

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061125AL\
 Data File : FC069159.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 17:57
 Operator : YP/AJ
 Sample : PB168408BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168408BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
 Quant Time: Jun 12 06:04:56 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			
12) S 1-chlorooctadecane (S...	13.115	3465185	38.625 ug/ml
Spiked Amount 50.000		Recovery =	77.25%
Target Compounds			
1) T n-Nonane (C9)	3.406	2259686	21.293 ug/ml
2) T n-Decane (C10)	4.480	2725623	25.736 ug/ml
4) T n-Dodecane (C12)	6.506	3002002	28.557 ug/ml
6) T n-Tetradecane (C14)	8.305	3089908	30.144 ug/ml
7) T n-Hexadecane (C16)	9.910	3261116	32.140 ug/ml
8) T n-Octadecane (C18)	11.355	3332929	33.348 ug/mlm
10) T n-Eicosane (C20)	12.668	3588430	36.843 ug/ml
11) T n-Heneicosane (C21)	13.282	3526278	36.636 ug/ml
13) T n-Docosane (C22)	13.869	3548367	37.246 ug/ml
14) T n-Tetracosane (C24)	14.974	3595477	38.188 ug/ml
15) T n-Hexacosane (C26)	15.999	3569762	38.450 ug/ml
16) T n-Octacosane (C28)	16.950	3570341	38.410 ug/ml
17) T n-Tricontane (C30)	17.840	3651998	37.744 ug/ml
18) T n-Dotriacontane (C32)	18.674	3697035	37.307 ug/ml
19) T n-Tetratriacontane (C34)	19.461	3735390	38.757 ug/ml
20) T n-Hexatriacontane (C36)	20.202	3662913	38.586 ug/ml
21) T n-Octatriacontane (C38)	20.972	3539927	38.800 ug/ml
22) T n-Tetracontane (C40)	21.941	3141718	35.606 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061125AL\
Data File : FC069159.D
Signal(s) : FID1A.ch
Acq On : 11 Jun 2025 17:57
Operator : YP/AJ
Sample : PB168408BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

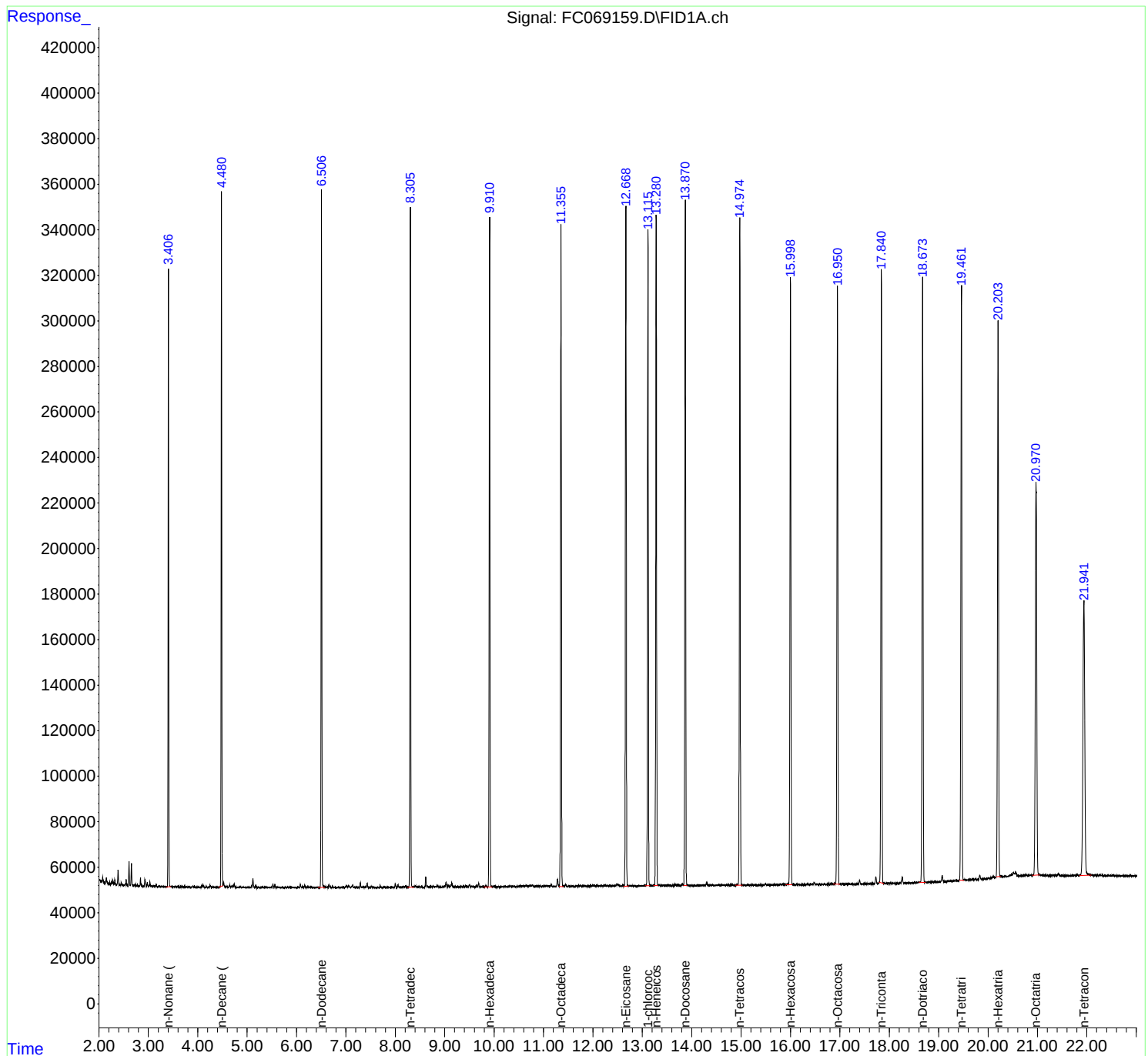
Instrument :
FID_C
ClientSampleId :
PB168408BSD

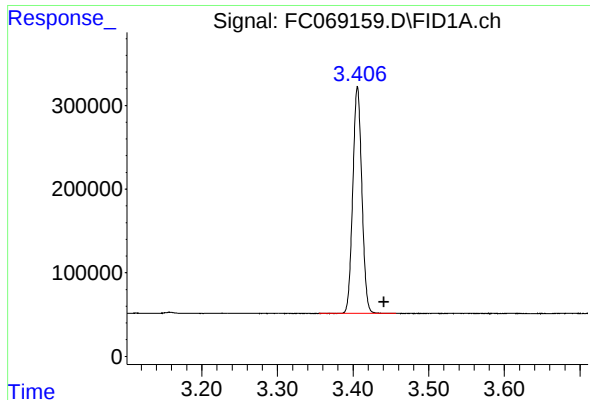
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
Quant Time: Jun 12 06:04:56 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





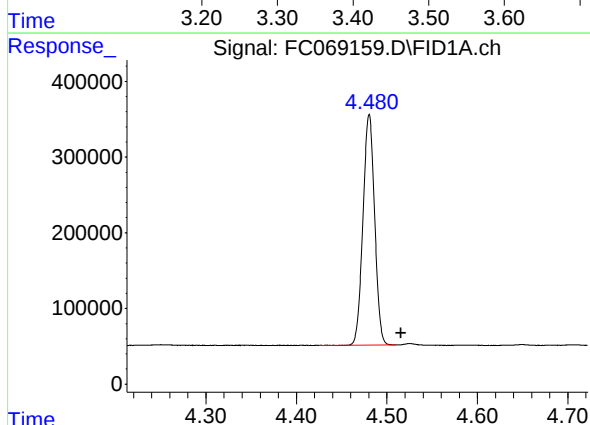
#1 n-Nonane (C9)

R.T.: 3.406 min
Delta R.T.: -0.035 min
Response: 2259686
Conc: 21.29 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168408BSD

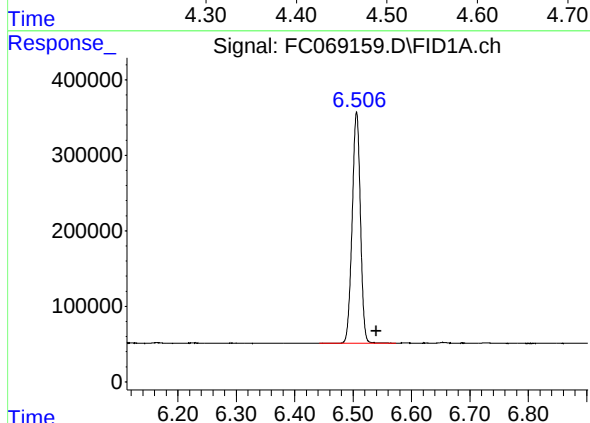
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



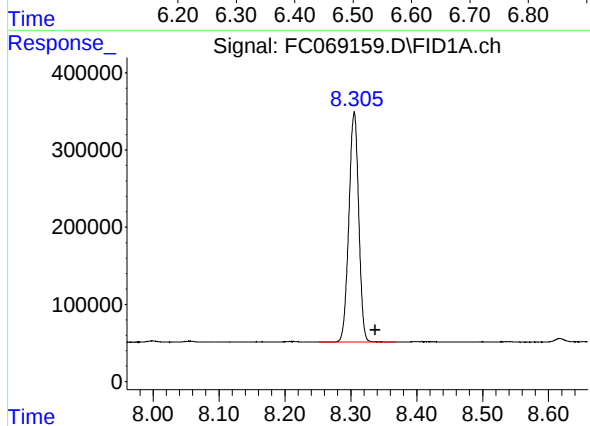
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.035 min
Response: 2725623
Conc: 25.74 ug/ml



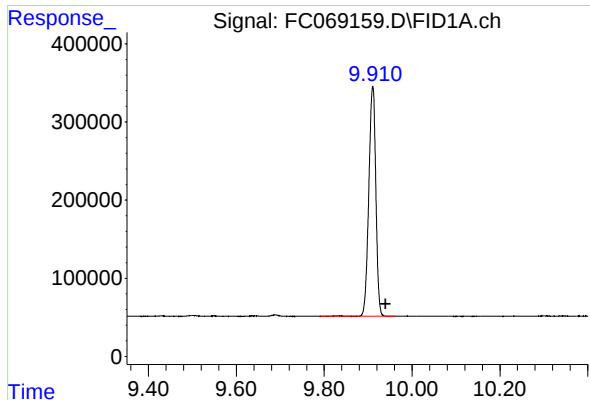
#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: -0.034 min
Response: 3002002
Conc: 28.56 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: -0.032 min
Response: 3089908
Conc: 30.14 ug/ml



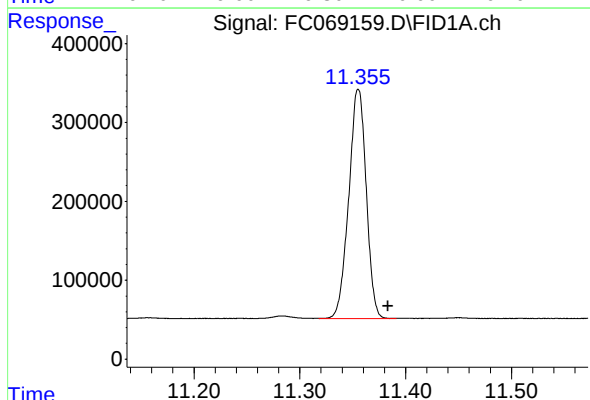
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: -0.030 min
Response: 3261116
Conc: 32.14 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168408BSD

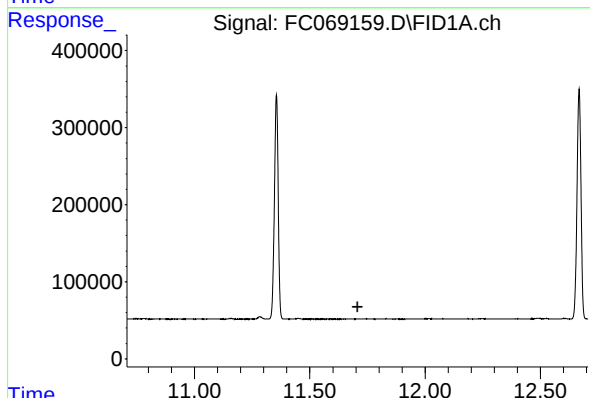
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



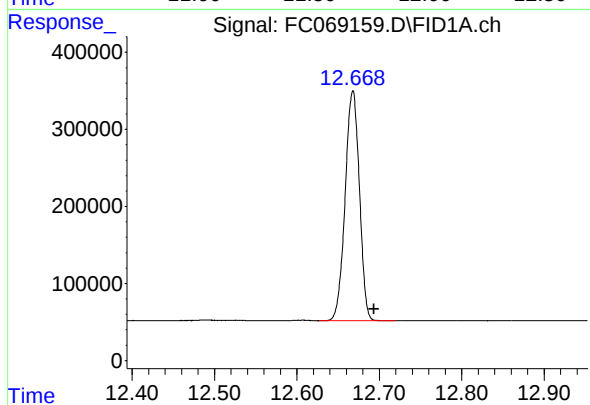
#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: -0.028 min
Response: 3332929
Conc: 33.35 ug/ml m



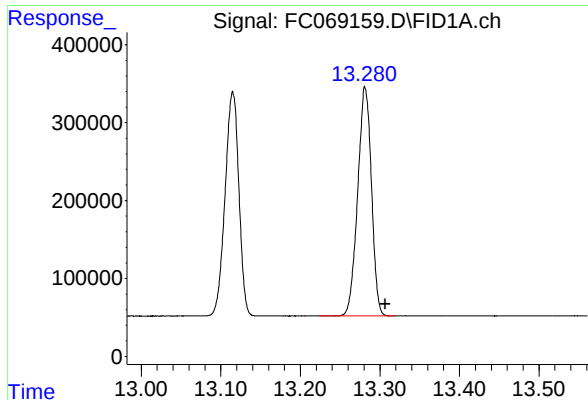
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.707 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.026 min
Response: 3588430
Conc: 36.84 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: -0.025 min
Response: 3526278
Conc: 36.64 ug/ml

Instrument :

FID_C

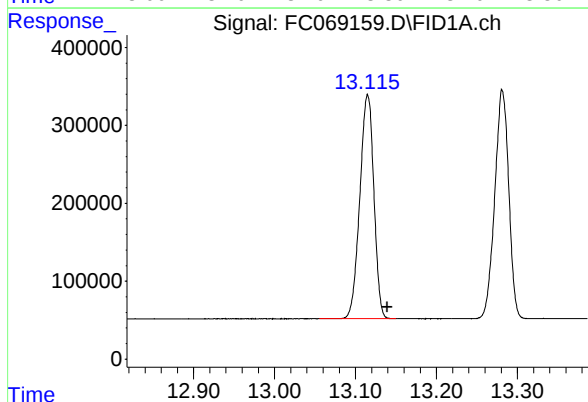
ClientSampleId :

PB168408BSD

Manual Integrations

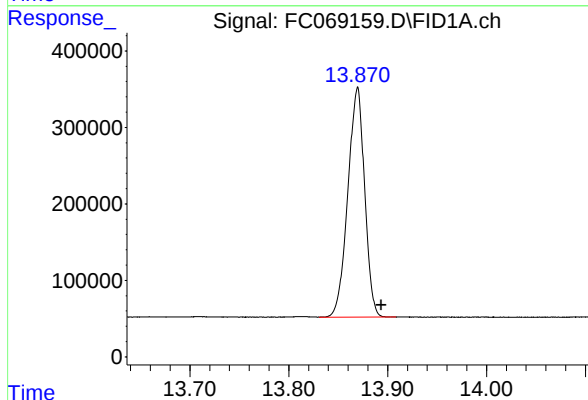
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



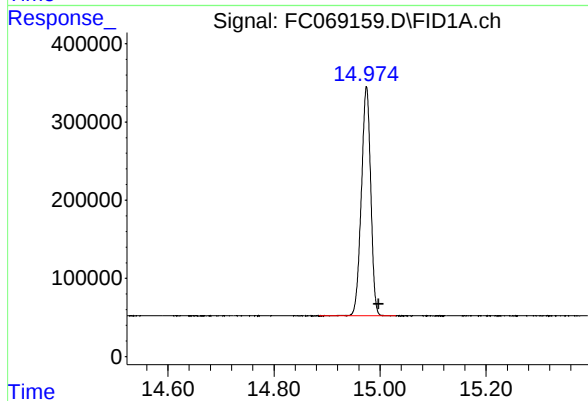
#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: -0.024 min
Response: 3465185
Conc: 38.62 ug/ml



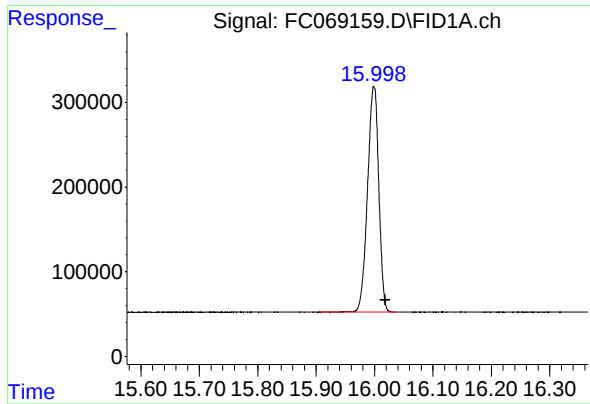
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: -0.024 min
Response: 3548367
Conc: 37.25 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: -0.023 min
Response: 3595477
Conc: 38.19 ug/ml



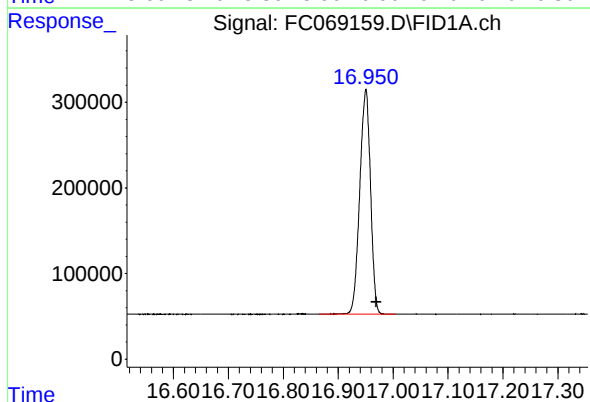
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: -0.020 min
Response: 3569762
Conc: 38.45 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168408BSD

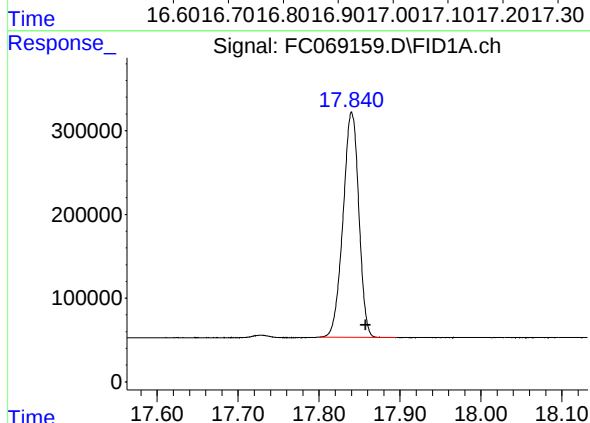
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



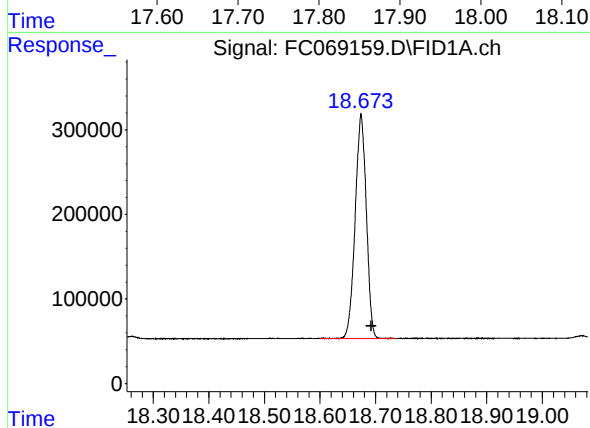
#16 n-Octacosane (C28)

R.T.: 16.950 min
Delta R.T.: -0.020 min
Response: 3570341
Conc: 38.41 ug/ml



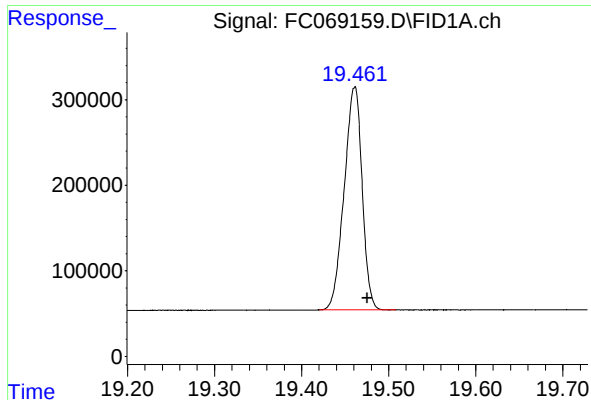
#17 n-Tricontane (C30)

R.T.: 17.840 min
Delta R.T.: -0.017 min
Response: 3651998
Conc: 37.74 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.674 min
Delta R.T.: -0.018 min
Response: 3697035
Conc: 37.31 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.461 min
Delta R.T.: -0.015 min
Response: 3735390
Conc: 38.76 ug/ml

Instrument :

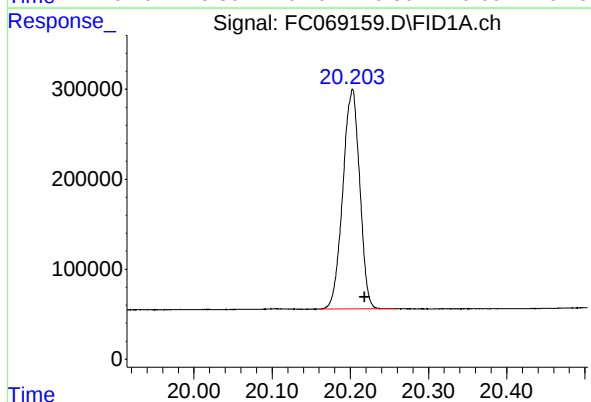
FID_C

ClientSampleId :

PB168408BSD

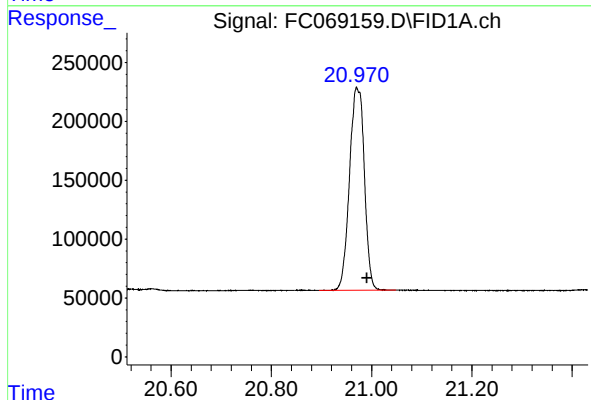
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



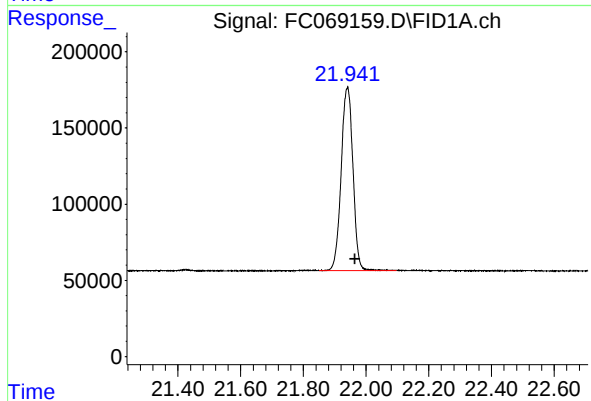
#20 n-Hexatriacontane (C36)

R.T.: 20.202 min
Delta R.T.: -0.016 min
Response: 3662913
Conc: 38.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.972 min
Delta R.T.: -0.019 min
Response: 3539927
Conc: 38.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.941 min
Delta R.T.: -0.024 min
Response: 3141718
Conc: 35.61 ug/ml m