

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100824AL\
 Data File : FC067396.D
 Signal(s) : FID1A.ch
 Acq On : 08 Oct 2024 20:49
 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 10/09/2024
 Supervised By :Ankita Jodhani 10/09/2024

Integration File: autoint1.e
 Quant Time: Oct 09 02:12:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.502	2680663	17.617 ug/ml
Spiked Amount 50.000		Recovery =	35.23%
12) S 1-chlorooctadecane (S...	12.940	2021972	17.863 ug/ml
Spiked Amount 50.000		Recovery =	35.73%
Target Compounds			
1) T n-Nonane (C9)	3.276	2364576	18.654 ug/ml
2) T n-Decane (C10)	4.342	2447484	19.040 ug/ml
3) T A~Naphthalene (C11.7)	5.921	2675559	18.861 ug/ml
4) T n-Dodecane (C12)	6.358	2456278	18.929 ug/ml
5) T A~2-methylnaphthalene...	6.976	2580825	18.812 ug/ml
6) T n-Tetradecane (C14)	8.151	2417040	18.766 ug/ml
7) T n-Hexadecane (C16)	9.750	2465351	18.520 ug/ml
8) T n-Octadecane (C18)	11.191	2467993	18.200 ug/ml
10) T n-Eicosane (C20)	12.498	2359018	18.067 ug/ml
11) T n-Heneicosane (C21)	13.108	2305858	17.978 ug/ml
13) T n-Docosane (C22)	13.695	2292277	17.952 ug/ml
14) T n-Tetracosane (C24)	14.795	2289941	17.905 ug/ml
15) T n-Hexacosane (C26)	15.816	2266007	17.972 ug/ml
16) T n-Octacosane (C28)	16.763	2326751	18.521 ug/mlm
17) T n-Tricontane (C30)	17.651	2582510	20.047 ug/ml
18) T n-Dotriacontane (C32)	18.483	2679415	21.448 ug/ml
19) T n-Tetratriacontane (C34)	19.266	2296944	21.019 ug/ml
20) T n-Hexatriacontane (C36)	20.004	1948351	20.614 ug/ml
21) T n-Octatriacontane (C38)	20.728	1766191	20.139 ug/ml
22) T n-Tetracontane (C40)	21.617	2031271	23.606 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100824AL\
Data File : FC067396.D
Signal(s) : FID1A.ch
Acq On : 08 Oct 2024 20:49
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

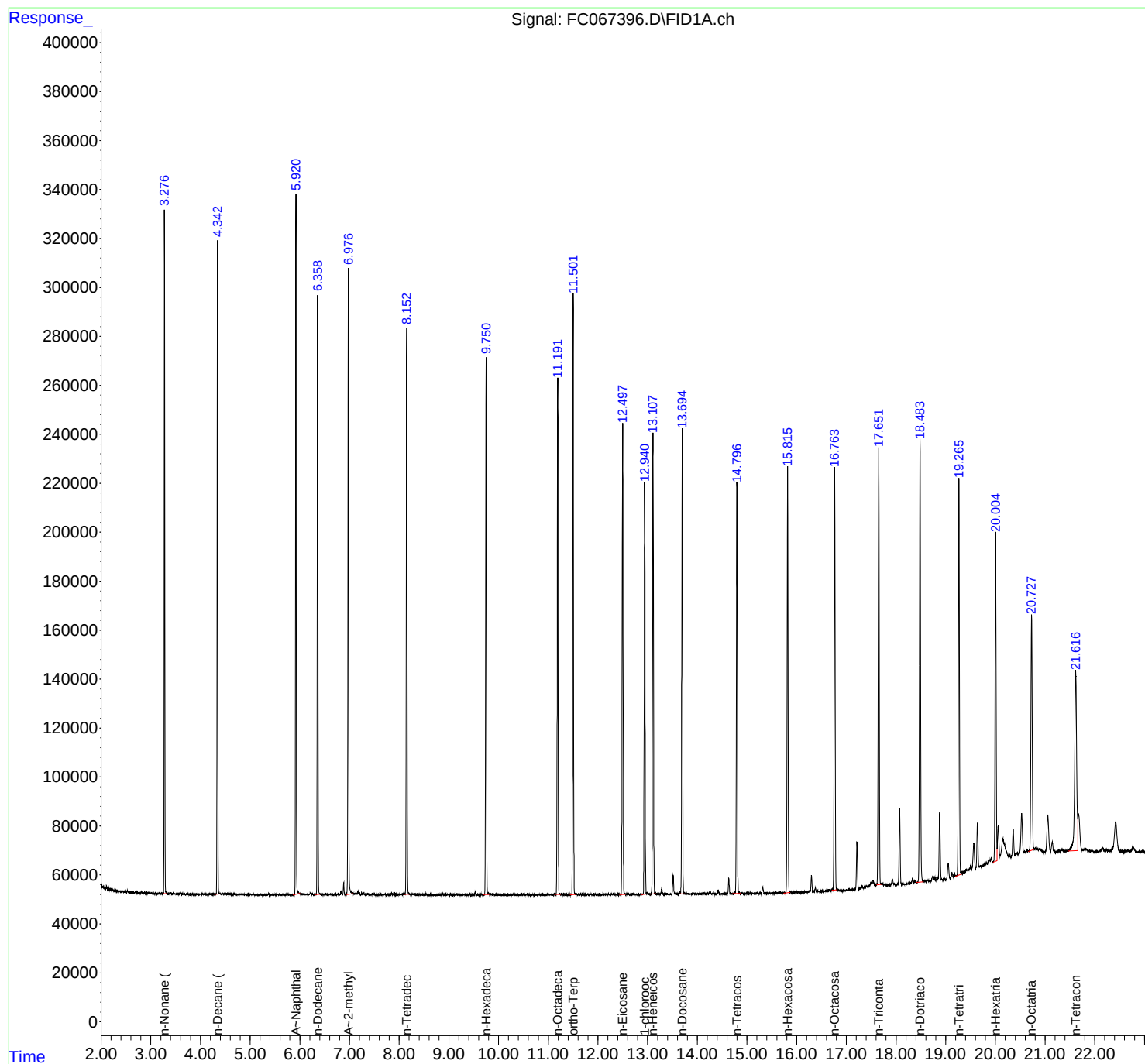
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

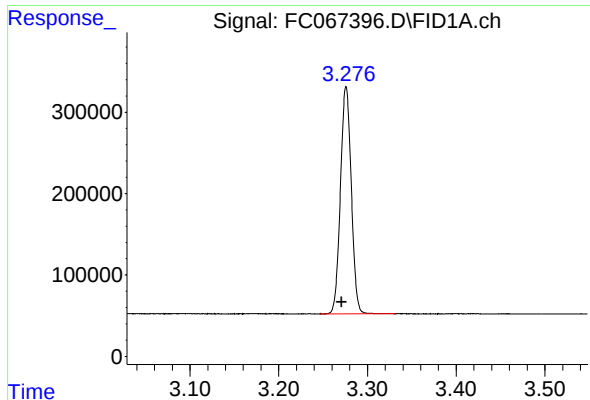
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :Ankita Jodhani 10/09/2024

Integration File: autoint1.e
Quant Time: Oct 09 02:12:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 09:13:32 2024
Response via : Initial Calibration
Integrator: ChemStation

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





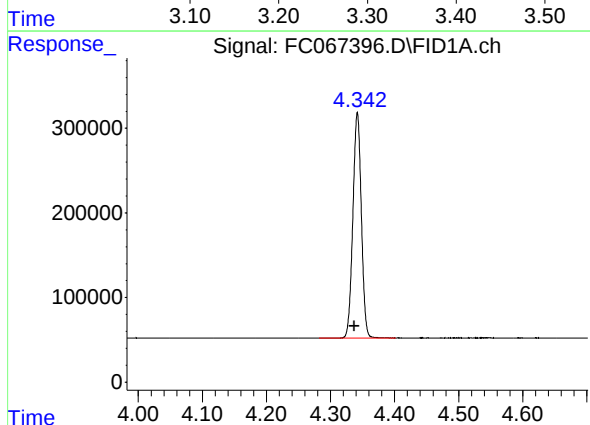
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: 0.005 min
Response: 2364576
Conc: 18.65 ug/ml

Instrument : FID_C
ClientSampleId : 20 PPM ALIPHATIC HC STD

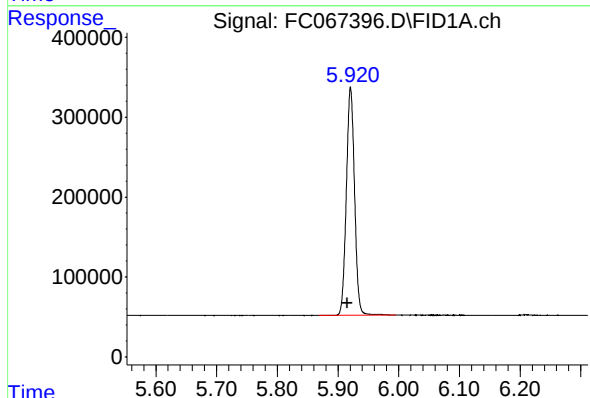
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :Ankita Jodhani 10/09/2024



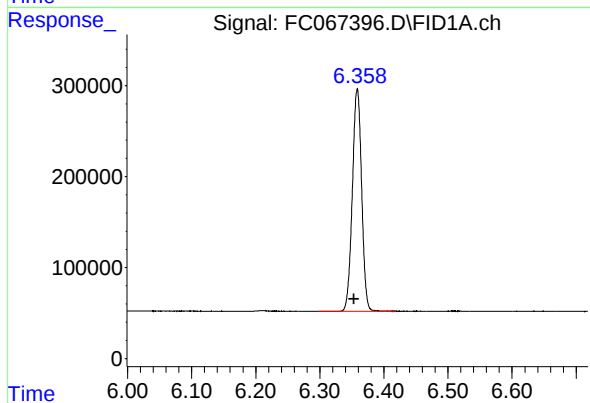
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.005 min
Response: 2447484
Conc: 19.04 ug/ml



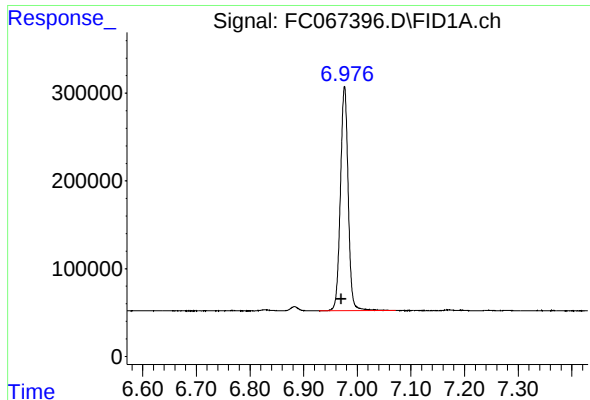
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: 0.006 min
Response: 2675559
Conc: 18.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: 0.005 min
Response: 2456278
Conc: 18.93 ug/ml



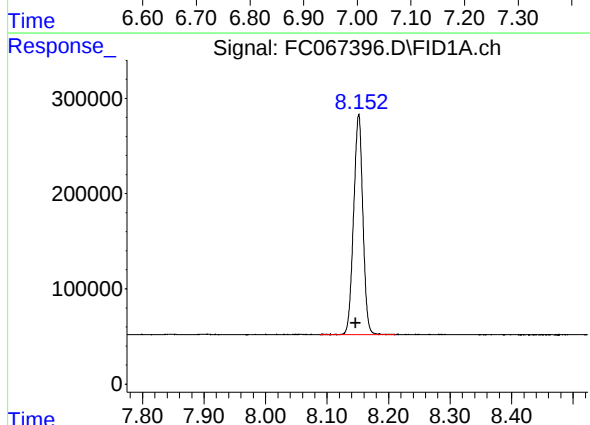
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: 0.006 min
Response: 2580825
Conc: 18.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

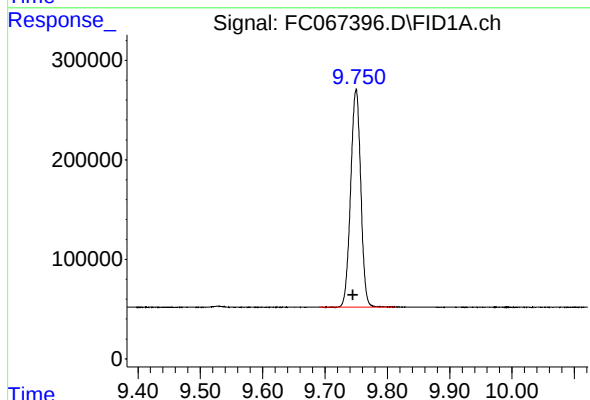
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :Ankita Jodhani 10/09/2024



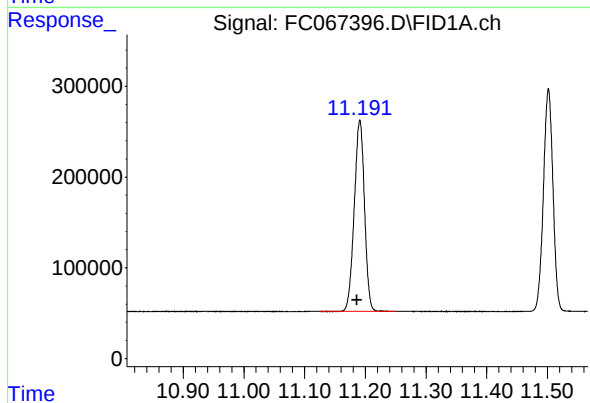
#6 n-Tetradecane (C14)

R.T.: 8.151 min
Delta R.T.: 0.005 min
Response: 2417040
Conc: 18.77 ug/ml



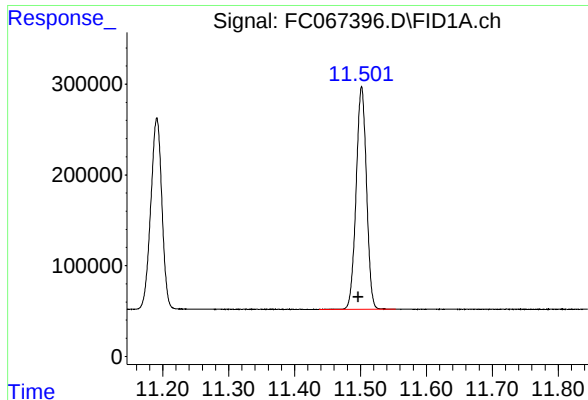
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: 0.005 min
Response: 2465351
Conc: 18.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.191 min
Delta R.T.: 0.005 min
Response: 2467993
Conc: 18.20 ug/ml



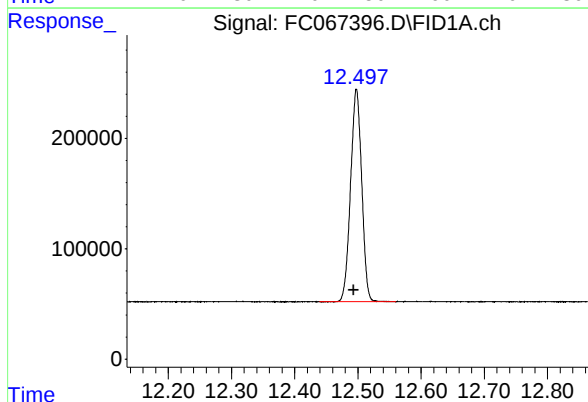
#9 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: 0.005 min
Response: 2680663
Conc: 17.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

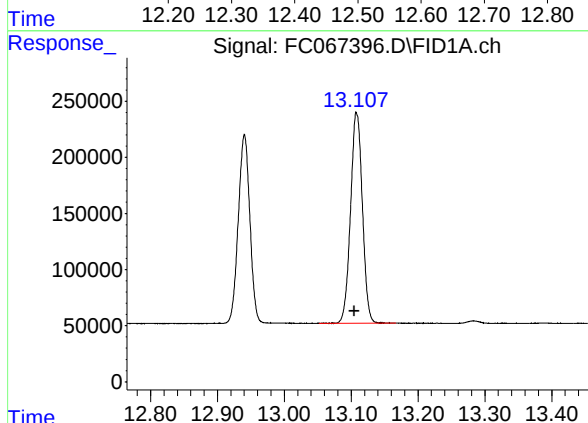
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :Ankita Jodhani 10/09/2024



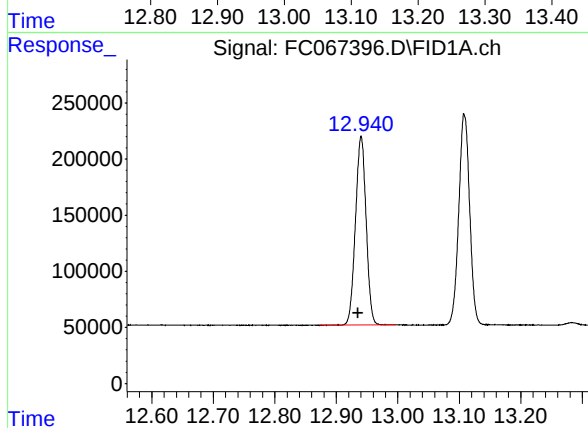
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: 0.004 min
Response: 2359018
Conc: 18.07 ug/ml



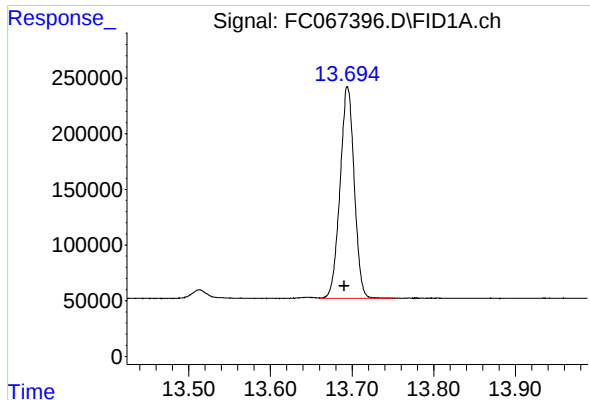
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.004 min
Response: 2305858
Conc: 17.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: 0.005 min
Response: 2021972
Conc: 17.86 ug/ml



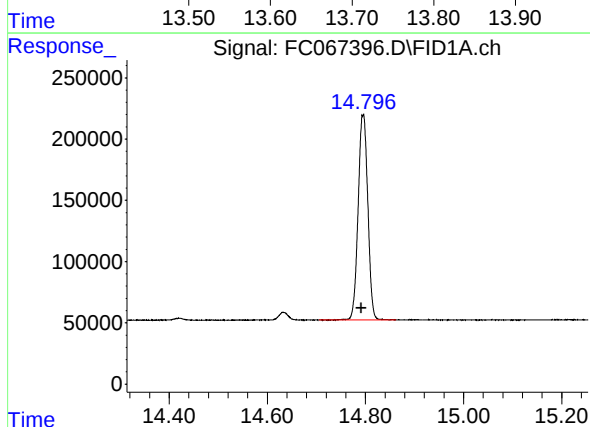
#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: 0.004 min
Response: 2292277
Conc: 17.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

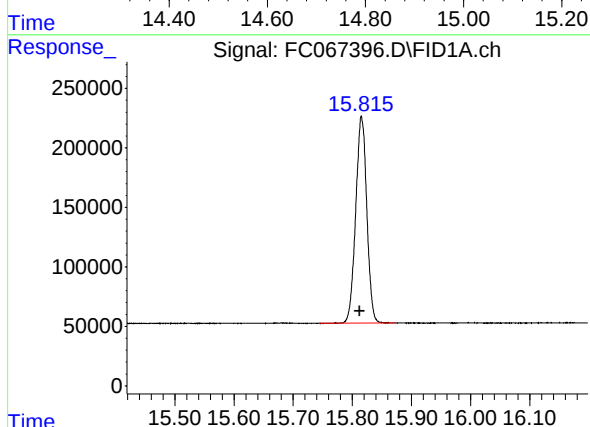
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :Ankita Jodhani 10/09/2024



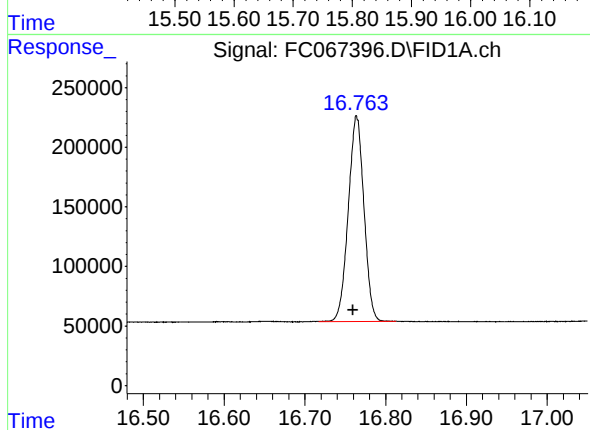
#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: 0.003 min
Response: 2289941
Conc: 17.91 ug/ml



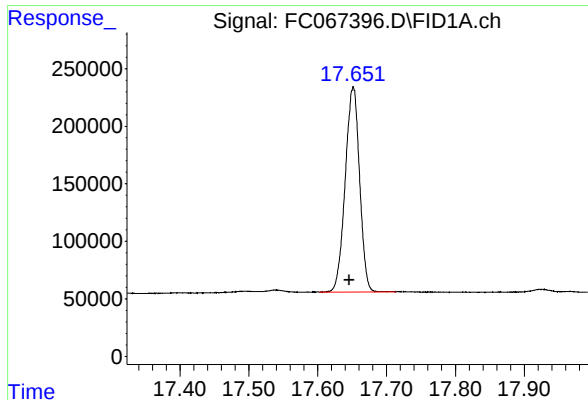
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.003 min
Response: 2266007
Conc: 17.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.763 min
Delta R.T.: 0.003 min
Response: 2326751
Conc: 18.52 ug/ml m



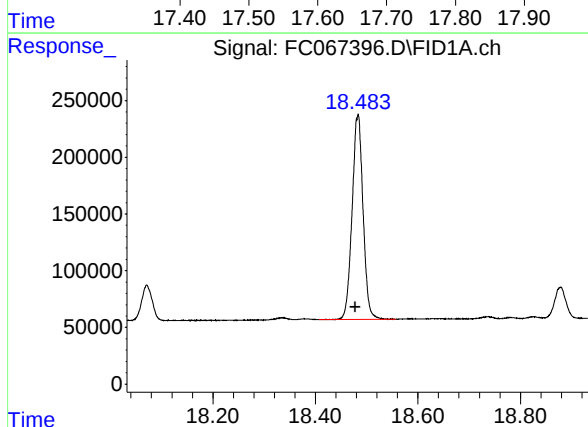
#17 n-Tricontane (C30)

R.T.: 17.651 min
Delta R.T.: 0.005 min
Response: 2582510
Conc: 20.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

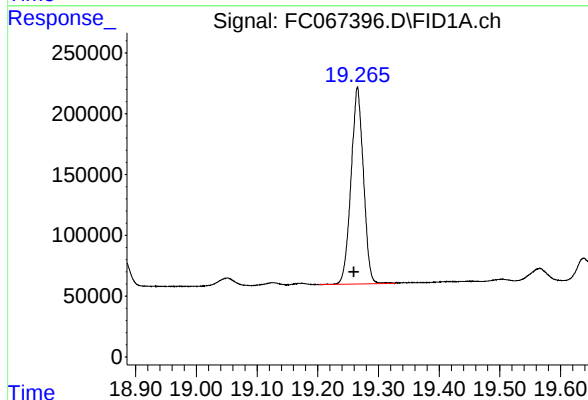
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :Ankita Jodhani 10/09/2024



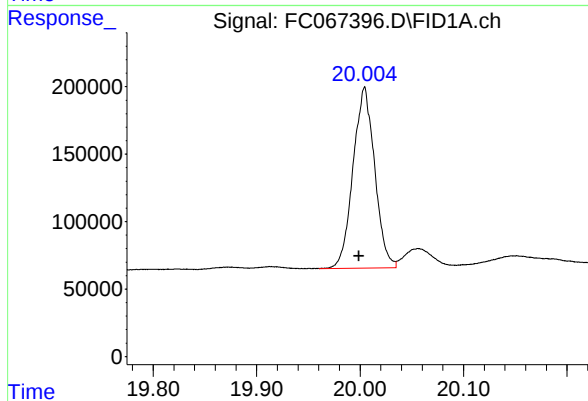
#18 n-Dotriacontane (C32)

R.T.: 18.483 min
Delta R.T.: 0.005 min
Response: 2679415
Conc: 21.45 ug/ml



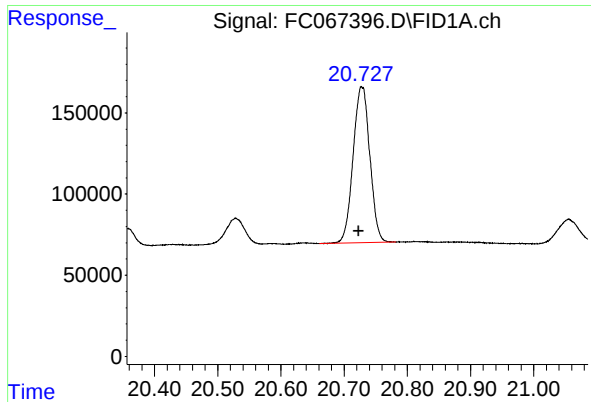
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: 0.006 min
Response: 2296944
Conc: 21.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: 0.005 min
Response: 1948351
Conc: 20.61 ug/ml



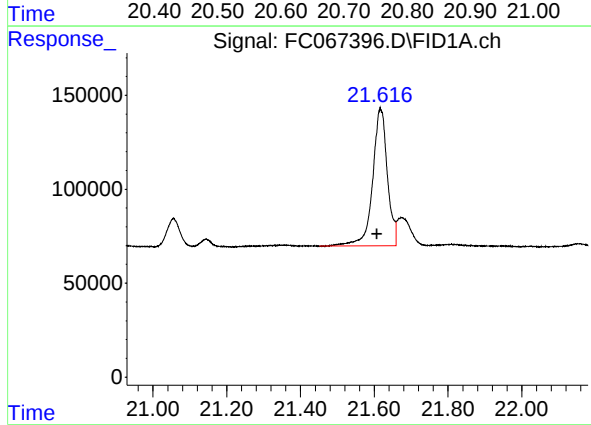
#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: 0.005 min
Response: 1766191
Conc: 20.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :Ankita Jodhani 10/09/2024



#22 n-Tetracontane (C40)

R.T.: 21.617 min
Delta R.T.: 0.009 min
Response: 2031271
Conc: 23.61 ug/ml