

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041924AL\
 Data File : FC066224.D
 Signal(s) : FID1A.ch
 Acq On : 19 Apr 2024 10:14
 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 04/22/2024
 Supervised By :Ankita Jodhani 04/22/2024

Integration File: autoint1.e
 Quant Time: Apr 20 01:20:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 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)	11.568	3111260	22.531 ug/ml
Spiked Amount 50.000		Recovery =	45.06%
12) S 1-chlorooctadecane (S...	13.007	2262899	23.062 ug/ml
Spiked Amount 50.000		Recovery =	46.12%
Target Compounds			
1) T n-Nonane (C9)	3.323	2965772	23.038 ug/ml
2) T n-Decane (C10)	4.392	2986972	22.908 ug/ml
3) T A~Naphthalene (C11.7)	5.976	3248298	22.648 ug/ml
4) T n-Dodecane (C12)	6.413	2921613	22.563 ug/ml
5) T A~2-methylnaphthalene...	7.033	3099465	22.509 ug/ml
6) T n-Tetradecane (C14)	8.209	2827391	22.463 ug/ml
7) T n-Hexadecane (C16)	9.811	2865278	22.495 ug/ml
8) T n-Octadecane (C18)	11.254	2871265	22.558 ug/ml
10) T n-Eicosane (C20)	12.563	2740679	22.743 ug/ml
11) T n-Heneicosane (C21)	13.176	2694924	22.776 ug/ml
13) T n-Docosane (C22)	13.762	2694810	22.955 ug/ml
14) T n-Tetracosane (C24)	14.865	2705215	23.186 ug/ml
15) T n-Hexacosane (C26)	15.887	2690438	23.403 ug/ml
16) T n-Octacosane (C28)	16.837	2697009	23.798 ug/ml
17) T n-Tricontane (C30)	17.726	2792036	24.101 ug/ml
18) T n-Dotriacontane (C32)	18.558	2777385	24.191 ug/ml
19) T n-Tetratriacontane (C34)	19.343	2638756	24.028 ug/ml
20) T n-Hexatriacontane (C36)	20.081	2448704	23.723 ug/ml
21) T n-Octatriacontane (C38)	20.818	2182238	22.386 ug/ml
22) T n-Tetracontane (C40)	21.733	1868548	20.649 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041924AL\
Data File : FC066224.D
Signal(s) : FID1A.ch
Acq On : 19 Apr 2024 10:14
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

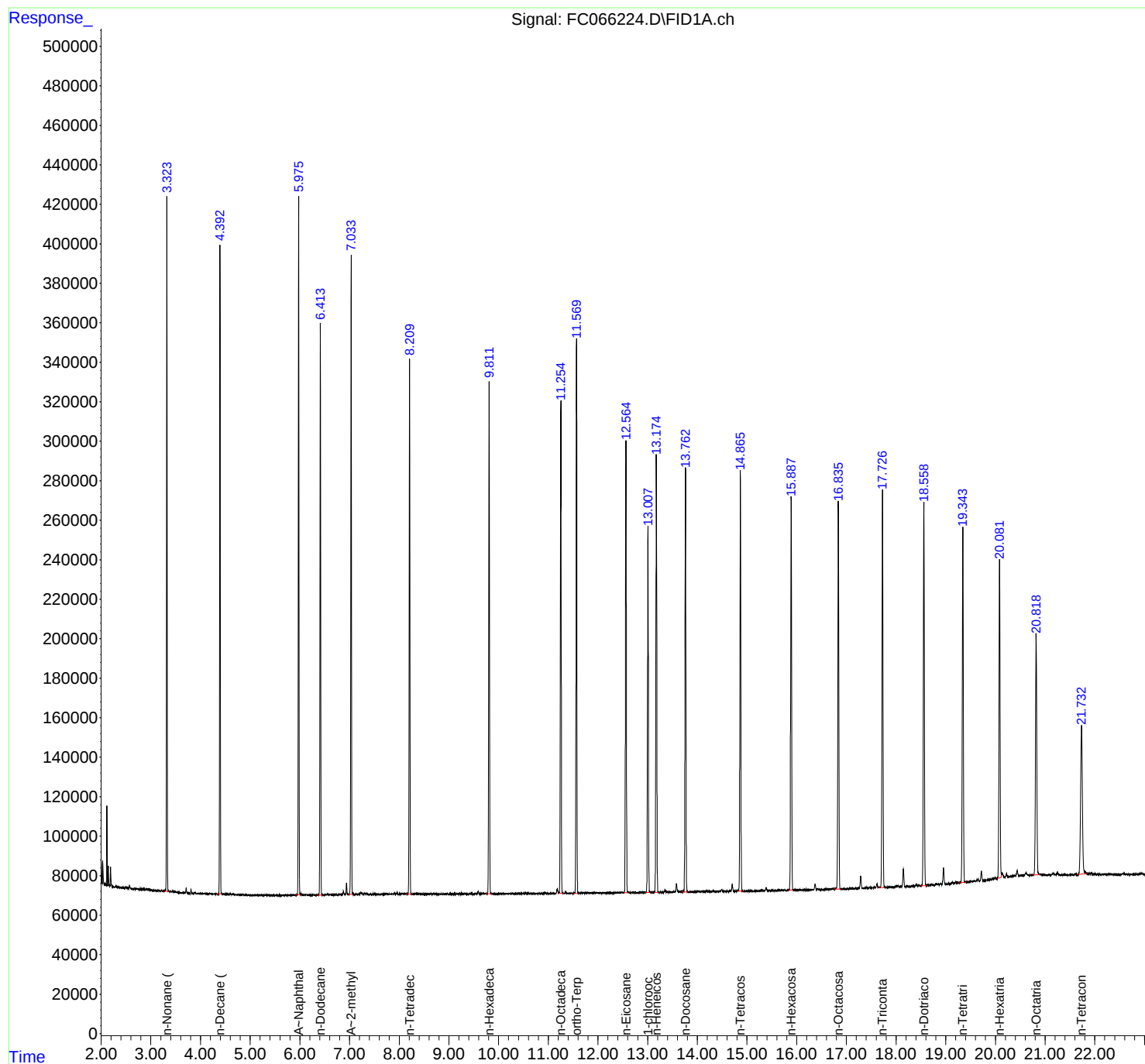
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

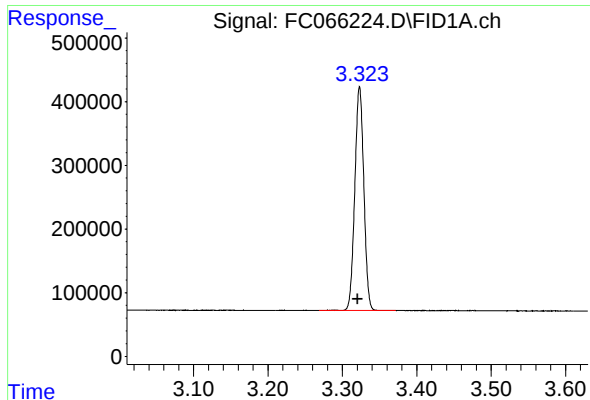
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024

Integration File: autoint1.e
Quant Time: Apr 20 01:20:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
Quant Title : GC Extractables
QLast Update : Tue Apr 16 08:19:15 2024
Response via : Initial Calibration
Integrator: ChemStation

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





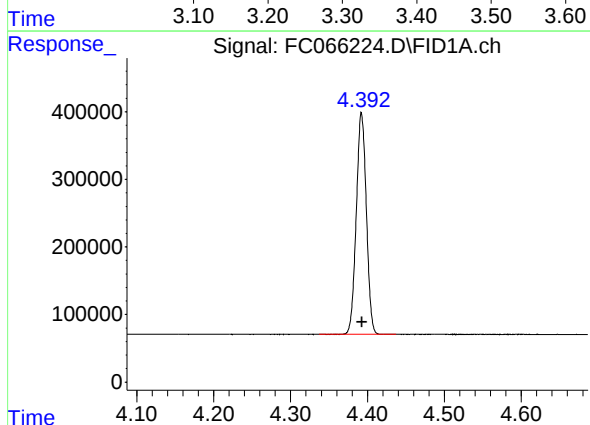
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: 0.002 min
Response: 2965772
Conc: 23.04 ug/ml

Instrument : FID_C
ClientSampleId : 20 PPM ALIPHATIC HC STD

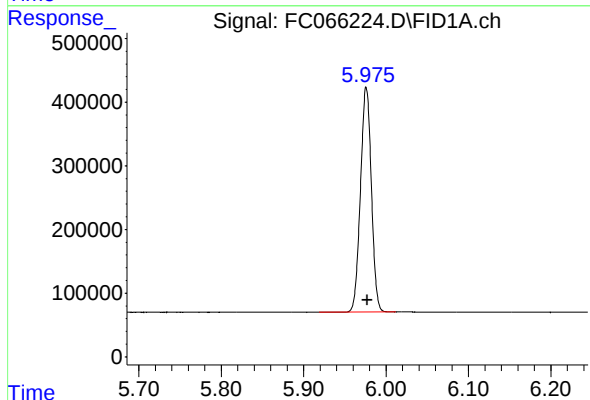
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



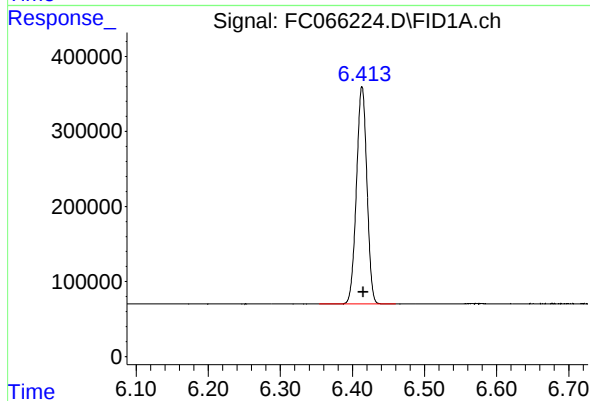
#2 n-Decane (C10)

R.T.: 4.392 min
Delta R.T.: 0.000 min
Response: 2986972
Conc: 22.91 ug/ml



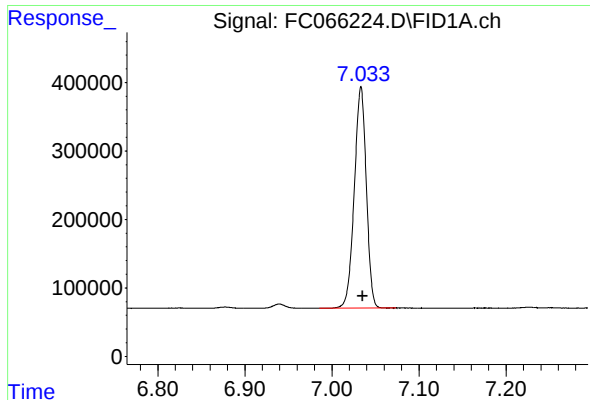
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.001 min
Response: 3248298
Conc: 22.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 2921613
Conc: 22.56 ug/ml



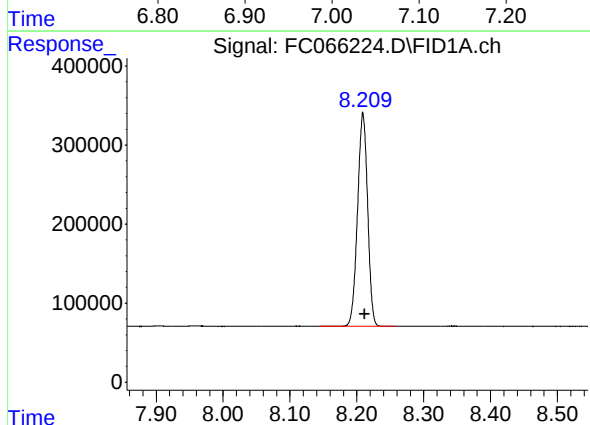
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.033 min
Delta R.T.: -0.002 min
Response: 3099465
Conc: 22.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

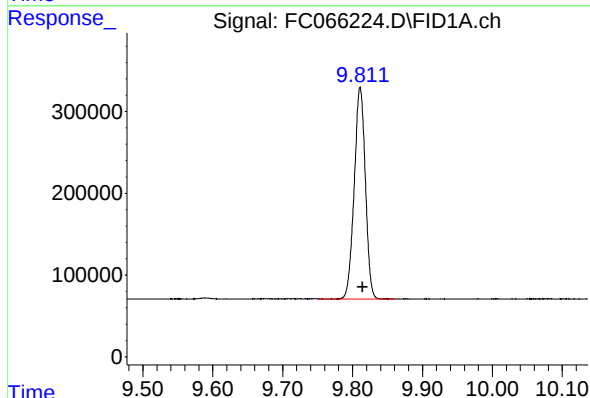
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



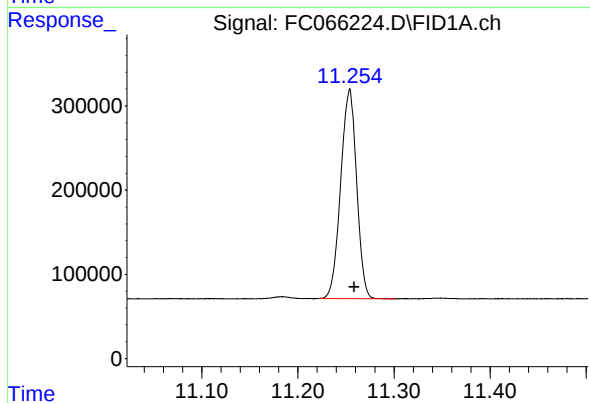
#6 n-Tetradecane (C14)

R.T.: 8.209 min
Delta R.T.: -0.002 min
Response: 2827391
Conc: 22.46 ug/ml



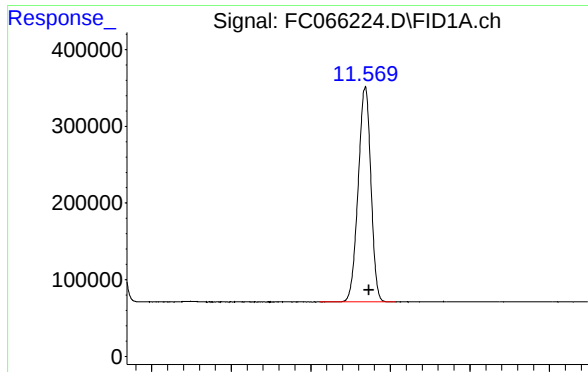
#7 n-Hexadecane (C16)

R.T.: 9.811 min
Delta R.T.: -0.004 min
Response: 2865278
Conc: 22.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.254 min
Delta R.T.: -0.005 min
Response: 2871265
Conc: 22.56 ug/ml



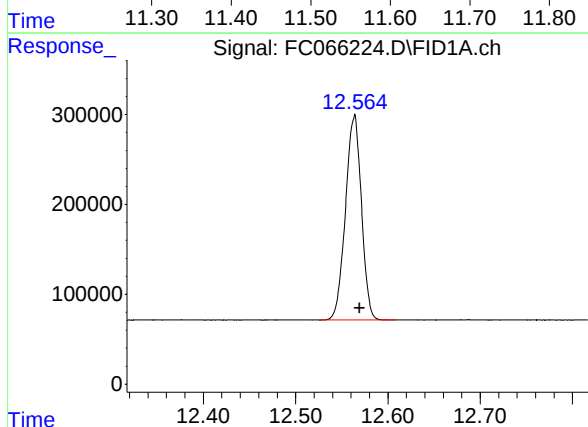
#9 ortho-Terphenyl (SURR)

R.T.: 11.568 min
Delta R.T.: -0.005 min
Response: 3111260
Conc: 22.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

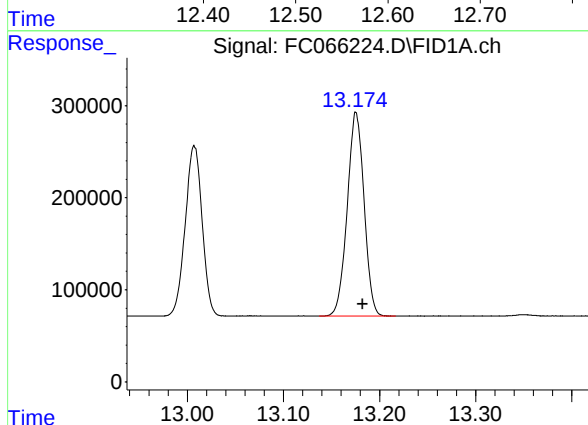
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



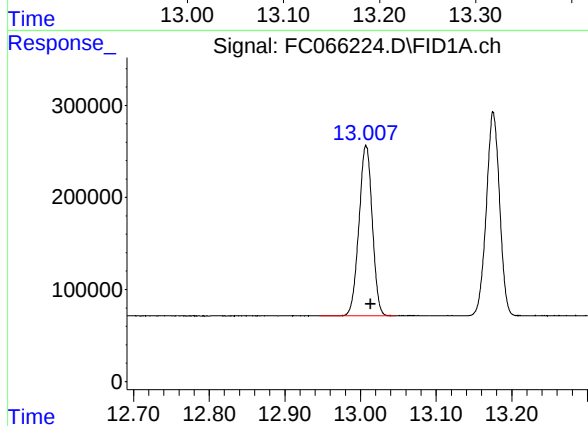
#10 n-Eicosane (C20)

R.T.: 12.563 min
Delta R.T.: -0.006 min
Response: 2740679
Conc: 22.74 ug/ml



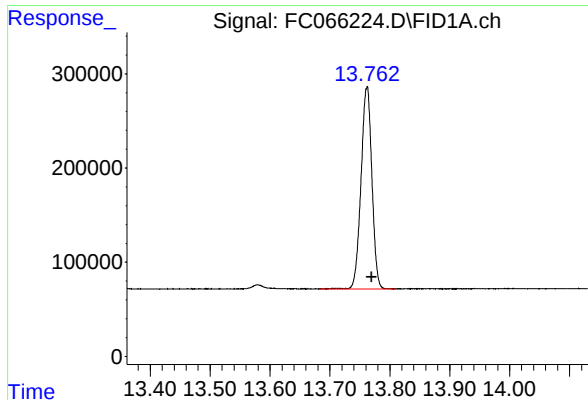
#11 n-Heneicosane (C21)

R.T.: 13.176 min
Delta R.T.: -0.007 min
Response: 2694924
Conc: 22.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.007 min
Delta R.T.: -0.006 min
Response: 2262899
Conc: 23.06 ug/ml



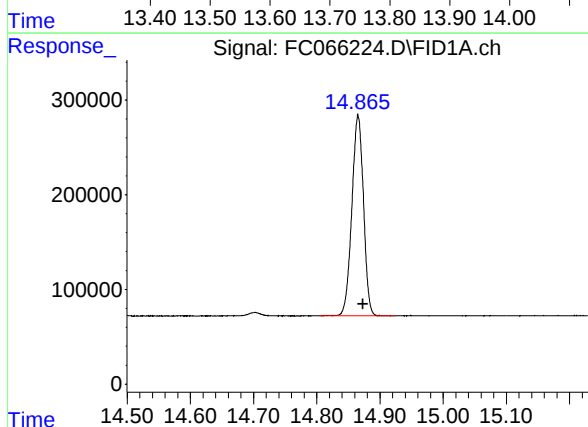
#13 n-Docosane (C22)

R.T.: 13.762 min
Delta R.T.: -0.008 min
Response: 2694810
Conc: 22.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

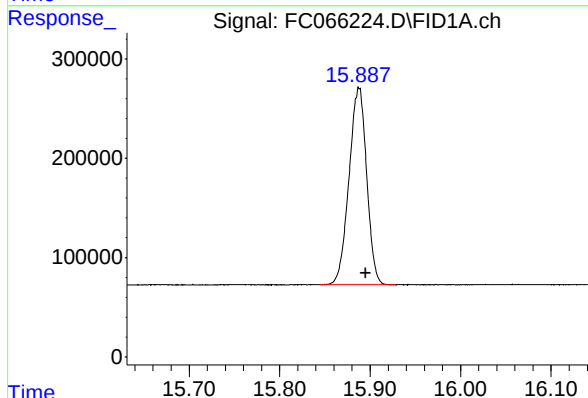
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



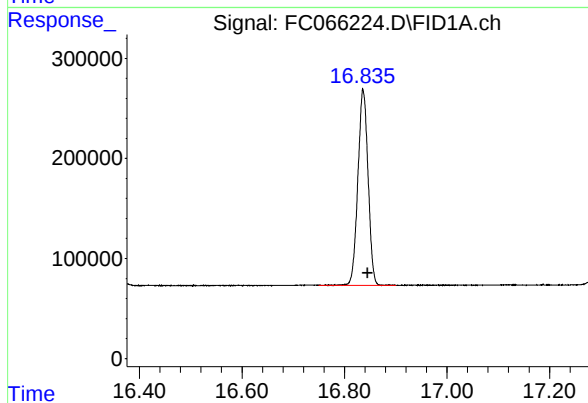
#14 n-Tetracosane (C24)

R.T.: 14.865 min
Delta R.T.: -0.008 min
Response: 2705215
Conc: 23.19 ug/ml



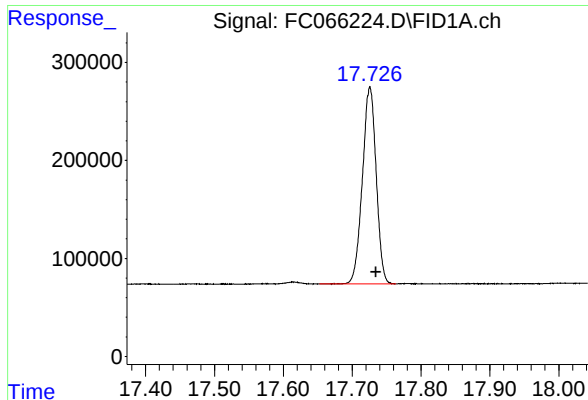
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: -0.008 min
Response: 2690438
Conc: 23.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: -0.009 min
Response: 2697009
Conc: 23.80 ug/ml



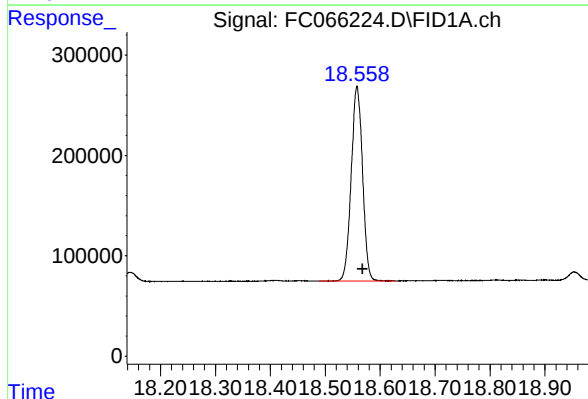
#17 n-Tricontane (C30)

R.T.: 17.726 min
Delta R.T.: -0.009 min
Response: 2792036
Conc: 24.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

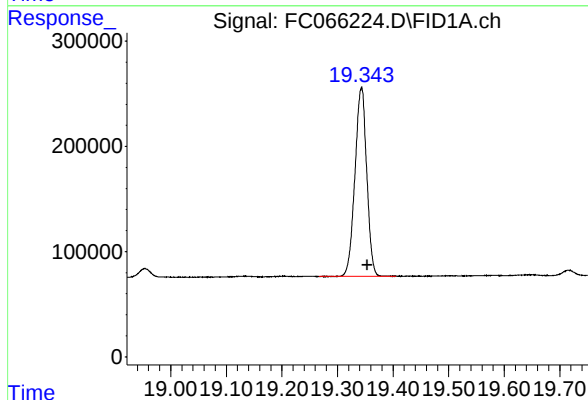
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



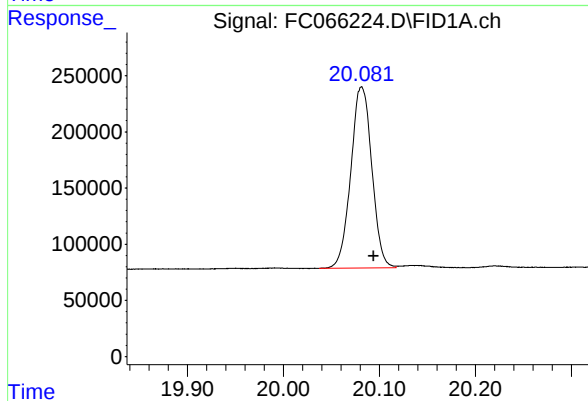
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: -0.010 min
Response: 2777385
Conc: 24.19 ug/ml



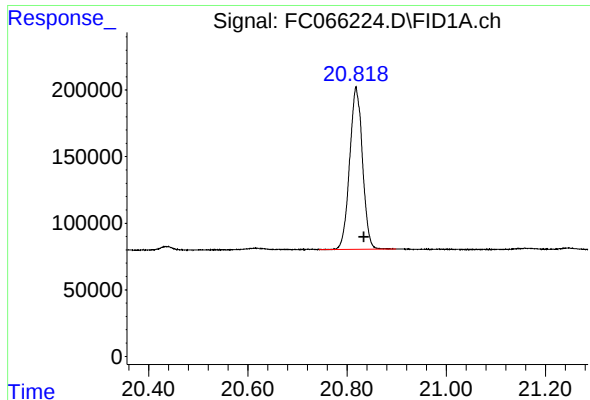
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: -0.011 min
Response: 2638756
Conc: 24.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.081 min
Delta R.T.: -0.013 min
Response: 2448704
Conc: 23.72 ug/ml m



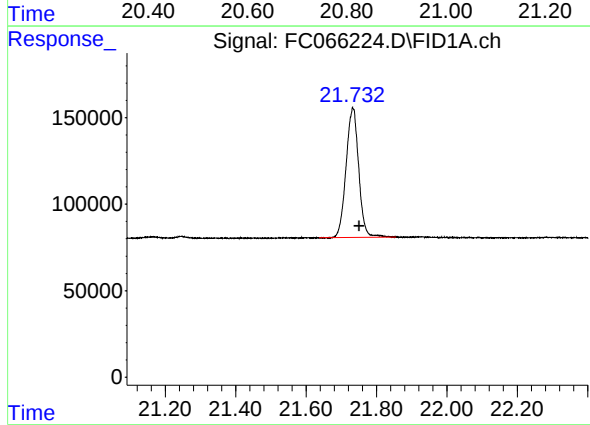
#21 n-Octatriacontane (C38)

R.T.: 20.818 min
Delta R.T.: -0.015 min
Response: 2182238
Conc: 22.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



#22 n-Tetracontane (C40)

R.T.: 21.733 min
Delta R.T.: -0.019 min
Response: 1868548
Conc: 20.65 ug/ml