

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060122AL\
 Data File : FC060047.D
 Signal(s) : FID1A.CH
 Acq On : 02 Jun 2022 9:13
 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 06/02/2022
 Supervised By :Ankita Jodhani 06/02/2022

Integration File: sample.E
 Quant Time: Jun 02 09:37:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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)	10.648	3148517	20.232 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
12) S 1-chlorooctadecane (S...	12.018	2525663	20.370 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
Target Compounds			
1) T n-Nonane (C9)	2.626	2612080	20.409 ug/ml
2) T n-Decane (C10)	3.625	2639883	20.635 ug/ml
3) T A~Naphthalene (C11.7)	5.163	3029199	20.958 ug/ml
4) T n-Dodecane (C12)	5.578	2741955	20.569 ug/ml
5) T A~2-methylnaphthalene...	6.188	3033343	20.668 ug/ml
6) T n-Tetradecane (C14)	7.330	2831046	20.738 ug/ml
7) T n-Hexadecane (C16)	8.894	2906031	20.712 ug/ml
8) T n-Octadecane (C18)	10.303	2946444	20.589 ug/ml
10) T n-Eicosane (C20)	11.582	2918623	20.457 ug/ml
11) T n-Heneicosane (C21)	12.181	2917776	20.356 ug/ml
13) T n-Docosane (C22)	12.753	2892247	20.297 ug/ml
14) T n-Tetracosane (C24)	13.832	2810849	20.030 ug/ml
15) T n-Hexacosane (C26)	14.829	2693567	19.891 ug/ml
16) T n-Octacosane (C28)	15.757	2614589	20.076 ug/ml
17) T n-Tricontane (C30)	16.624	2527854	20.648 ug/ml
18) T n-Dotriacontane (C32)	17.437	2356569	21.136 ug/mlm
19) T n-Tetratriacontane (C34)	18.202	2164289	21.220 ug/ml
20) T n-Hexatriacontane (C36)	18.924	2018795	21.318 ug/mlm
21) T n-Octatriacontane (C38)	19.608	1951846	21.155 ug/mlm
22) T n-Tetracontane (C40)	20.256	1979158	21.036 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060122AL\
Data File : FC060047.D
Signal(s) : FID1A.CH
Acq On : 02 Jun 2022 9:13
Operator : UA/NP
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

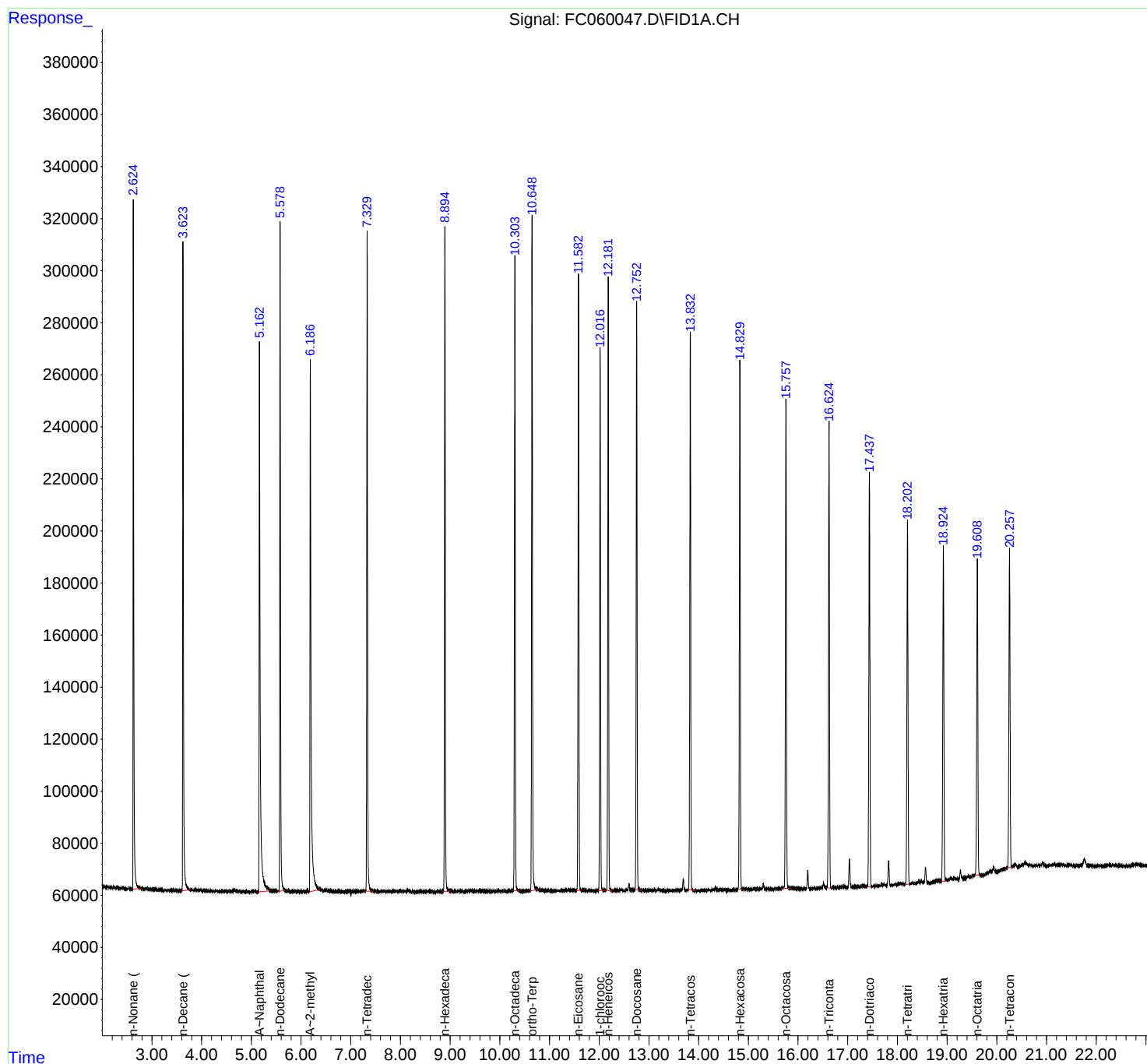
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

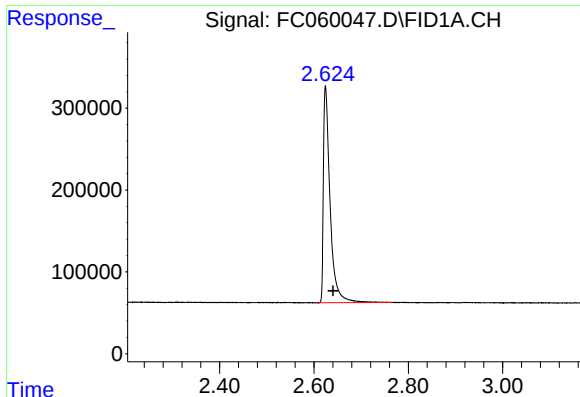
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/02/2022
Supervised By :Ankita Jodhani 06/02/2022

Integration File: sample.E
Quant Time: Jun 02 09:37:04 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
Quant Title : GC Extractables
QLast Update : Sat May 28 08:22:04 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





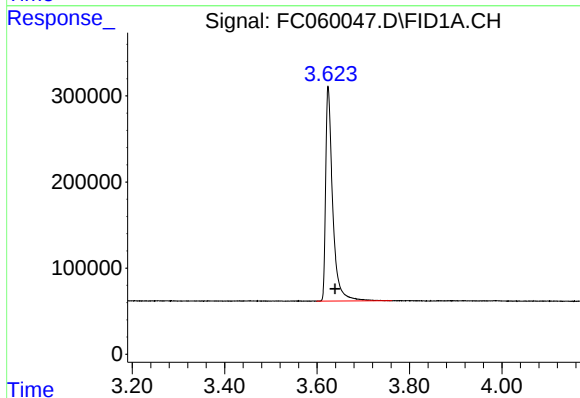
#1 n-Nonane (C9)

R.T.: 2.626 min
Delta R.T.: -0.015 min
Response: 2612080
Conc: 20.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

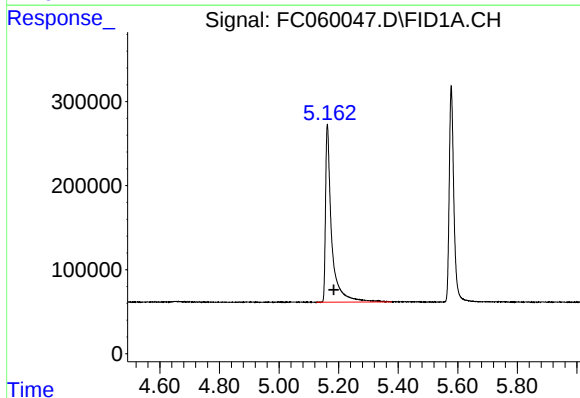
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/02/2022
Supervised By :Ankita Jodhani 06/02/2022



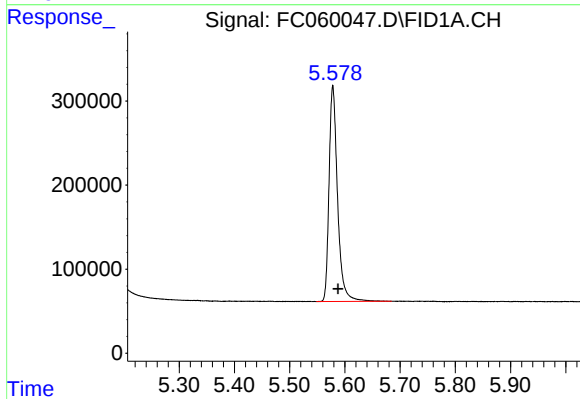
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.014 min
Response: 2639883
Conc: 20.64 ug/ml



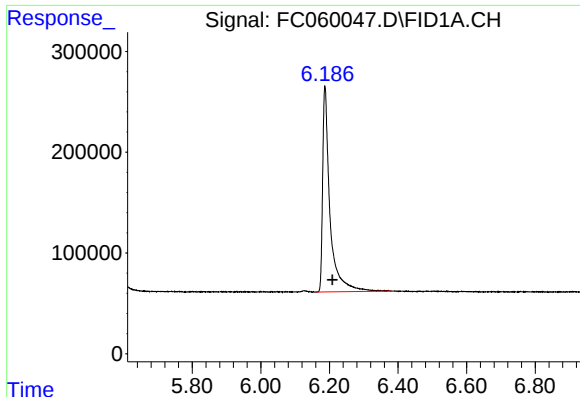
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.021 min
Response: 3029199
Conc: 20.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: 2741955
Conc: 20.57 ug/ml



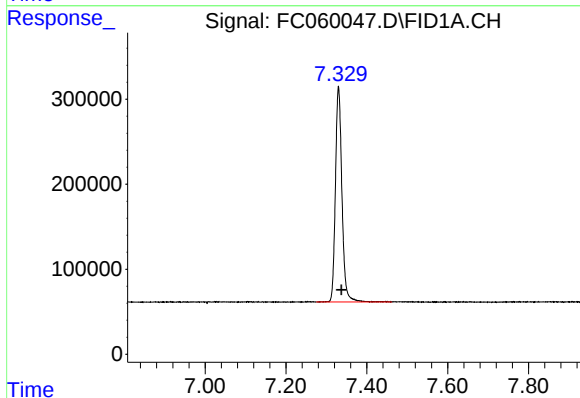
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.188 min
Delta R.T.: -0.021 min
Response: 3033343
Conc: 20.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

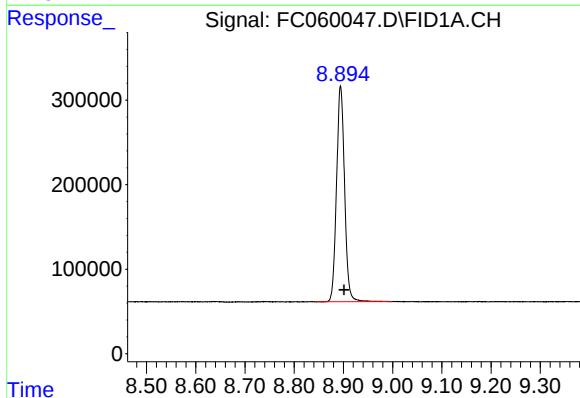
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/02/2022
Supervised By :Ankita Jodhani 06/02/2022



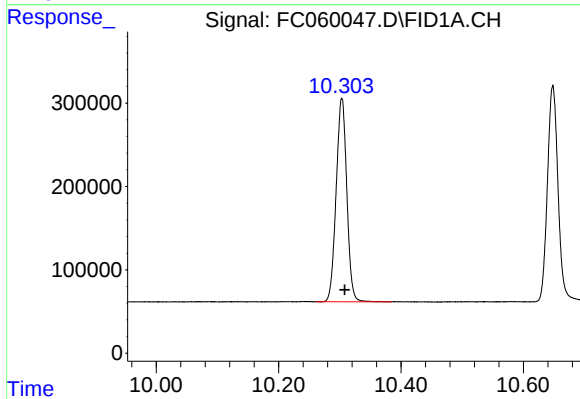
#6 n-Tetradecane (C14)

R.T.: 7.330 min
Delta R.T.: -0.007 min
Response: 2831046
Conc: 20.74 ug/ml



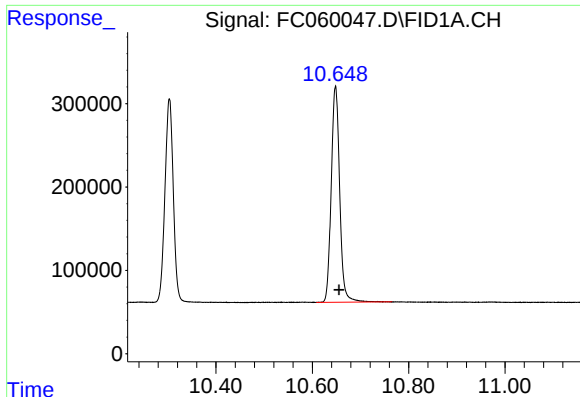
#7 n-Hexadecane (C16)

R.T.: 8.894 min
Delta R.T.: -0.007 min
Response: 2906031
Conc: 20.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.303 min
Delta R.T.: -0.005 min
Response: 2946444
Conc: 20.59 ug/ml



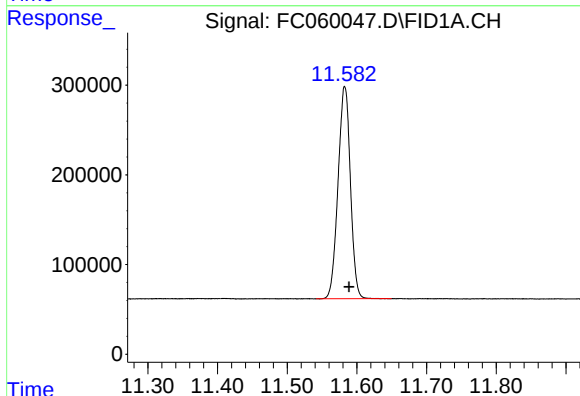
#9 ortho-Terphenyl (SURR)

R.T.: 10.648 min
Delta R.T.: -0.008 min
Response: 3148517
Conc: 20.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

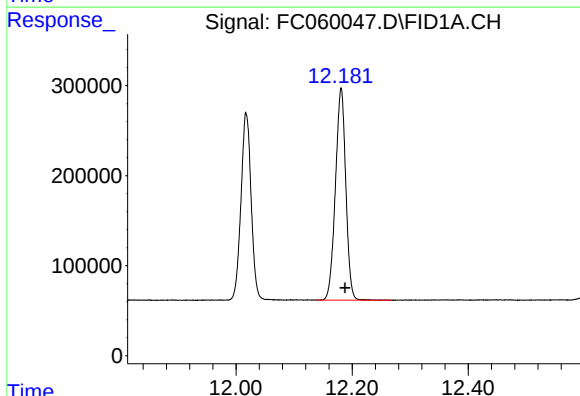
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/02/2022
Supervised By :Ankita Jodhani 06/02/2022



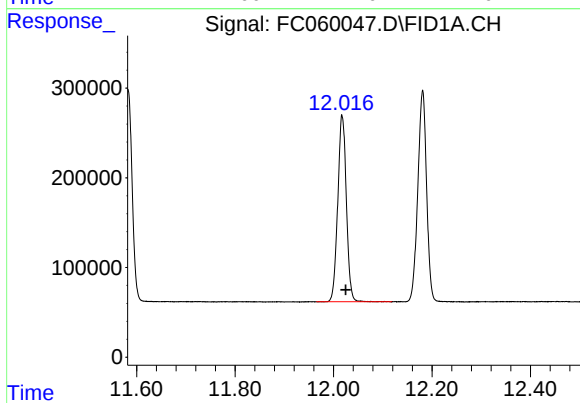
#10 n-Eicosane (C20)

R.T.: 11.582 min
Delta R.T.: -0.007 min
Response: 2918623
Conc: 20.46 ug/ml



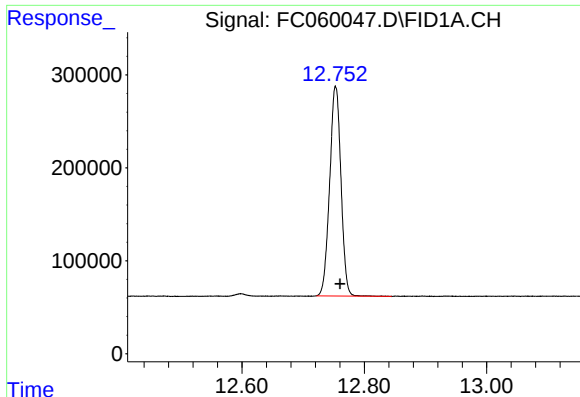
#11 n-Heneicosane (C21)

R.T.: 12.181 min
Delta R.T.: -0.007 min
Response: 2917776
Conc: 20.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.018 min
Delta R.T.: -0.007 min
Response: 2525663
Conc: 20.37 ug/ml



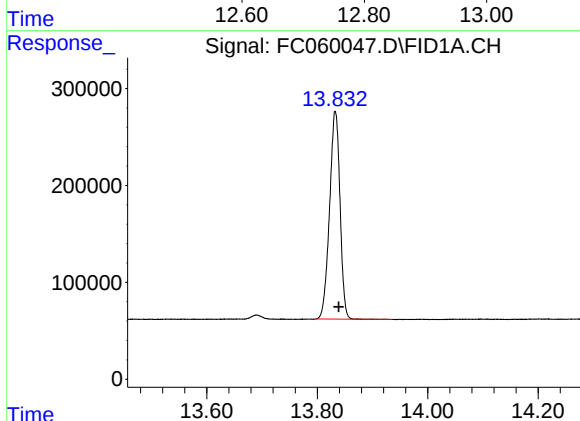
#13 n-Docosane (C22)

R.T.: 12.753 min
Delta R.T.: -0.007 min
Response: 2892247
Conc: 20.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

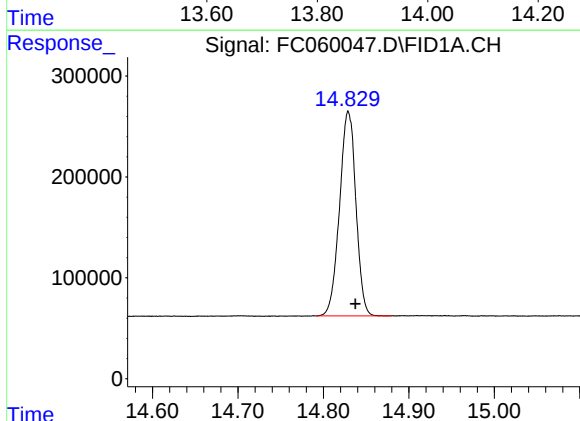
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/02/2022
Supervised By :Ankita Jodhani 06/02/2022



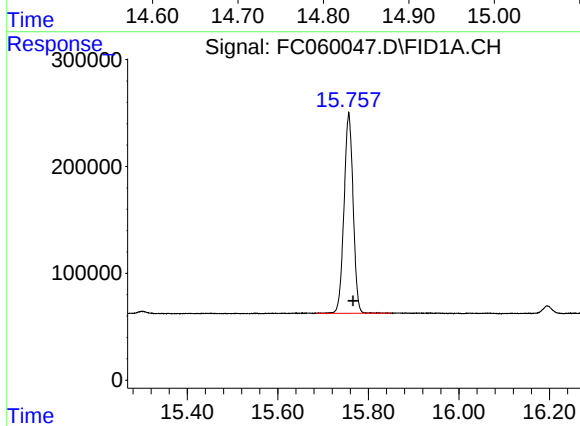
#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.007 min
Response: 2810849
Conc: 20.03 ug/ml



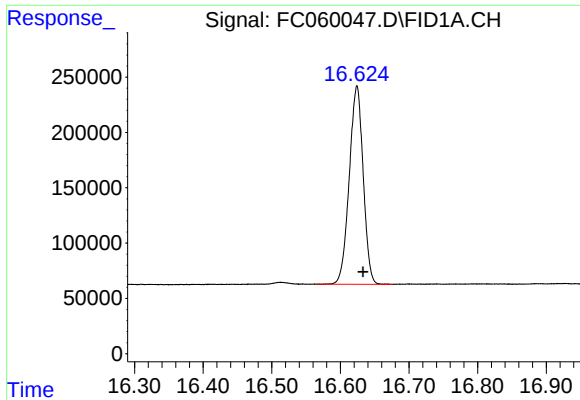
#15 n-Hexacosane (C26)

R.T.: 14.829 min
Delta R.T.: -0.008 min
Response: 2693567
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.757 min
Delta R.T.: -0.009 min
Response: 2614589
Conc: 20.08 ug/ml



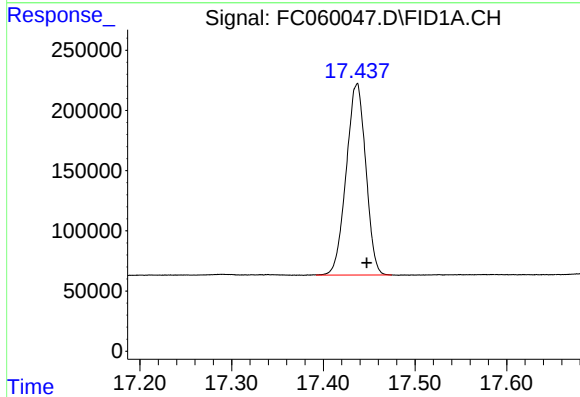
#17 n-Tricontane (C30)

R.T.: 16.624 min
Delta R.T.: -0.009 min
Response: 2527854
Conc: 20.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

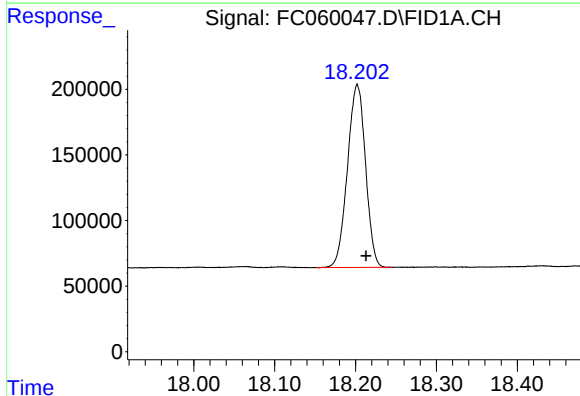
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/02/2022
Supervised By :Ankita Jodhani 06/02/2022



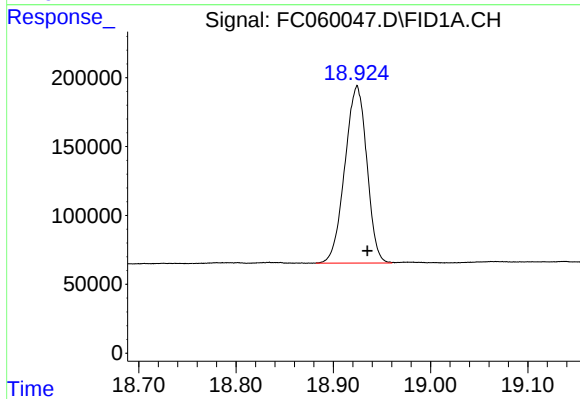
#18 n-Dotriacontane (C32)

R.T.: 17.437 min
Delta R.T.: -0.010 min
Response: 2356569
Conc: 21.14 ug/ml m



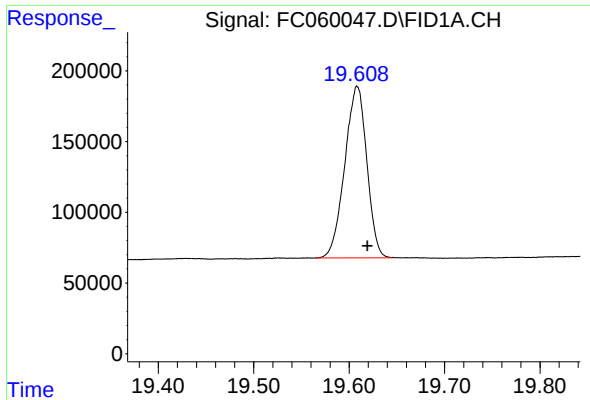
#19 n-Tetratriacontane (C34)

R.T.: 18.202 min
Delta R.T.: -0.011 min
Response: 2164289
Conc: 21.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.924 min
Delta R.T.: -0.011 min
Response: 2018795
Conc: 21.32 ug/ml m



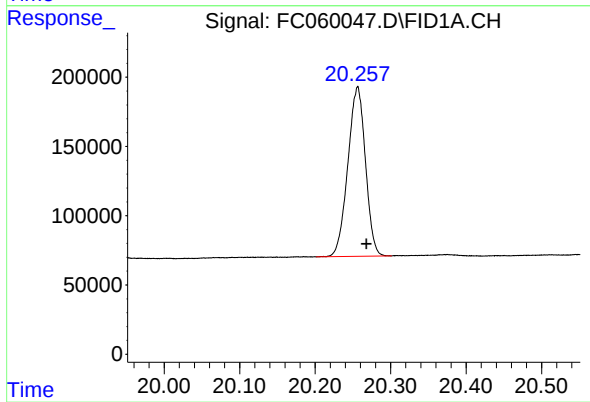
#21 n-Octatriacontane (C38)

R.T.: 19.608 min
Delta R.T.: -0.011 min
Response: 1951846
Conc: 21.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/02/2022
Supervised By :Ankita Jodhani 06/02/2022



#22 n-Tetracontane (C40)

R.T.: 20.256 min
Delta R.T.: -0.012 min
Response: 1979158
Conc: 21.04 ug/ml