

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062023AL\
 Data File : FC063933.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jun 2023 04:03
 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 06/21/2023
 Supervised By :Ankita Jodhani 06/21/2023

Integration File: autoint1.e
 Quant Time: Jun 21 04:32:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 2023
 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)	11.523	3430799	18.800 ug/ml
Spiked Amount 50.000		Recovery =	37.60%
12) S 1-chlorooctadecane (S...	12.958	2465389	19.295 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
Target Compounds			
1) T n-Nonane (C9)	3.304	3160869	19.832 ug/ml
2) T n-Decane (C10)	4.367	3218609	19.911 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3336381	19.205 ug/ml
4) T n-Dodecane (C12)	6.382	3185706	19.483 ug/ml
5) T A~2-methylnaphthalene...	7.005	3167502	19.335 ug/ml
6) T n-Tetradecane (C14)	8.174	3061988	19.469 ug/ml
7) T n-Hexadecane (C16)	9.772	3072833	19.309 ug/ml
8) T n-Octadecane (C18)	11.210	3045571	19.248 ug/ml
10) T n-Eicosane (C20)	12.515	2870467	19.409 ug/ml
11) T n-Heneicosane (C21)	13.126	2792839	19.402 ug/ml
13) T n-Docosane (C22)	13.711	2753156	19.544 ug/ml
14) T n-Tetracosane (C24)	14.810	2708342	19.737 ug/ml
15) T n-Hexacosane (C26)	15.828	2657825	20.045 ug/ml
16) T n-Octacosane (C28)	16.774	2640237	20.793 ug/ml
17) T n-Tricontane (C30)	17.658	2778195	21.745 ug/ml
18) T n-Dotriacontane (C32)	18.488	2805421	22.546 ug/ml
19) T n-Tetratriacontane (C34)	19.270	2750921	22.311 ug/ml
20) T n-Hexatriacontane (C36)	20.006	2658153	22.147 ug/mlm
21) T n-Octatriacontane (C38)	20.728	2629465	21.779 ug/mlm
22) T n-Tetracontane (C40)	21.619	2606514	21.511 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062023AL\
Data File : FC063933.D
Signal(s) : FID1A.ch
Acq On : 21 Jun 2023 04:03
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

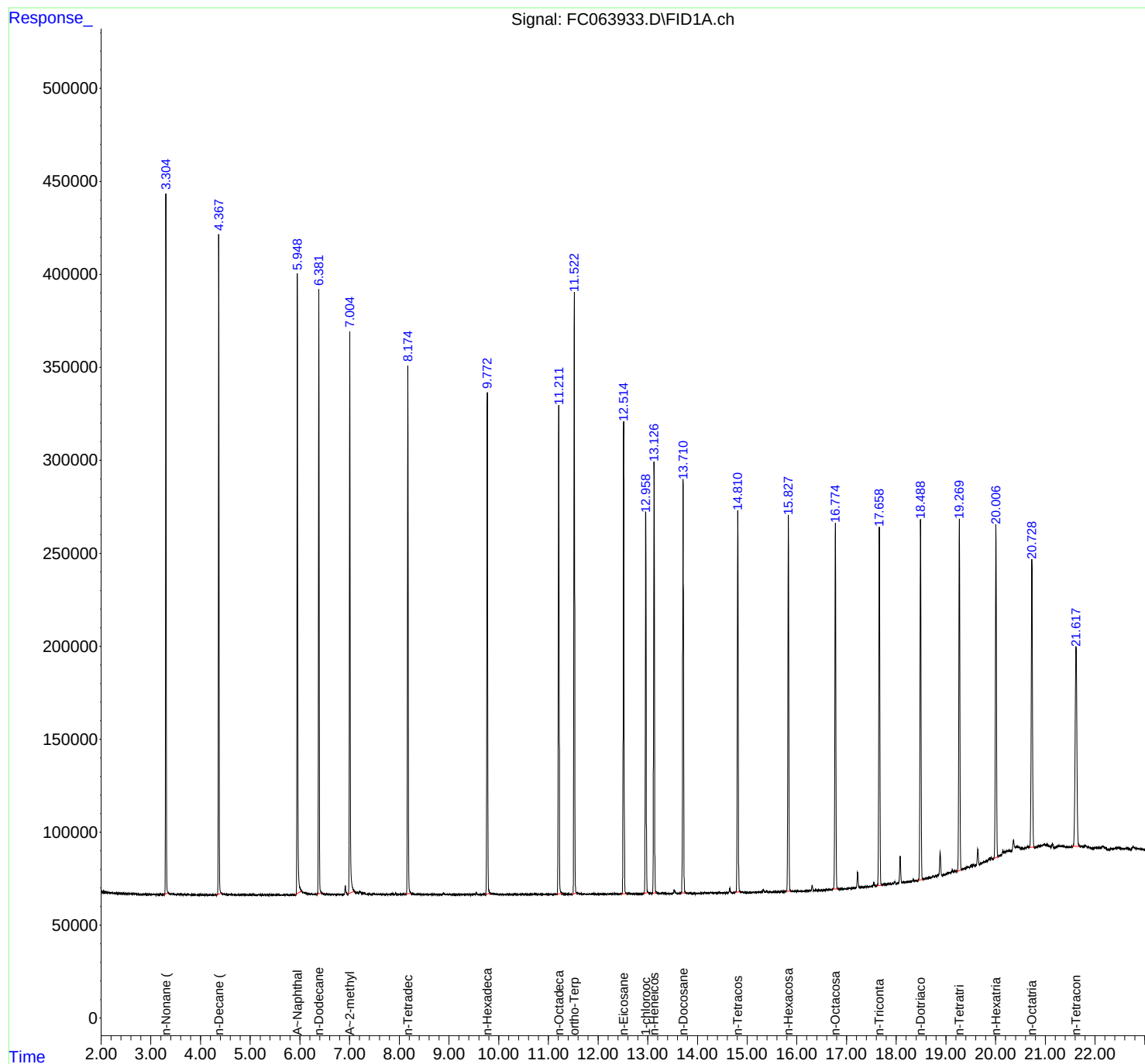
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

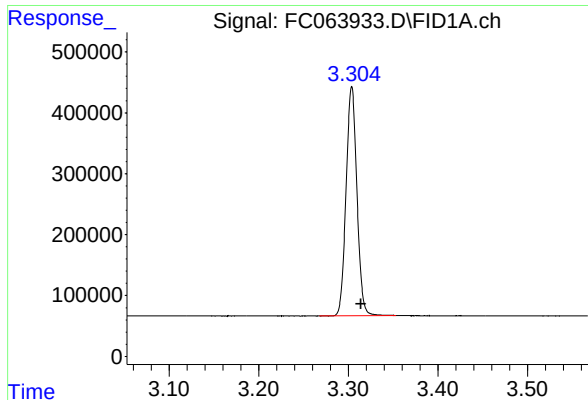
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023

Integration File: autoint1.e
Quant Time: Jun 21 04:32:24 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
Quant Title : GC Extractables
QLast Update : Sat May 27 06:12:33 2023
Response via : Initial Calibration
Integrator: ChemStation

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





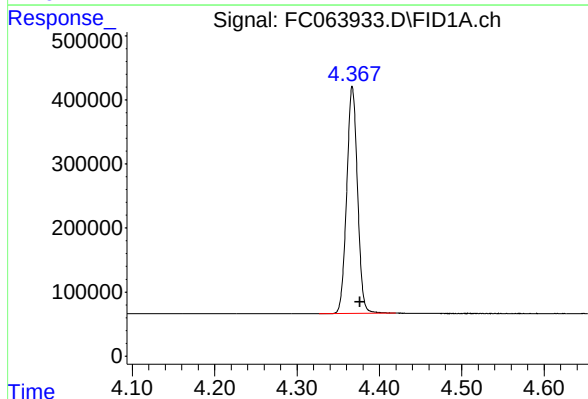
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.010 min
Response: 3160869
Conc: 19.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

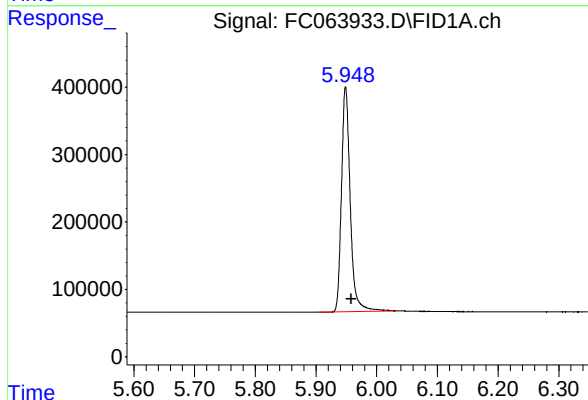
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



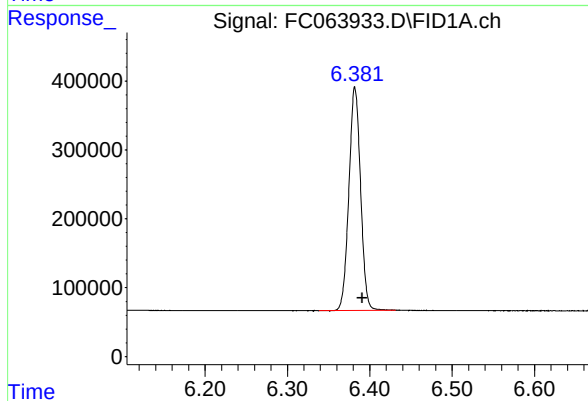
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.009 min
Response: 3218609
Conc: 19.91 ug/ml



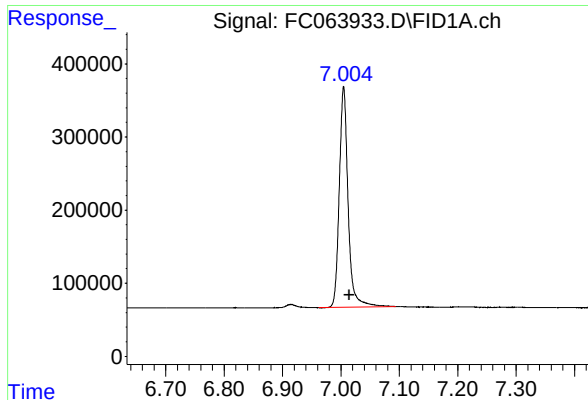
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.009 min
Response: 3336381
Conc: 19.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.009 min
Response: 3185706
Conc: 19.48 ug/ml



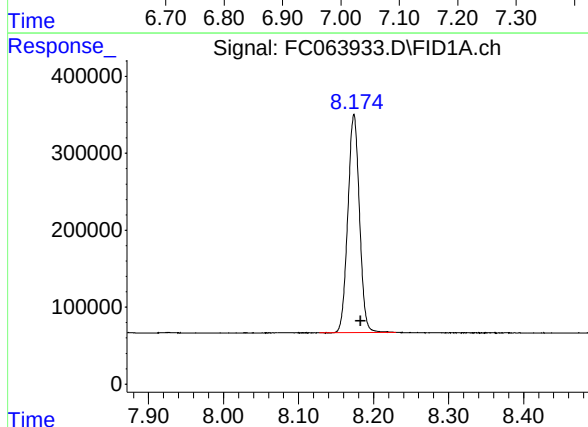
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.009 min
Response: 3167502
Conc: 19.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

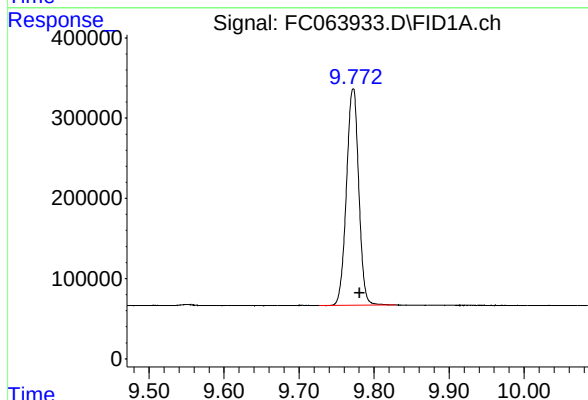
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



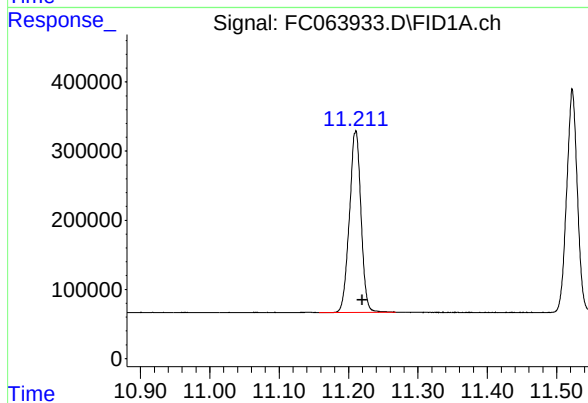
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.009 min
Response: 3061988
Conc: 19.47 ug/ml



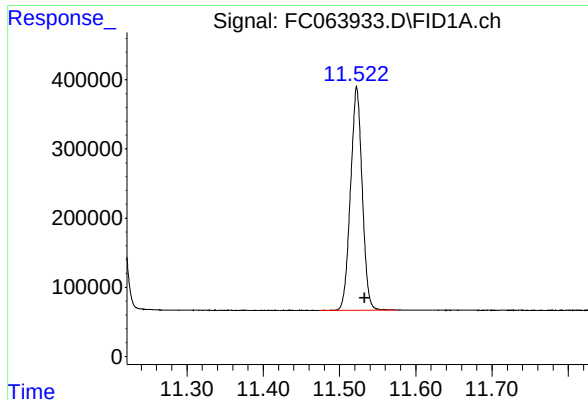
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.009 min
Response: 3072833
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: -0.010 min
Response: 3045571
Conc: 19.25 ug/ml



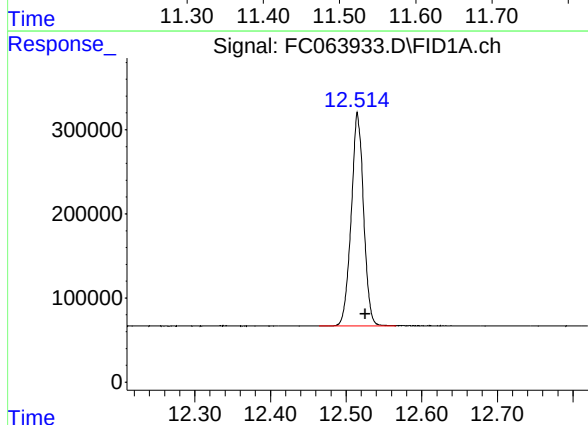
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.010 min
Response: 3430799
Conc: 18.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

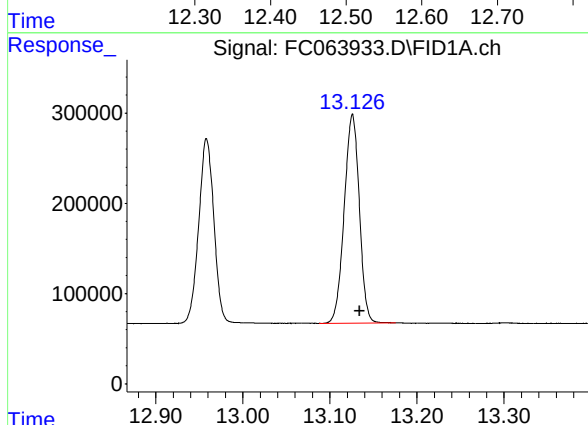
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



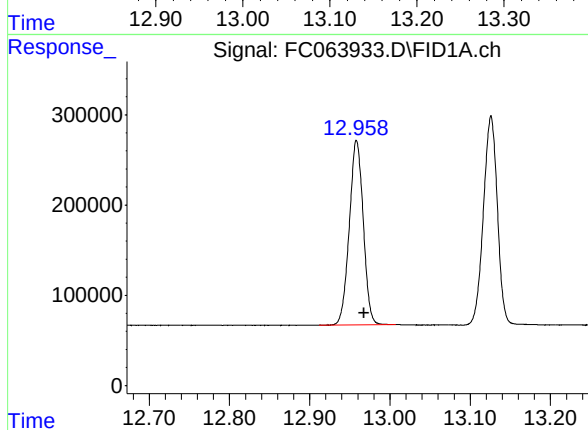
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.010 min
Response: 2870467
Conc: 19.41 ug/ml



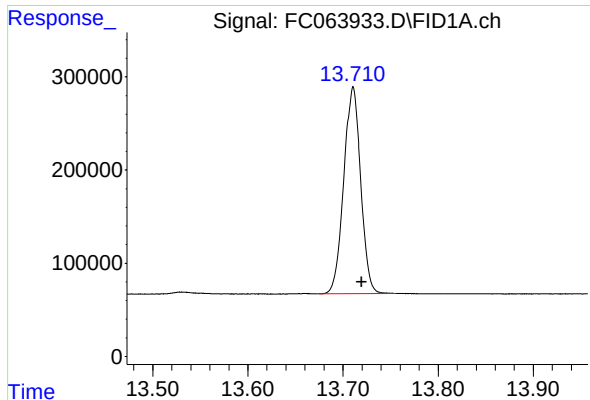
#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: -0.008 min
Response: 2792839
Conc: 19.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.009 min
Response: 2465389
Conc: 19.30 ug/ml



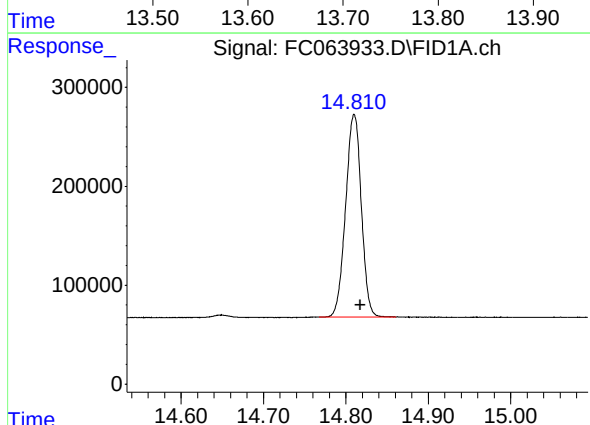
#13 n-Docosane (C22)

R.T.: 13.711 min
Delta R.T.: -0.009 min
Response: 2753156
Conc: 19.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

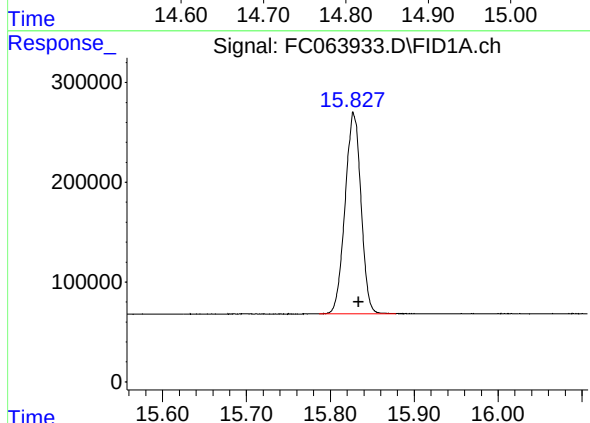
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



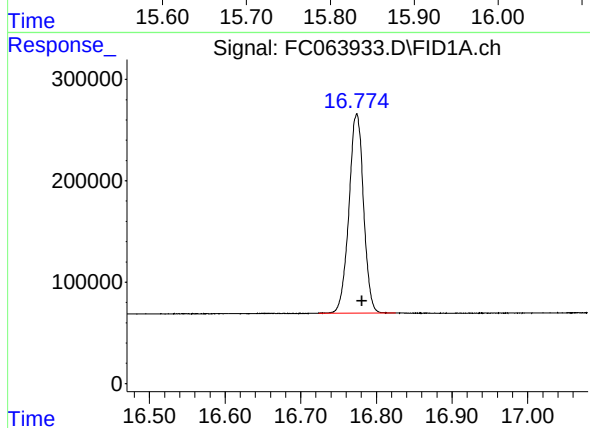
#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: -0.008 min
Response: 2708342
Conc: 19.74 ug/ml



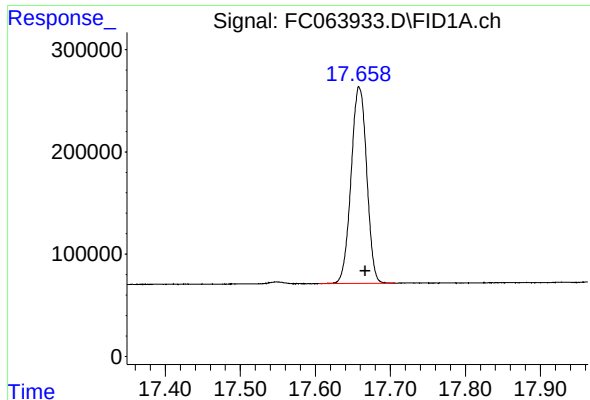
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.006 min
Response: 2657825
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: -0.007 min
Response: 2640237
Conc: 20.79 ug/ml



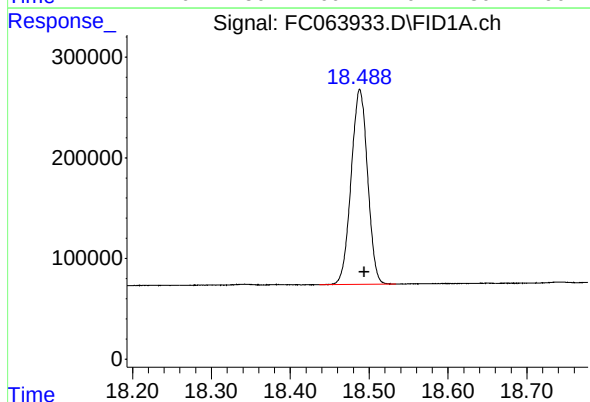
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: -0.009 min
Response: 2778195
Conc: 21.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

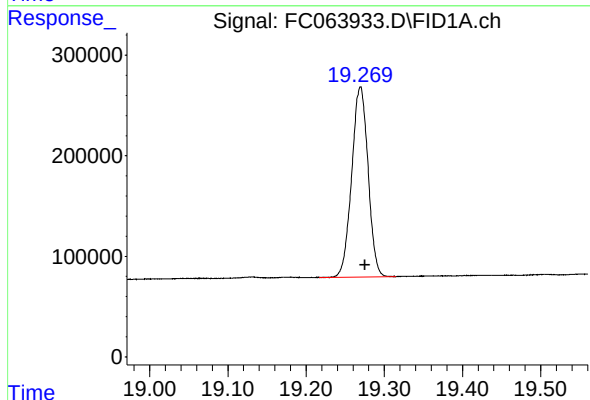
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



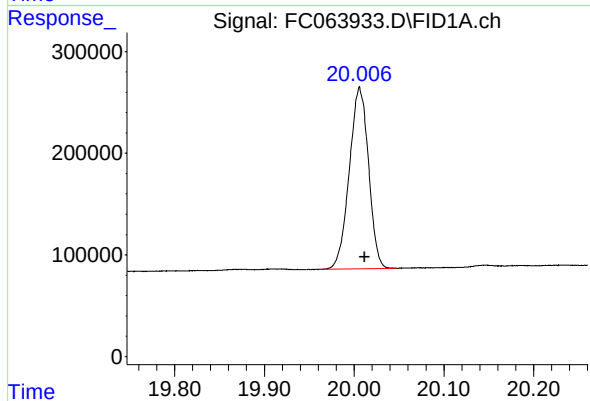
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: -0.006 min
Response: 2805421
Conc: 22.55 ug/ml



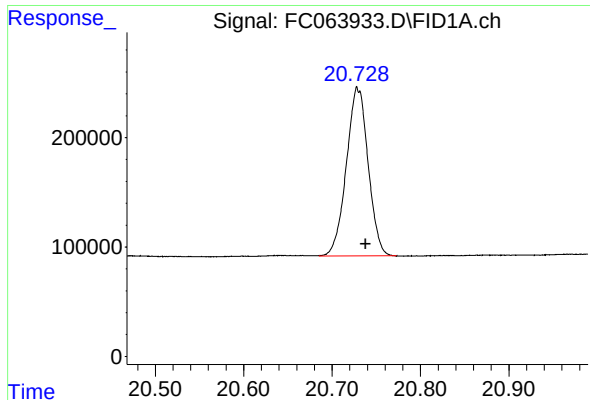
#19 n-Tetatriacontane (C34)

R.T.: 19.270 min
Delta R.T.: -0.006 min
Response: 2750921
Conc: 22.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: -0.006 min
Response: 2658153
Conc: 22.15 ug/ml m



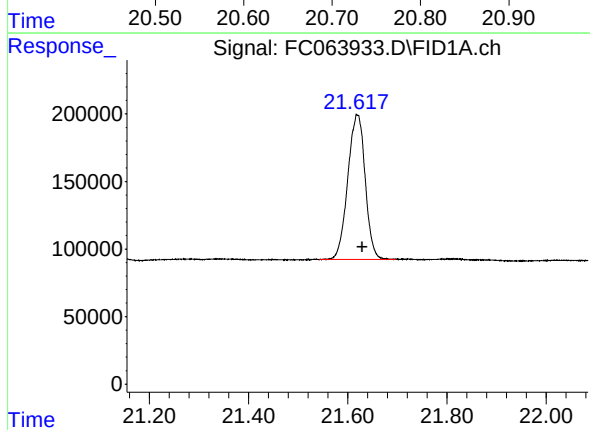
#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.010 min
Response: 2629465
Conc: 21.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



#22 n-Tetracontane (C40)

R.T.: 21.619 min
Delta R.T.: -0.010 min
Response: 2606514
Conc: 21.51 ug/ml