

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072325AL\
 Data File : FC069515.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jul 2025 20:15
 Operator : YP/AJ
 Sample : Q2674-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TR-04-072225MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2025
 Supervised By :mohammad ahmed 07/25/2025

Integration File: autoint1.e
 Quant Time: Jul 24 01:30:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.673	4371673	29.458 ug/mlm
Spiked Amount 50.000		Recovery =	58.92%
12) S 1-chlorooctadecane (S...	13.109	3486437	30.851 ug/ml
Spiked Amount 50.000		Recovery =	61.70%
Target Compounds			
1) T n-Nonane (C9)	3.406	3657005	26.874 ug/ml
2) T n-Decane (C10)	4.478	4230862	30.398 ug/ml
3) T A~Naphthalene (C11.7)	6.073	5093942	33.710 ug/ml
4) T n-Dodecane (C12)	6.503	5226021	36.871 ug/ml
5) T A~2-methylnaphthalene...	7.133	5445680	37.275 ug/ml
6) T n-Tetradecane (C14)	8.304	6314330	44.409 ug/ml
7) T n-Hexadecane (C16)	9.908	6742369	46.192 ug/ml
8) T n-Octadecane (C18)	11.353	6233624	43.335 ug/ml
10) T n-Eicosane (C20)	12.665	5908510	44.011 ug/ml
11) T n-Heneicosane (C21)	13.277	5373357	41.368 ug/ml
13) T n-Docosane (C22)	13.864	5069264	39.912 ug/ml
14) T n-Tetracosane (C24)	14.963	9046624	74.121 ug/ml
15) T n-Hexacosane (C26)	15.993	4538694	39.066 ug/ml
16) T n-Octacosane (C28)	16.944	4484236	40.503 ug/ml
17) T n-Tricontane (C30)	17.835	4391727	40.107 ug/ml
18) T n-Dotriacontane (C32)	18.669	4574191	44.080 ug/mlm
19) T n-Tetratriacontane (C34)	19.454	4592362	48.737 ug/mlm
20) T n-Hexatriacontane (C36)	20.198	4523173	54.761 ug/mlm
21) T n-Octatriacontane (C38)	20.967	4578207	60.276 ug/mlm
22) T n-Tetracontane (C40)	21.939	4276303	58.381 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072325AL\
Data File : FC069515.D
Signal(s) : FID1A.ch
Acq On : 23 Jul 2025 20:15
Operator : YP/AJ
Sample : Q2674-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

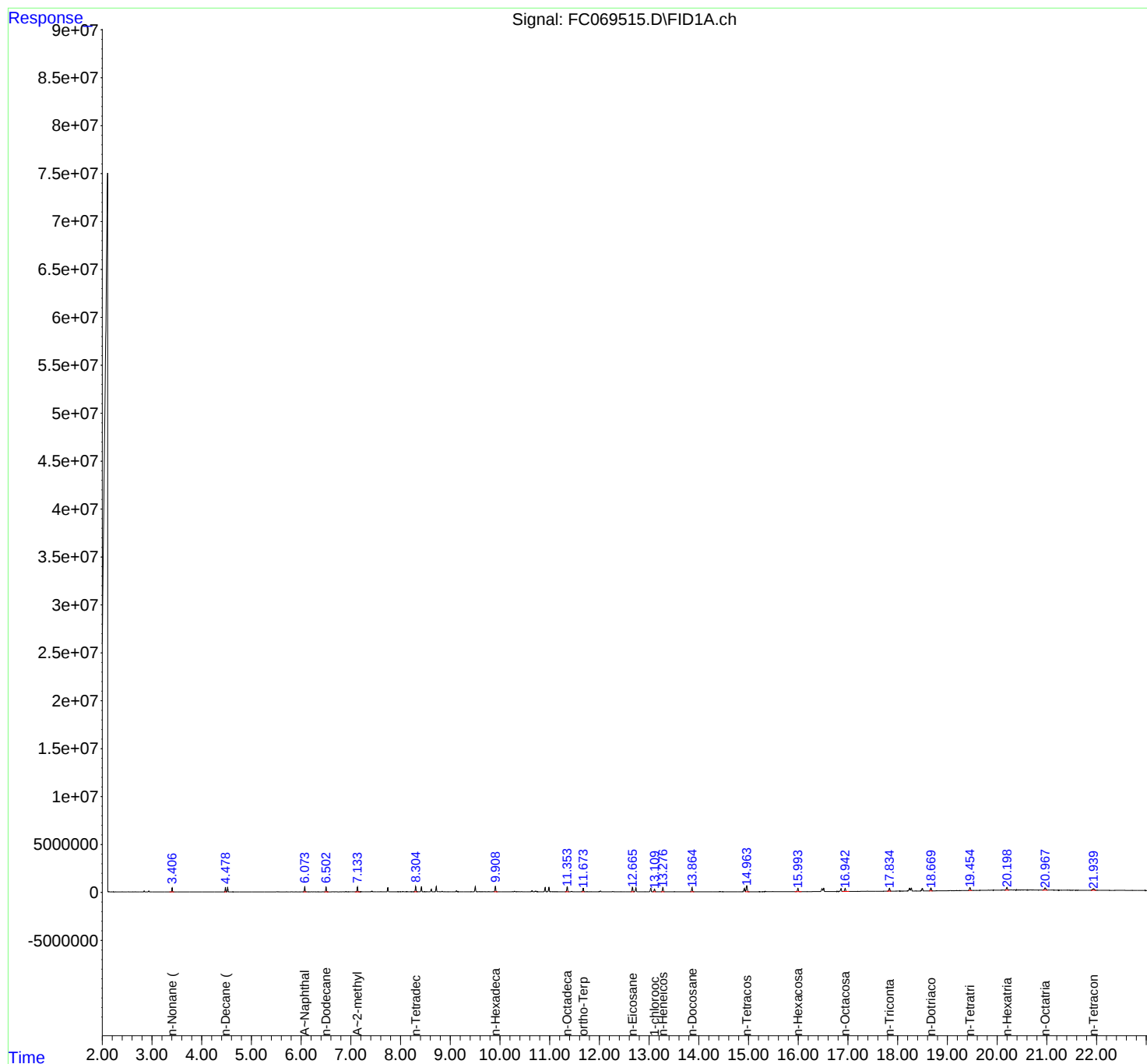
Instrument :
FID_C
ClientSampleId :
TR-04-072225MSD

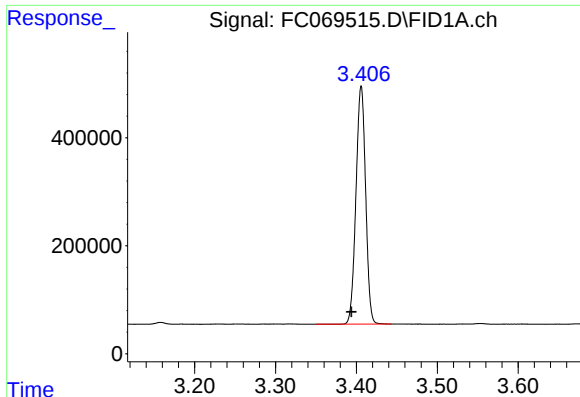
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

Integration File: autoint1.e
Quant Time: Jul 24 01:30:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:35:59 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.: 0.012 min
Response: 3657005
Conc: 26.87 ug/ml

Instrument :

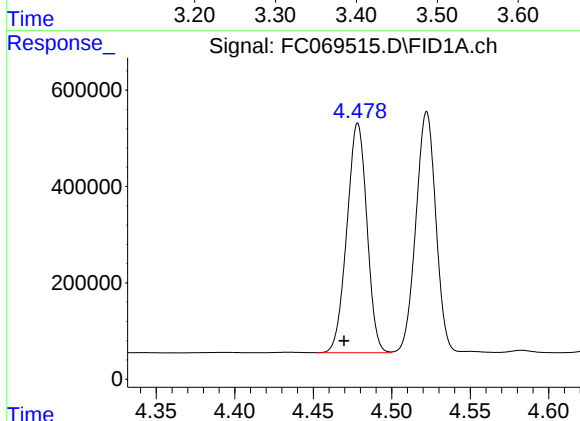
FID_C

ClientSampleId :

TR-04-072225MSD

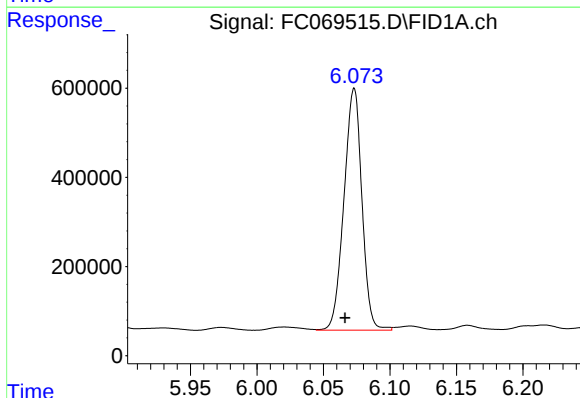
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



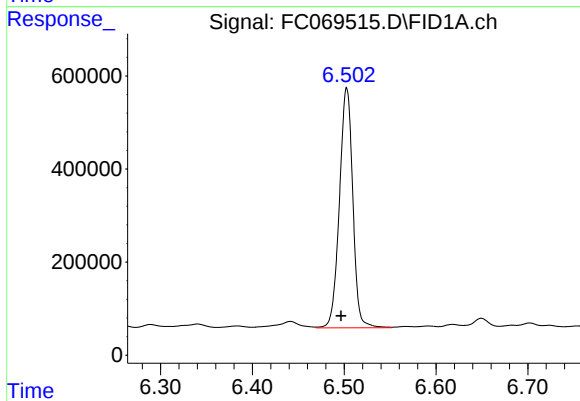
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: 0.009 min
Response: 4230862
Conc: 30.40 ug/ml



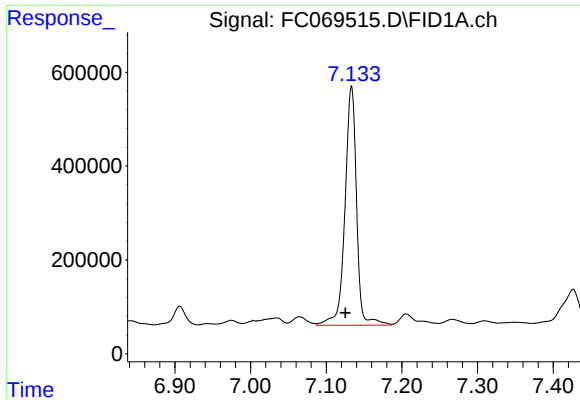
#3 A~Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.007 min
Response: 5093942
Conc: 33.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.503 min
Delta R.T.: 0.006 min
Response: 5226021
Conc: 36.87 ug/ml



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

R.T.: 7.133 min
Delta R.T.: 0.008 min
Response: 5445680
Conc: 37.28 ug/ml

Instrument :

FID_C

ClientSampleId :

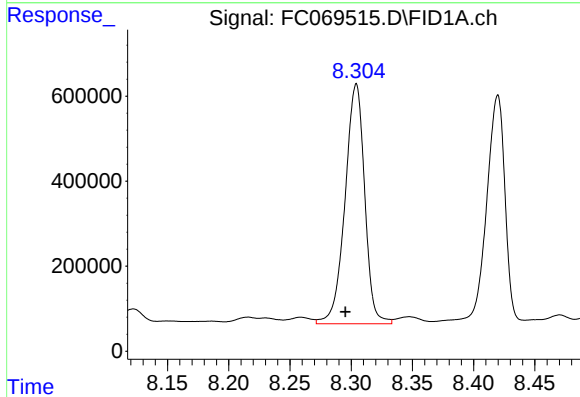
TR-04-072225MSD

Manual Integrations

APPROVED

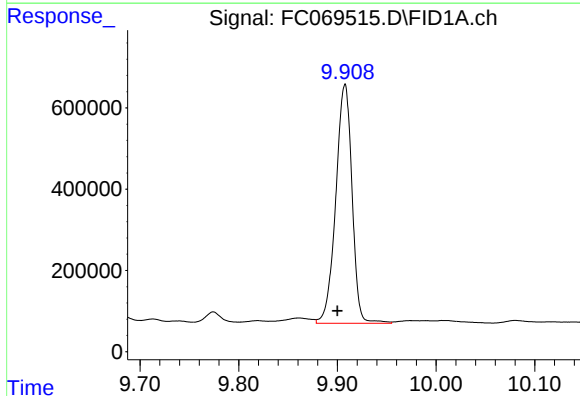
Reviewed By :Yogesh Patel 07/24/2025

Supervised By :mohammad ahmed 07/25/2025



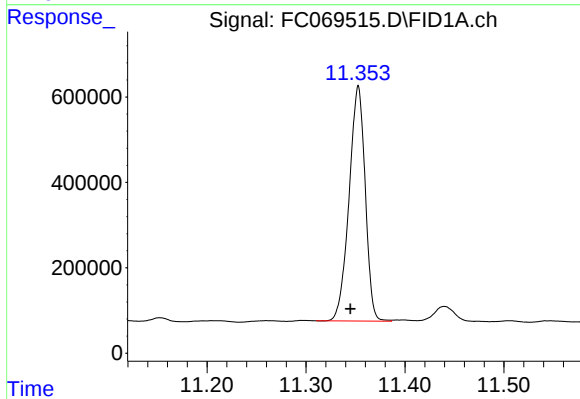
#6 n-Tetradecane (C14)

R.T.: 8.304 min
Delta R.T.: 0.008 min
Response: 6314330
Conc: 44.41 ug/ml



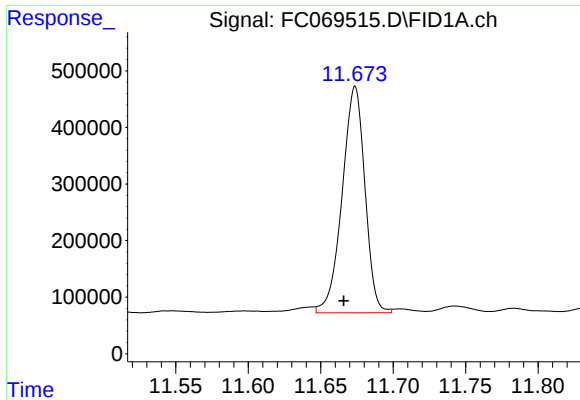
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: 0.008 min
Response: 6742369
Conc: 46.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.353 min
Delta R.T.: 0.008 min
Response: 6233624
Conc: 43.33 ug/ml



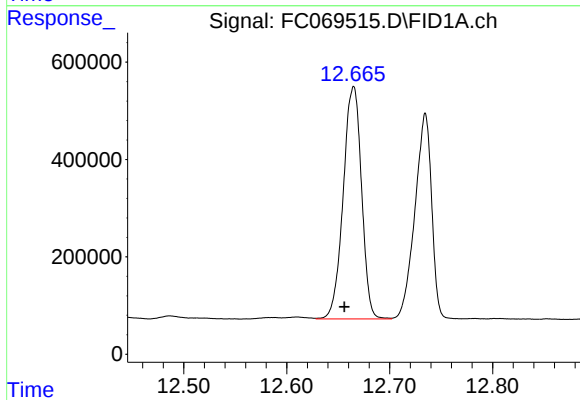
#9 ortho-Terphenyl (SURR)

R.T.: 11.673 min
Delta R.T.: 0.008 min
Response: 4371673
Conc: 29.46 ug/ml

Instrument :
FID_C
ClientSampleId :
TR-04-072225MSD

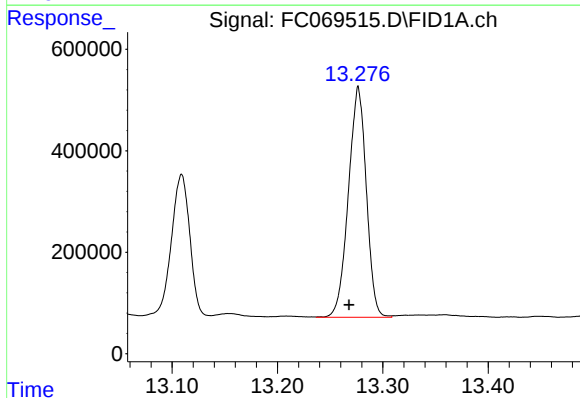
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



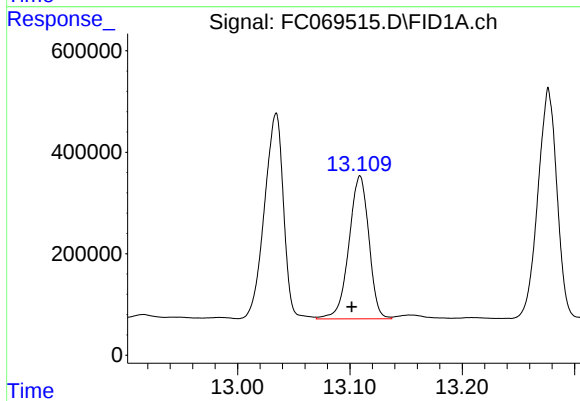
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: 0.009 min
Response: 5908510
Conc: 44.01 ug/ml



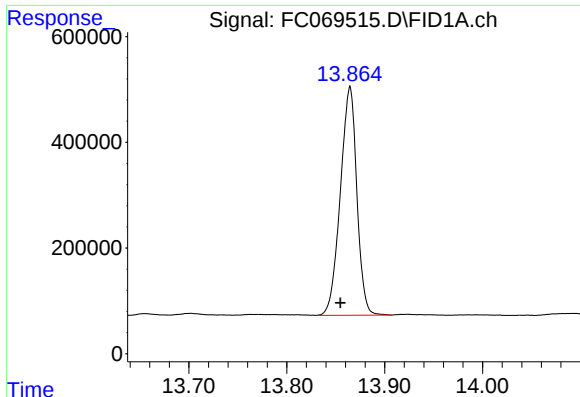
#11 n-Heneicosane (C21)

R.T.: 13.277 min
Delta R.T.: 0.009 min
Response: 5373357
Conc: 41.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.109 min
Delta R.T.: 0.007 min
Response: 3486437
Conc: 30.85 ug/ml



#13 n-Docosane (C22)

R.T.: 13.864 min
Delta R.T.: 0.010 min
Response: 5069264
Conc: 39.91 ug/ml

Instrument :

FID_C

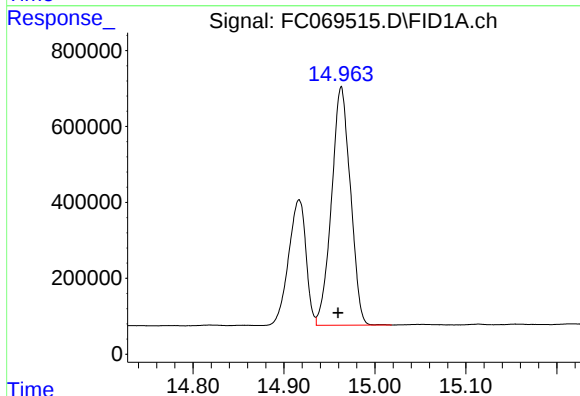
ClientSampleId :

TR-04-072225MSD

Manual Integrations

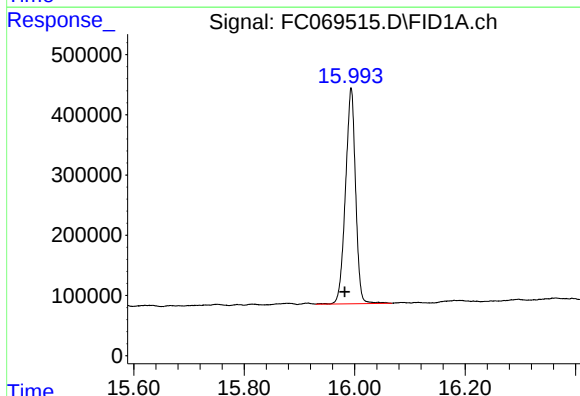
APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



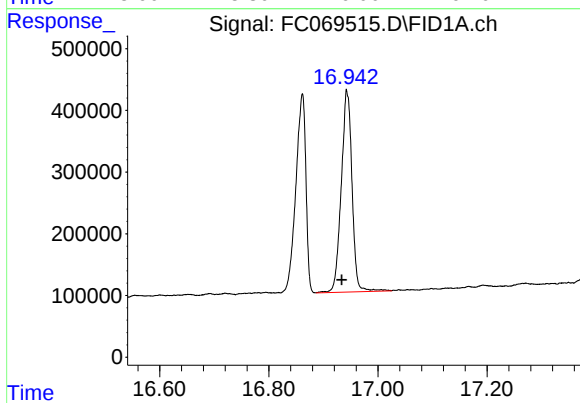
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: 0.003 min
Response: 9046624
Conc: 74.12 ug/ml



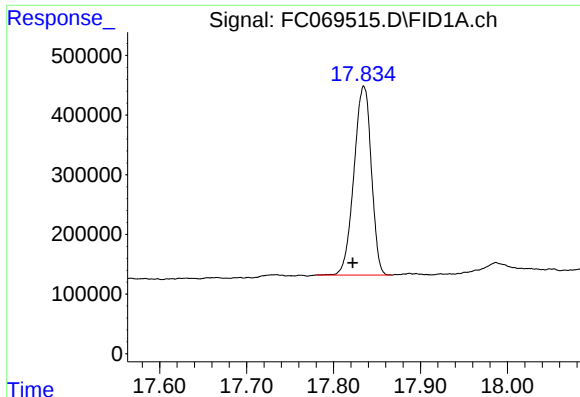
#15 n-Hexacosane (C26)

R.T.: 15.993 min
Delta R.T.: 0.011 min
Response: 4538694
Conc: 39.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.944 min
Delta R.T.: 0.010 min
Response: 4484236
Conc: 40.50 ug/ml



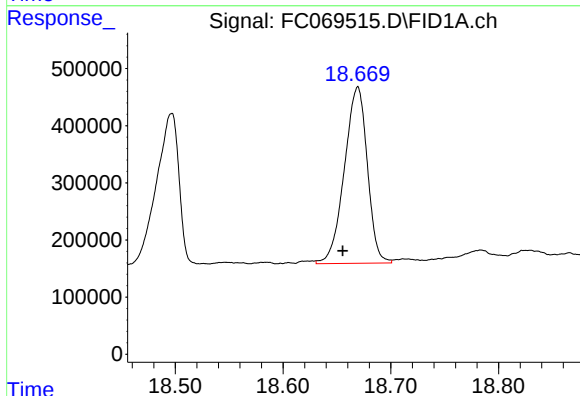
#17 n-Tricontane (C30)

R.T.: 17.835 min
Delta R.T.: 0.013 min
Response: 4391727
Conc: 40.11 ug/ml

Instrument :
FID_C
ClientSampleId :
TR-04-072225MSD

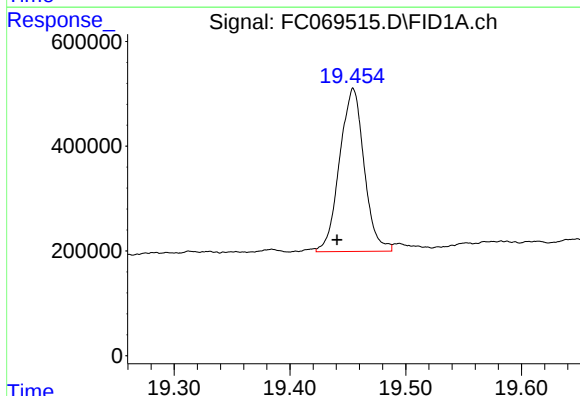
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



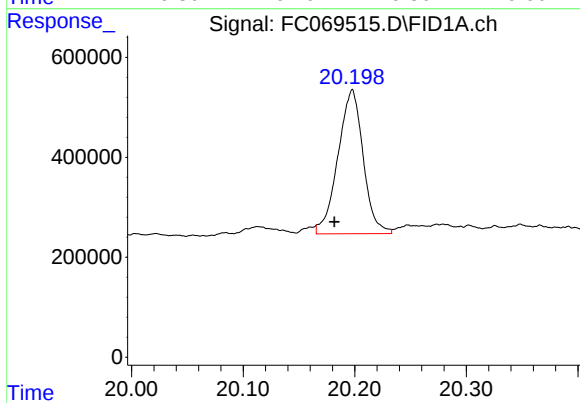
#18 n-Dotriacontane (C32)

R.T.: 18.669 min
Delta R.T.: 0.014 min
Response: 4574191
Conc: 44.08 ug/ml m



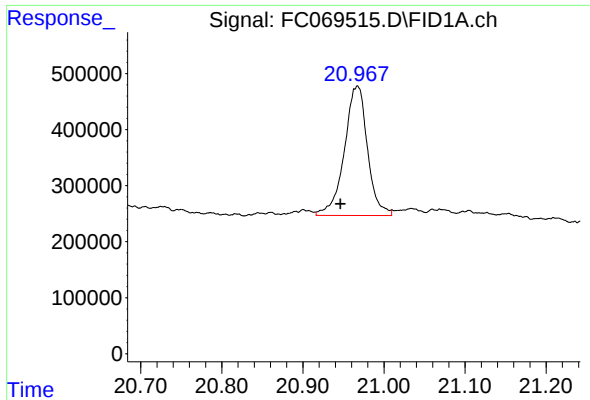
#19 n-Tetratriacontane (C34)

R.T.: 19.454 min
Delta R.T.: 0.013 min
Response: 4592362
Conc: 48.74 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.198 min
Delta R.T.: 0.016 min
Response: 4523173
Conc: 54.76 ug/ml m



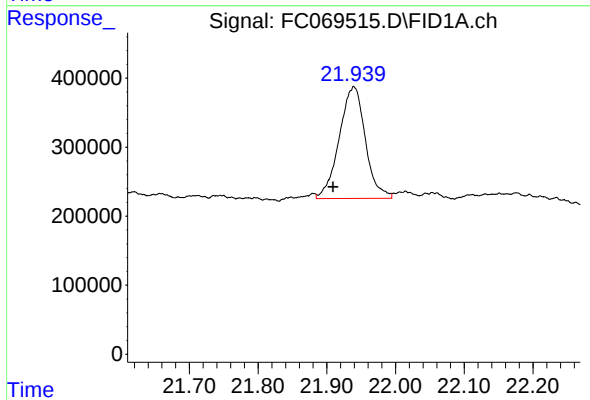
#21 n-Octatriacontane (C38)

R.T.: 20.967 min
Delta R.T.: 0.020 min
Response: 4578207
Conc: 60.28 ug/ml

Instrument :
FID_C
ClientSampleId :
TR-04-072225MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: 0.030 min
Response: 4276303
Conc: 58.38 ug/ml m