

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060724AL\
 Data File : FC066563.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jun 2024 23:25
 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 06/10/2024
 Supervised By :Ankita Jodhani 06/10/2024

Integration File: autoint1.e
 Quant Time: Jun 08 02:09:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 2024
 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)	11.551	2996937	19.717 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
12) S 1-chlorooctadecane (S...	12.990	2279977	19.953 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
Target Compounds			
1) T n-Nonane (C9)	3.310	2687103	19.200 ug/ml
2) T n-Decane (C10)	4.377	2785211	19.357 ug/ml
3) T A~Naphthalene (C11.7)	5.960	3030187	19.016 ug/ml
4) T n-Dodecane (C12)	6.397	2776615	19.283 ug/ml
5) T A~2-methylnaphthalene...	7.017	2912736	18.992 ug/ml
6) T n-Tetradecane (C14)	8.194	2730290	19.340 ug/ml
7) T n-Hexadecane (C16)	9.795	2821601	19.633 ug/ml
8) T n-Octadecane (C18)	11.237	2836508	19.821 ug/ml
10) T n-Eicosane (C20)	12.546	2731274	20.073 ug/ml
11) T n-Heneicosane (C21)	13.158	2673241	20.054 ug/ml
13) T n-Docosane (C22)	13.745	2675752	20.302 ug/ml
14) T n-Tetracosane (C24)	14.847	2688454	20.652 ug/ml
15) T n-Hexacosane (C26)	15.868	2631365	20.690 ug/ml
16) T n-Octacosane (C28)	16.817	2632431	21.204 ug/ml
17) T n-Tricontane (C30)	17.704	2745926	21.788 ug/ml
18) T n-Dotriacontane (C32)	18.535	2711097	22.027 ug/mlm
19) T n-Tetratriacontane (C34)	19.321	2521456	21.025 ug/mlm
20) T n-Hexatriacontane (C36)	20.061	2342279	19.333 ug/ml
21) T n-Octatriacontane (C38)	20.794	2251786	19.465 ug/ml
22) T n-Tetracontane (C40)	21.701	2195423	17.923 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060724AL\
Data File : FC066563.D
Signal(s) : FID1A.ch
Acq On : 07 Jun 2024 23:25
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

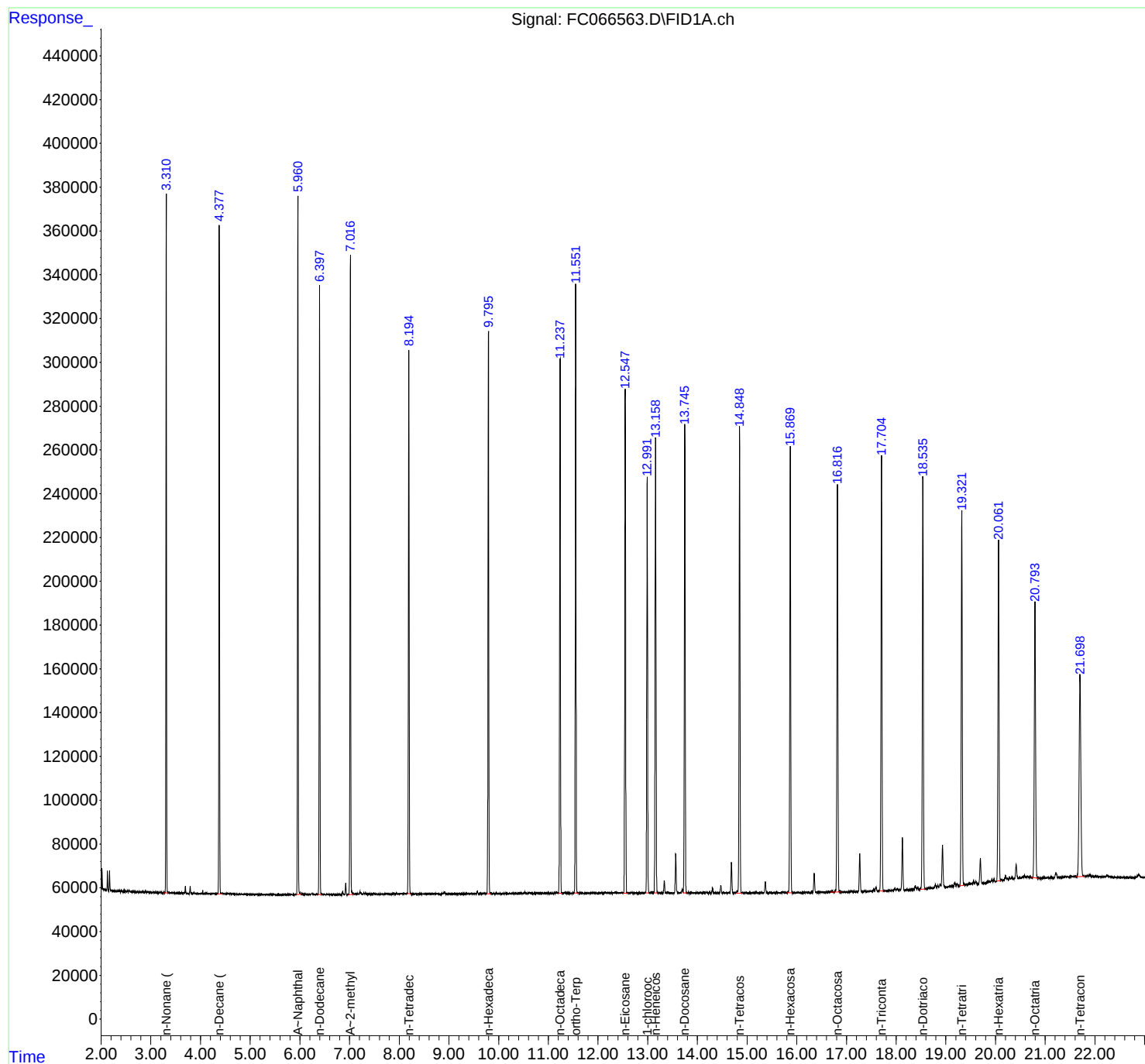
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

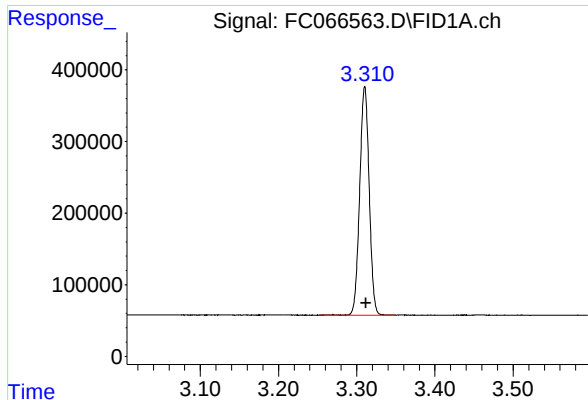
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :Ankita Jodhani 06/10/2024

Integration File: autoint1.e
Quant Time: Jun 08 02:09:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
Quant Title : GC Extractables
QLast Update : Tue May 28 12:26:07 2024
Response via : Initial Calibration
Integrator: ChemStation

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





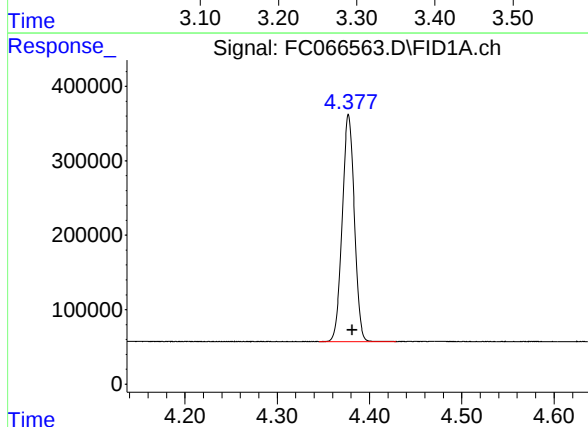
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.002 min
Response: 2687103
Conc: 19.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

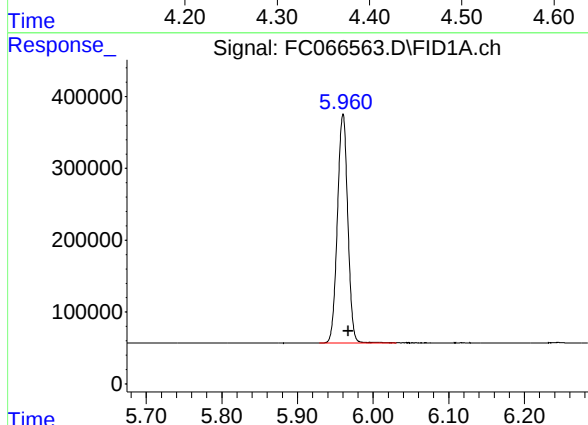
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :Ankita Jodhani 06/10/2024



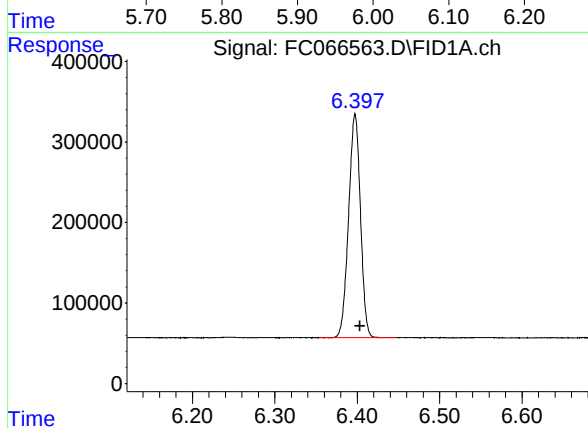
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: -0.004 min
Response: 2785211
Conc: 19.36 ug/ml



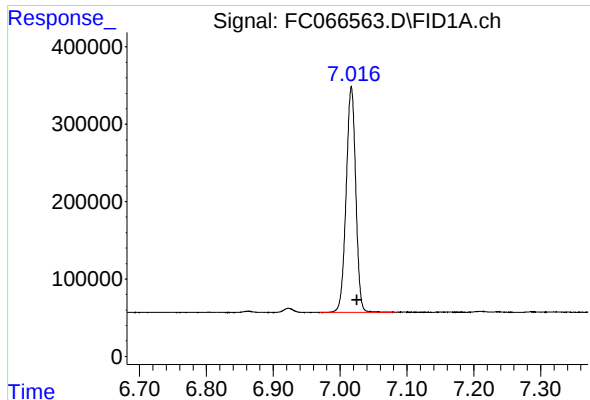
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 3030187
Conc: 19.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.397 min
Delta R.T.: -0.006 min
Response: 2776615
Conc: 19.28 ug/ml



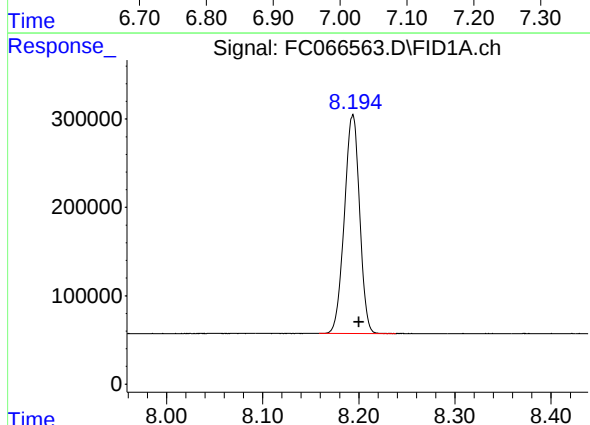
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.008 min
Response: 2912736
Conc: 18.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

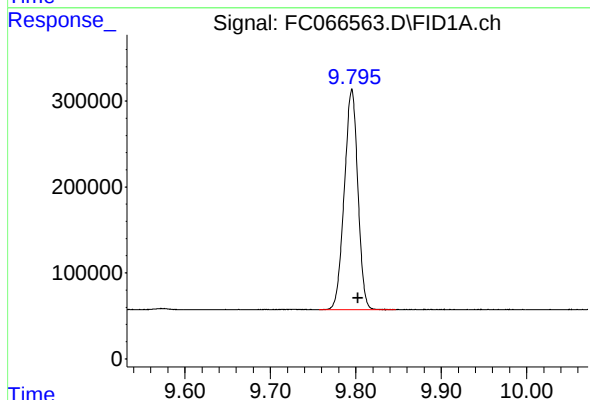
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :Ankita Jodhani 06/10/2024



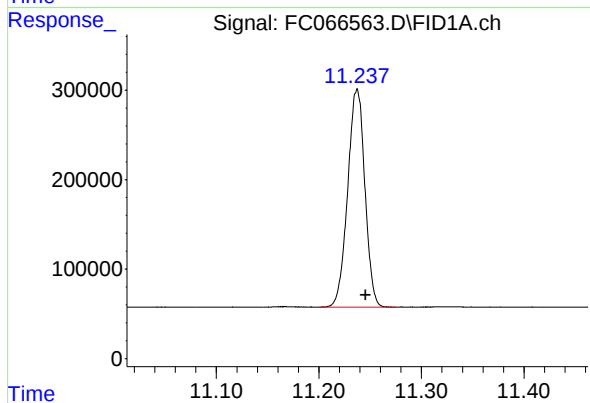
#6 n-Tetradecane (C14)

R.T.: 8.194 min
Delta R.T.: -0.007 min
Response: 2730290
Conc: 19.34 ug/ml



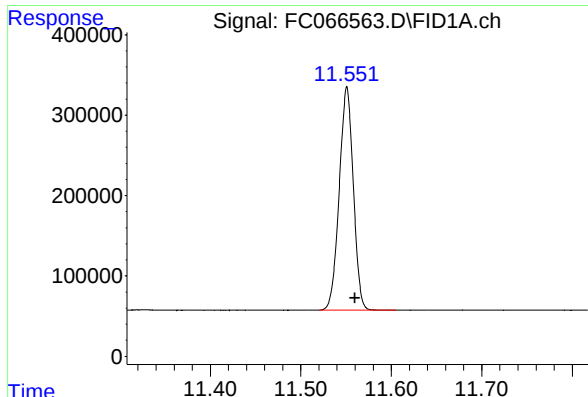
#7 n-Hexadecane (C16)

R.T.: 9.795 min
Delta R.T.: -0.007 min
Response: 2821601
Conc: 19.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.237 min
Delta R.T.: -0.009 min
Response: 2836508
Conc: 19.82 ug/ml



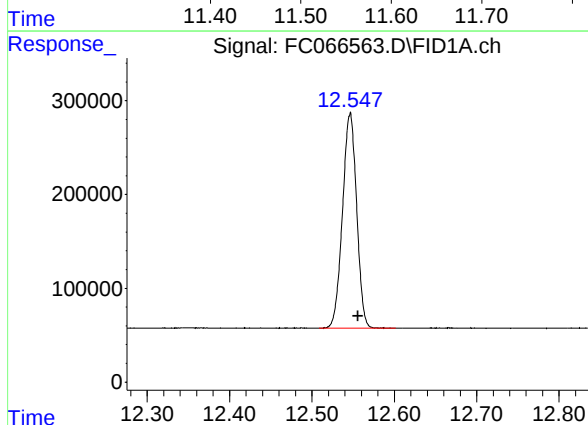
#9 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: -0.009 min
Response: 2996937
Conc: 19.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

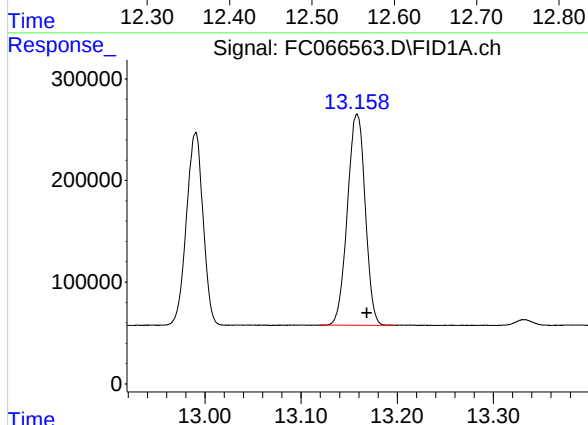
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :Ankita Jodhani 06/10/2024



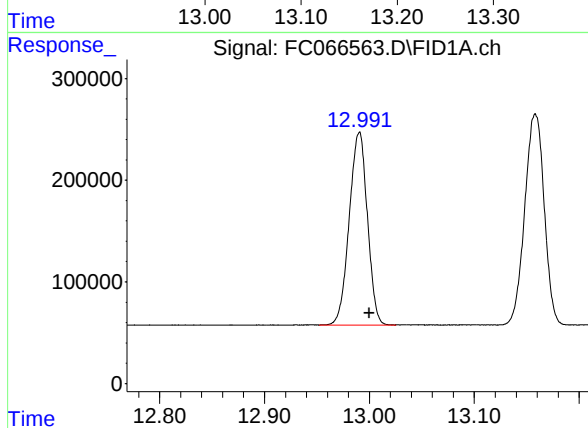
#10 n-Eicosane (C20)

R.T.: 12.546 min
Delta R.T.: -0.010 min
Response: 2731274
Conc: 20.07 ug/ml



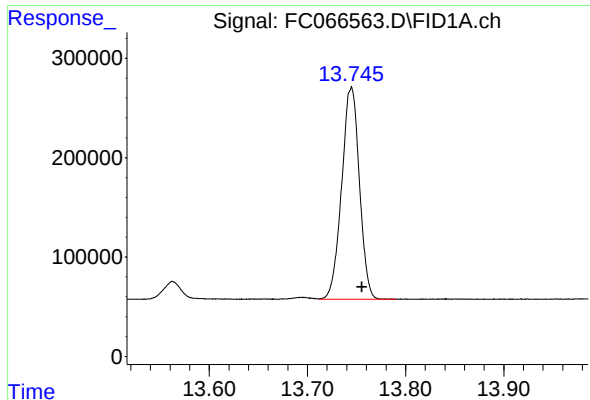
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: -0.010 min
Response: 2673241
Conc: 20.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.990 min
Delta R.T.: -0.010 min
Response: 2279977
Conc: 19.95 ug/ml



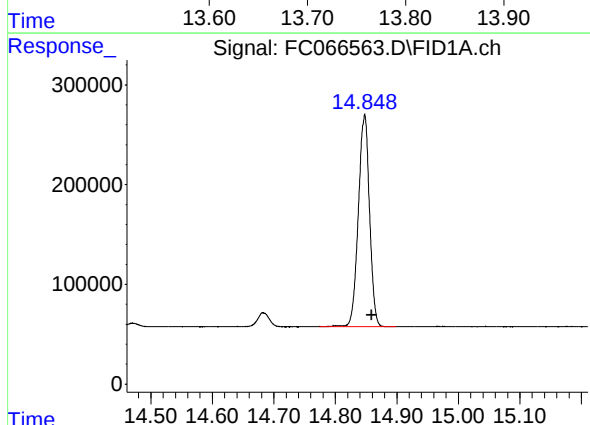
#13 n-Docosane (C22)

R.T.: 13.745 min
Delta R.T.: -0.011 min
Response: 2675752
Conc: 20.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

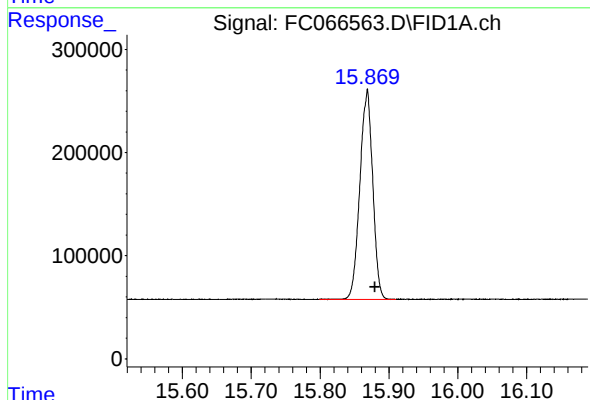
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :Ankita Jodhani 06/10/2024



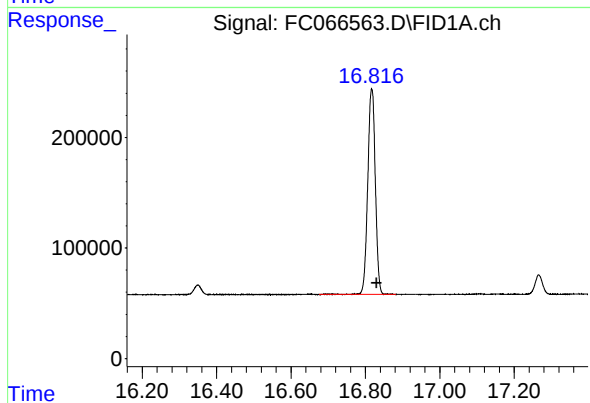
#14 n-Tetracosane (C24)

R.T.: 14.847 min
Delta R.T.: -0.011 min
Response: 2688454
Conc: 20.65 ug/ml



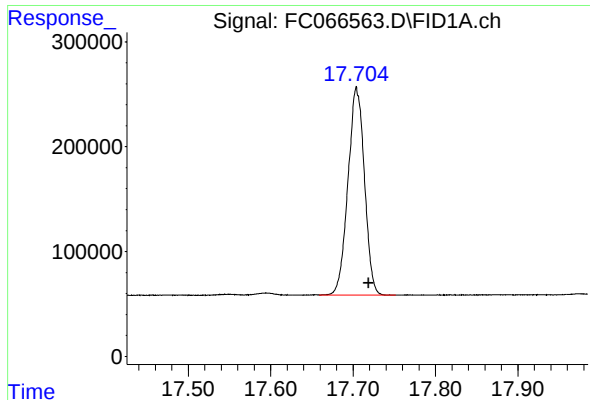
#15 n-Hexacosane (C26)

R.T.: 15.868 min
Delta R.T.: -0.012 min
Response: 2631365
Conc: 20.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.817 min
Delta R.T.: -0.013 min
Response: 2632431
Conc: 21.20 ug/ml



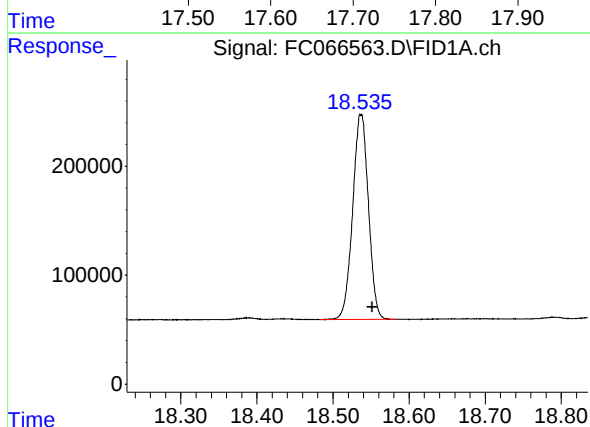
#17 n-Tricontane (C30)

R.T.: 17.704 min
Delta R.T.: -0.014 min
Response: 2745926
Conc: 21.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

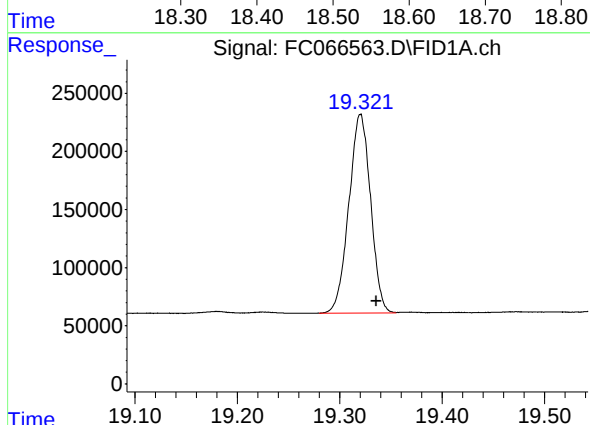
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :Ankita Jodhani 06/10/2024



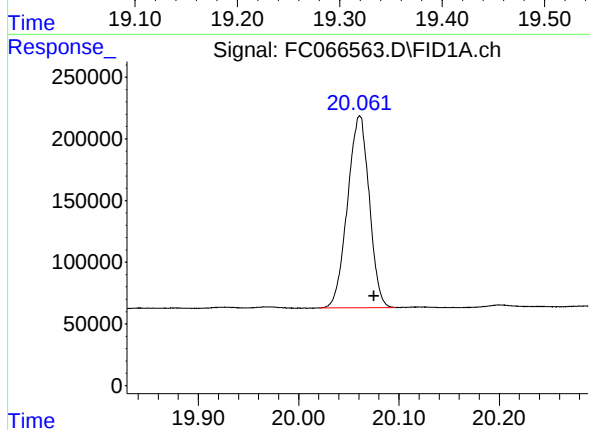
#18 n-Dotriacontane (C32)

R.T.: 18.535 min
Delta R.T.: -0.017 min
Response: 2711097
Conc: 22.03 ug/ml m



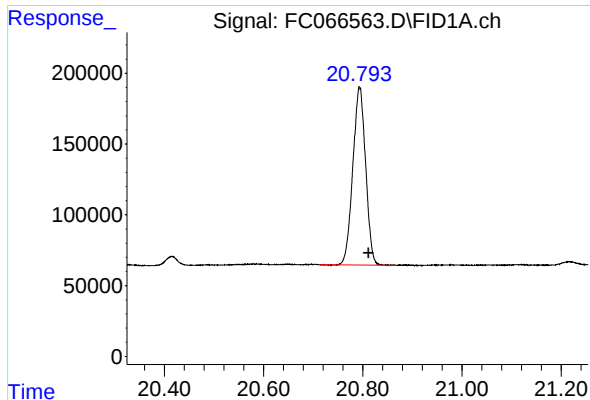
#19 n-Tetratriacontane (C34)

R.T.: 19.321 min
Delta R.T.: -0.015 min
Response: 2521456
Conc: 21.03 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.061 min
Delta R.T.: -0.015 min
Response: 2342279
Conc: 19.33 ug/ml



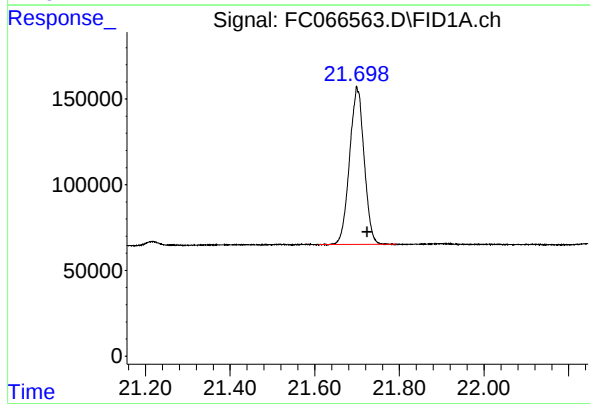
#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: -0.018 min
Response: 2251786
Conc: 19.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :Ankita Jodhani 06/10/2024



#22 n-Tetracontane (C40)

R.T.: 21.701 min
Delta R.T.: -0.024 min
Response: 2195423
Conc: 17.92 ug/ml