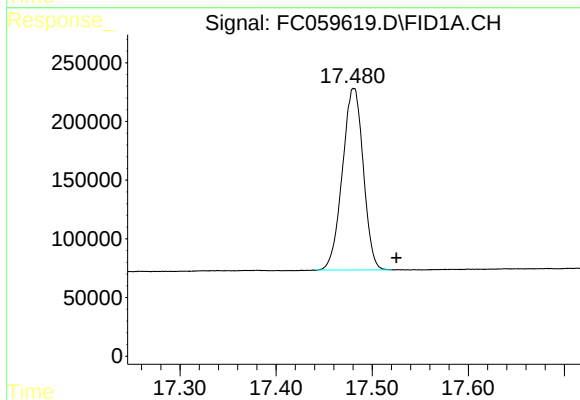
#17 n-Tricontane (C30)

R.T.: 16.667 min
Delta R.T.: -0.044 min
Response: 2494368
Conc: 22.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

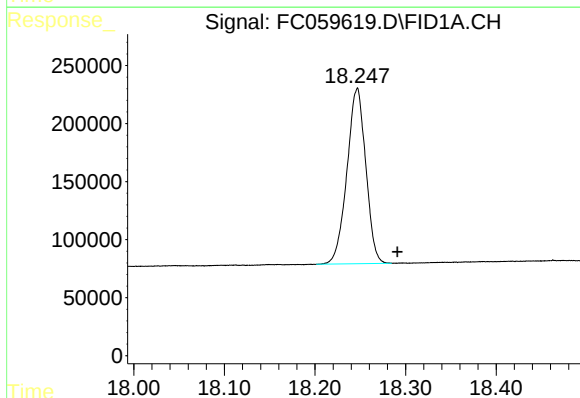
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2022
Supervised By :mohammad ahmed 05/10/2022



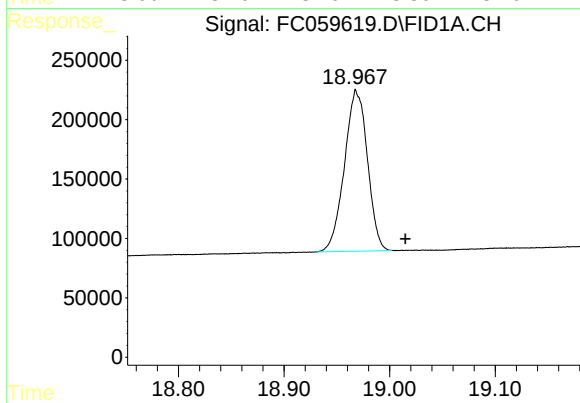
#18 n-Dotriacontane (C32)

R.T.: 17.480 min
Delta R.T.: -0.045 min
Response: 2324400
Conc: 22.48 ug/ml m



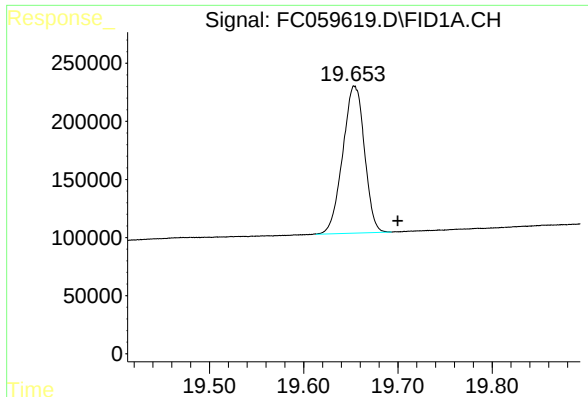
#19 n-Tetratriacontane (C34)

R.T.: 18.246 min
Delta R.T.: -0.045 min
Response: 2179064
Conc: 22.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.967 min
Delta R.T.: -0.048 min
Response: 2054030
Conc: 22.13 ug/ml m



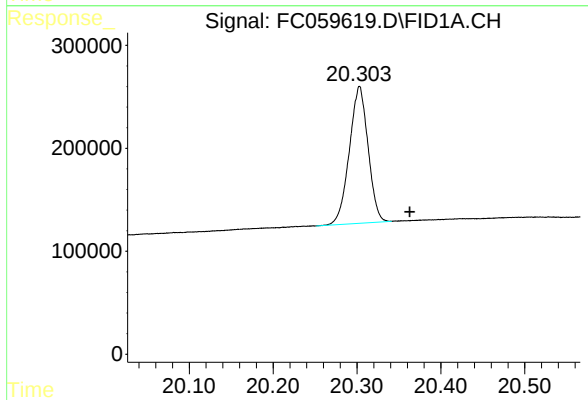
#21 n-Octatriacontane (C38)

R.T.: 19.653 min
Delta R.T.: -0.047 min
Response: 2029109
Conc: 21.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2022
Supervised By :mohammad ahmed 05/10/2022



#22 n-Tetracontane (C40)

R.T.: 20.303 min
Delta R.T.: -0.060 min
Response: 2054043
Conc: 21.70 ug/ml