

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121523AL\
 Data File : FC065489.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2023 22:40
 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 12/18/2023
 Supervised By :Ankita Jodhani 12/18/2023

Integration File: autoint1.e
 Quant Time: Dec 16 02:38:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:28:29 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)	11.500	4155145	17.910 ug/ml
Spiked Amount 50.000		Recovery =	35.82%
12) S 1-chlorooctadecane (S...	12.932	3035228	18.330 ug/ml
Spiked Amount 50.000		Recovery =	36.66%
Target Compounds			
1) T n-Nonane (C9)	3.299	3471341	17.336 ug/ml
2) T n-Decane (C10)	4.358	3652172	18.171 ug/ml
3) T A~Naphthalene (C11.7)	5.940	3593421	17.699 ug/ml
4) T n-Dodecane (C12)	6.369	3692761	18.159 ug/ml
5) T A~2-methylnaphthalene...	6.995	3558087	18.306 ug/ml
6) T n-Tetradecane (C14)	8.158	3608873	18.159 ug/ml
7) T n-Hexadecane (C16)	9.752	3600939	18.178 ug/ml
8) T n-Octadecane (C18)	11.188	3617368	18.264 ug/ml
10) T n-Eicosane (C20)	12.490	3447739	18.219 ug/ml
11) T n-Heneicosane (C21)	13.099	3342245	18.088 ug/ml
13) T n-Docosane (C22)	13.682	3367176	18.664 ug/ml
14) T n-Tetracosane (C24)	14.779	3428374	19.774 ug/mlm
15) T n-Hexacosane (C26)	15.797	3410327	20.481 ug/ml
16) T n-Octacosane (C28)	16.741	3506220	21.922 ug/ml
17) T n-Tricontane (C30)	17.627	3725714	23.398 ug/ml
18) T n-Dotriacontane (C32)	18.455	3684697	23.439 ug/ml
19) T n-Tetratriacontane (C34)	19.234	3337523	21.627 ug/ml
20) T n-Hexatriacontane (C36)	19.970	3221923	21.019 ug/mlm
21) T n-Octatriacontane (C38)	20.690	2909217	19.132 ug/ml
22) T n-Tetracontane (C40)	21.565	2813810	18.770 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121523AL\
Data File : FC065489.D
Signal(s) : FID1A.ch
Acq On : 15 Dec 2023 22:40
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

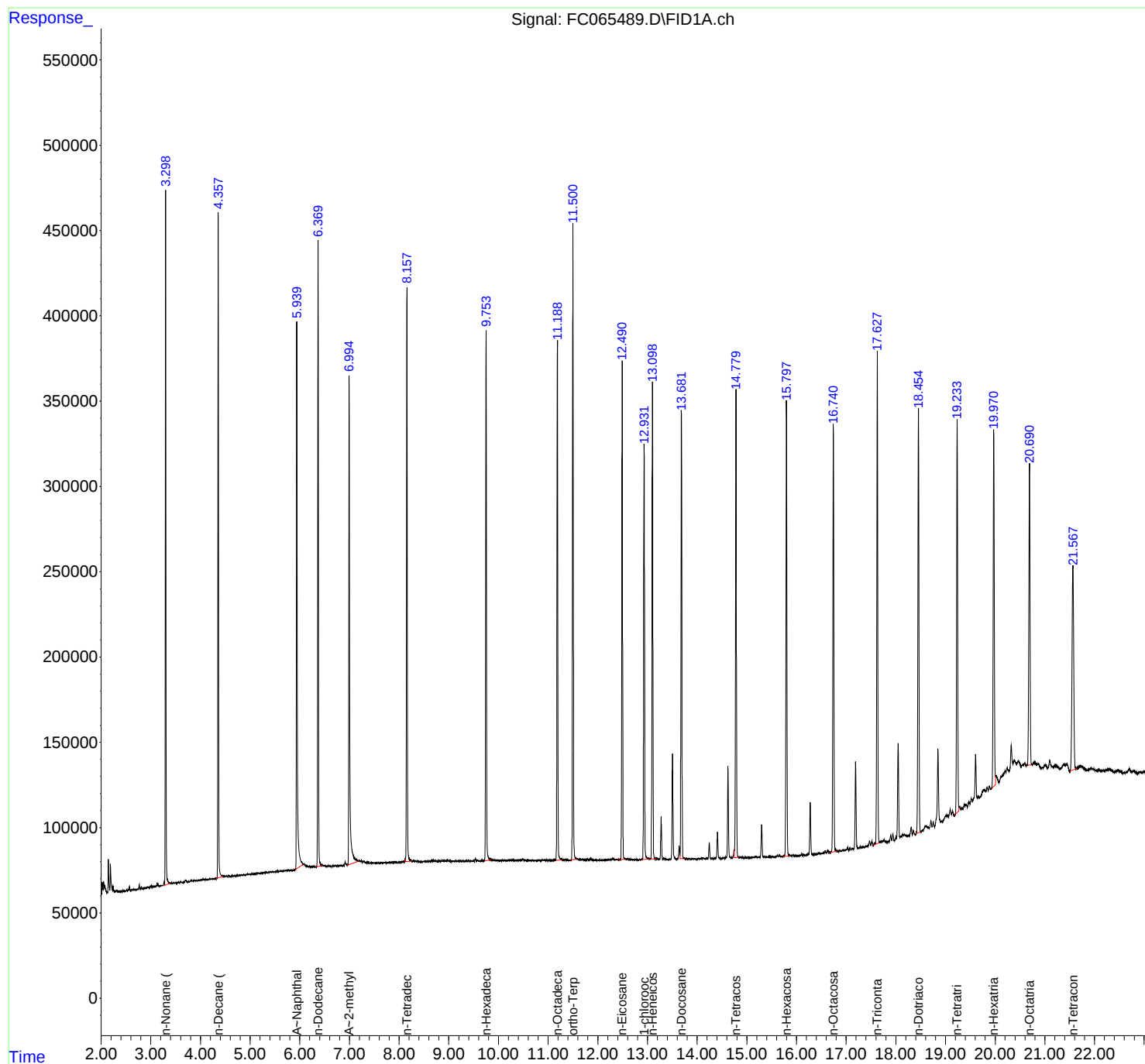
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

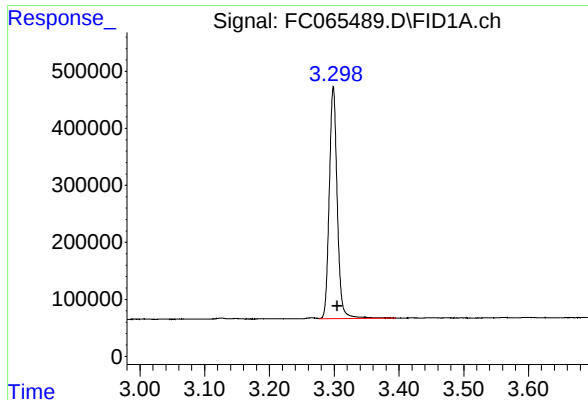
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023

Integration File: autoint1.e
Quant Time: Dec 16 02:38:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
Quant Title : GC Extractables
QLast Update : Fri Nov 24 13:28:29 2023
Response via : Initial Calibration
Integrator: ChemStation

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





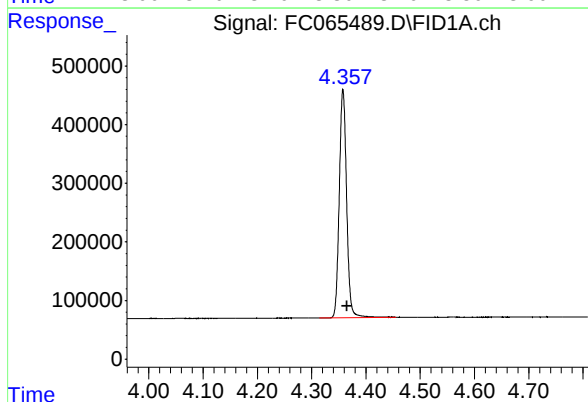
#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: -0.006 min
Response: 3471341
Conc: 17.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

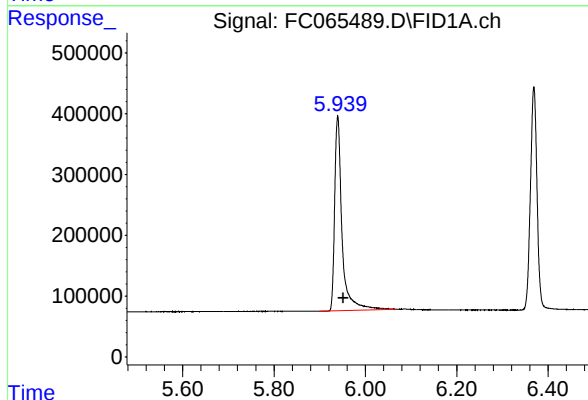
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



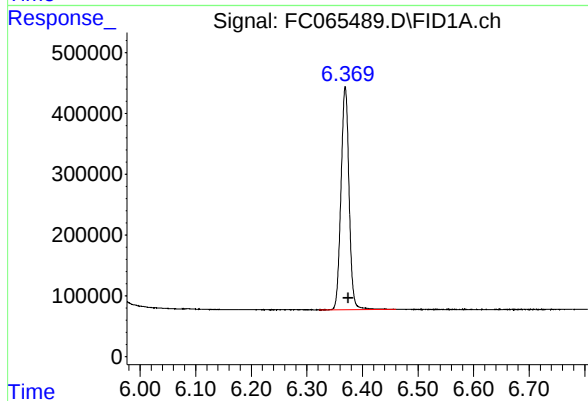
#2 n-Decane (C10)

R.T.: 4.358 min
Delta R.T.: -0.007 min
Response: 3652172
Conc: 18.17 ug/ml



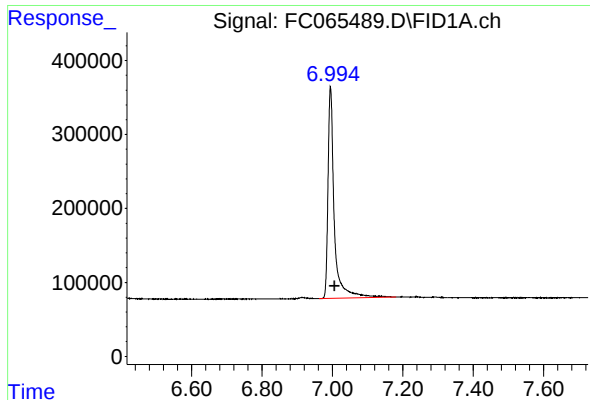
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.012 min
Response: 3593421
Conc: 17.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.369 min
Delta R.T.: -0.005 min
Response: 3692761
Conc: 18.16 ug/ml



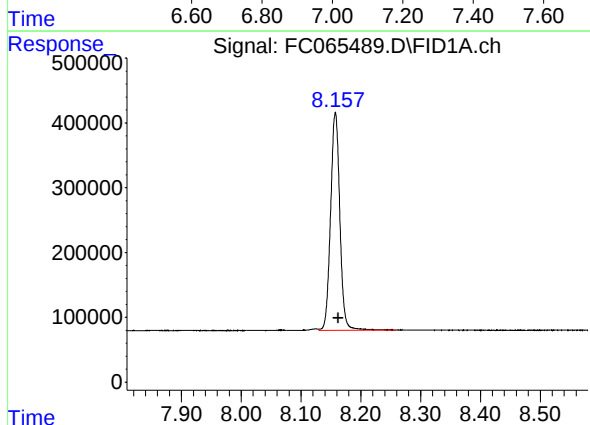
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.995 min
Delta R.T.: -0.012 min
Response: 3558087
Conc: 18.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

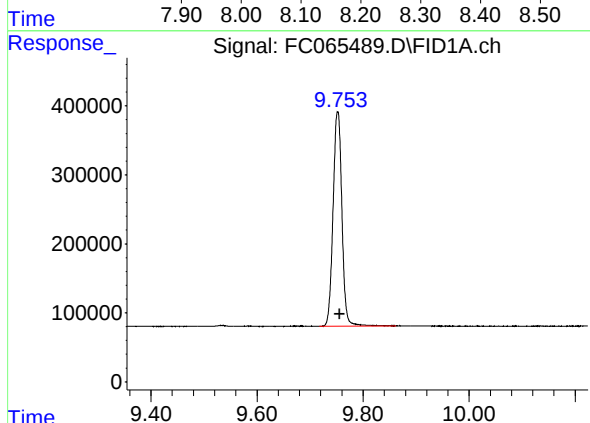
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



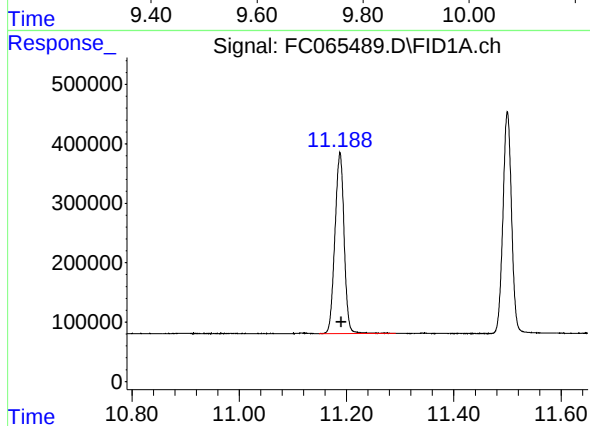
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: -0.005 min
Response: 3608873
Conc: 18.16 ug/ml



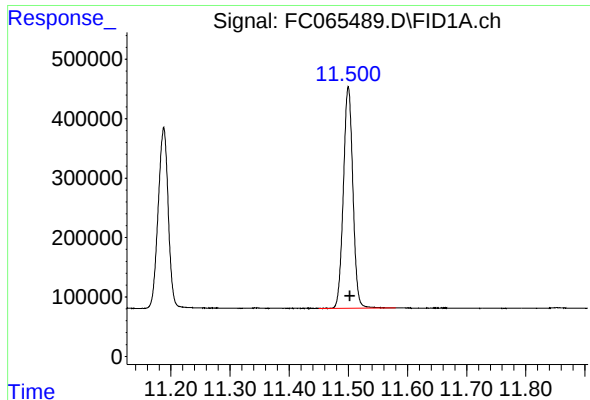
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: -0.004 min
Response: 3600939
Conc: 18.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: -0.002 min
Response: 3617368
Conc: 18.26 ug/ml



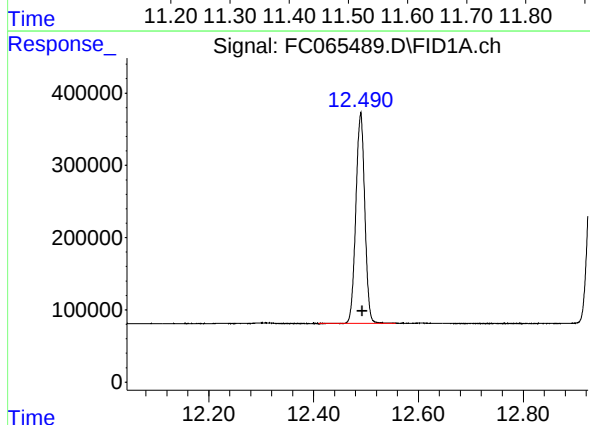
#9 ortho-Terphenyl (SURR)

R.T.: 11.500 min
Delta R.T.: -0.003 min
Response: 4155145
Conc: 17.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

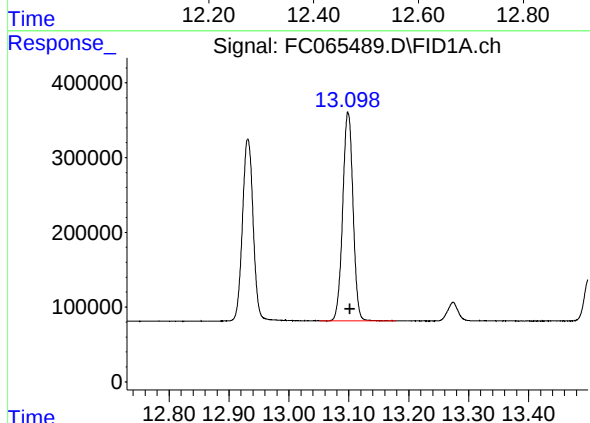
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



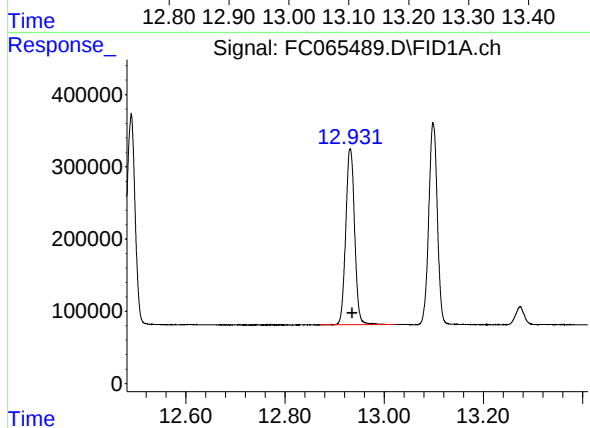
#10 n-Eicosane (C20)

R.T.: 12.490 min
Delta R.T.: -0.003 min
Response: 3447739
Conc: 18.22 ug/ml



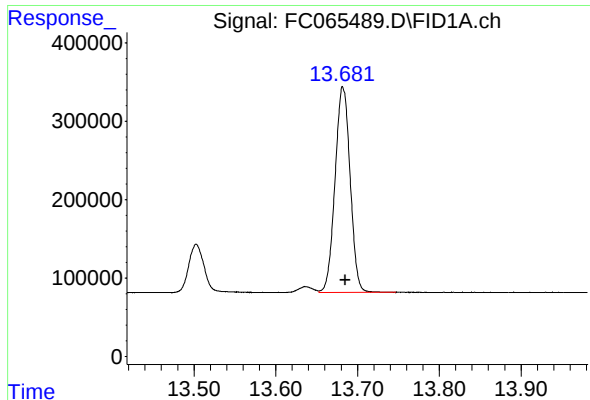
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.003 min
Response: 3342245
Conc: 18.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.932 min
Delta R.T.: -0.005 min
Response: 3035228
Conc: 18.33 ug/ml



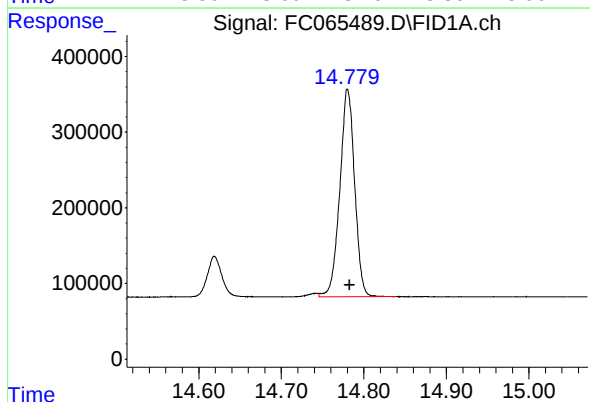
#13 n-Docosane (C22)

R.T.: 13.682 min
Delta R.T.: -0.003 min
Response: 3367176
Conc: 18.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

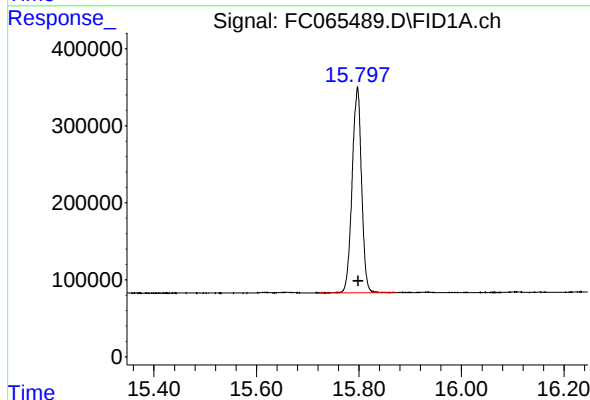
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



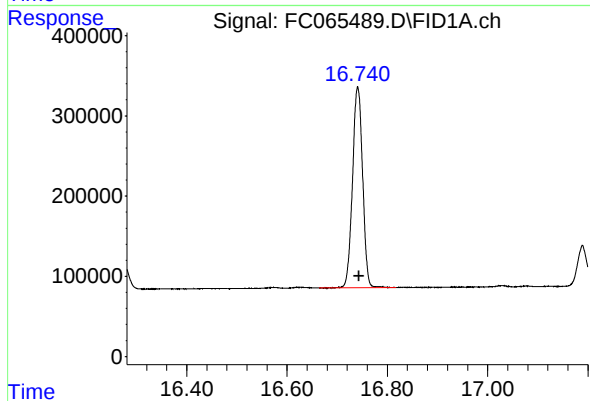
#14 n-Tetracosane (C24)

R.T.: 14.779 min
Delta R.T.: -0.003 min
Response: 3428374
Conc: 19.77 ug/ml m



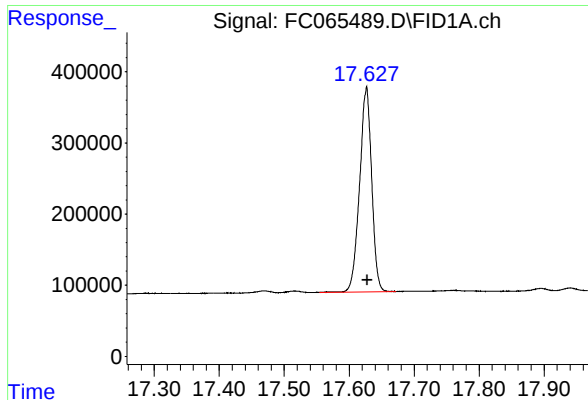
#15 n-Hexacosane (C26)

R.T.: 15.797 min
Delta R.T.: -0.002 min
Response: 3410327
Conc: 20.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.741 min
Delta R.T.: -0.003 min
Response: 3506220
Conc: 21.92 ug/ml



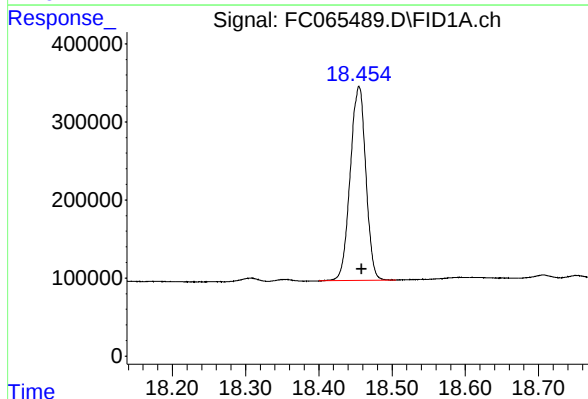
#17 n-Tricontane (C30)

R.T.: 17.627 min
Delta R.T.: -0.001 min
Response: 3725714
Conc: 23.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

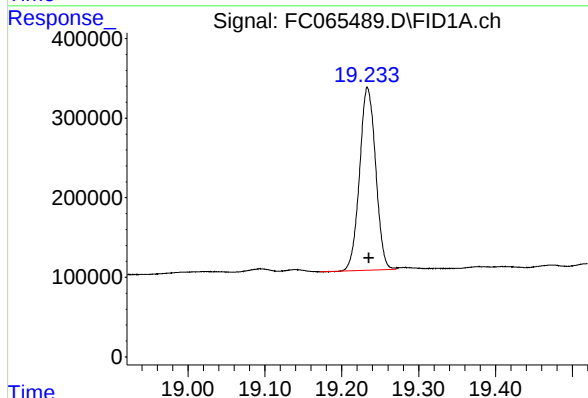
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



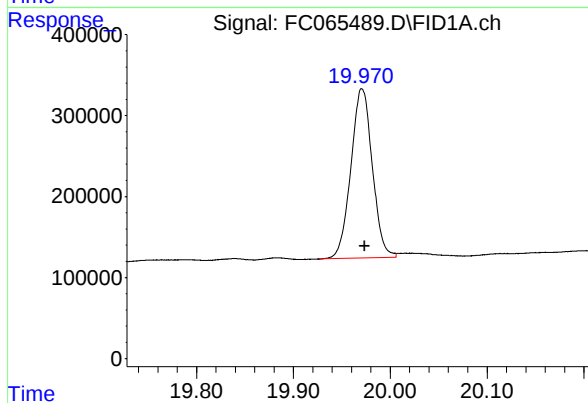
#18 n-Dotriacontane (C32)

R.T.: 18.455 min
Delta R.T.: -0.003 min
Response: 3684697
Conc: 23.44 ug/ml



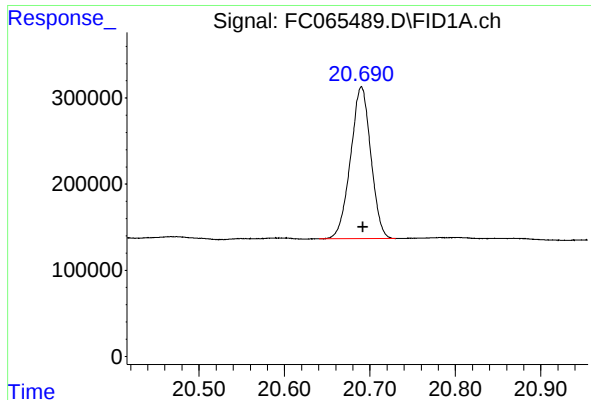
#19 n-Tetatriacontane (C34)

R.T.: 19.234 min
Delta R.T.: -0.002 min
Response: 3337523
Conc: 21.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.970 min
Delta R.T.: -0.004 min
Response: 3221923
Conc: 21.02 ug/ml m



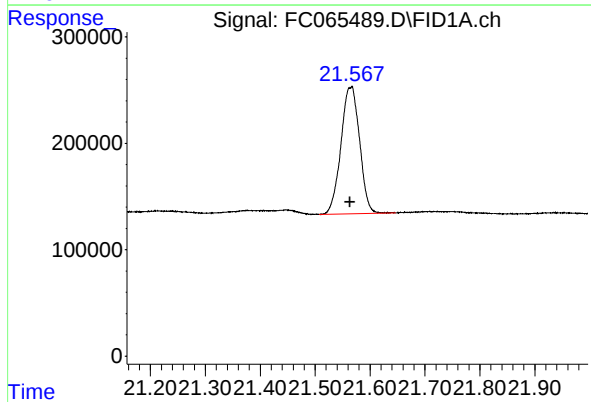
#21 n-Octatriacontane (C38)

R.T.: 20.690 min
Delta R.T.: -0.002 min
Response: 2909217
Conc: 19.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



#22 n-Tetracontane (C40)

R.T.: 21.565 min
Delta R.T.: 0.001 min
Response: 2813810
Conc: 18.77 ug/ml