

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057564.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 10:45
 Operator : AJ\MA
 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 12/23/2021
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: sample.E
 Quant Time: Dec 17 12:05:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 2021
 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)	10.814	2655948	19.086 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
12) S 1-chlorooctadecane (S...	12.252	2031689	18.346 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
Target Compounds			
1) T n-Nonane (C9)	2.681	2562948	20.744 ug/ml
2) T n-Decane (C10)	3.685	2609193	20.948 ug/ml
3) T A~Naphthalene (C11.7)	5.241	2908172	20.962 ug/ml
4) T n-Dodecane (C12)	5.672	2594691	21.011 ug/ml
5) T A~2-methylnaphthalene...	6.290	2921735	20.893 ug/ml
6) T n-Tetradecane (C14)	7.462	2582117	20.853 ug/ml
7) T n-Hexadecane (C16)	9.061	2547070	20.314 ug/ml
8) T n-Octadecane (C18)	10.502	2540435	19.627 ug/ml
10) T n-Eicosane (C20)	11.809	2435743	18.749 ug/ml
11) T n-Heneicosane (C21)	12.421	2416072	18.409 ug/ml
13) T n-Docosane (C22)	13.006	2357514	17.936 ug/ml
14) T n-Tetracosane (C24)	14.108	2304950	17.330 ug/ml
15) T n-Hexacosane (C26)	15.128	2217224	16.909 ug/ml
16) T n-Octacosane (C28)	16.077	2193311	16.679 ug/ml
17) T n-Tricontane (C30)	16.966	2220973	16.251 ug/ml
18) T n-Dotriacontane (C32)	17.801	2203443	16.434 ug/mlm
19) T n-Tetratriacontane (C34)	18.583	2205361	16.913 ug/ml
20) T n-Hexatriacontane (C36)	19.322	2149496	18.103 ug/ml
21) T n-Octatriacontane (C38)	20.047	2173994	19.794 ug/ml
22) T n-Tetracontane (C40)	20.927	2087328	20.906 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
Data File : FC057564.D
Signal(s) : FID1A.CH
Acq On : 17 Dec 2021 10:45
Operator : AJ\MA
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

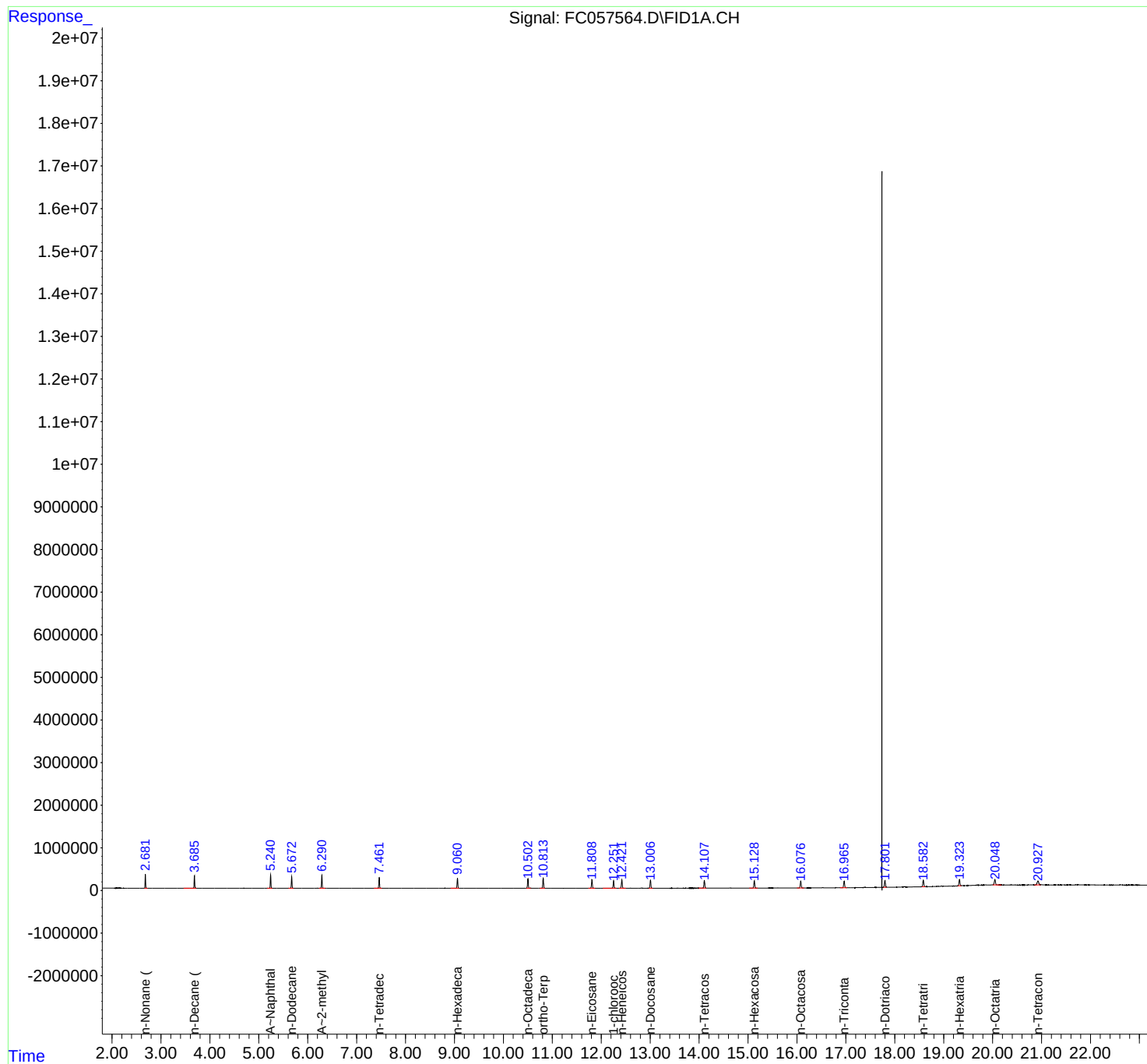
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

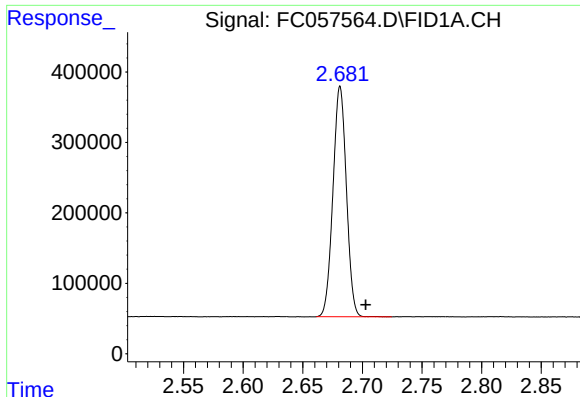
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2021
Supervised By :Ankita Jodhani 12/23/2021

Integration File: sample.E
Quant Time: Dec 17 12:05:18 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
Quant Title : GC Extractables
QLast Update : Tue Dec 14 20:43:13 2021
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





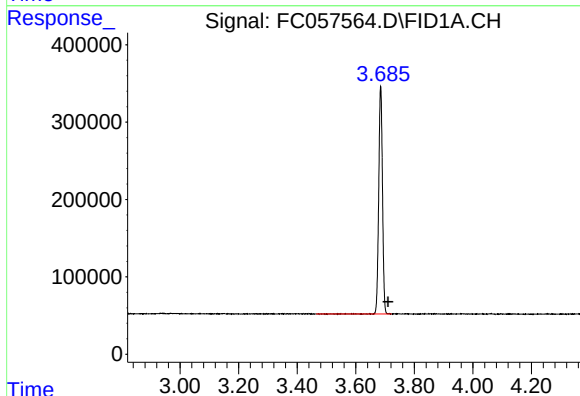
#1 n-Nonane (C9)

R.T.: 2.681 min
Delta R.T.: -0.022 min
Response: 2562948
Conc: 20.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

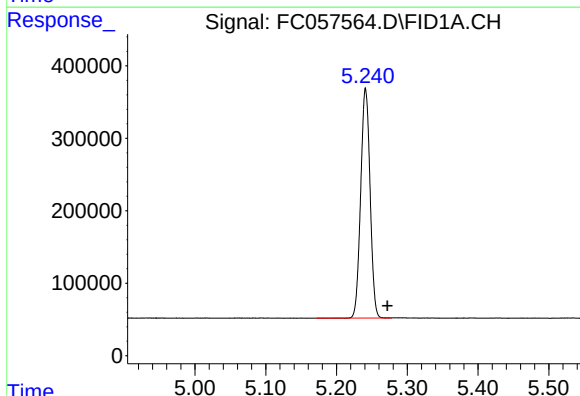
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2021
Supervised By :Ankita Jodhani 12/23/2021



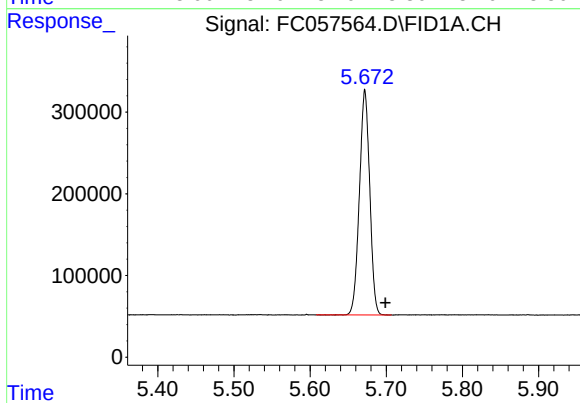
#2 n-Decane (C10)

R.T.: 3.685 min
Delta R.T.: -0.025 min
Response: 2609193
Conc: 20.95 ug/ml



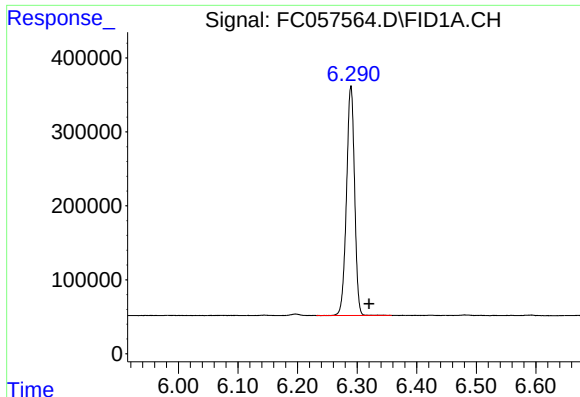
#3 A~Naphthalene (C11.7)

R.T.: 5.241 min
Delta R.T.: -0.031 min
Response: 2908172
Conc: 20.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.672 min
Delta R.T.: -0.027 min
Response: 2594691
Conc: 21.01 ug/ml



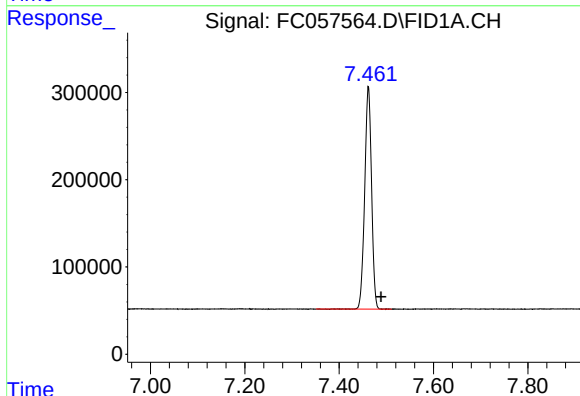
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.290 min
Delta R.T.: -0.030 min
Response: 2921735
Conc: 20.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

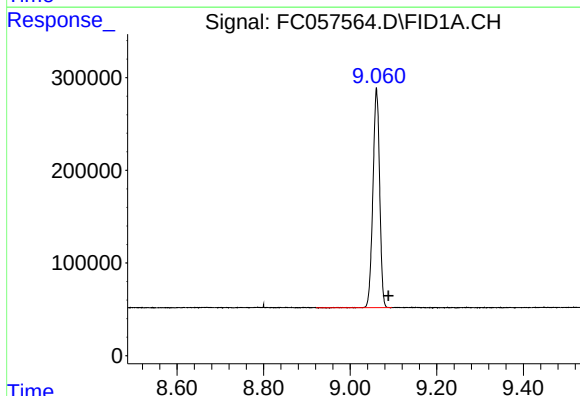
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2021
Supervised By :Ankita Jodhani 12/23/2021



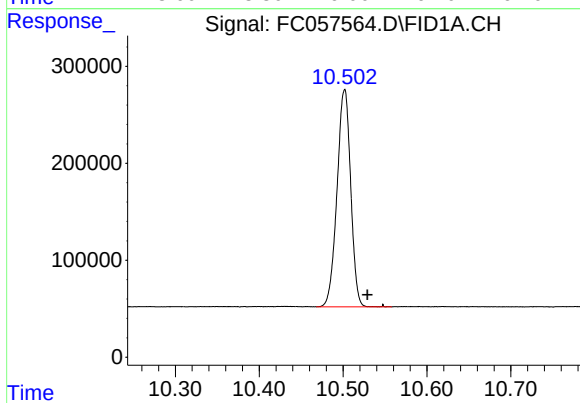
#6 n-Tetradecane (C14)

R.T.: 7.462 min
Delta R.T.: -0.027 min
Response: 2582117
Conc: 20.85 ug/ml



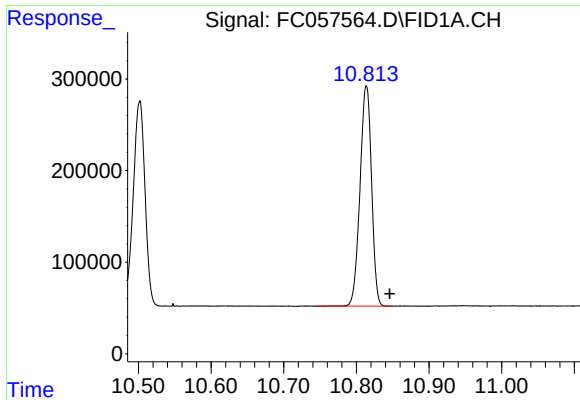
#7 n-Hexadecane (C16)

R.T.: 9.061 min
Delta R.T.: -0.027 min
Response: 2547070
Conc: 20.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.502 min
Delta R.T.: -0.027 min
Response: 2540435
Conc: 19.63 ug/ml



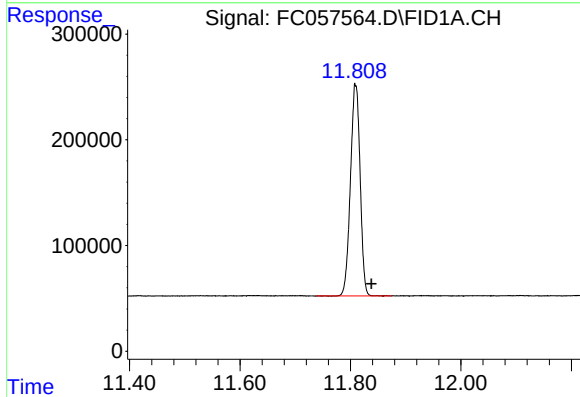
#9 ortho-Terphenyl (SURR)

R.T.: 10.814 min
Delta R.T.: -0.032 min
Response: 2655948
Conc: 19.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

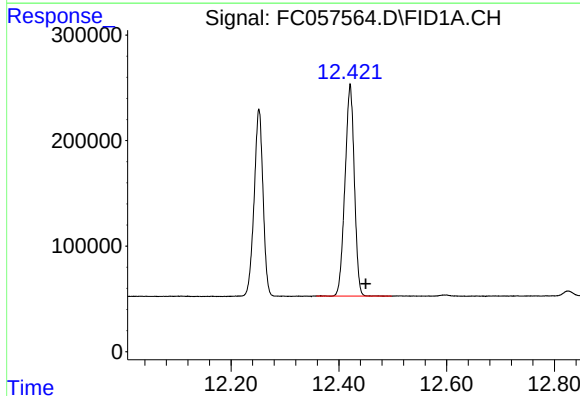
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2021
Supervised By :Ankita Jodhani 12/23/2021



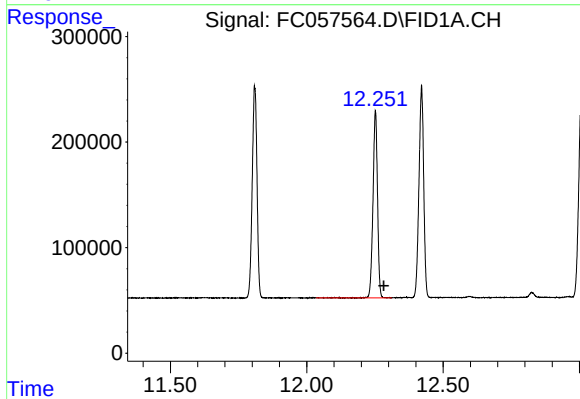
#10 n-Eicosane (C20)

R.T.: 11.809 min
Delta R.T.: -0.029 min
Response: 2435743
Conc: 18.75 ug/ml



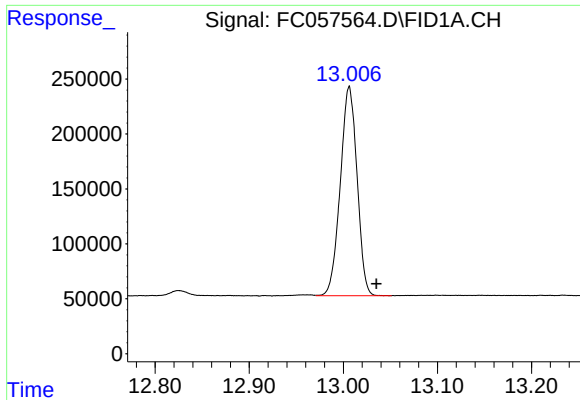
#11 n-Heneicosane (C21)

R.T.: 12.421 min
Delta R.T.: -0.029 min
Response: 2416072
Conc: 18.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.252 min
Delta R.T.: -0.030 min
Response: 2031689
Conc: 18.35 ug/ml



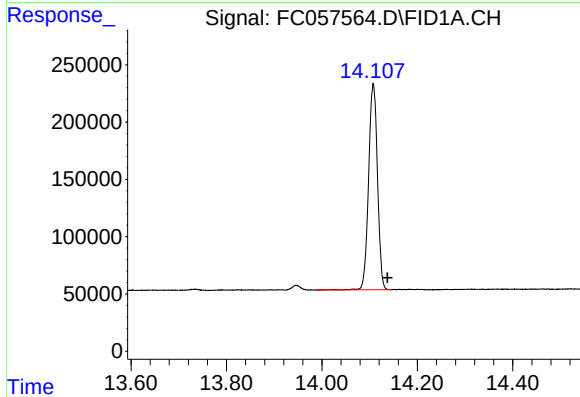
#13 n-Docosane (C22)

R.T.: 13.006 min
Delta R.T.: -0.029 min
Response: 2357514
Conc: 17.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

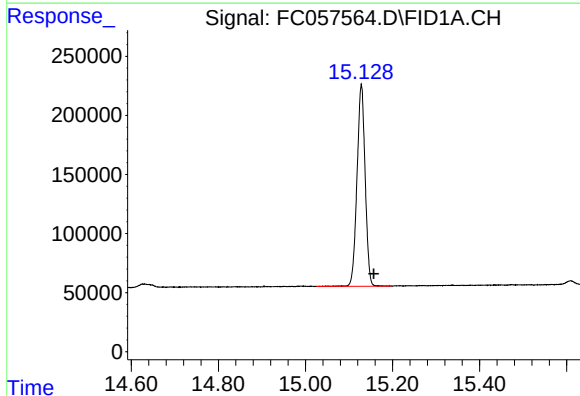
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2021
Supervised By :Ankita Jodhani 12/23/2021



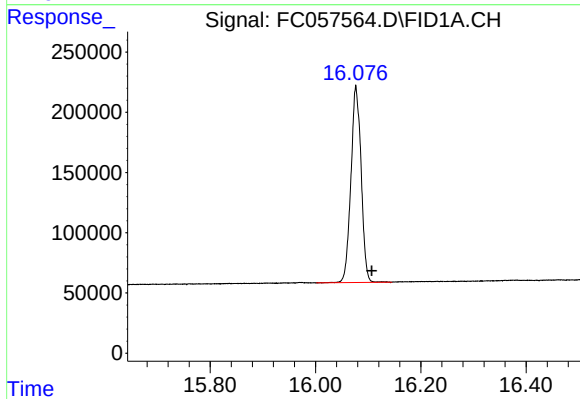
#14 n-Tetracosane (C24)

R.T.: 14.108 min
Delta R.T.: -0.029 min
Response: 2304950
Conc: 17.33 ug/ml



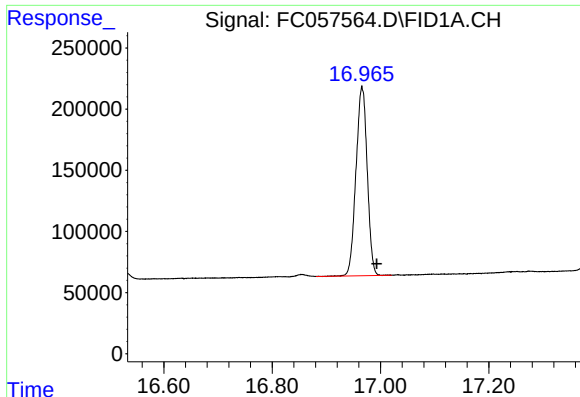
#15 n-Hexacosane (C26)

R.T.: 15.128 min
Delta R.T.: -0.029 min
Response: 2217224
Conc: 16.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.077 min
Delta R.T.: -0.030 min
Response: 2193311
Conc: 16.68 ug/ml



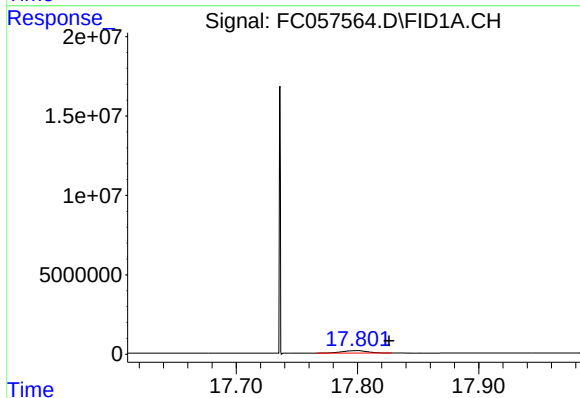
#17 n-Tricontane (C30)

R.T.: 16.966 min
Delta R.T.: -0.027 min
Response: 2220973
Conc: 16.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

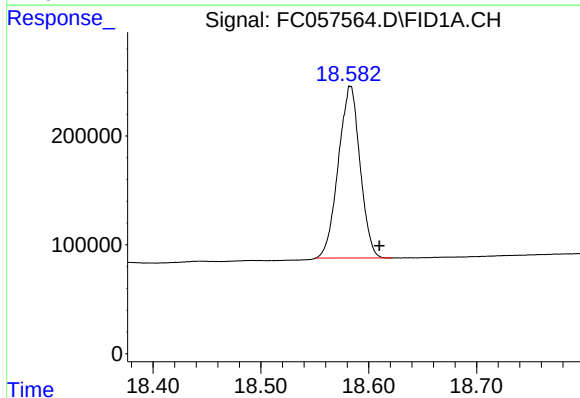
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2021
Supervised By :Ankita Jodhani 12/23/2021



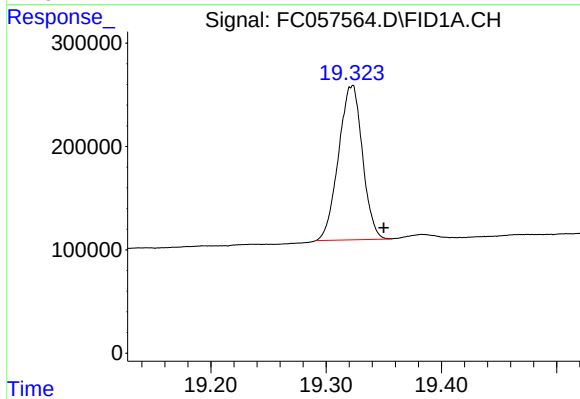
#18 n-Dotriacontane (C32)

R.T.: 17.801 min
Delta R.T.: -0.025 min
Response: 2203443
Conc: 16.43 ug/ml m



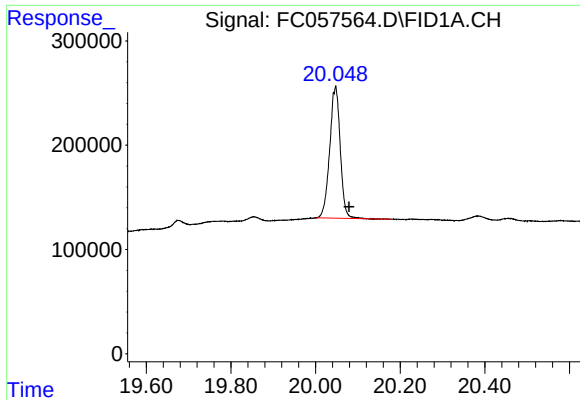
#19 n-Tetratriacontane (C34)

R.T.: 18.583 min
Delta R.T.: -0.027 min
Response: 2205361
Conc: 16.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.322 min
Delta R.T.: -0.028 min
Response: 2149496
Conc: 18.10 ug/ml



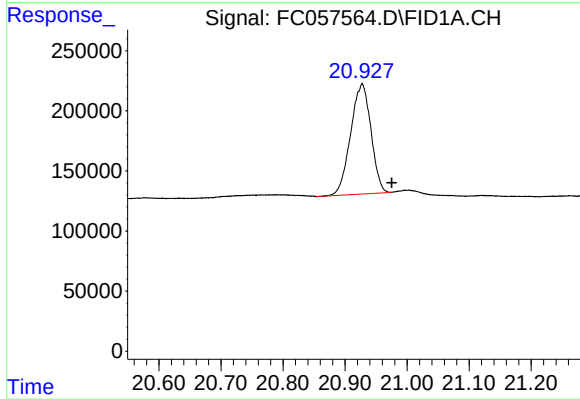
#21 n-Octatriacontane (C38)

R.T.: 20.047 min
Delta R.T.: -0.032 min
Response: 2173994
Conc: 19.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2021
Supervised By :Ankita Jodhani 12/23/2021



#22 n-Tetracontane (C40)

R.T.: 20.927 min
Delta R.T.: -0.048 min
Response: 2087328
Conc: 20.91 ug/ml m