

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC053122AL\
 Data File : FC060023.D
 Signal(s) : FID1A.CH
 Acq On : 01 Jun 2022 3:11
 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 06/01/2022
 Supervised By :Ankita Jodhani 06/01/2022

Integration File: sample.E
 Quant Time: Jun 01 04:46:21 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)	10.649	3231818	20.767 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
12) S 1-chlorooctadecane (S...	12.019	2593201	20.915 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
Target Compounds			
1) T n-Nonane (C9)	2.632	2700040	21.096 ug/ml
2) T n-Decane (C10)	3.629	2733916	21.370 ug/ml
3) T A~Naphthalene (C11.7)	5.164	3126528	21.631 ug/ml
4) T n-Dodecane (C12)	5.581	2860779	21.460 ug/ml
5) T A~2-methylnaphthalene...	6.189	3167928	21.585 ug/ml
6) T n-Tetradecane (C14)	7.332	2932532	21.481 ug/ml
7) T n-Hexadecane (C16)	8.895	3007268	21.433 ug/ml
8) T n-Octadecane (C18)	10.304	3046645	21.289 ug/ml
10) T n-Eicosane (C20)	11.584	3003700	21.053 ug/ml
11) T n-Heneicosane (C21)	12.183	2987781	20.844 ug/ml
13) T n-Docosane (C22)	12.755	2956063	20.745 ug/ml
14) T n-Tetracosane (C24)	13.834	2875561	20.491 ug/ml
15) T n-Hexacosane (C26)	14.831	2751072	20.316 ug/ml
16) T n-Octacosane (C28)	15.759	2635819	20.239 ug/ml
17) T n-Tricontane (C30)	16.627	2538399	20.734 ug/ml
18) T n-Dotriacontane (C32)	17.440	2391217	21.447 ug/ml
19) T n-Tetratriacontane (C34)	18.205	2177728	21.351 ug/ml
20) T n-Hexatriacontane (C36)	18.928	2008286	21.207 ug/ml
21) T n-Octatriacontane (C38)	19.612	1989468	21.563 ug/mlm
22) T n-Tetracontane (C40)	20.259	2024782	21.521 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC053122AL\
Data File : FC060023.D
Signal(s) : FID1A.CH
Acq On : 01 Jun 2022 3:11
Operator : UA/NP
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

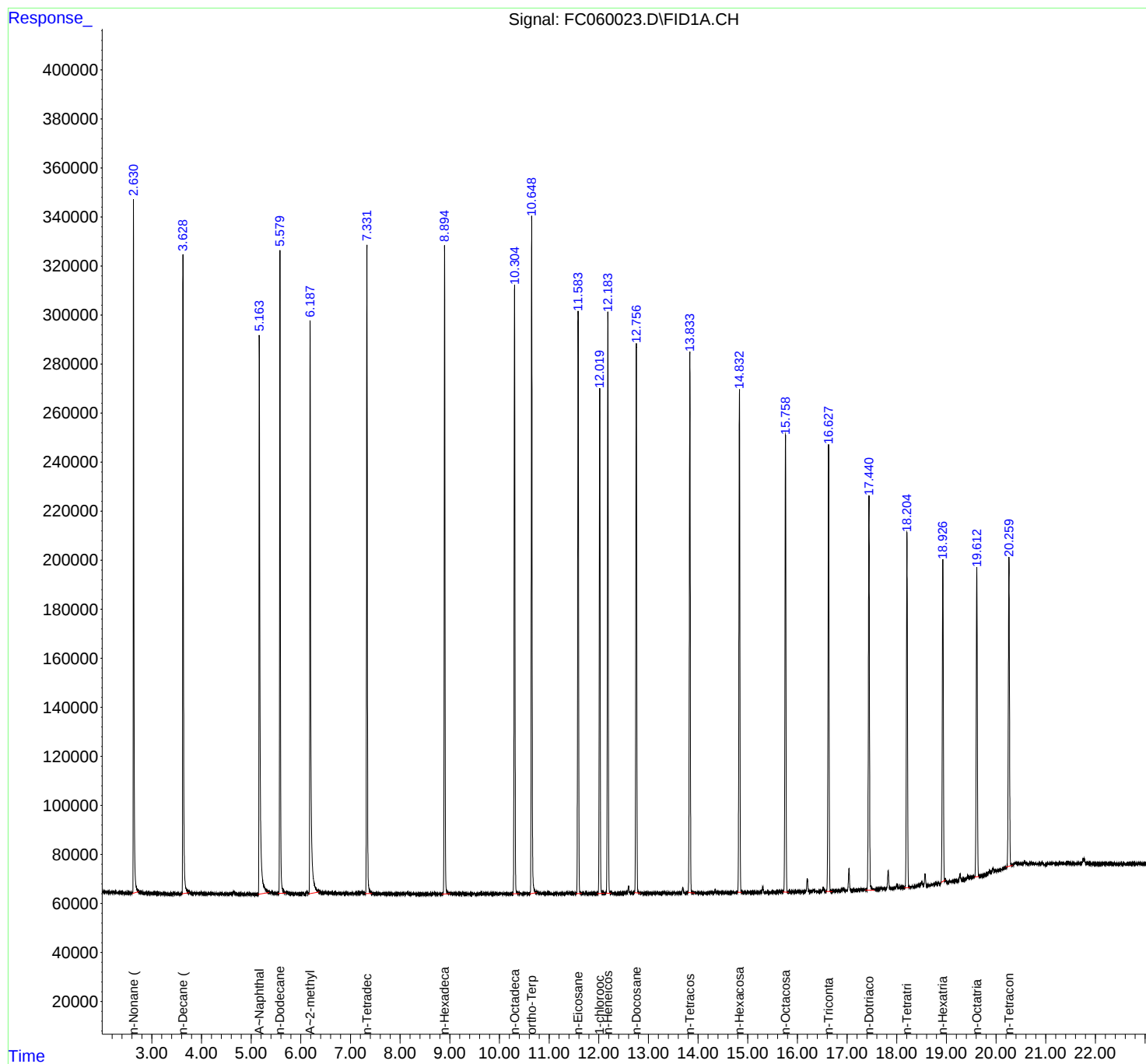
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

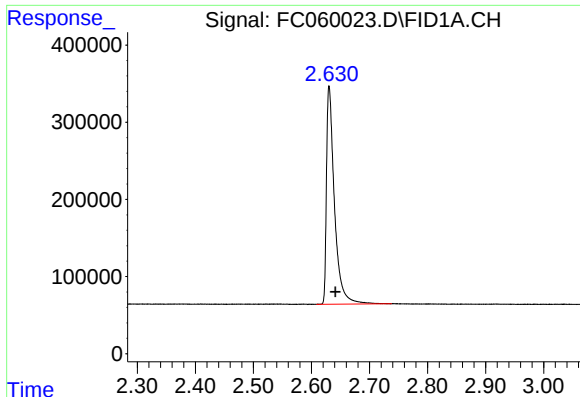
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/01/2022
Supervised By :Ankita Jodhani 06/01/2022

Integration File: sample.E
Quant Time: Jun 01 04:46:21 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





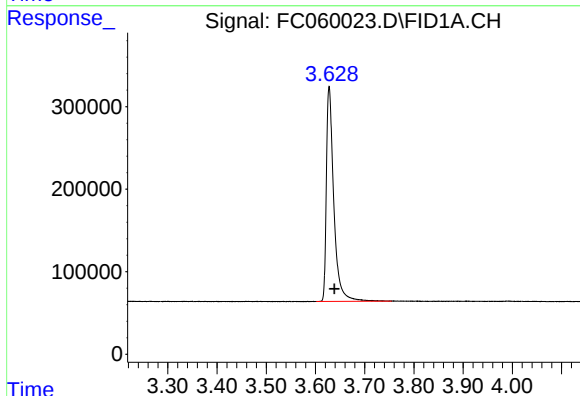
#1 n-Nonane (C9)

R.T.: 2.632 min
Delta R.T.: -0.009 min
Response: 2700040
Conc: 21.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

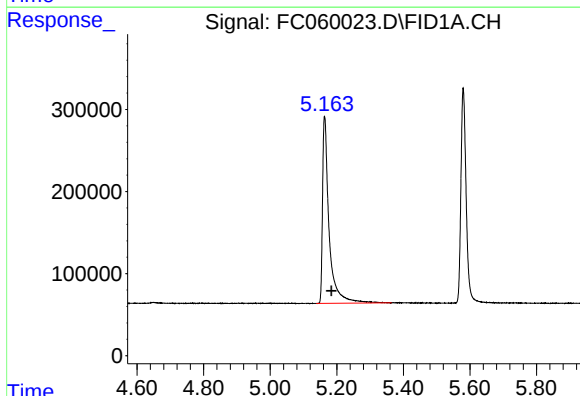
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/01/2022
Supervised By :Ankita Jodhani 06/01/2022



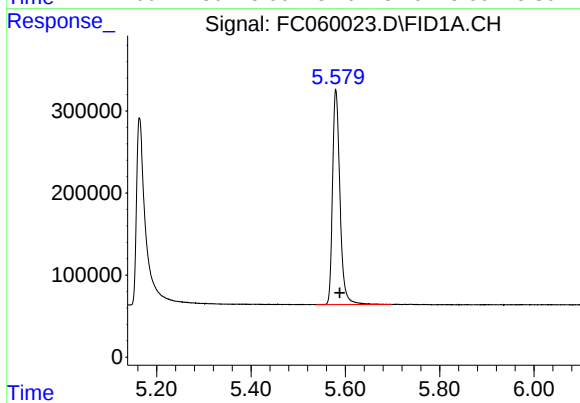
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: -0.010 min
Response: 2733916
Conc: 21.37 ug/ml



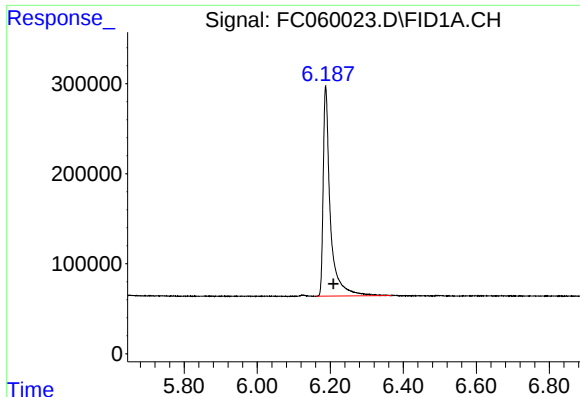
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.020 min
Response: 3126528
Conc: 21.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.581 min
Delta R.T.: -0.007 min
Response: 2860779
Conc: 21.46 ug/ml



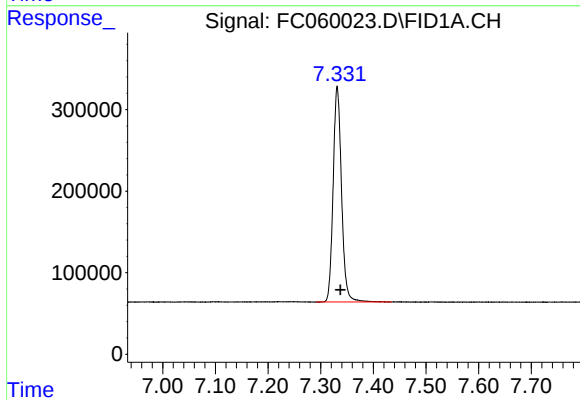
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.189 min
Delta R.T.: -0.020 min
Response: 3167928
Conc: 21.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

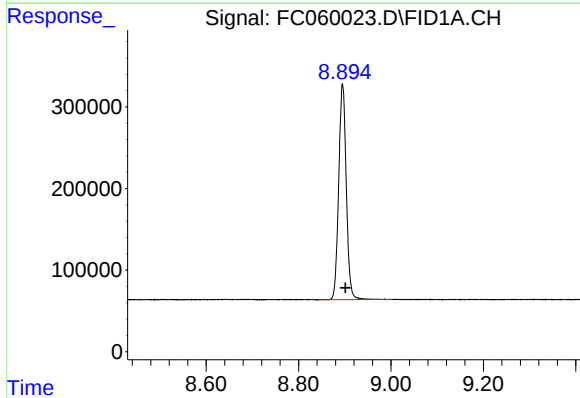
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/01/2022
Supervised By :Ankita Jodhani 06/01/2022



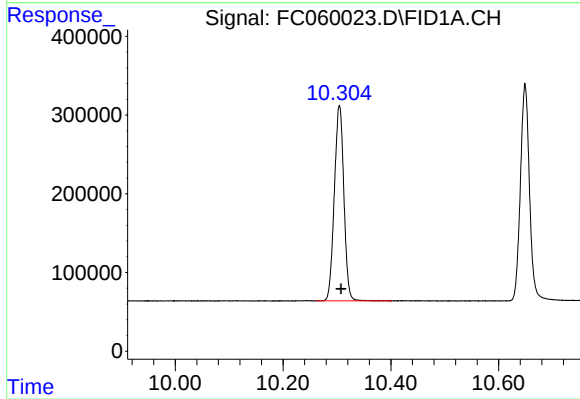
#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 2932532
Conc: 21.48 ug/ml



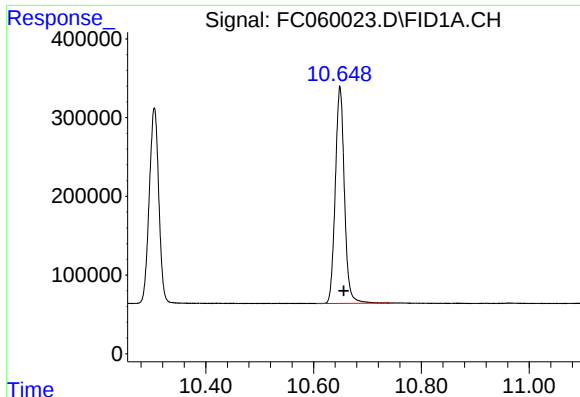
#7 n-Hexadecane (C16)

R.T.: 8.895 min
Delta R.T.: -0.006 min
Response: 3007268
Conc: 21.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.304 min
Delta R.T.: -0.004 min
Response: 3046645
Conc: 21.29 ug/ml



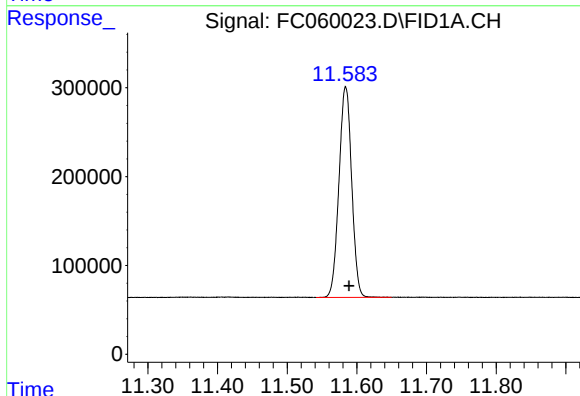
#9 ortho-Terphenyl (SURR)

R.T.: 10.649 min
Delta R.T.: -0.007 min
Response: 3231818
Conc: 20.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

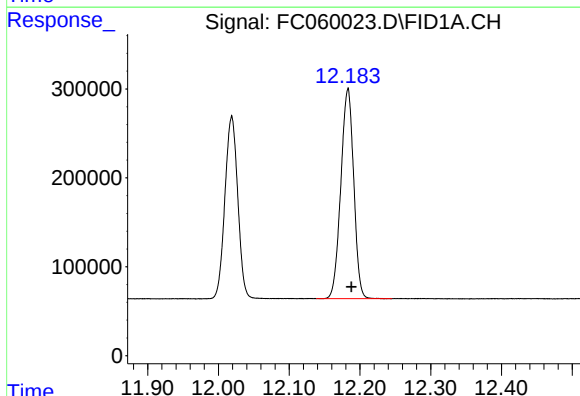
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/01/2022
Supervised By :Ankita Jodhani 06/01/2022



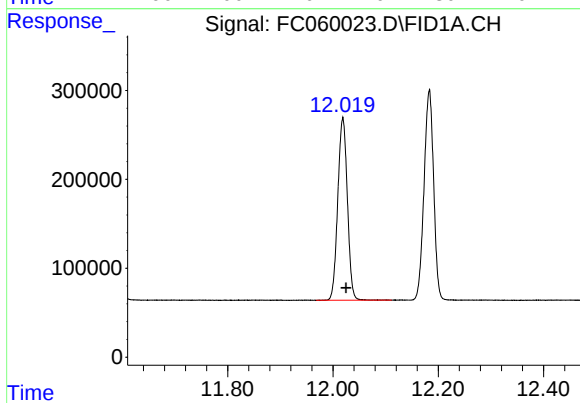
#10 n-Eicosane (C20)

R.T.: 11.584 min
Delta R.T.: -0.005 min
Response: 3003700
Conc: 21.05 ug/ml



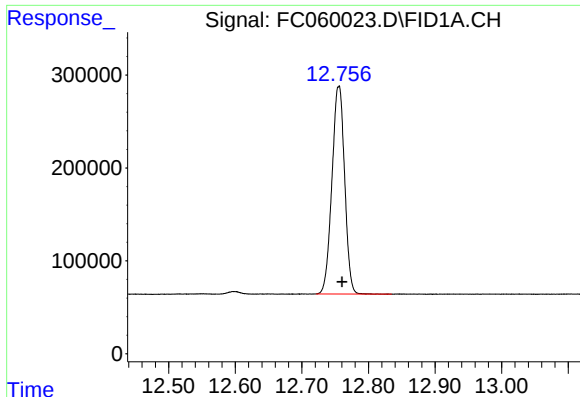
#11 n-Heneicosane (C21)

R.T.: 12.183 min
Delta R.T.: -0.005 min
Response: 2987781
Conc: 20.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.019 min
Delta R.T.: -0.006 min
Response: 2593201
Conc: 20.91 ug/ml



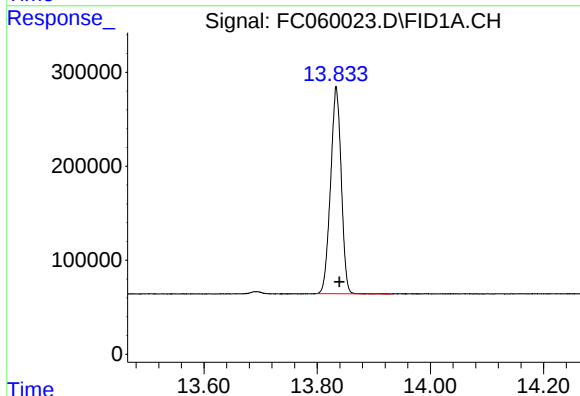
#13 n-Docosane (C22)

R.T.: 12.755 min
Delta R.T.: -0.005 min
Response: 2956063
Conc: 20.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

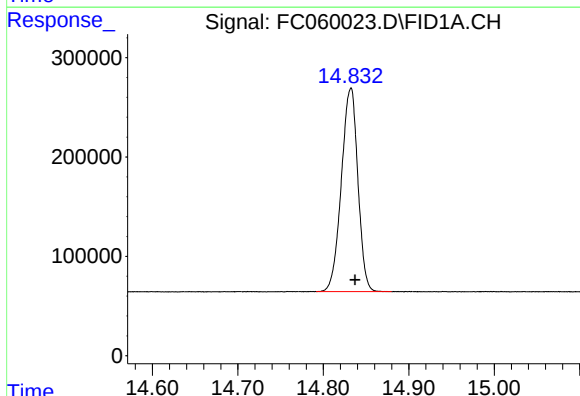
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/01/2022
Supervised By :Ankita Jodhani 06/01/2022



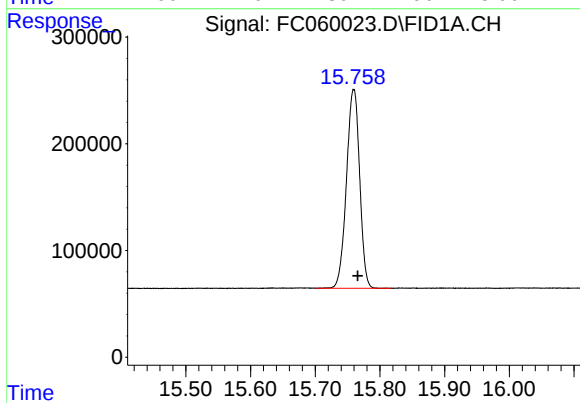
#14 n-Tetracosane (C24)

R.T.: 13.834 min
Delta R.T.: -0.006 min
Response: 2875561
Conc: 20.49 ug/ml



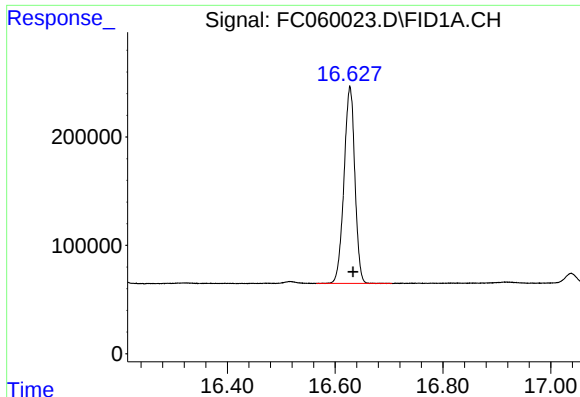
#15 n-Hexacosane (C26)

R.T.: 14.831 min
Delta R.T.: -0.006 min
Response: 2751072
Conc: 20.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.759 min
Delta R.T.: -0.007 min
Response: 2635819
Conc: 20.24 ug/ml



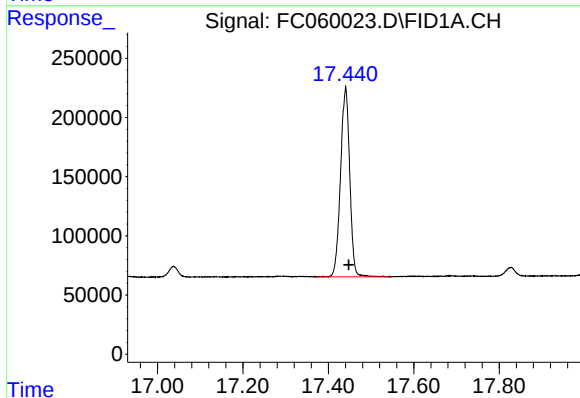
#17 n-Tricontane (C30)

R.T.: 16.627 min
Delta R.T.: -0.006 min
Response: 2538399
Conc: 20.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

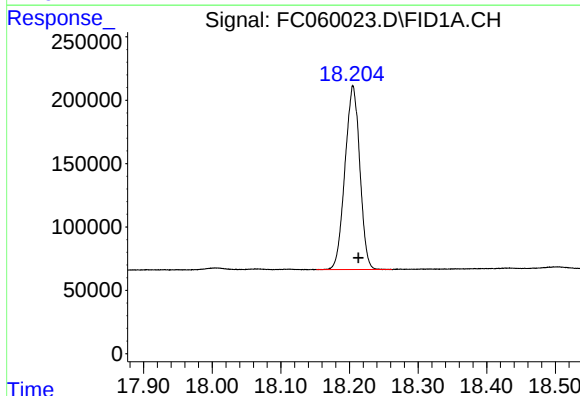
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/01/2022
Supervised By :Ankita Jodhani 06/01/2022



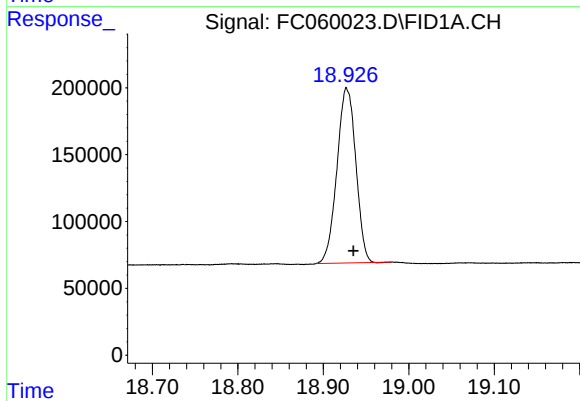
#18 n-Dotriacontane (C32)

R.T.: 17.440 min
Delta R.T.: -0.008 min
Response: 2391217
Conc: 21.45 ug/ml



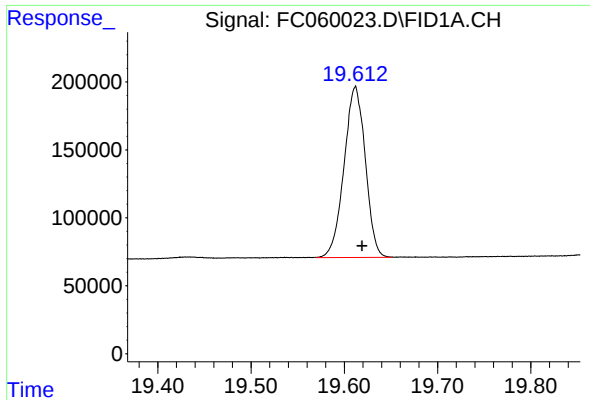
#19 n-Tetratriacontane (C34)

R.T.: 18.205 min
Delta R.T.: -0.008 min
Response: 2177728
Conc: 21.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.928 min
Delta R.T.: -0.007 min
Response: 2008286
Conc: 21.21 ug/ml



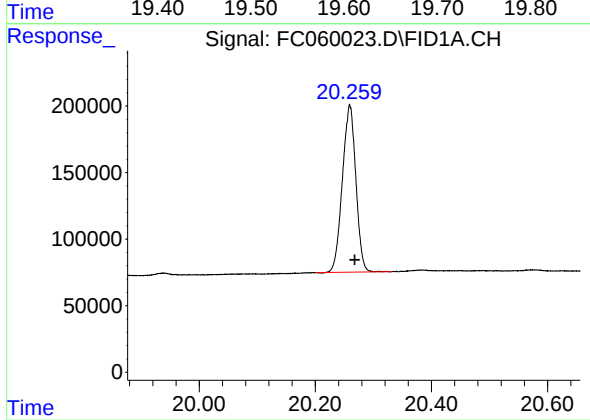
#21 n-Octatriacontane (C38)

R.T.: 19.612 min
Delta R.T.: -0.007 min
Response: 1989468
Conc: 21.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/01/2022
Supervised By :Ankita Jodhani 06/01/2022



#22 n-Tetracontane (C40)

R.T.: 20.259 min
Delta R.T.: -0.009 min
Response: 2024782
Conc: 21.52 ug/ml