

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060524AL\
 Data File : FC066542.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2024 19:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

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

Integration File: autoint1.e
 Quant Time: Jun 06 04:44:57 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)	11.553	3079291	20.259 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
12) S 1-chlorooctadecane (S...	12.992	2335045	20.435 ug/ml
Spiked Amount 50.000		Recovery =	40.87%
Target Compounds			
1) T n-Nonane (C9)	3.309	2761781	19.733 ug/ml
2) T n-Decane (C10)	4.378	2875985	19.988 ug/ml
3) T A~Naphthalene (C11.7)	5.962	3178801	19.948 ug/ml
4) T n-Dodecane (C12)	6.399	2895840	20.111 ug/ml
5) T A~2-methylnaphthalene...	7.020	3075363	20.053 ug/ml
6) T n-Tetradecane (C14)	8.195	2849924	20.187 ug/ml
7) T n-Hexadecane (C16)	9.797	2922460	20.335 ug/ml
8) T n-Octadecane (C18)	11.239	2917713	20.388 ug/ml
10) T n-Eicosane (C20)	12.549	2781146	20.440 ug/ml
11) T n-Heneicosane (C21)	13.161	2725786	20.448 ug/ml
13) T n-Docosane (C22)	13.746	2712012	20.577 ug/ml
14) T n-Tetracosane (C24)	14.849	2700924	20.748 ug/ml
15) T n-Hexacosane (C26)	15.870	2650775	20.843 ug/ml
16) T n-Octacosane (C28)	16.819	2650847	21.352 ug/ml
17) T n-Tricontane (C30)	17.707	2772243	21.997 ug/ml
18) T n-Dotriacontane (C32)	18.539	2778481	22.575 ug/mlm
19) T n-Tetratriacontane (C34)	19.322	2643595	22.044 ug/mlm
20) T n-Hexatriacontane (C36)	20.064	2483209	20.496 ug/ml
21) T n-Octatriacontane (C38)	20.797	2411229	20.844 ug/ml
22) T n-Tetracontane (C40)	21.707	2350459	19.188 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060524AL\
Data File : FC066542.D
Signal(s) : FID1A.ch
Acq On : 05 Jun 2024 19:40
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 100 Sample Multiplier: 1

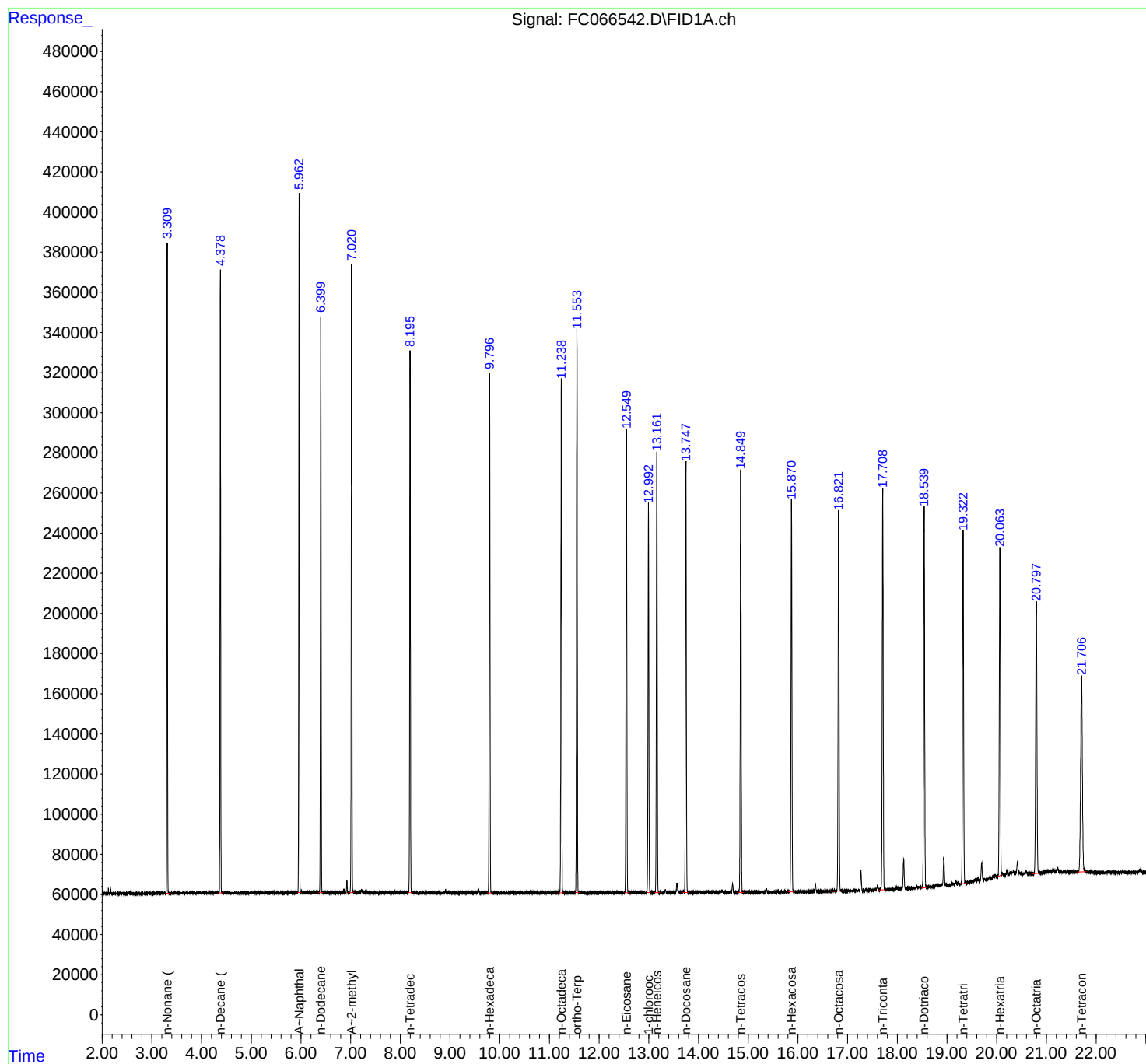
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

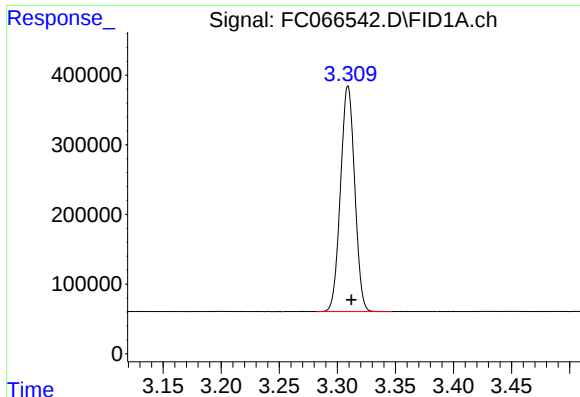
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Jun 06 04:44:57 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)

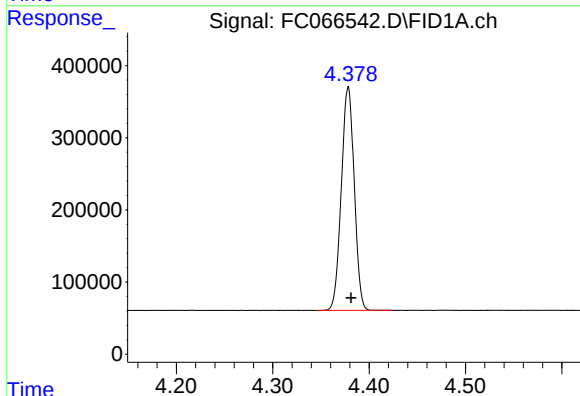
R.T.: 3.309 min
Delta R.T.: -0.003 min
Response: 2761781
Conc: 19.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

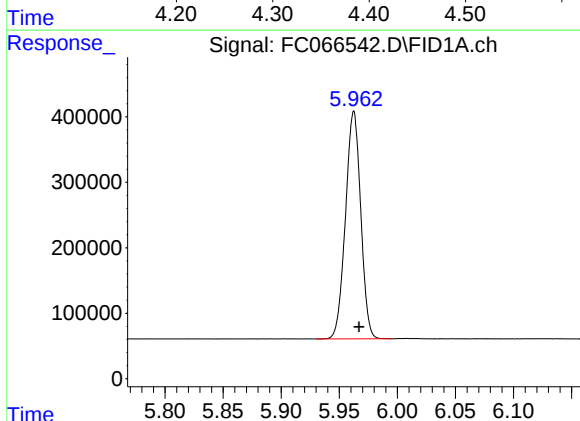
Reviewed By :Yogesh
Patel
06/06/2024

Supervised By :Ankita
Jodhani
06/06/2024



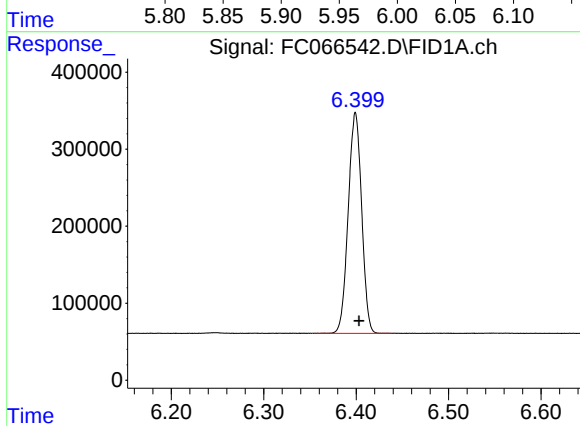
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.003 min
Response: 2875985
Conc: 19.99 ug/ml



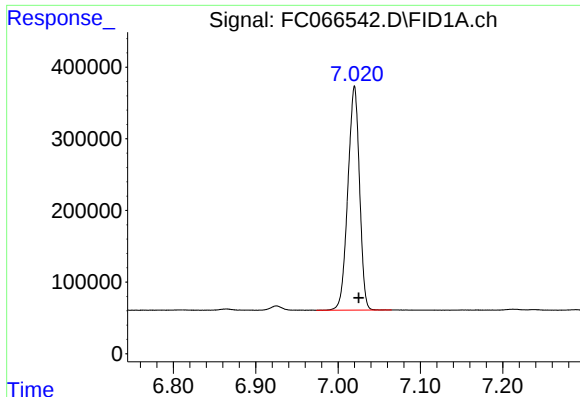
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 3178801
Conc: 19.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.399 min
Delta R.T.: -0.004 min
Response: 2895840
Conc: 20.11 ug/ml



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

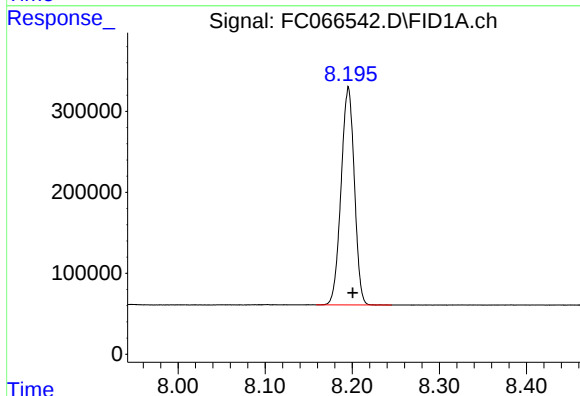
R.T.: 7.020 min
Delta R.T.: -0.005 min
Response: 3075363
Conc: 20.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

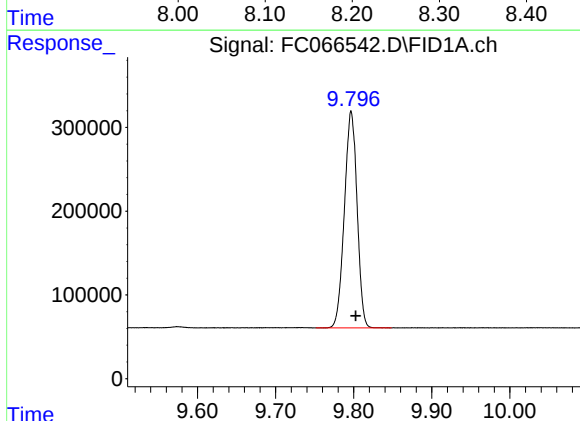
Reviewed By :Yogesh
Patel
06/06/2024

Supervised By :Ankita
Jodhani
06/06/2024



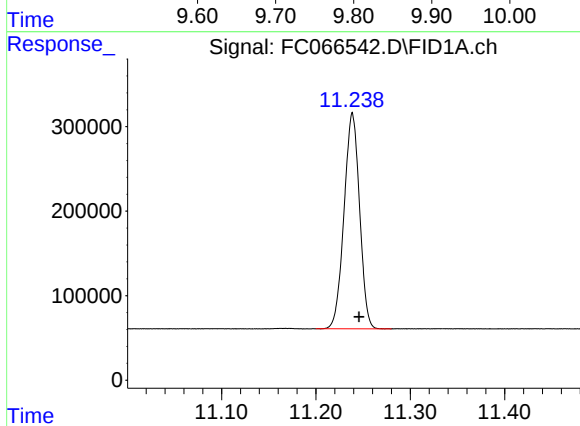
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: -0.005 min
Response: 2849924
Conc: 20.19 ug/ml



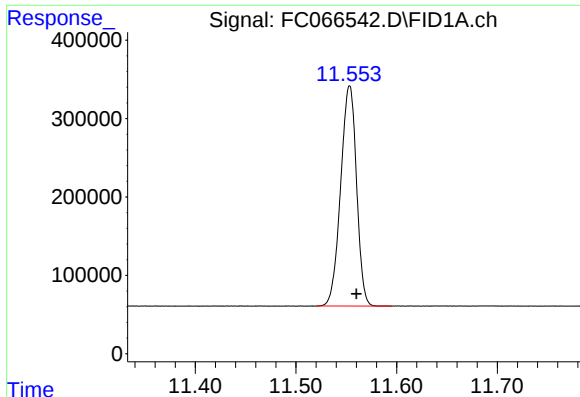
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.006 min
Response: 2922460
Conc: 20.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.239 min
Delta R.T.: -0.007 min
Response: 2917713
Conc: 20.39 ug/ml



#9 ortho-Terphenyl (SURR)

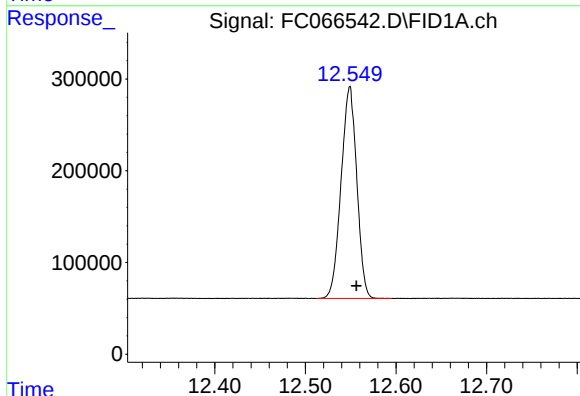
R.T.: 11.553 min
Delta R.T.: -0.007 min
Response: 3079291
Conc: 20.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

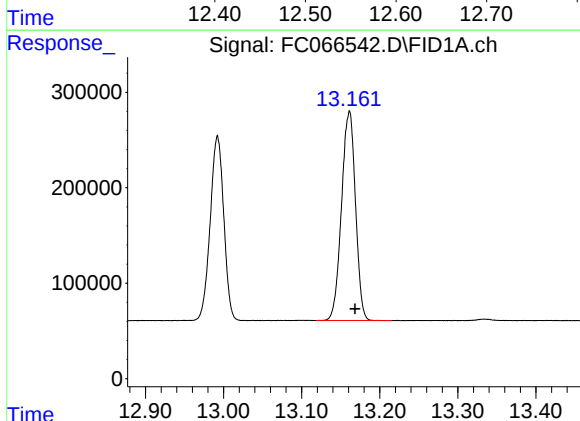
Reviewed By :Yogesh
Patel
06/06/2024

Supervised By :Ankita
Jodhani
06/06/2024



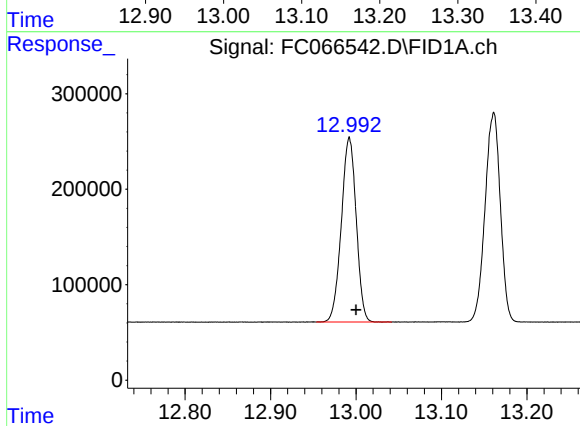
#10 n-Eicosane (C20)

R.T.: 12.549 min
Delta R.T.: -0.007 min
Response: 2781146
Conc: 20.44 ug/ml



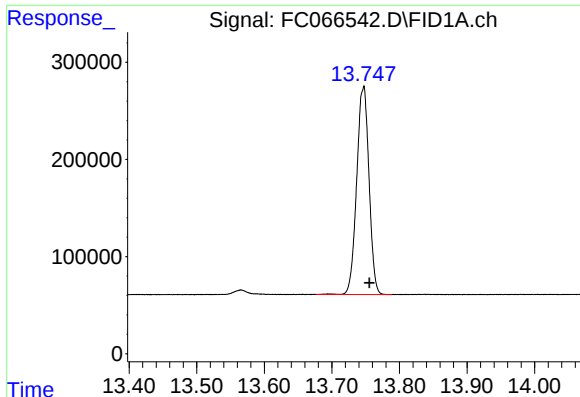
#11 n-Heneicosane (C21)

R.T.: 13.161 min
Delta R.T.: -0.008 min
Response: 2725786
Conc: 20.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.992 min
Delta R.T.: -0.008 min
Response: 2335045
Conc: 20.43 ug/ml



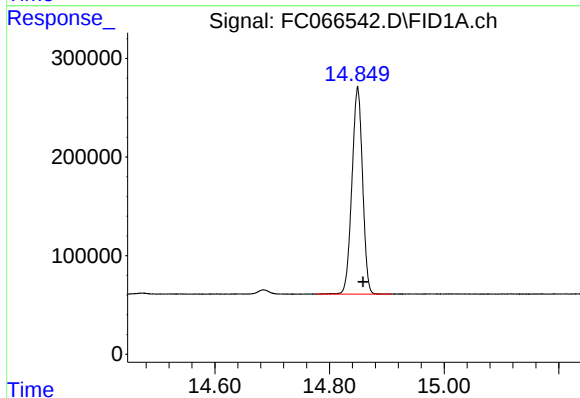
#13 n-Docosane (C22)

R.T.: 13.746 min
Delta R.T.: -0.009 min
Response: 2712012
Conc: 20.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

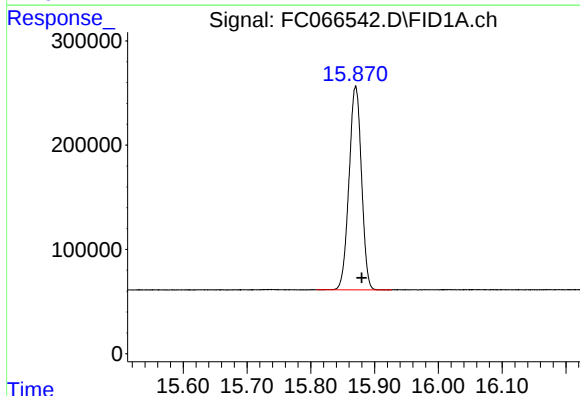


#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: -0.010 min
Response: 2700924
Conc: 20.75 ug/ml

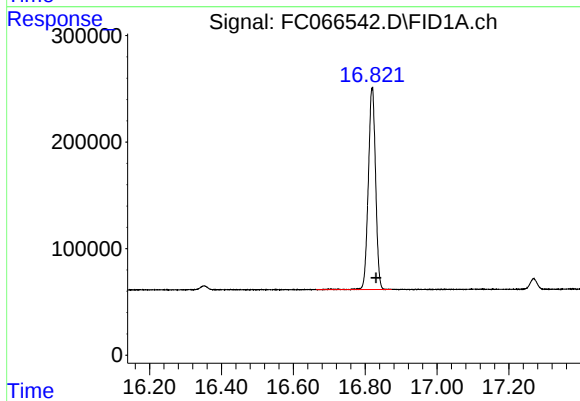
06/06/2024
Supervised By :Ankita
Jodhani

06/06/2024



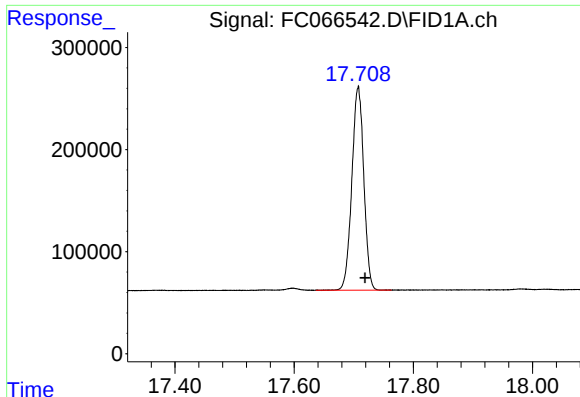
#15 n-Hexacosane (C26)

R.T.: 15.870 min
Delta R.T.: -0.010 min
Response: 2650775
Conc: 20.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.819 min
Delta R.T.: -0.011 min
Response: 2650847
Conc: 21.35 ug/ml



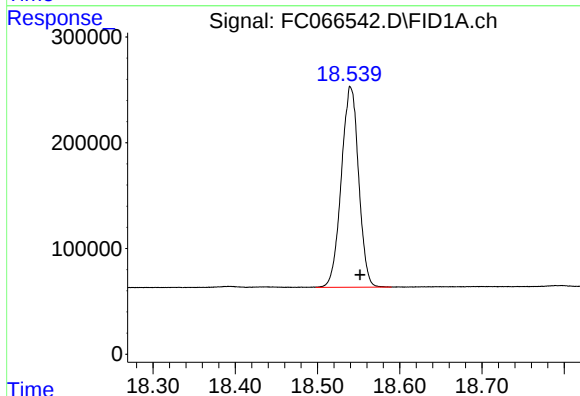
#17 n-Tricontane (C30)

R.T.: 17.707 min
Delta R.T.: -0.011 min
Response: 2772243
Conc: 22.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

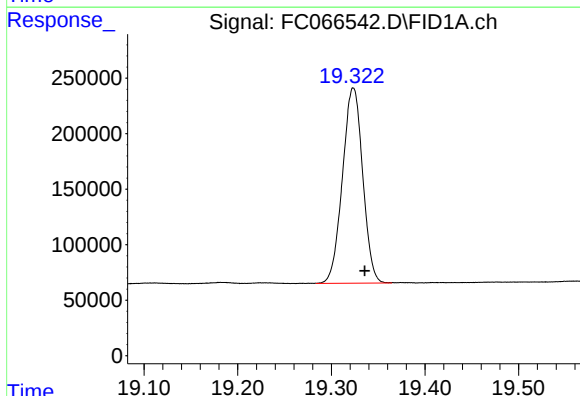


#18 n-Dotriacontane (C32)

R.T.: 18.539 min
Delta R.T.: -0.013 min
Response: 2778481
Conc: 22.57 ug/ml m

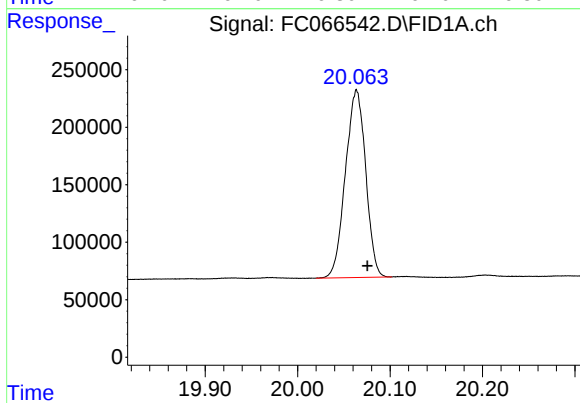
06/06/2024
Supervised By :Ankita
Jodhani

06/06/2024



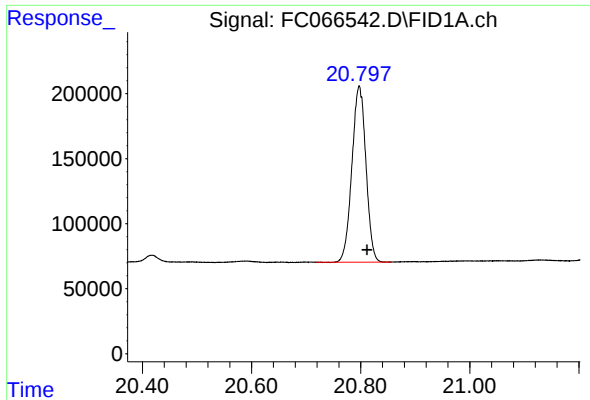
#19 n-Tetratriacontane (C34)

R.T.: 19.322 min
Delta R.T.: -0.013 min
Response: 2643595
Conc: 22.04 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.064 min
Delta R.T.: -0.012 min
Response: 2483209
Conc: 20.50 ug/ml



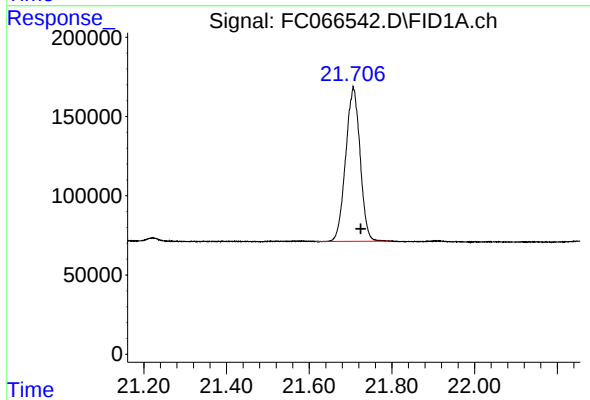
#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.014 min
Response: 2411229
Conc: 20.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: -0.018 min
Response: 2350459
Conc: 19.19 ug/ml

06/06/2024
Supervised By :Ankita
Jodhani

06/06/2024