

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060225AL\
 Data File : FC069055.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jun 2025 15:03
 Operator : YP/AJ
 Sample : PB168231BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB168231BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/03/2025

Supervised By :mohammad ahmed 06/04/2025

Integration File: autoint1.e

Quant Time: Jun 03 06:14:59 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M

Quant Title : GC Extractables

QLast Update : Tue May 27 01:48:55 2025

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)	11.679	4851260	39.331 ug/ml
Spiked Amount 50.000		Recovery =	78.66%
12) S 1-chlorooctadecane (S...	13.115	3761473	41.927 ug/ml
Spiked Amount 50.000		Recovery =	83.85%
Target Compounds			
1) T n-Nonane (C9)	3.410	4331124	40.812 ug/ml
2) T n-Decane (C10)	4.481	4534015	42.811 ug/mlm
3) T A~Naphthalene (C11.7)	6.074	5198372	44.955 ug/ml
4) T n-Dodecane (C12)	6.505	4541141	43.199 ug/ml
5) T A~2-methylnaphthalene...	7.134	4728622	41.710 ug/ml
6) T n-Tetradecane (C14)	8.307	4420096	43.121 ug/ml
7) T n-Hexadecane (C16)	9.911	4396593	43.330 ug/ml
8) T n-Octadecane (C18)	11.355	4267267	42.696 ug/mlm
10) T n-Eicosane (C20)	12.669	4264992	43.789 ug/ml
11) T n-Heneicosane (C21)	13.282	4050689	42.084 ug/ml
13) T n-Docosane (C22)	13.869	3977656	41.752 ug/ml
14) T n-Tetracosane (C24)	14.964	8182616	86.908 ug/ml
15) T n-Hexacosane (C26)	15.999	3820747	41.153 ug/ml
16) T n-Octacosane (C28)	16.950	3807674	40.964 ug/ml
17) T n-Tricontane (C30)	17.841	3793982	39.211 ug/ml
18) T n-Dotriacontane (C32)	18.675	3816911	38.517 ug/ml
19) T n-Tetratriacontane (C34)	19.461	3966417	41.154 ug/ml
20) T n-Hexatriacontane (C36)	20.202	3866337	40.728 ug/ml
21) T n-Octatriacontane (C38)	20.972	3831318	41.994 ug/ml
22) T n-Tetracontane (C40)	21.941	3546219	40.191 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060225AL\
Data File : FC069055.D
Signal(s) : FID1A.ch
Acq On : 02 Jun 2025 15:03
Operator : YP/AJ
Sample : PB168231BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

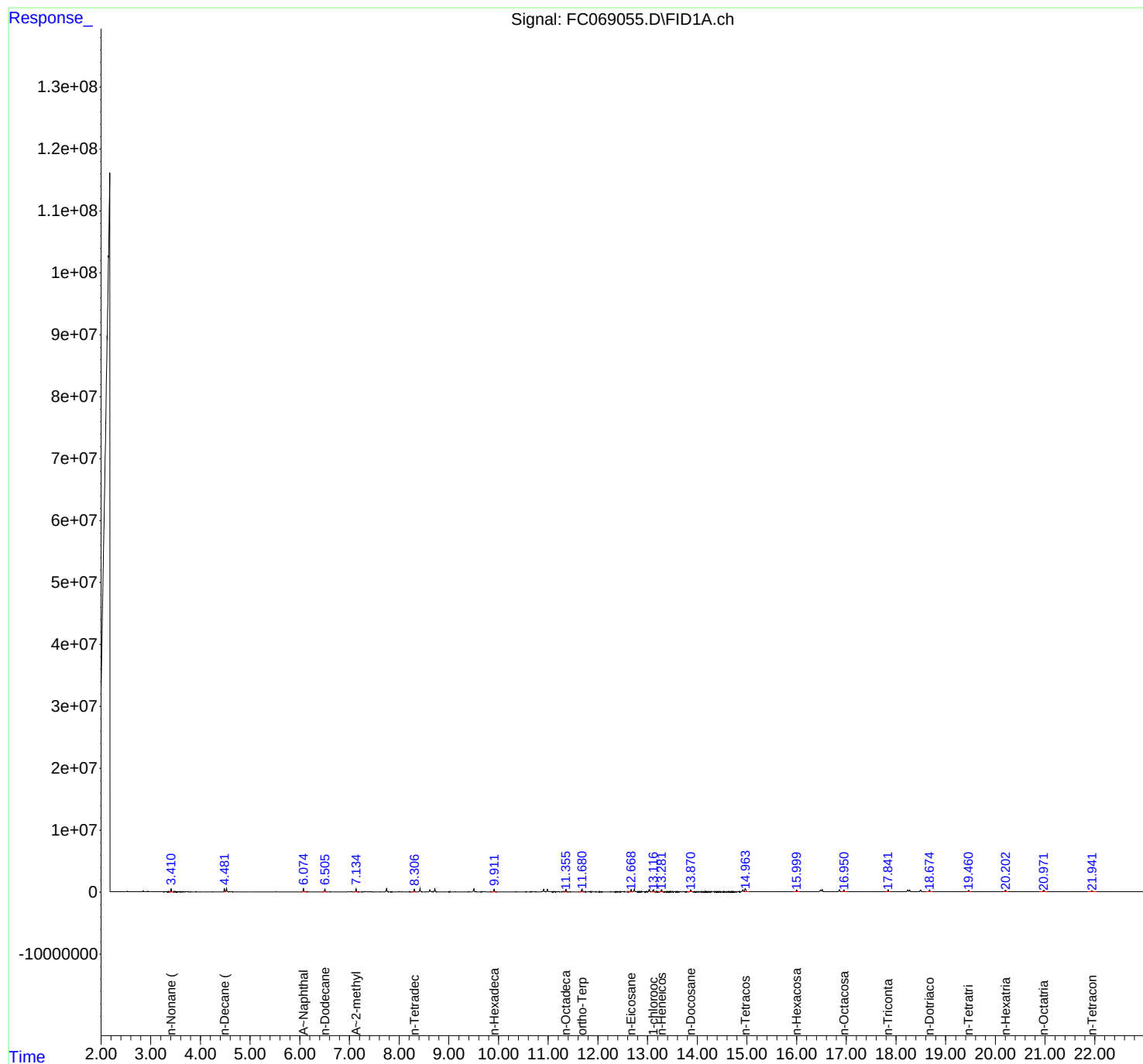
Instrument :
FID_C
ClientSampleId :
PB168231BSD

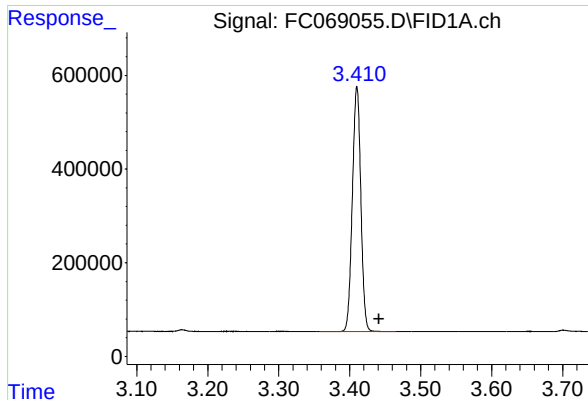
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/03/2025
Supervised By :mohammad ahmed 06/04/2025

Integration File: autoint1.e
Quant Time: Jun 03 06:14:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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





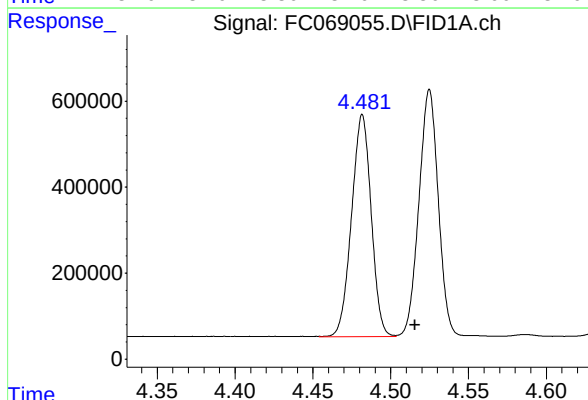
#1 n-Nonane (C9)

R.T.: 3.410 min
Delta R.T.: -0.031 min
Response: 4331124
Conc: 40.81 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168231BSD

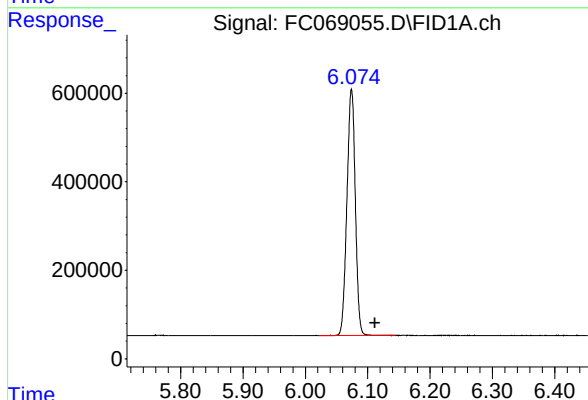
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/03/2025
Supervised By :mohammad ahmed 06/04/2025



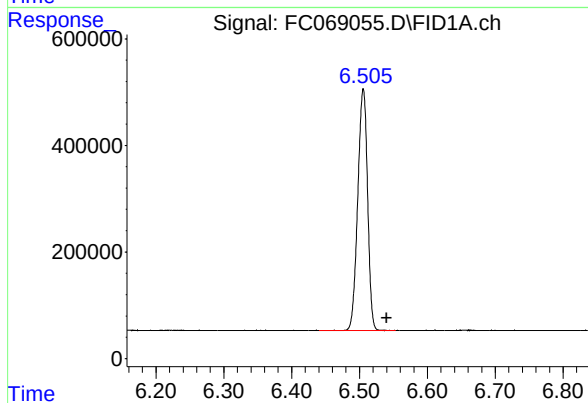
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.034 min
Response: 4534015
Conc: 42.81 ug/ml m



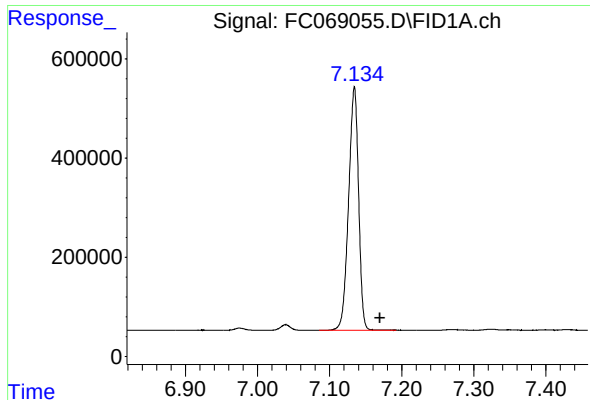
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.038 min
Response: 5198372
Conc: 44.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: -0.034 min
Response: 4541141
Conc: 43.20 ug/ml



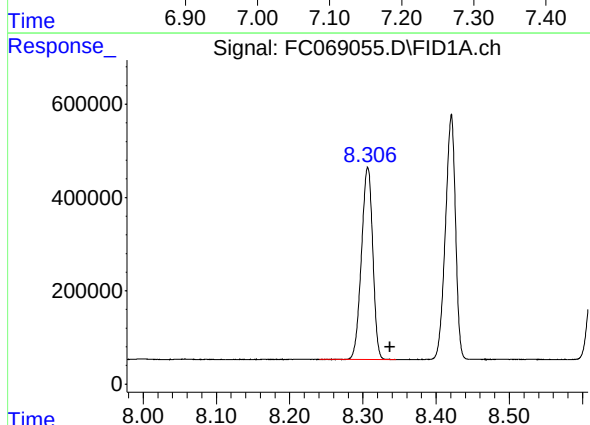
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: -0.036 min
Response: 4728622
Conc: 41.71 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168231BSD

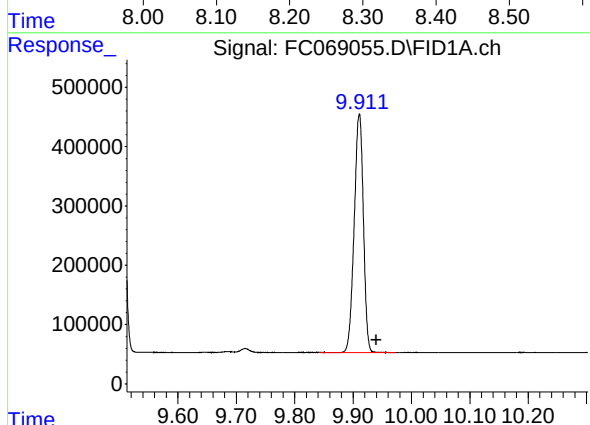
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/03/2025
Supervised By :mohammad ahmed 06/04/2025



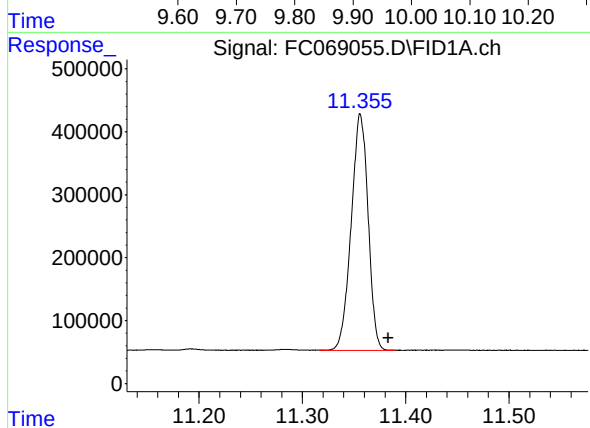
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: -0.031 min
Response: 4420096
Conc: 43.12 ug/ml



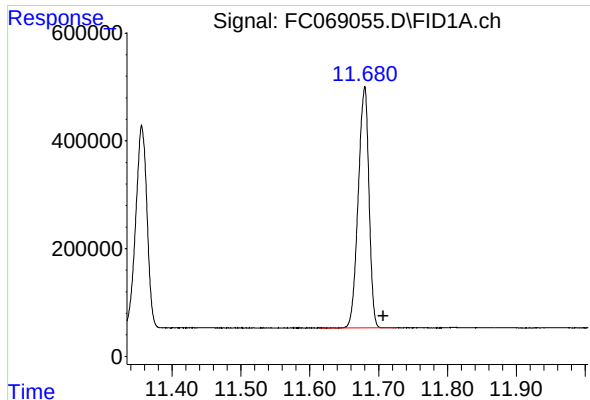
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.029 min
Response: 4396593
Conc: 43.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: -0.028 min
Response: 4267267
Conc: 42.70 ug/ml m



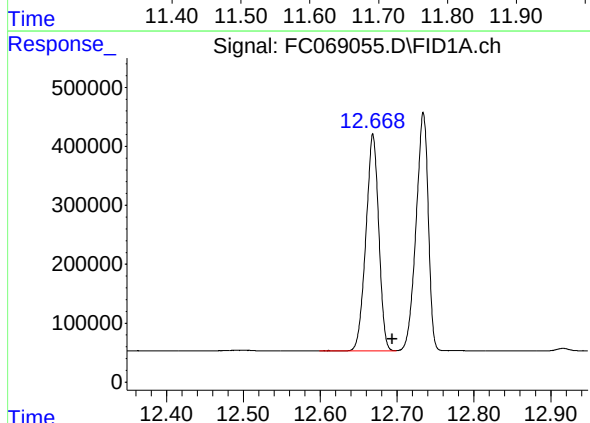
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: -0.028 min
Response: 4851260
Conc: 39.33 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168231BSD

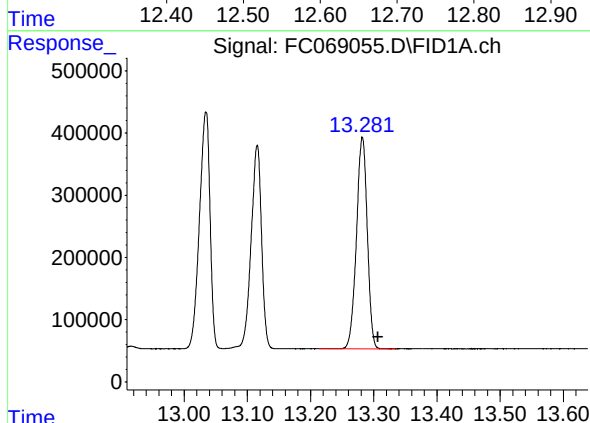
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/03/2025
Supervised By :mohammad ahmed 06/04/2025



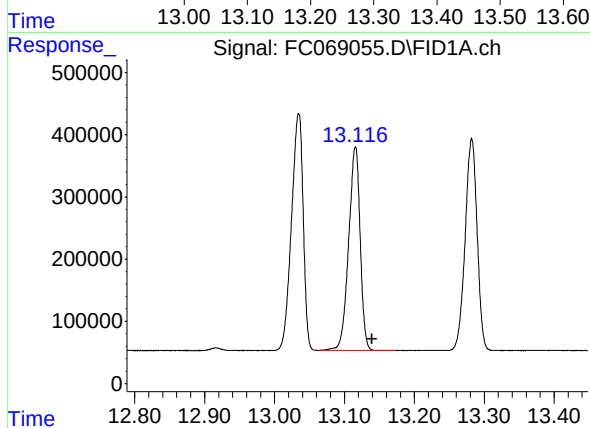
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: -0.025 min
Response: 4264992
Conc: 43.79 ug/ml



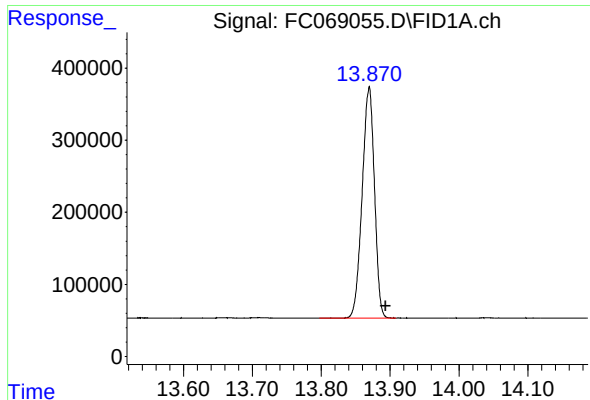
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: -0.025 min
Response: 4050689
Conc: 42.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: -0.024 min
Response: 3761473
Conc: 41.93 ug/ml



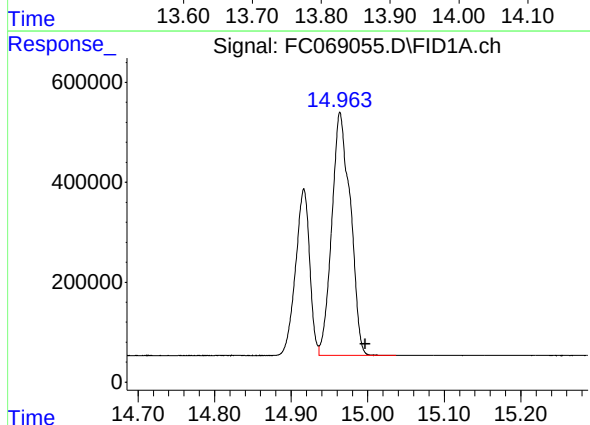
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: -0.024 min
Response: 3977656
Conc: 41.75 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168231BSD

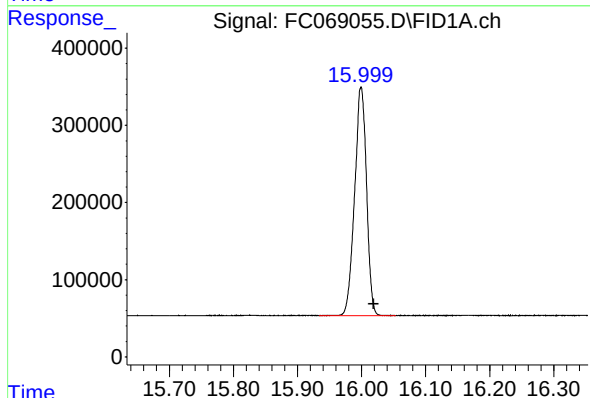
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/03/2025
Supervised By :mohammad ahmed 06/04/2025



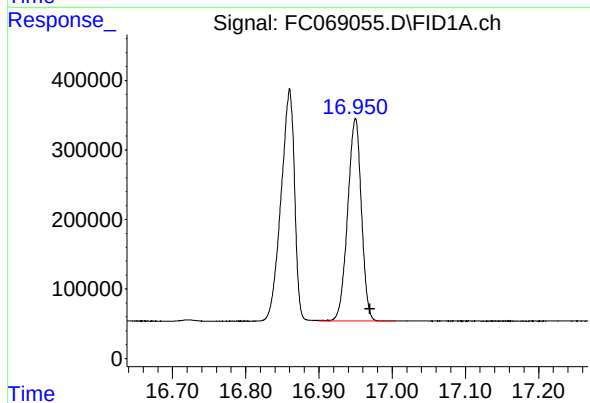
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: -0.033 min
Response: 8182616
Conc: 86.91 ug/ml



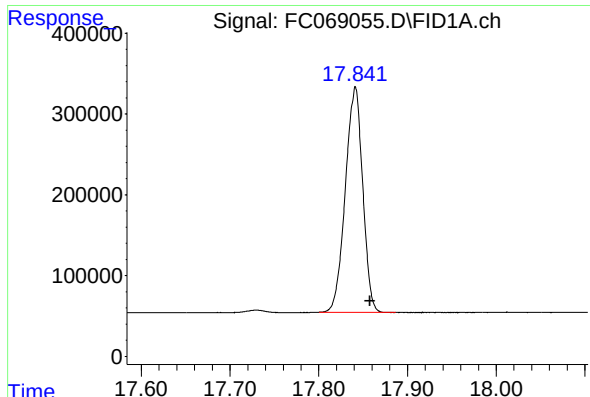
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: -0.019 min
Response: 3820747
Conc: 41.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.950 min
Delta R.T.: -0.020 min
Response: 3807674
Conc: 40.96 ug/ml



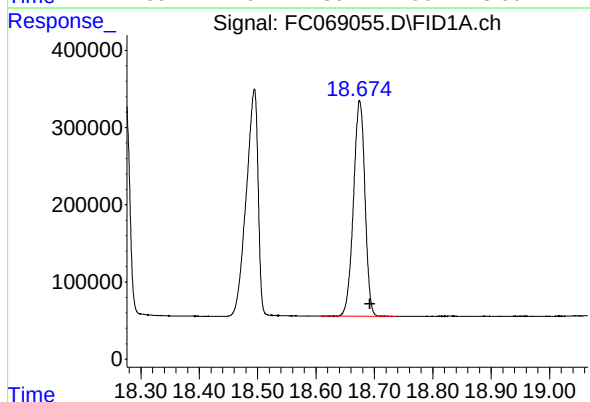
#17 n-Tricontane (C30)

R.T.: 17.841 min
Delta R.T.: -0.017 min
Response: 3793982
Conc: 39.21 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168231BSD

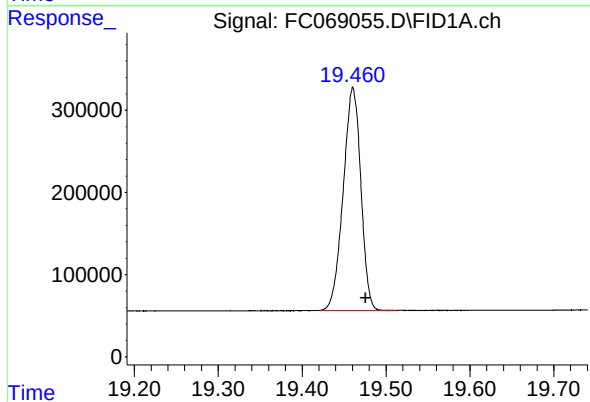
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/03/2025
Supervised By :mohammad ahmed 06/04/2025



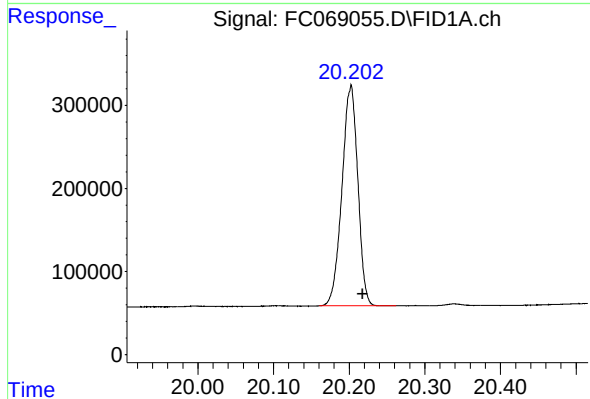
#18 n-Dotriacontane (C32)

R.T.: 18.675 min
Delta R.T.: -0.017 min
Response: 3816911
Conc: 38.52 ug/ml



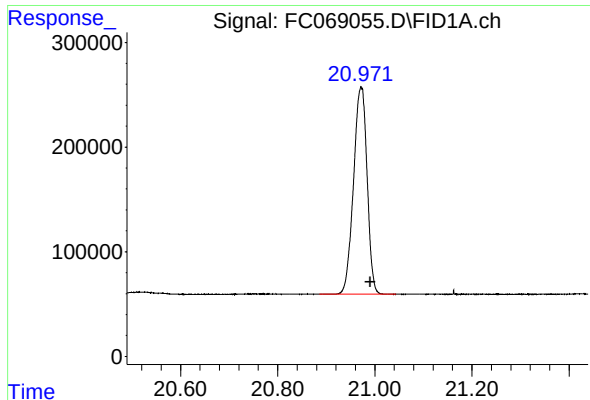
#19 n-Tetatriacontane (C34)

R.T.: 19.461 min
Delta R.T.: -0.015 min
Response: 3966417
Conc: 41.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.202 min
Delta R.T.: -0.016 min
Response: 3866337
Conc: 40.73 ug/ml



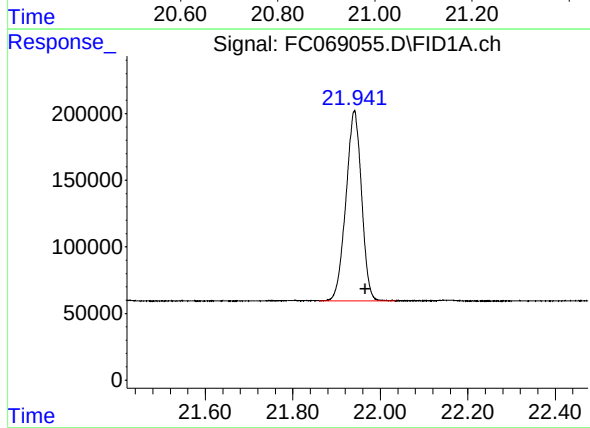
#21 n-Octatriacontane (C38)

R.T.: 20.972 min
Delta R.T.: -0.019 min
Response: 3831318
Conc: 41.99 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168231BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/03/2025
Supervised By :mohammad ahmed 06/04/2025



#22 n-Tetracontane (C40)

R.T.: 21.941 min
Delta R.T.: -0.024 min
Response: 3546219
Conc: 40.19 ug/ml m