

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121324AL\
 Data File : FC068005.D
 Signal(s) : FID1A.ch
 Acq On : 13 Dec 2024 08:10
 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 12/16/2024
 Supervised By :Ankita Jodhani 12/16/2024

Integration File: autoint1.e
 Quant Time: Dec 13 22:43:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 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)	11.464	3245079	18.767 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
12) S 1-chlorooctadecane (S...	12.903	2421792	18.980 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
Target Compounds			
1) T n-Nonane (C9)	3.249	2854595	18.373 ug/ml
2) T n-Decane (C10)	4.311	2918931	18.413 ug/ml
3) T A~Naphthalene (C11.7)	5.885	3220073	18.445 ug/ml
4) T n-Dodecane (C12)	6.325	2960236	18.385 ug/ml
5) T A~2-methylnaphthalene...	6.941	3122366	18.635 ug/ml
6) T n-Tetradecane (C14)	8.117	2927686	18.413 ug/ml
7) T n-Hexadecane (C16)	9.715	3019490	18.690 ug/ml
8) T n-Octadecane (C18)	11.154	3022528	18.827 ug/ml
10) T n-Eicosane (C20)	12.461	2854048	18.973 ug/ml
11) T n-Heneicosane (C21)	13.072	2776251	19.000 ug/ml
13) T n-Docosane (C22)	13.658	2743046	19.163 ug/ml
14) T n-Tetracosane (C24)	14.759	2691241	19.369 ug/ml
15) T n-Hexacosane (C26)	15.778	2624159	19.623 ug/mlm
16) T n-Octacosane (C28)	16.725	2631224	20.285 ug/ml
17) T n-Tricontane (C30)	17.612	2768024	21.368 ug/ml
18) T n-Dotriacontane (C32)	18.442	2719808	21.954 ug/ml
19) T n-Tetratriacontane (C34)	19.224	2373087	21.742 ug/ml
20) T n-Hexatriacontane (C36)	19.962	1999870	21.138 ug/ml
21) T n-Octatriacontane (C38)	20.680	1856438	20.522 ug/ml
22) T n-Tetracontane (C40)	21.555	1795264	20.369 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121324AL\
Data File : FC068005.D
Signal(s) : FID1A.ch
Acq On : 13 Dec 2024 08:10
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

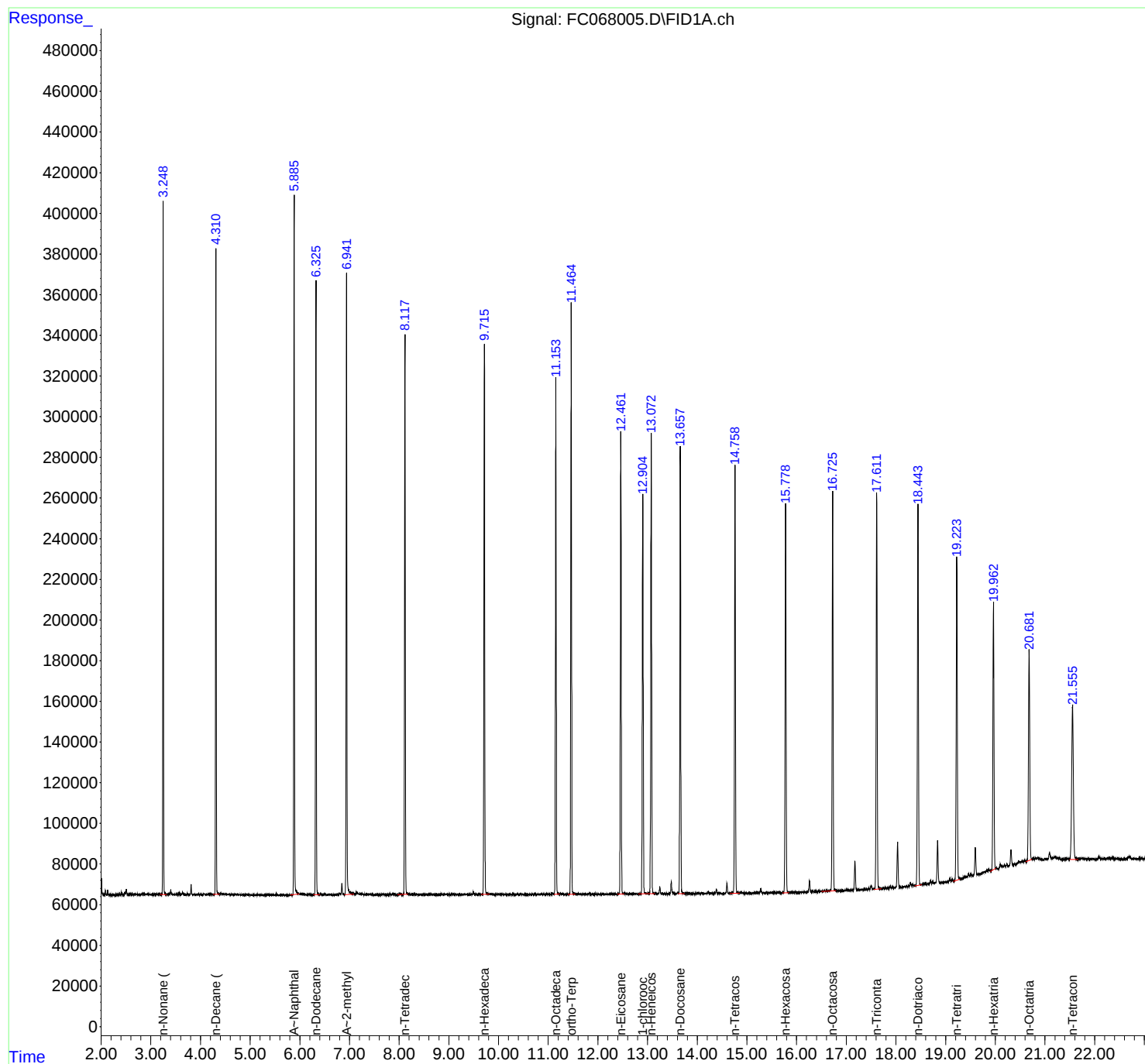
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

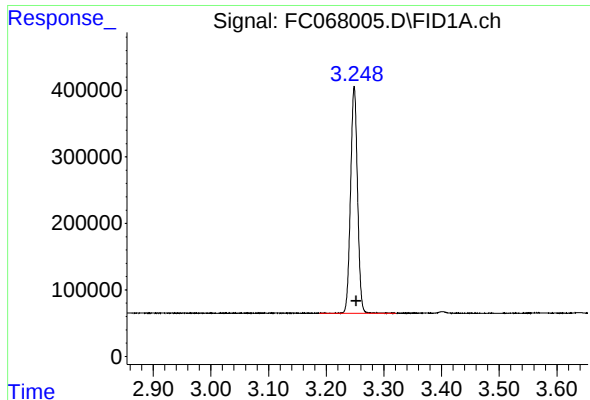
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/16/2024
Supervised By :Ankita Jodhani 12/16/2024

Integration File: autoint1.e
Quant Time: Dec 13 22:43:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 07:59:10 2024
Response via : Initial Calibration
Integrator: ChemStation

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





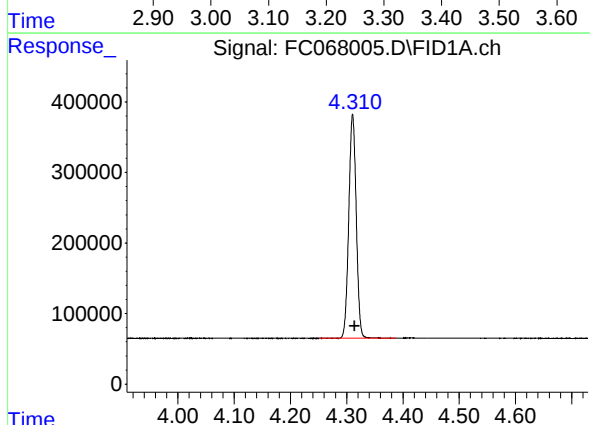
#1 n-Nonane (C9)

R.T.: 3.249 min
Delta R.T.: -0.003 min
Response: 2854595
Conc: 18.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

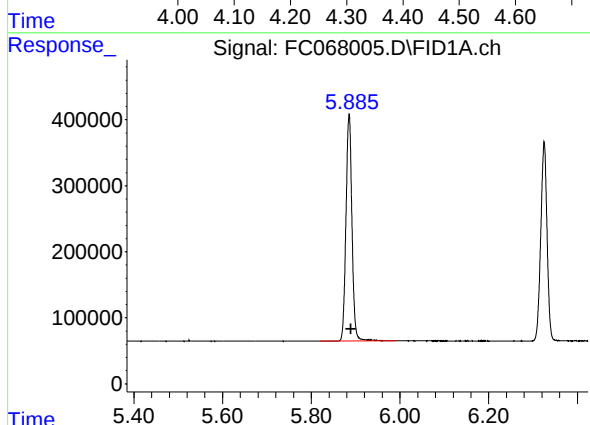
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/16/2024
Supervised By :Ankita Jodhani 12/16/2024



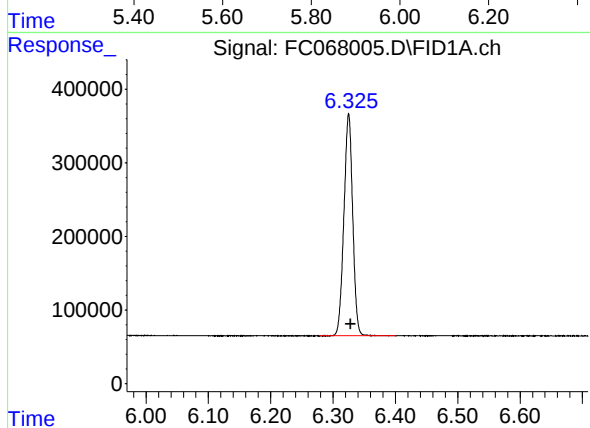
#2 n-Decane (C10)

R.T.: 4.311 min
Delta R.T.: -0.003 min
Response: 2918931
Conc: 18.41 ug/ml



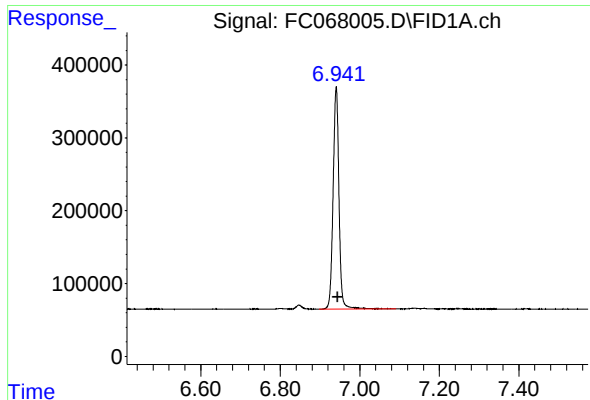
#3 A~Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.004 min
Response: 3220073
Conc: 18.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.325 min
Delta R.T.: -0.004 min
Response: 2960236
Conc: 18.38 ug/ml



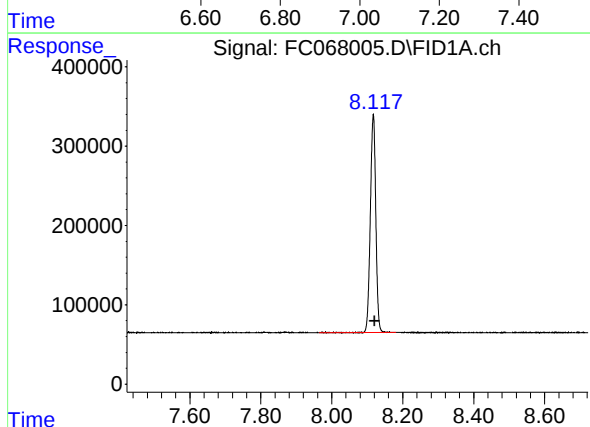
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.941 min
Delta R.T.: -0.004 min
Response: 3122366
Conc: 18.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

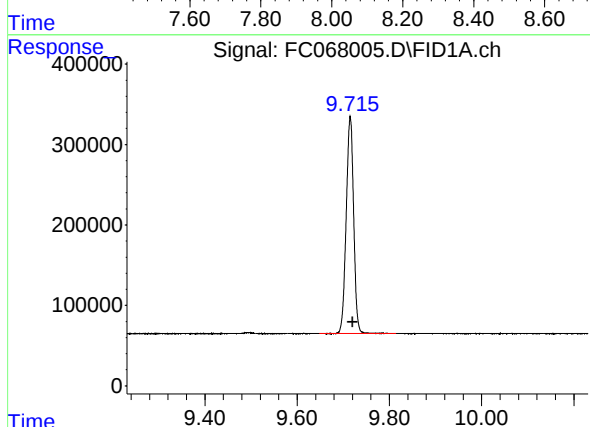
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/16/2024
Supervised By :Ankita Jodhani 12/16/2024



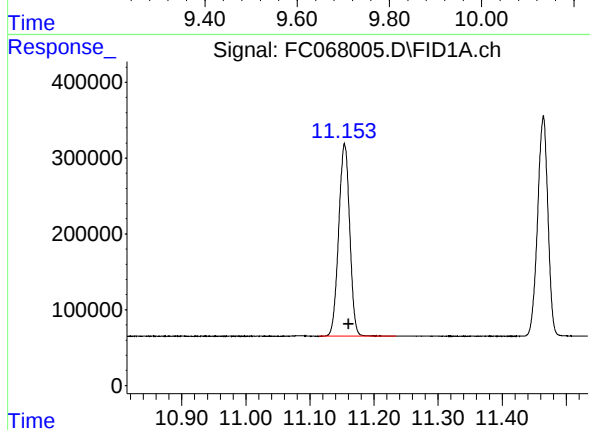
#6 n-Tetradecane (C14)

R.T.: 8.117 min
Delta R.T.: -0.005 min
Response: 2927686
Conc: 18.41 ug/ml



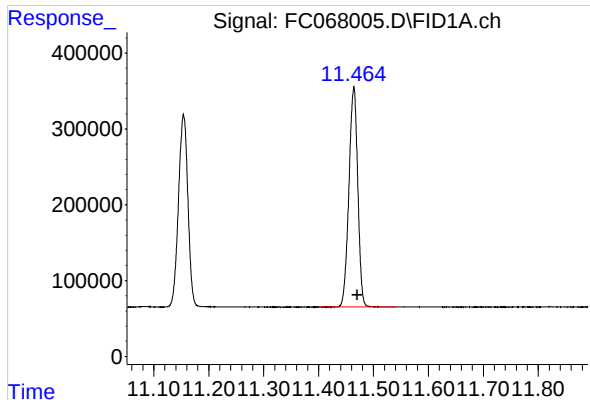
#7 n-Hexadecane (C16)

R.T.: 9.715 min
Delta R.T.: -0.005 min
Response: 3019490
Conc: 18.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.154 min
Delta R.T.: -0.006 min
Response: 3022528
Conc: 18.83 ug/ml



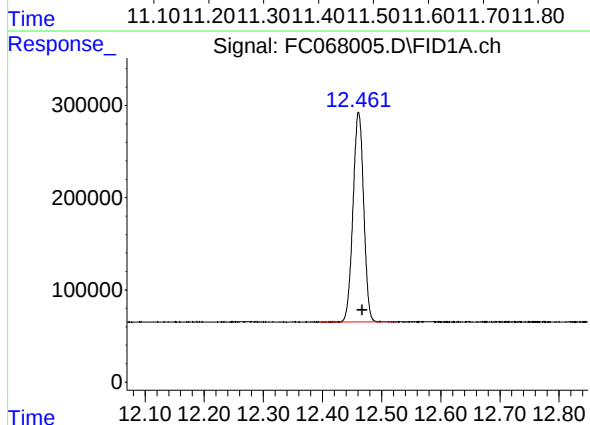
#9 ortho-Terphenyl (SURR)

R.T.: 11.464 min
Delta R.T.: -0.006 min
Response: 3245079
Conc: 18.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

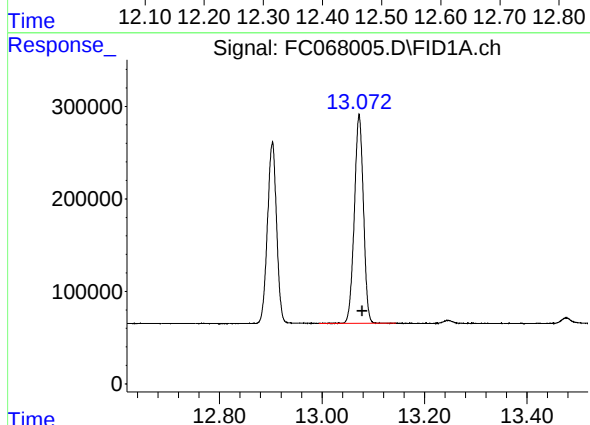
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/16/2024
Supervised By :Ankita Jodhani 12/16/2024



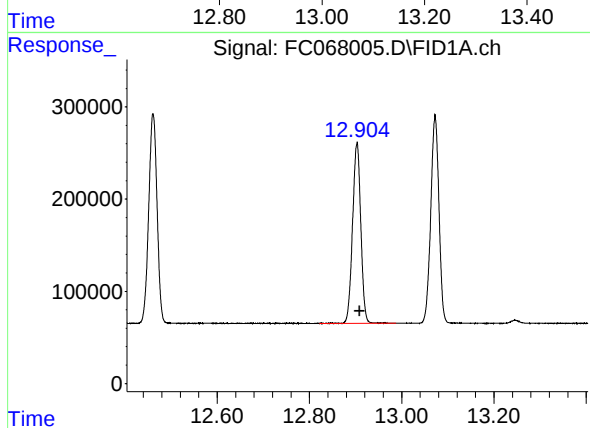
#10 n-Eicosane (C20)

R.T.: 12.461 min
Delta R.T.: -0.006 min
Response: 2854048
Conc: 18.97 ug/ml



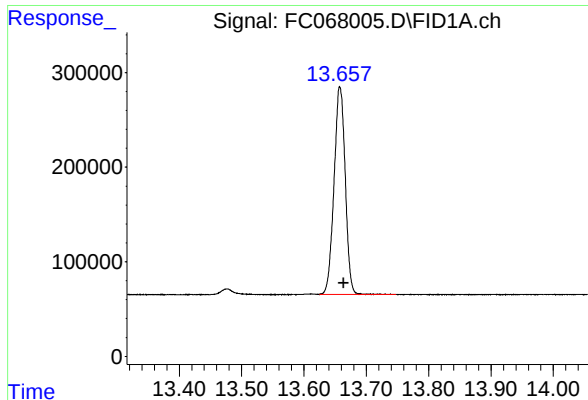
#11 n-Heneicosane (C21)

R.T.: 13.072 min
Delta R.T.: -0.006 min
Response: 2776251
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.903 min
Delta R.T.: -0.006 min
Response: 2421792
Conc: 18.98 ug/ml



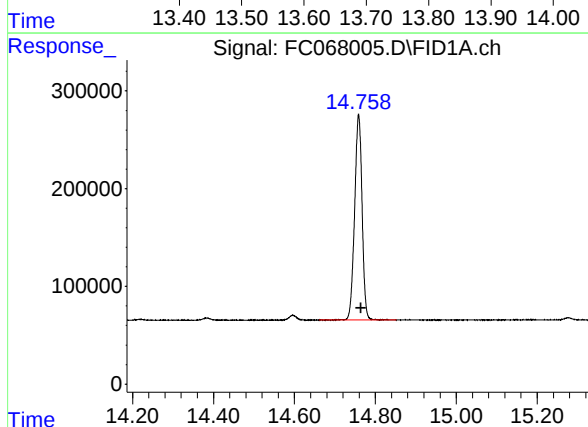
#13 n-Docosane (C22)

R.T.: 13.658 min
Delta R.T.: -0.006 min
Response: 2743046
Conc: 19.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

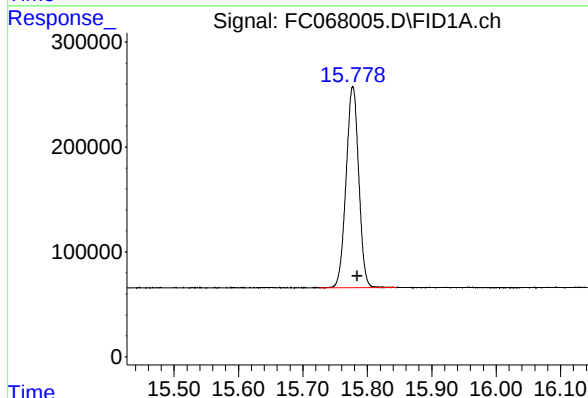
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/16/2024
Supervised By :Ankita Jodhani 12/16/2024



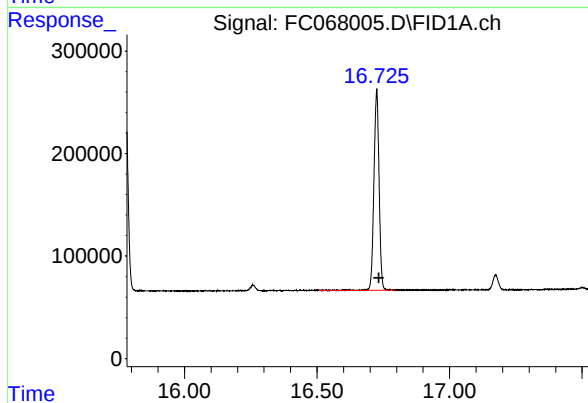
#14 n-Tetracosane (C24)

R.T.: 14.759 min
Delta R.T.: -0.006 min
Response: 2691241
Conc: 19.37 ug/ml



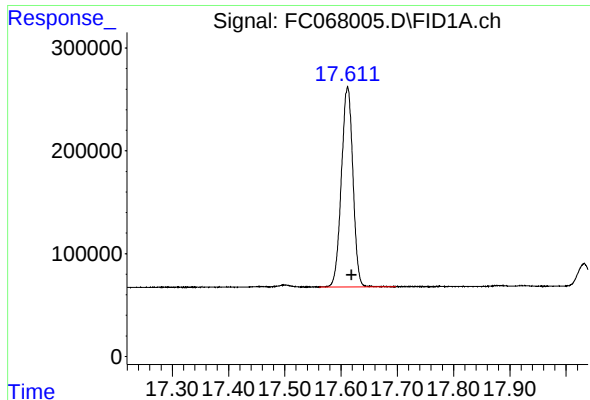
#15 n-Hexacosane (C26)

R.T.: 15.778 min
Delta R.T.: -0.007 min
Response: 2624159
Conc: 19.62 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.725 min
Delta R.T.: -0.008 min
Response: 2631224
Conc: 20.29 ug/ml



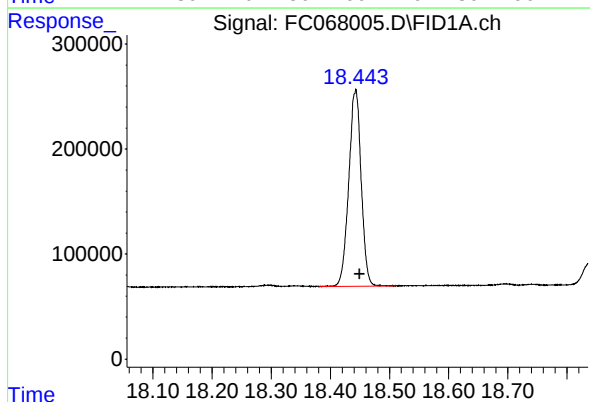
#17 n-Tricontane (C30)

R.T.: 17.612 min
Delta R.T.: -0.007 min
Response: 2768024
Conc: 21.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

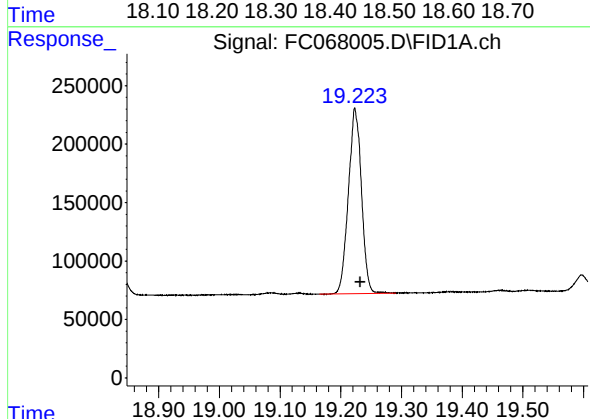
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/16/2024
Supervised By :Ankita Jodhani 12/16/2024



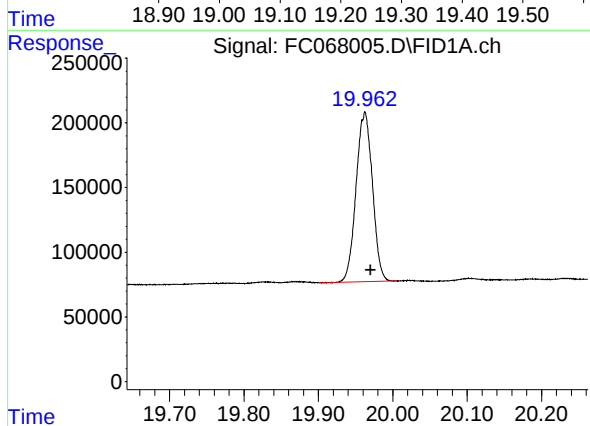
#18 n-Dotriacontane (C32)

R.T.: 18.442 min
Delta R.T.: -0.007 min
Response: 2719808
Conc: 21.95 ug/ml



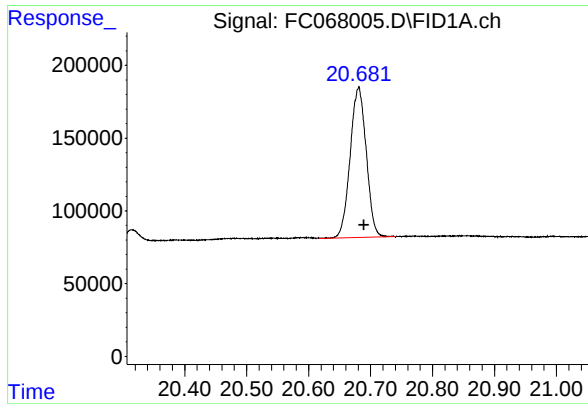
#19 n-Tetatriacontane (C34)

R.T.: 19.224 min
Delta R.T.: -0.008 min
Response: 2373087
Conc: 21.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.962 min
Delta R.T.: -0.008 min
Response: 1999870
Conc: 21.14 ug/ml



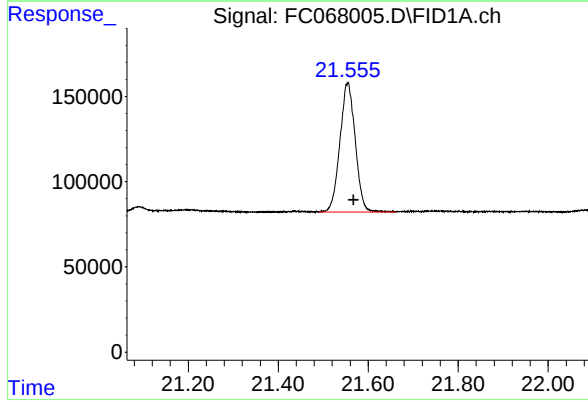
#21 n-Octatriacontane (C38)

R.T.: 20.680 min
Delta R.T.: -0.009 min
Response: 1856438
Conc: 20.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/16/2024
Supervised By :Ankita Jodhani 12/16/2024



#22 n-Tetracontane (C40)

R.T.: 21.555 min
Delta R.T.: -0.013 min
Response: 1795264
Conc: 20.37 ug/ml m