

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
 Data File : FC069357.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jul 2025 17:37
 Operator : YP/AJ
 Sample : PB168702BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168702BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File: autoint1.e
 Quant Time: Jul 03 02:11:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.678	6323173	36.601 ug/ml
Spiked Amount 50.000		Recovery =	73.20%
12) S 1-chlorooctadecane (S...	13.113	4959307	37.961 ug/ml
Spiked Amount 50.000		Recovery =	75.92%
Target Compounds			
1) T n-Nonane (C9)	3.416	5128019	36.057 ug/ml
2) T n-Decane (C10)	4.484	5430472	37.095 ug/ml
3) T A~Naphthalene (C11.7)	6.076	6793488	42.223 ug/ml
4) T n-Dodecane (C12)	6.506	5795356	38.272 ug/ml
5) T A~2-methylnaphthalene...	7.135	6559443	41.450 ug/ml
6) T n-Tetradecane (C14)	8.307	6204330	40.027 ug/ml
7) T n-Hexadecane (C16)	9.910	6427157	39.330 ug/ml
8) T n-Octadecane (C18)	11.356	6337285	38.815 ug/ml
10) T n-Eicosane (C20)	12.668	6329060	41.464 ug/ml
11) T n-Heneicosane (C21)	13.281	5976266	40.547 ug/ml
13) T n-Docosane (C22)	13.868	5822204	40.465 ug/ml
14) T n-Tetracosane (C24)	14.967	11360581	82.364 ug/ml
15) T n-Hexacosane (C26)	15.999	5272563	40.334 ug/ml
16) T n-Octacosane (C28)	16.947	5021471	40.716 ug/ml
17) T n-Tricontane (C30)	17.838	4866793	40.937 ug/ml
18) T n-Dotriacontane (C32)	18.670	4703571	43.019 ug/ml
19) T n-Tetratriacontane (C34)	19.455	4824256	49.958 ug/ml
20) T n-Hexatriacontane (C36)	20.197	4566616	55.412 ug/ml
21) T n-Octatriacontane (C38)	20.965	4561655	61.041 ug/ml
22) T n-Tetracontane (C40)	21.933	4397072	62.091 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069357.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 17:37
Operator : YP/AJ
Sample : PB168702BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

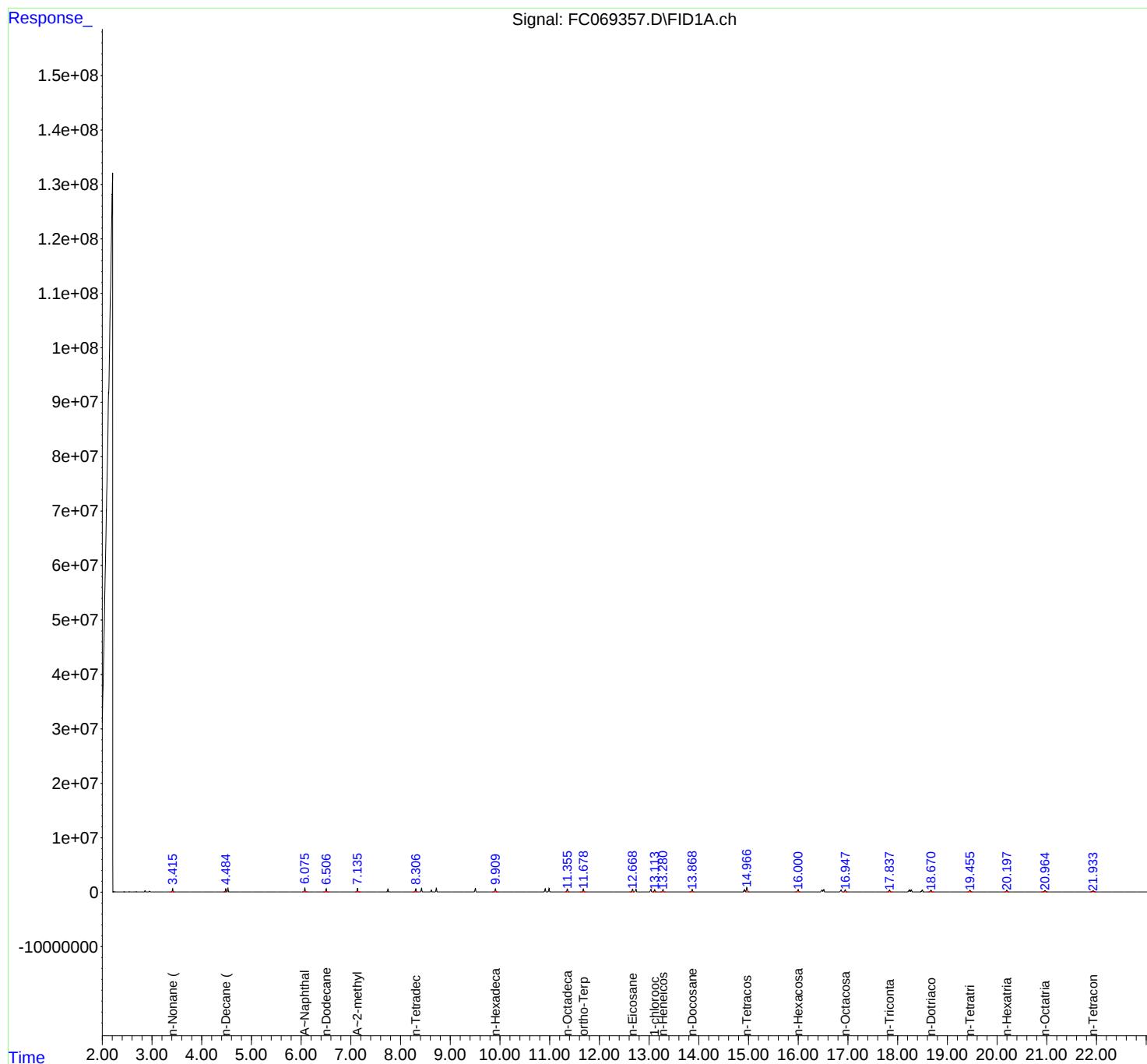
Instrument :
FID_C
ClientSampleId :
PB168702BS

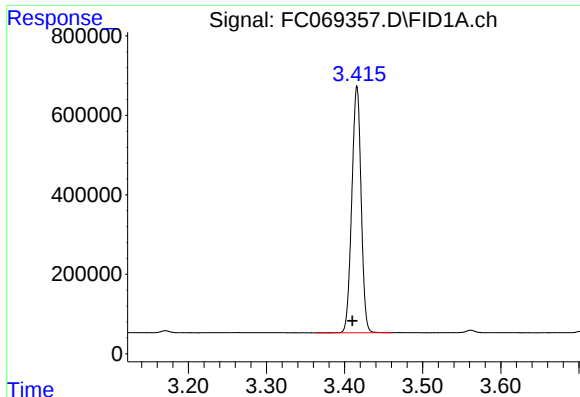
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Integration File: autoint1.e
Quant Time: Jul 03 02:11:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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





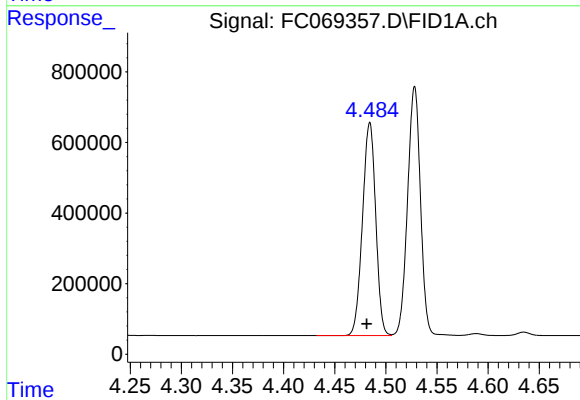
#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: 0.006 min
Response: 5128019
Conc: 36.06 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168702BS

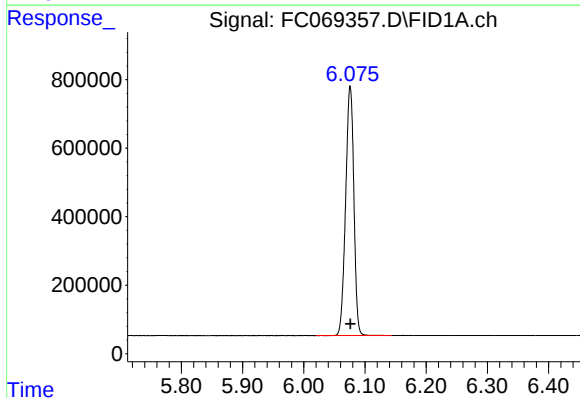
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025



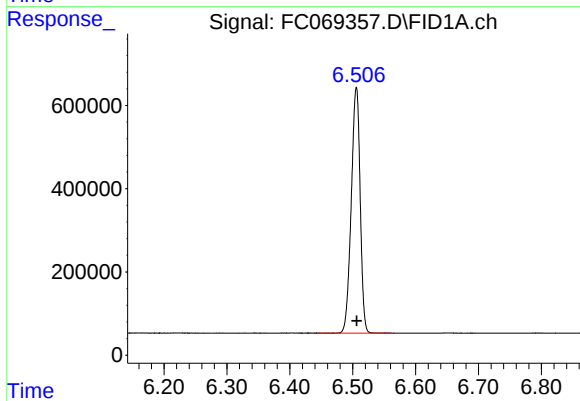
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: 0.003 min
Response: 5430472
Conc: 37.09 ug/ml



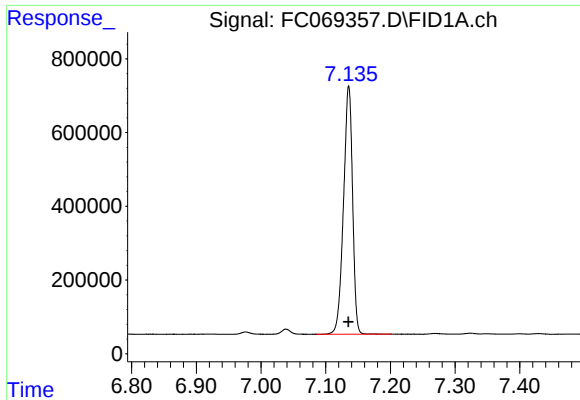
#3 A~Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 6793488
Conc: 42.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 5795356
Conc: 38.27 ug/ml



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

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 6559443
Conc: 41.45 ug/ml

Instrument :

FID_C

ClientSampleId :

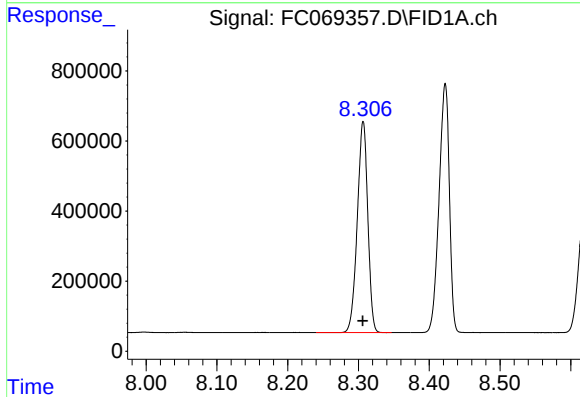
PB168702BS

Manual Integrations

APPROVED

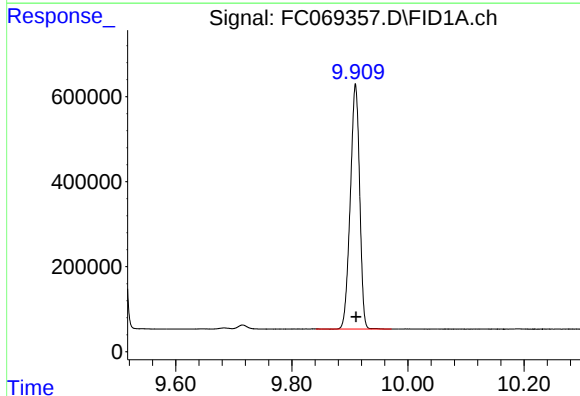
Reviewed By :Yogesh Patel 07/03/2025

Supervised By :mohammad ahmed 07/04/2025



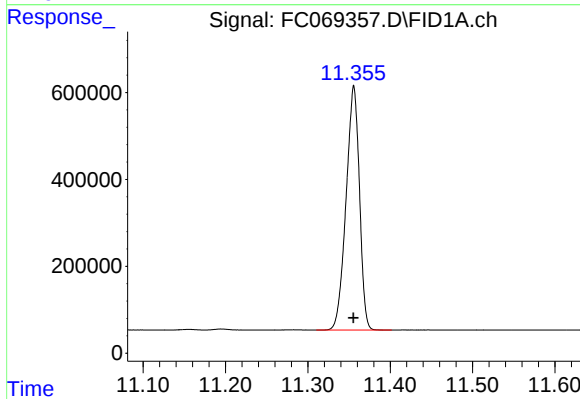
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 6204330
Conc: 40.03 ug/ml



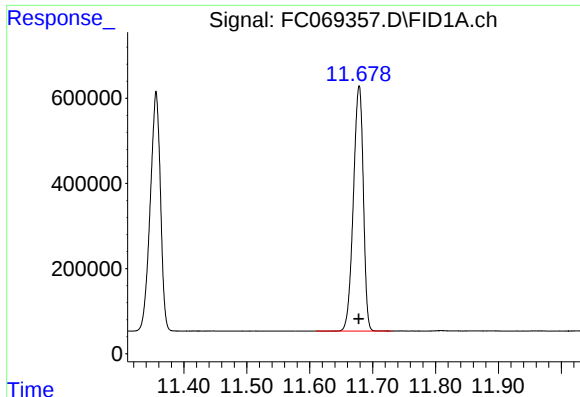
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: 0.000 min
Response: 6427157
Conc: 39.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 6337285
Conc: 38.81 ug/ml



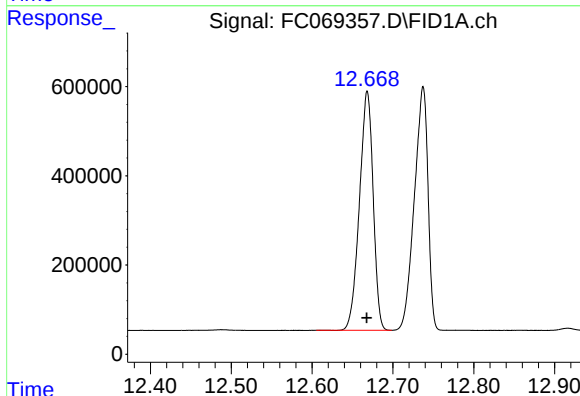
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 6323173
Conc: 36.60 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168702BS

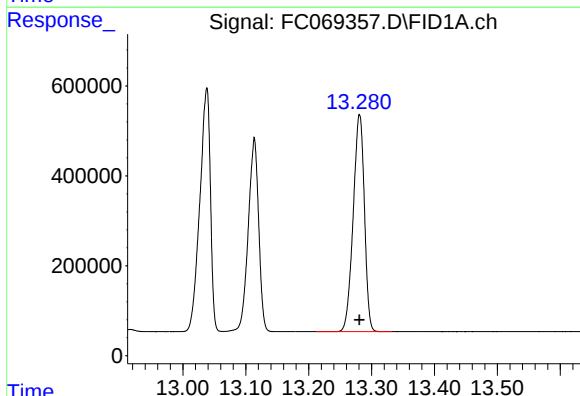
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025



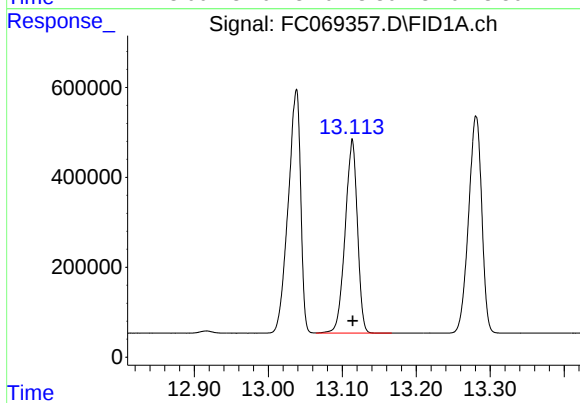
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: 0.000 min
Response: 6329060
Conc: 41.46 ug/ml



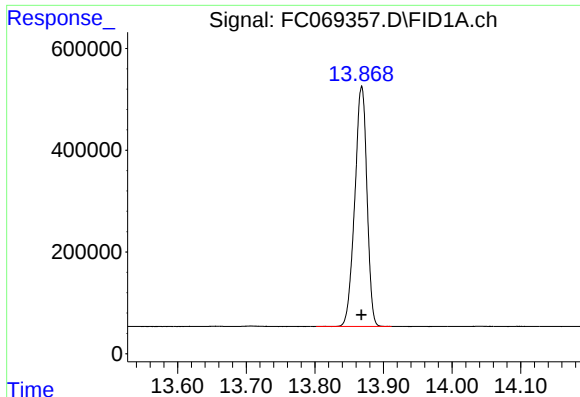
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: 0.000 min
Response: 5976266
Conc: 40.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min
Delta R.T.: 0.000 min
Response: 4959307
Conc: 37.96 ug/ml



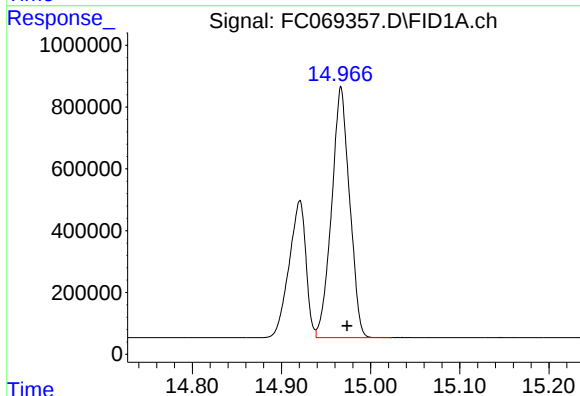
#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: 0.000 min
Response: 5822204
Conc: 40.47 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168702BS

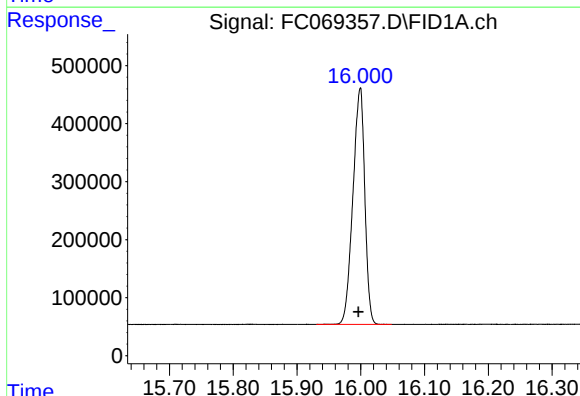
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025



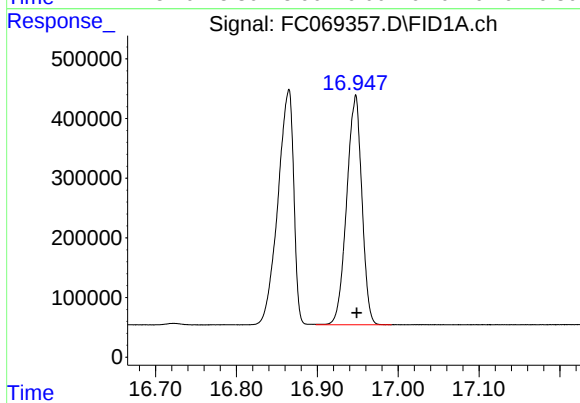
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.007 min
Response: 11360581
Conc: 82.36 ug/ml



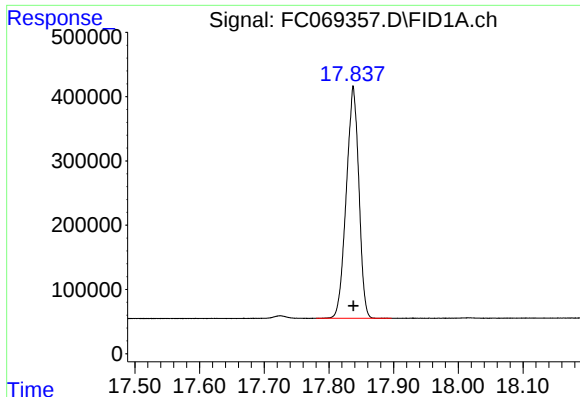
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: 0.002 min
Response: 5272563
Conc: 40.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.947 min
Delta R.T.: -0.002 min
Response: 5021471
Conc: 40.72 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.838 min
Delta R.T.: 0.000 min
Response: 4866793
Conc: 40.94 ug/ml

Instrument :

FID_C

ClientSampleId :

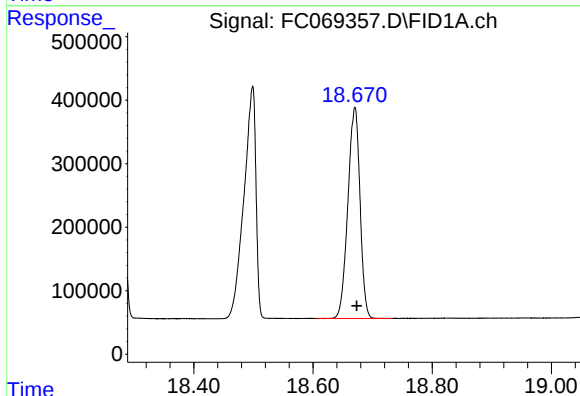
PB168702BS

Manual Integrations

APPROVED

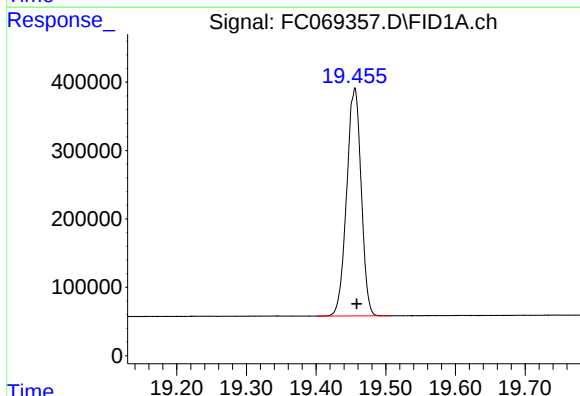
Reviewed By :Yogesh Patel 07/03/2025

Supervised By :mohammad ahmed 07/04/2025



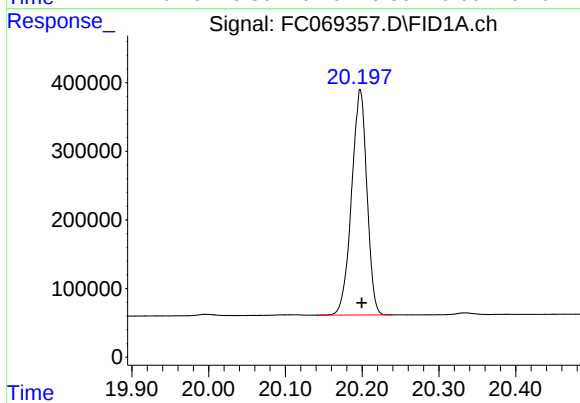
#18 n-Dotriacontane (C32)

R.T.: 18.670 min
Delta R.T.: -0.003 min
Response: 4703571
Conc: 43.02 ug/ml



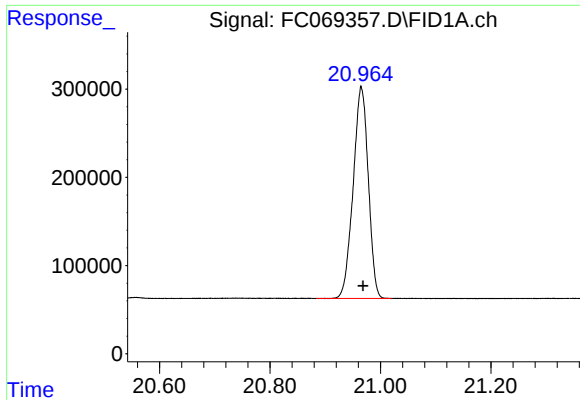
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min
Delta R.T.: -0.003 min
Response: 4824256
Conc: 49.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.197 min
Delta R.T.: -0.002 min
Response: 4566616
Conc: 55.41 ug/ml



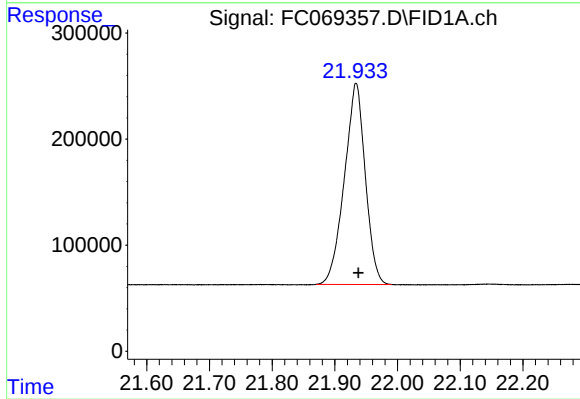
#21 n-Octatriacontane (C38)

R.T.: 20.965 min
Delta R.T.: -0.003 min
Response: 4561655
Conc: 61.04 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168702BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025



#22 n-Tetracontane (C40)

R.T.: 21.933 min
Delta R.T.: -0.004 min
Response: 4397072
Conc: 62.09 ug/ml m