

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060625AL\
 Data File : FC069113.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2025 14:51
 Operator : YP/AJ
 Sample : PB168308BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168308BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2025
 Supervised By :mohammad ahmed 06/10/2025

Integration File: autoint1.e
 Quant Time: Jun 07 02:41:21 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)	11.680	5005420	40.581 ug/ml
Spiked Amount 50.000		Recovery =	81.16%
12) S 1-chlorooctadecane (S...	13.116	3868970	43.126 ug/ml
Spiked Amount 50.000		Recovery =	86.25%
Target Compounds			
1) T n-Nonane (C9)	3.414	4770573	44.953 ug/ml
2) T n-Decane (C10)	4.485	5071378	47.885 ug/mlm
3) T A~Naphthalene (C11.7)	6.076	6015219	52.019 ug/ml
4) T n-Dodecane (C12)	6.507	5195101	49.420 ug/ml
5) T A~2-methylnaphthalene...	7.136	5547550	48.933 ug/ml
6) T n-Tetradecane (C14)	8.308	5097805	49.733 ug/ml
7) T n-Hexadecane (C16)	9.912	5050575	49.775 ug/ml
8) T n-Octadecane (C18)	11.358	4880878	48.836 ug/ml
10) T n-Eicosane (C20)	12.671	4983719	51.169 ug/ml
11) T n-Heneicosane (C21)	13.284	4772704	49.585 ug/ml
13) T n-Docosane (C22)	13.871	4721264	49.557 ug/ml
14) T n-Tetracosane (C24)	14.967	10054646	106.791 ug/ml
15) T n-Hexacosane (C26)	16.003	4637088	49.946 ug/ml
16) T n-Octacosane (C28)	16.953	4645393	49.976 ug/ml
17) T n-Tricontane (C30)	17.844	4641398	47.969 ug/ml
18) T n-Dotriacontane (C32)	18.678	4660628	47.030 ug/ml
19) T n-Tetratriacontane (C34)	19.464	4858708	50.412 ug/ml
20) T n-Hexatriacontane (C36)	20.206	4768563	50.233 ug/ml
21) T n-Octatriacontane (C38)	20.977	4843462	53.088 ug/ml
22) T n-Tetracontane (C40)	21.945	4699823	53.265 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060625AL\
Data File : FC069113.D
Signal(s) : FID1A.ch
Acq On : 06 Jun 2025 14:51
Operator : YP/AJ
Sample : PB168308BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

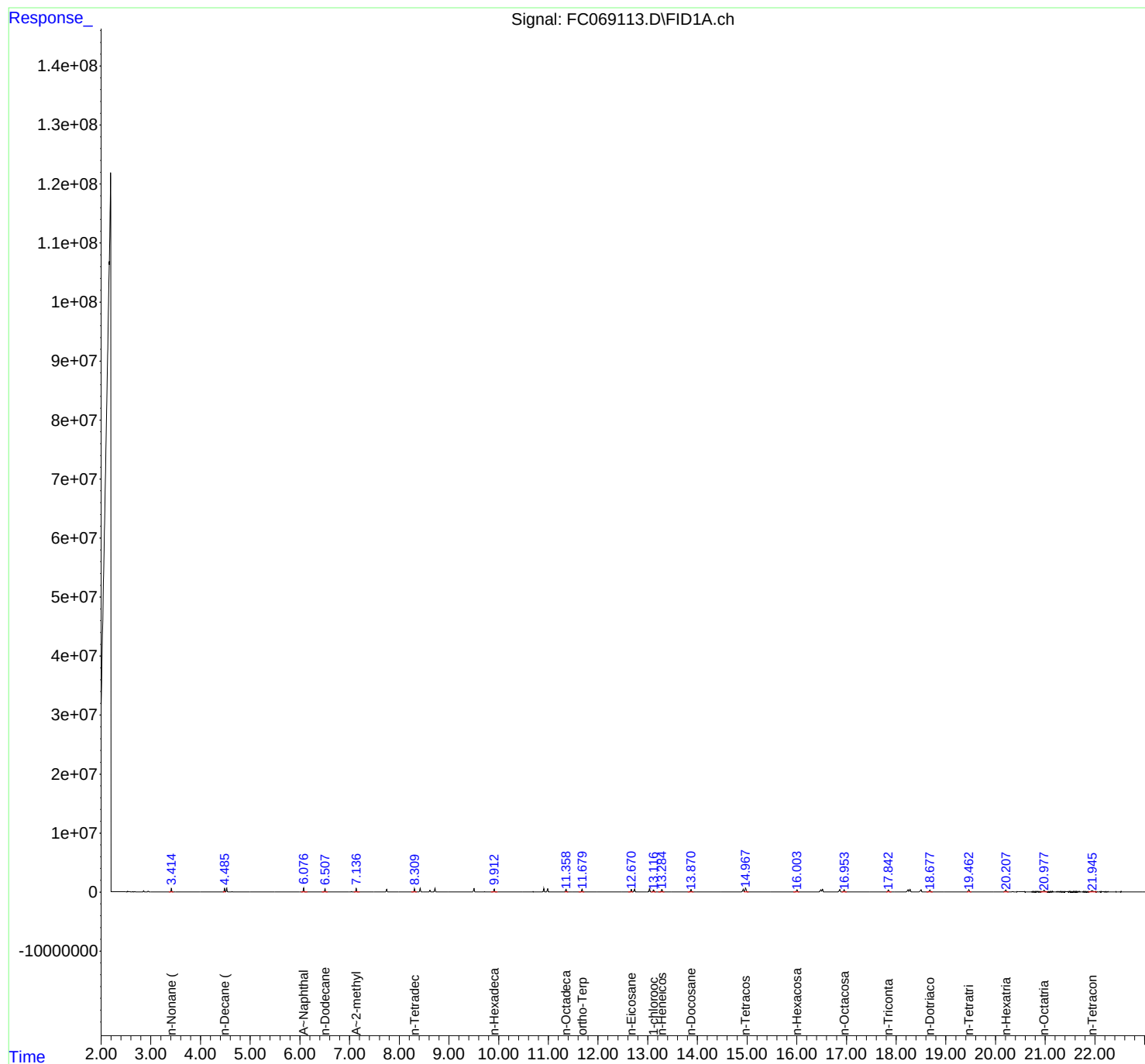
Instrument :
FID_C
ClientSampleId :
PB168308BSD

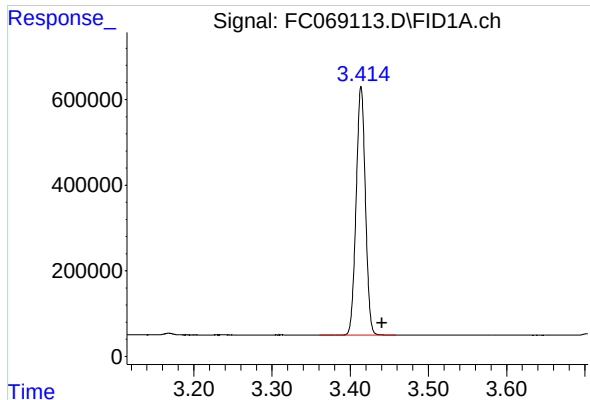
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/09/2025
Supervised By :mohammad ahmed 06/10/2025

Integration File: autoint1.e
Quant Time: Jun 07 02:41:21 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.: 3.414 min
Delta R.T.: -0.027 min
Response: 4770573
Conc: 44.95 ug/ml

Instrument :

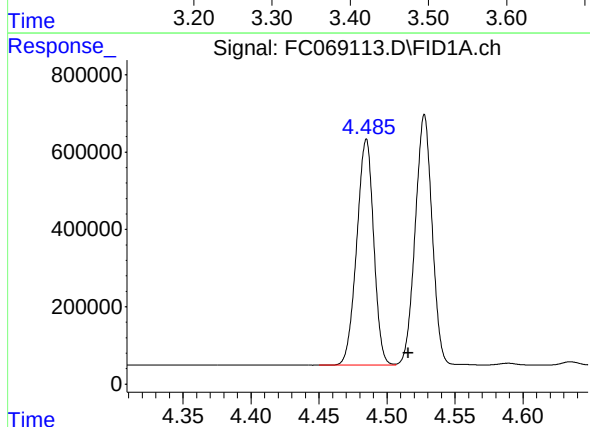
FID_C

ClientSampleId :

PB168308BSD

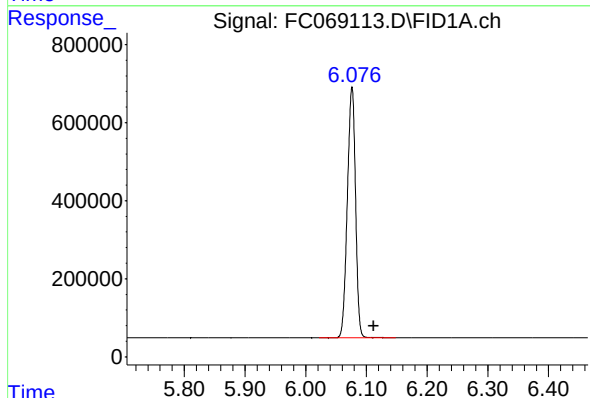
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



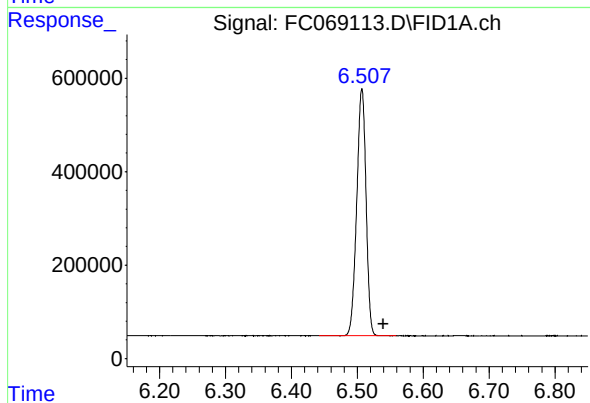
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.031 min
Response: 5071378
Conc: 47.89 ug/ml



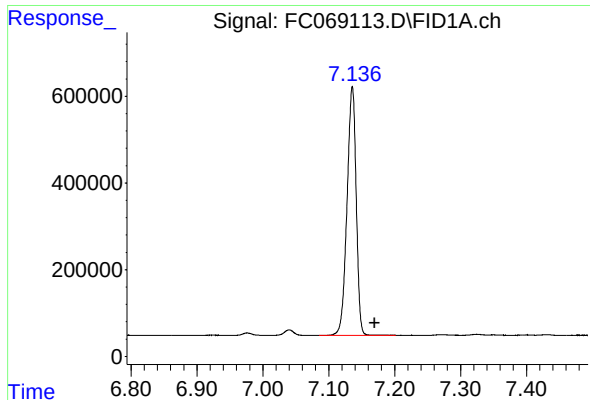
#3 A~Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: -0.036 min
Response: 6015219
Conc: 52.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.033 min
Response: 5195101
Conc: 49.42 ug/ml



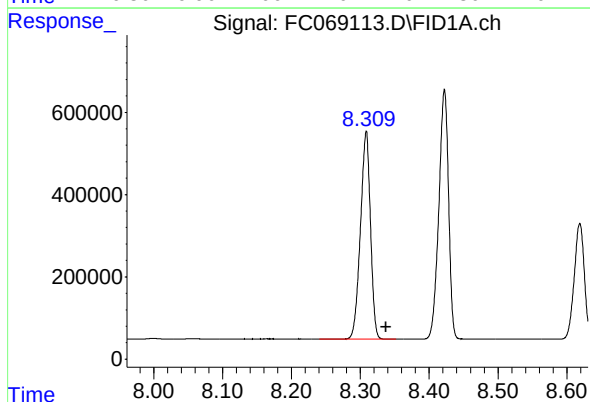
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.136 min
Delta R.T.: -0.034 min
Response: 5547550
Conc: 48.93 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168308BSD

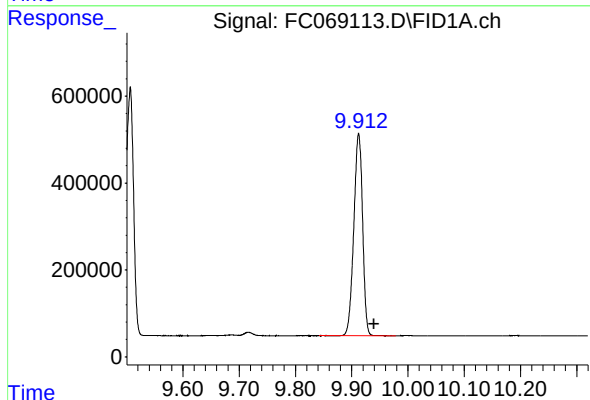
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



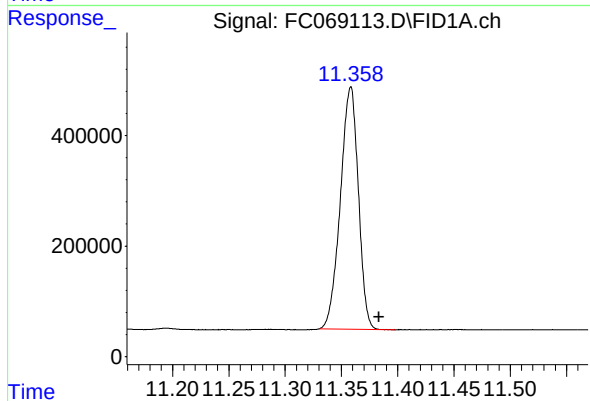
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: -0.029 min
Response: 5097805
Conc: 49.73 ug/ml



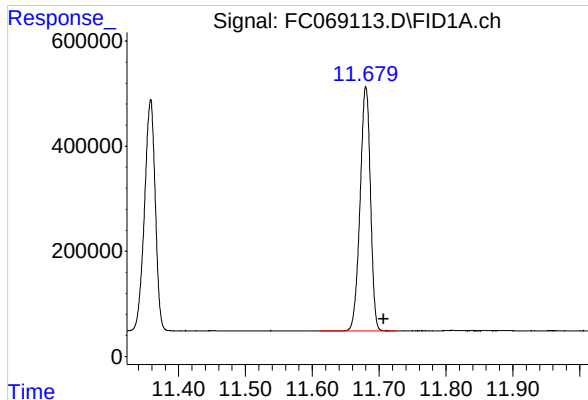
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.028 min
Response: 5050575
Conc: 49.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: -0.025 min
Response: 4880878
Conc: 48.84 ug/ml



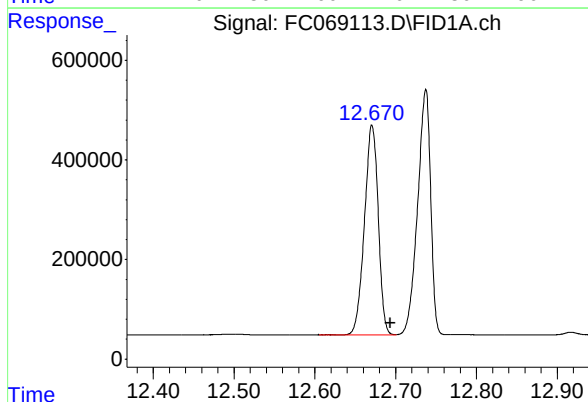
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: -0.027 min
Response: 5005420
Conc: 40.58 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168308BSD

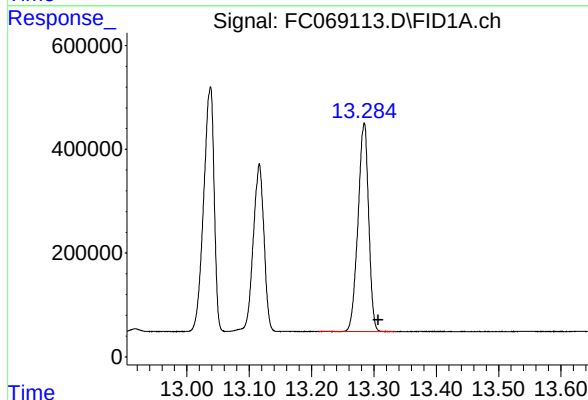
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



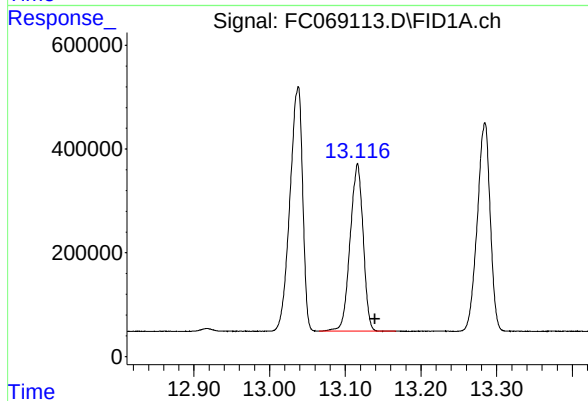
#10 n-Eicosane (C20)

R.T.: 12.671 min
Delta R.T.: -0.023 min
Response: 4983719
Conc: 51.17 ug/ml



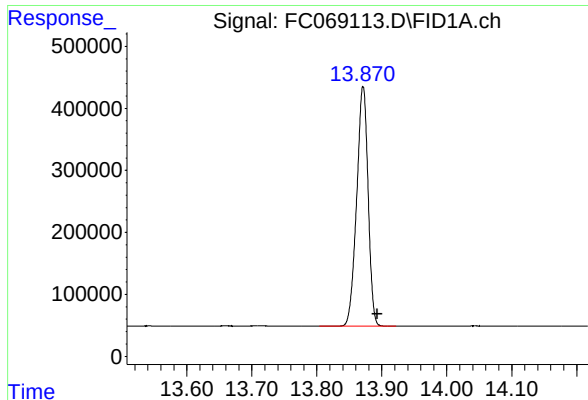
#11 n-Heneicosane (C21)

R.T.: 13.284 min
Delta R.T.: -0.023 min
Response: 4772704
Conc: 49.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min
Delta R.T.: -0.023 min
Response: 3868970
Conc: 43.13 ug/ml



#13 n-Docosane (C22)

R.T.: 13.871 min
Delta R.T.: -0.022 min
Response: 4721264
Conc: 49.56 ug/ml

Instrument :

FID_C

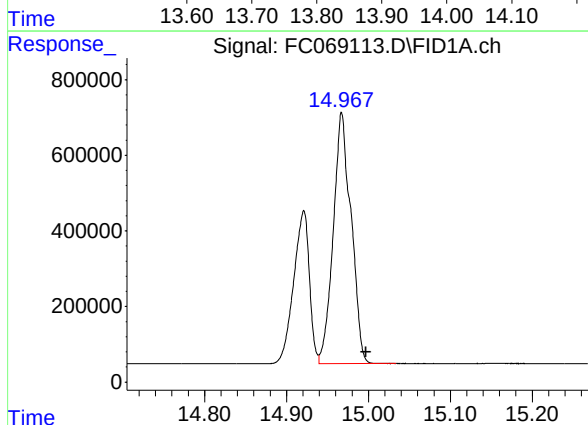
ClientSampleId :

PB168308BSD

Manual Integrations

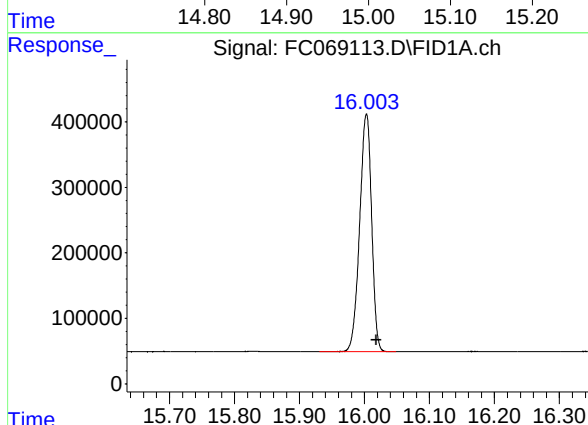
APPROVED

Reviewed By :Yogesh Patel 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



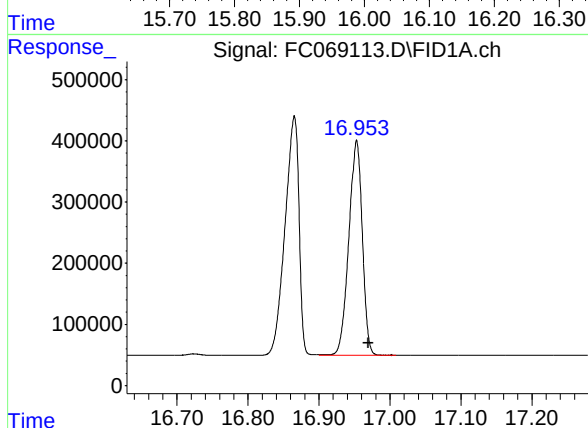
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.030 min
Response: 10054646
Conc: 106.79 ug/ml



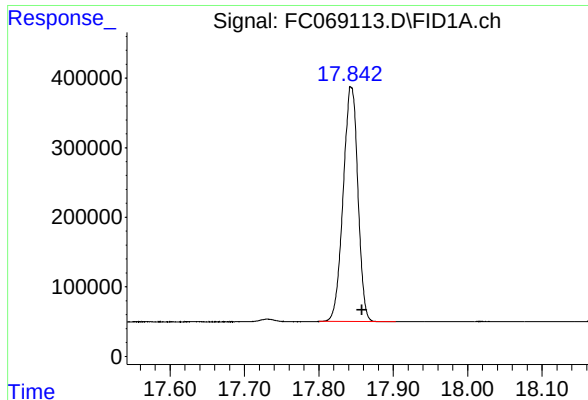
#15 n-Hexacosane (C26)

R.T.: 16.003 min
Delta R.T.: -0.016 min
Response: 4637088
Conc: 49.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.953 min
Delta R.T.: -0.017 min
Response: 4645393
Conc: 49.98 ug/ml



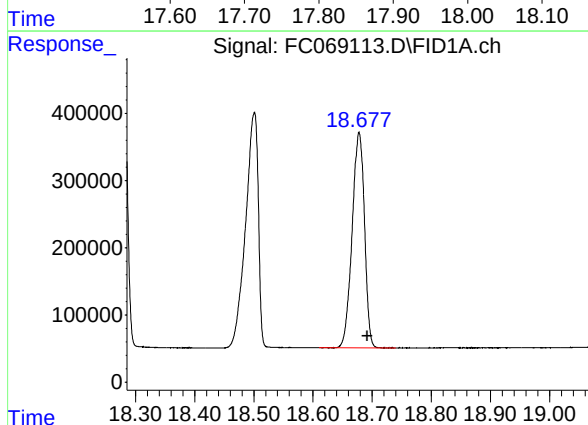
#17 n-Tricontane (C30)

R.T.: 17.844 min
Delta R.T.: -0.014 min
Response: 4641398
Conc: 47.97 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168308BSD

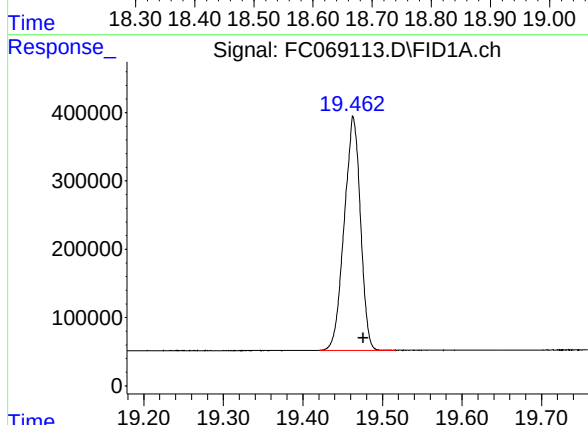
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



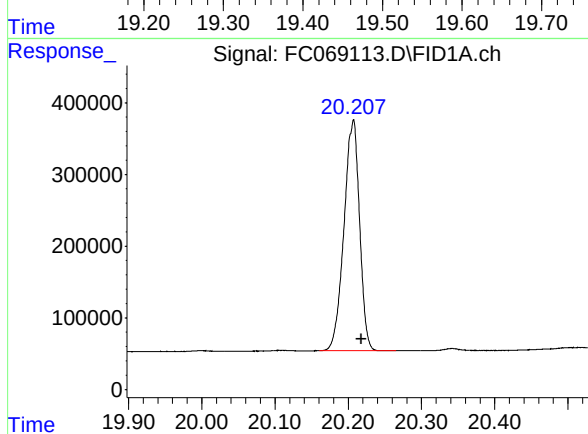
#18 n-Dotriacontane (C32)

R.T.: 18.678 min
Delta R.T.: -0.014 min
Response: 4660628
Conc: 47.03 ug/ml



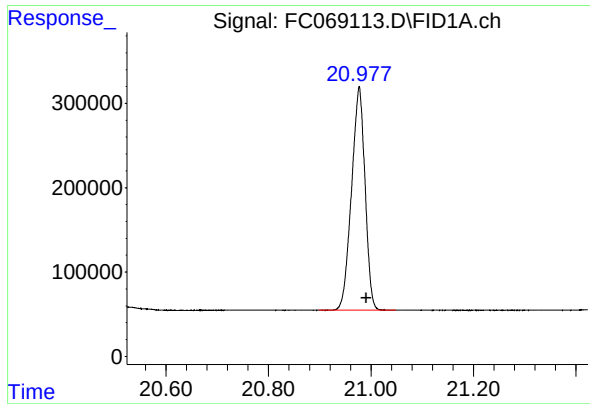
#19 n-Tetratriacontane (C34)

R.T.: 19.464 min
Delta R.T.: -0.012 min
Response: 4858708
Conc: 50.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.206 min
Delta R.T.: -0.012 min
Response: 4768563
Conc: 50.23 ug/ml



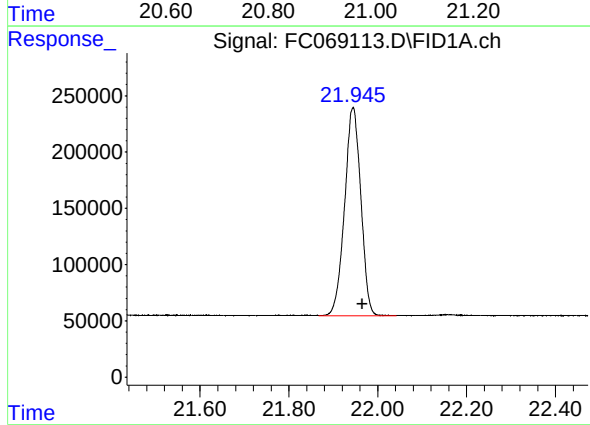
#21 n-Octatriacontane (C38)

R.T.: 20.977 min
Delta R.T.: -0.014 min
Response: 4843462
Conc: 53.09 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168308BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



#22 n-Tetracontane (C40)

R.T.: 21.945 min
Delta R.T.: -0.020 min
Response: 4699823
Conc: 53.26 ug/ml m