

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080122AL\
 Data File : FC060938.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2022 03:02
 Operator : YP/AJ
 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 08/02/2022
 Supervised By :Ankita Jodhani 08/02/2022

Integration File: autoint1.e
 Quant Time: Aug 02 07:03:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.631	3098382	18.880 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
12) S 1-chlorooctadecane (S...	11.996	2490905	18.763 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T n-Nonane (C9)	2.625	2797144	19.861 ug/ml
2) T n-Decane (C10)	3.619	2870722	20.350 ug/ml
3) T A~Naphthalene (C11.7)	5.160	2948751	20.745 ug/ml
4) T n-Dodecane (C12)	5.565	2973285	20.061 ug/ml
5) T A~2-methylnaphthalene...	6.183	2880090	20.999 ug/ml
6) T n-Tetradecane (C14)	7.314	2997150	19.963 ug/ml
7) T n-Hexadecane (C16)	8.875	3027996	19.786 ug/ml
8) T n-Octadecane (C18)	10.281	3036800	19.447 ug/ml
10) T n-Eicosane (C20)	11.560	2987301	19.036 ug/ml
11) T n-Heneicosane (C21)	12.158	2951614	18.864 ug/ml
13) T n-Docosane (C22)	12.730	2915392	18.698 ug/ml
14) T n-Tetracosane (C24)	13.806	2794792	18.306 ug/ml
15) T n-Hexacosane (C26)	14.803	2666717	17.865 ug/ml
16) T n-Octacosane (C28)	15.730	2577532	17.988 ug/ml
17) T n-Tricontane (C30)	16.596	2650297	18.930 ug/ml
18) T n-Dotriacontane (C32)	17.408	2704554	20.039 ug/ml
19) T n-Tetratriacontane (C34)	18.171	2556742	20.386 ug/mlm
20) T n-Hexatriacontane (C36)	18.894	2524002	20.649 ug/mlm
21) T n-Octatriacontane (C38)	19.575	2495803	21.146 ug/mlm
22) T n-Tetracontane (C40)	20.224	2395669	20.814 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080122AL\
Data File : FC060938.D
Signal(s) : FID1A.ch
Acq On : 02 Aug 2022 03:02
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

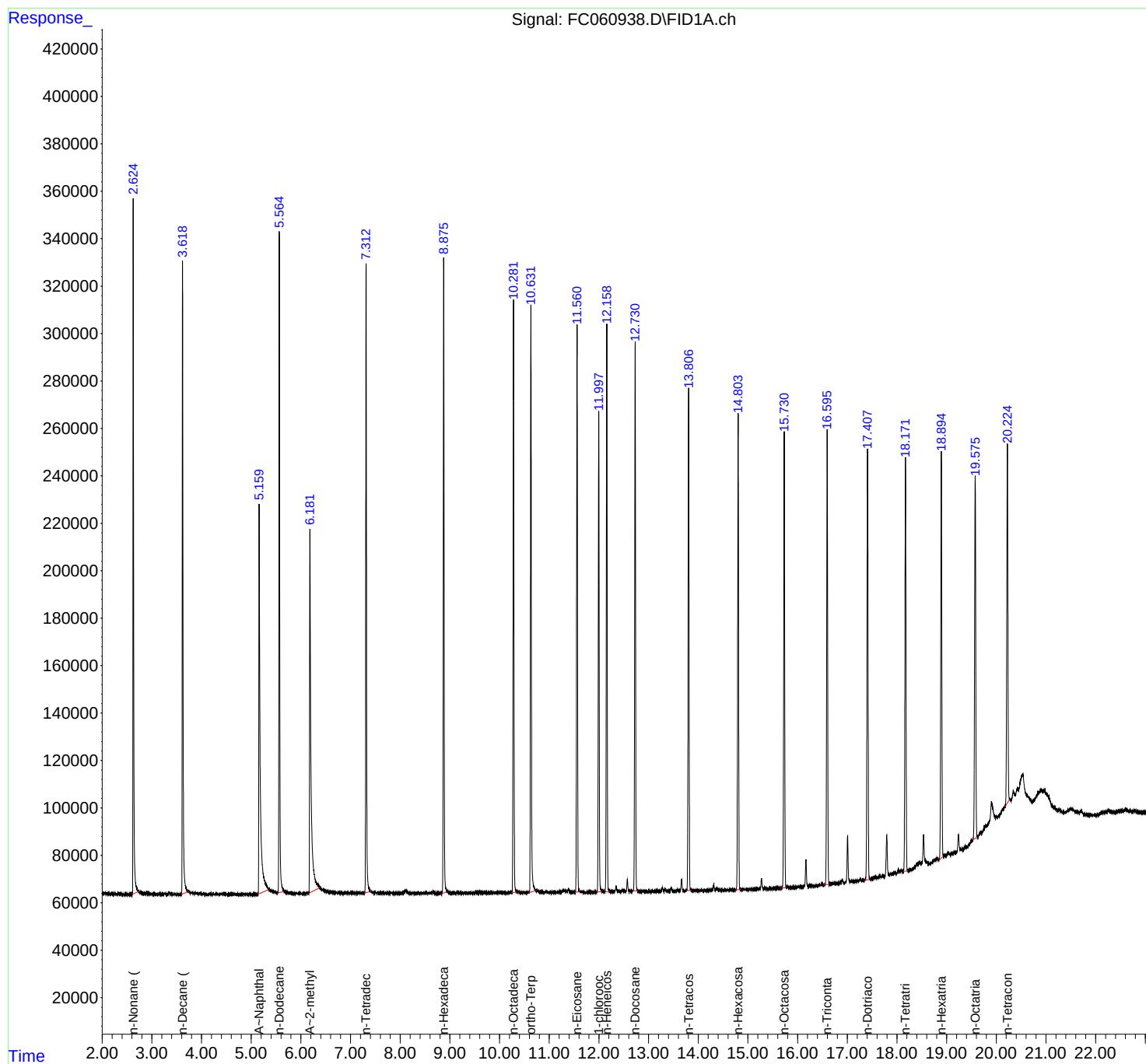
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

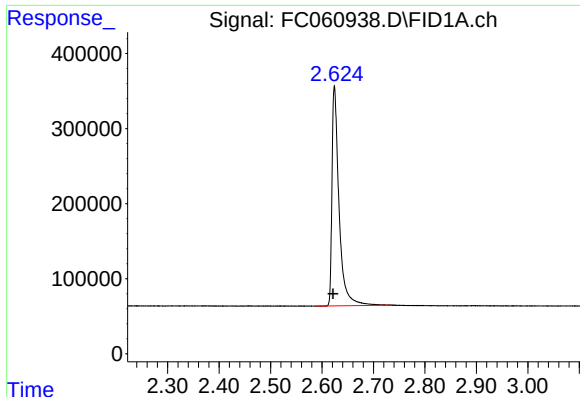
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2022
Supervised By :Ankita Jodhani 08/02/2022

Integration File: autoint1.e
Quant Time: Aug 02 07:03:56 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
Quant Title : GC Extractables
QLast Update : Mon Jul 25 19:40:54 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





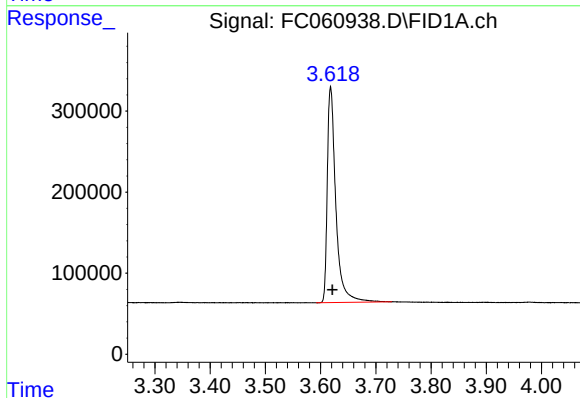
#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: 0.003 min
Response: 2797144
Conc: 19.86 ug/ml

Instrument : FID_C
ClientSampleId : 20 PPM ALIPHATIC HC STD

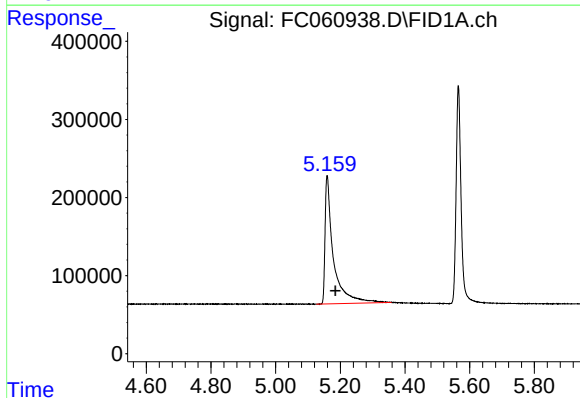
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2022
Supervised By :Ankita Jodhani 08/02/2022



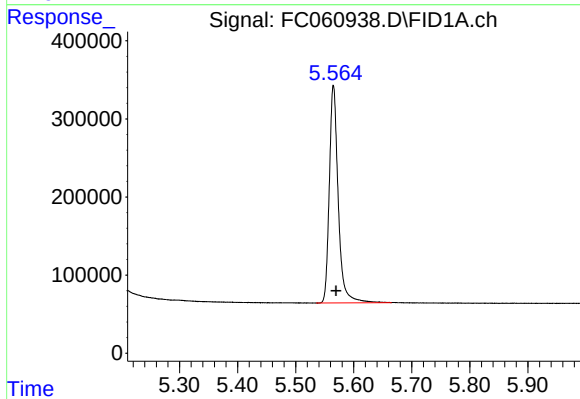
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.003 min
Response: 2870722
Conc: 20.35 ug/ml



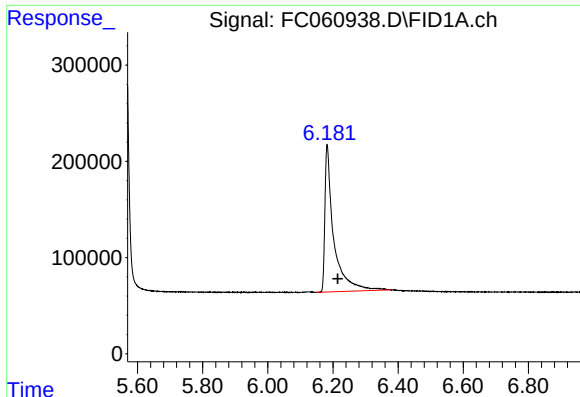
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.025 min
Response: 2948751
Conc: 20.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.565 min
Delta R.T.: -0.004 min
Response: 2973285
Conc: 20.06 ug/ml



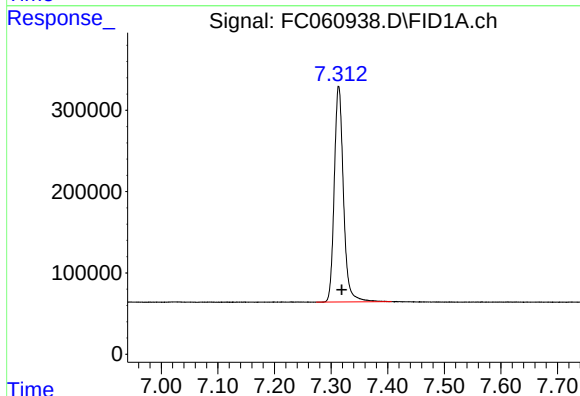
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.183 min
Delta R.T.: -0.032 min
Response: 2880090
Conc: 21.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

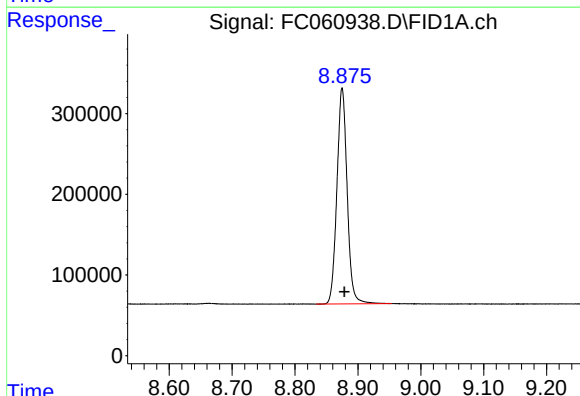
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2022
Supervised By :Ankita Jodhani 08/02/2022



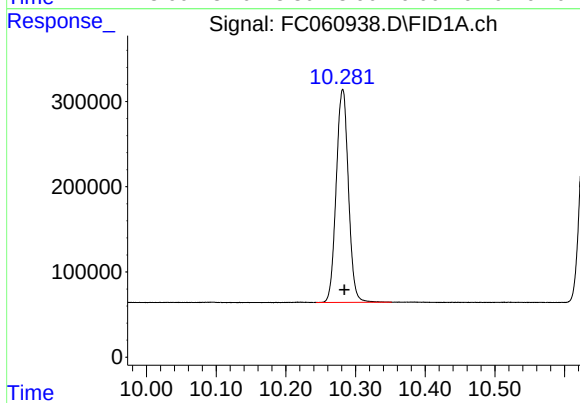
#6 n-Tetradecane (C14)

R.T.: 7.314 min
Delta R.T.: -0.006 min
Response: 2997150
Conc: 19.96 ug/ml



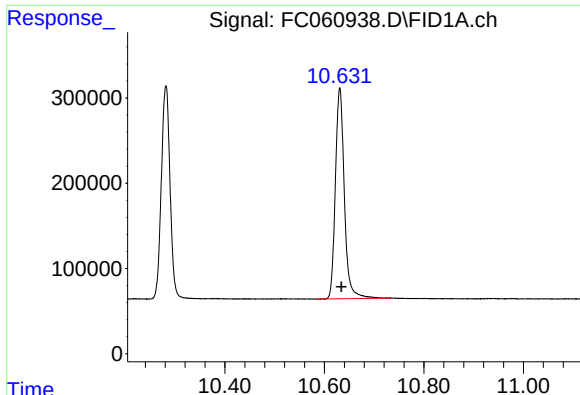
#7 n-Hexadecane (C16)

R.T.: 8.875 min
Delta R.T.: -0.003 min
Response: 3027996
Conc: 19.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.281 min
Delta R.T.: -0.002 min
Response: 3036800
Conc: 19.45 ug/ml



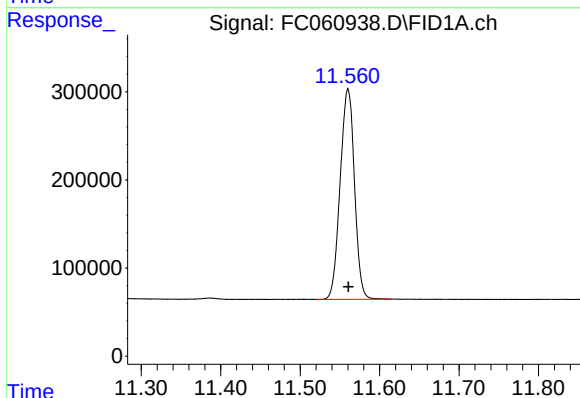
#9 ortho-Terphenyl (SURR)

R.T.: 10.631 min
Delta R.T.: -0.004 min
Response: 3098382
Conc: 18.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

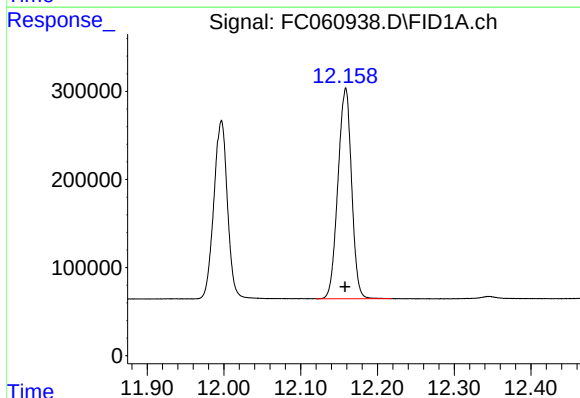
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2022
Supervised By :Ankita Jodhani 08/02/2022



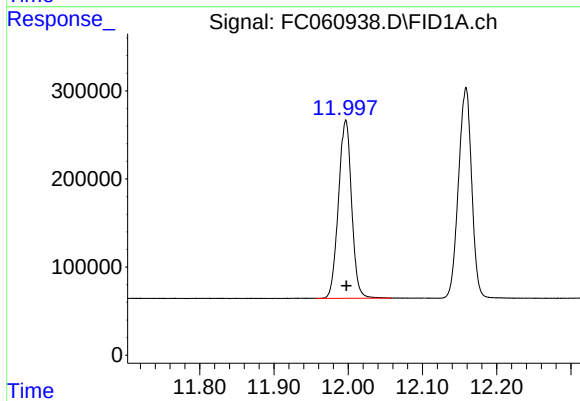
#10 n-Eicosane (C20)

R.T.: 11.560 min
Delta R.T.: 0.000 min
Response: 2987301
Conc: 19.04 ug/ml



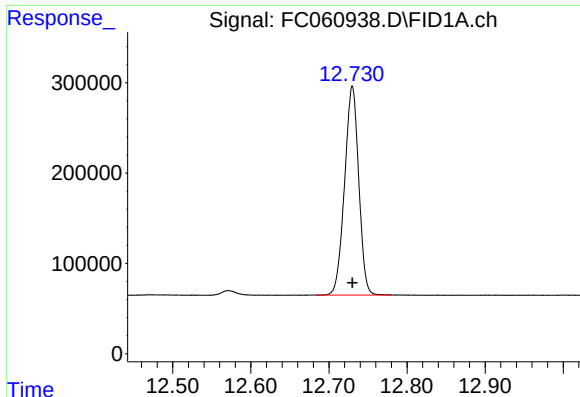
#11 n-Heneicosane (C21)

R.T.: 12.158 min
Delta R.T.: 0.000 min
Response: 2951614
Conc: 18.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.996 min
Delta R.T.: -0.001 min
Response: 2490905
Conc: 18.76 ug/ml



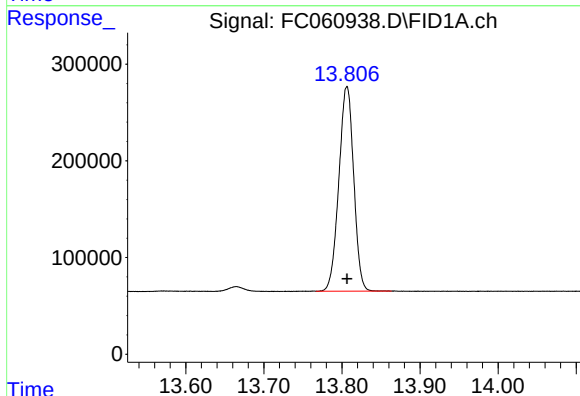
#13 n-Docosane (C22)

R.T.: 12.730 min
Delta R.T.: 0.000 min
Response: 2915392
Conc: 18.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

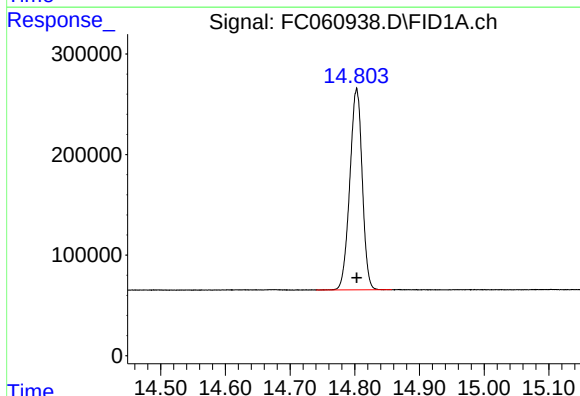
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2022
Supervised By :Ankita Jodhani 08/02/2022



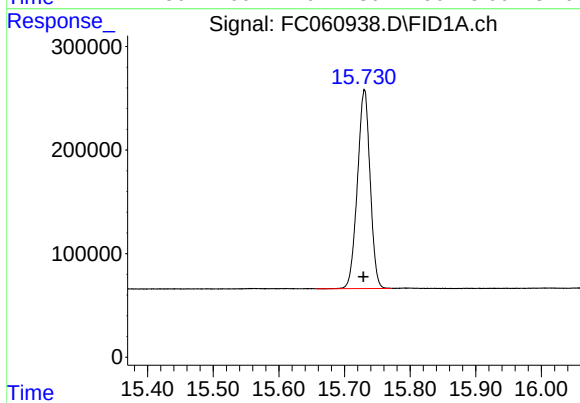
#14 n-Tetracosane (C24)

R.T.: 13.806 min
Delta R.T.: 0.000 min
Response: 2794792
Conc: 18.31 ug/ml



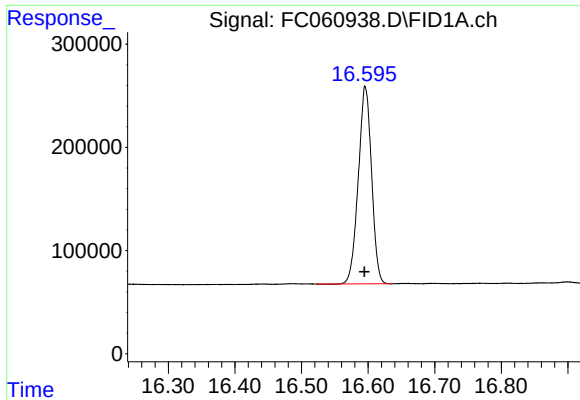
#15 n-Hexacosane (C26)

R.T.: 14.803 min
Delta R.T.: 0.000 min
Response: 2666717
Conc: 17.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.730 min
Delta R.T.: 0.002 min
Response: 2577532
Conc: 17.99 ug/ml



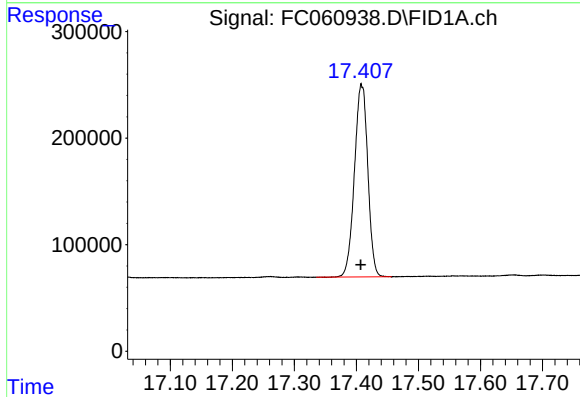
#17 n-Tricontane (C30)

R.T.: 16.596 min
Delta R.T.: 0.002 min
Response: 2650297
Conc: 18.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

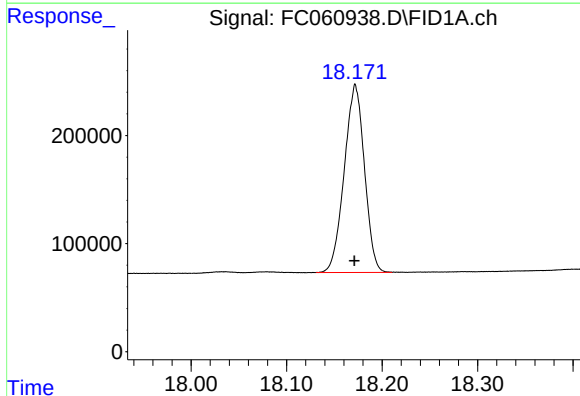
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2022
Supervised By :Ankita Jodhani 08/02/2022



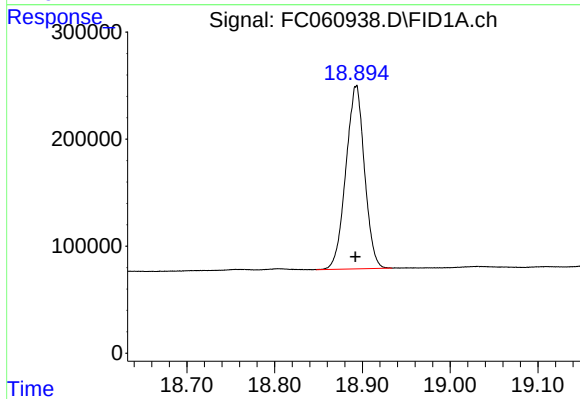
#18 n-Dotriacontane (C32)

R.T.: 17.408 min
Delta R.T.: 0.001 min
Response: 2704554
Conc: 20.04 ug/ml



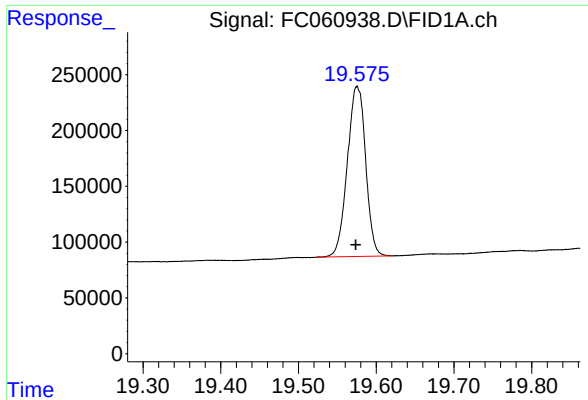
#19 n-Tetratriacontane (C34)

R.T.: 18.171 min
Delta R.T.: 0.000 min
Response: 2556742
Conc: 20.39 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.894 min
Delta R.T.: 0.002 min
Response: 2524002
Conc: 20.65 ug/ml m



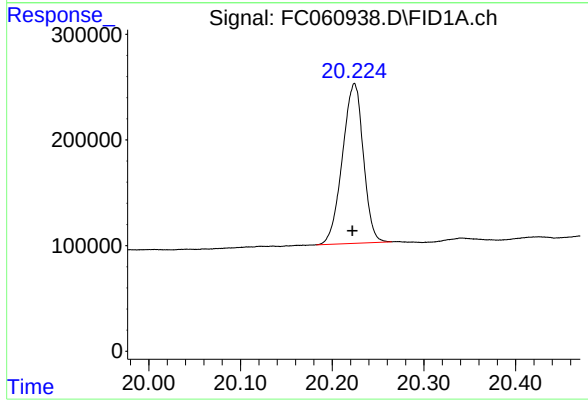
#21 n-Octatriacontane (C38)

R.T.: 19.575 min
Delta R.T.: 0.002 min
Response: 2495803
Conc: 21.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2022
Supervised By :Ankita Jodhani 08/02/2022



#22 n-Tetracontane (C40)

R.T.: 20.224 min
Delta R.T.: 0.002 min
Response: 2395669
Conc: 20.81 ug/ml m