

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072325AL\
 Data File : FC069514.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jul 2025 19:33
 Operator : YP/AJ
 Sample : Q2674-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TR-04-072225MS

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 01:30:18 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	4463370	30.076 ug/mlm
Spiked Amount 50.000		Recovery =	60.15%
12) S 1-chlorooctadecane (S...	13.107	3560933	31.510 ug/ml
Spiked Amount 50.000		Recovery =	63.02%
Target Compounds			
1) T n-Nonane (C9)	3.405	3677536	27.025 ug/ml
2) T n-Decane (C10)	4.478	4259909	30.607 ug/ml
3) T A~Naphthalene (C11.7)	6.072	5161920	34.160 ug/ml
4) T n-Dodecane (C12)	6.502	5290545	37.327 ug/ml
5) T A~2-methylnaphthalene...	7.132	5523819	37.810 ug/ml
6) T n-Tetradecane (C14)	8.304	6420515	45.156 ug/ml
7) T n-Hexadecane (C16)	9.906	6884477	47.166 ug/ml
8) T n-Octadecane (C18)	11.351	6432240	44.715 ug/ml
10) T n-Eicosane (C20)	12.664	6096063	45.408 ug/ml
11) T n-Heneicosane (C21)	13.275	5487276	42.245 ug/ml
13) T n-Docosane (C22)	13.863	5211613	41.033 ug/ml
14) T n-Tetracosane (C24)	14.960	9146981	74.943 ug/ml
15) T n-Hexacosane (C26)	15.991	4637663	39.917 ug/ml
16) T n-Octacosane (C28)	16.942	4541847	41.024 ug/ml
17) T n-Tricontane (C30)	17.833	4409879	40.273 ug/ml
18) T n-Dotriacontane (C32)	18.666	4536480	43.717 ug/ml
19) T n-Tetratriacontane (C34)	19.455	4549238	48.279 ug/mlm
20) T n-Hexatriacontane (C36)	20.196	4286517	51.896 ug/ml
21) T n-Octatriacontane (C38)	20.966	4553116	59.945 ug/mlm
22) T n-Tetracontane (C40)	21.939	4389012	59.919 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072325AL\
Data File : FC069514.D
Signal(s) : FID1A.ch
Acq On : 23 Jul 2025 19:33
Operator : YP/AJ
Sample : Q2674-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

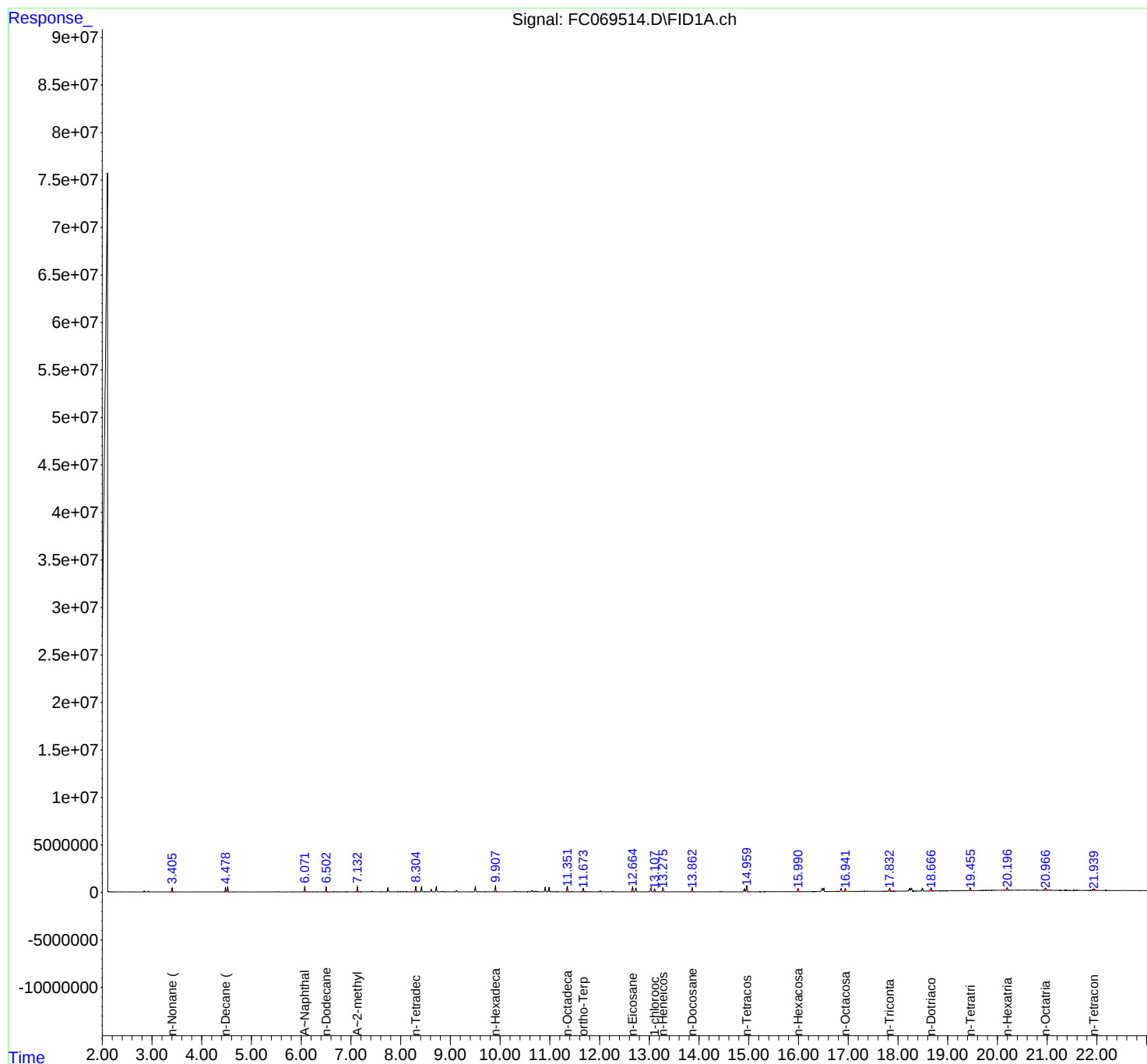
Instrument :
FID_C
ClientSampleId :
TR-04-072225MS

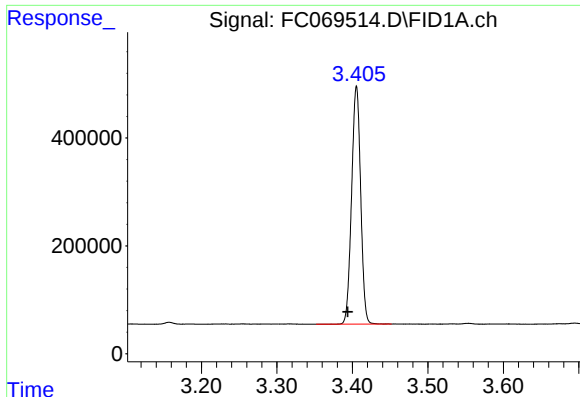
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Jul 24 01:30:18 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





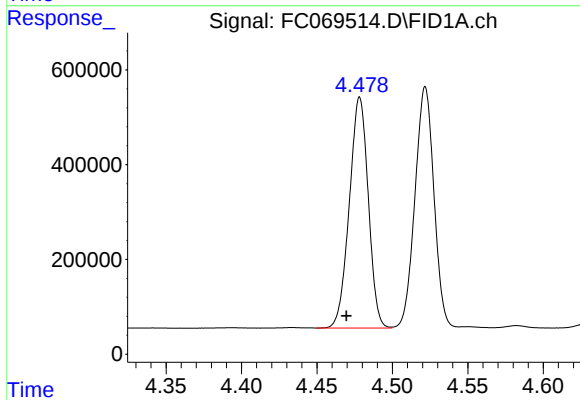
#1 n-Nonane (C9)

R.T.: 3.405 min
Delta R.T.: 0.011 min
Response: 3677536
Conc: 27.02 ug/ml

Instrument :
FID_C
ClientSampleId :
TR-04-072225MS

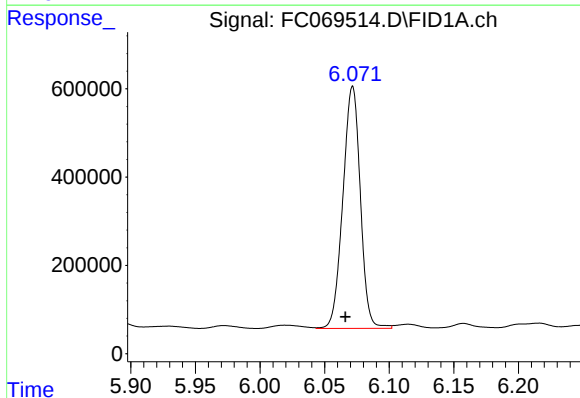
Manual Integrations
APPROVED

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



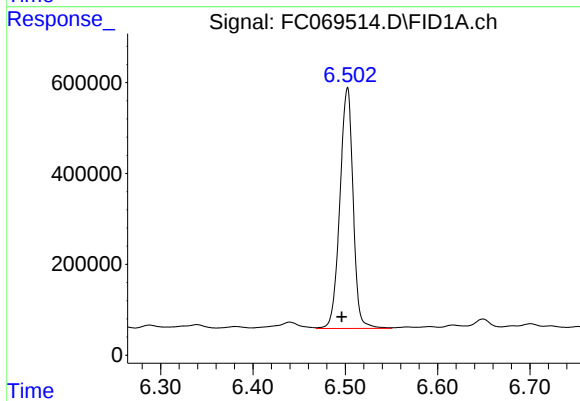
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: 0.009 min
Response: 4259909
Conc: 30.61 ug/ml



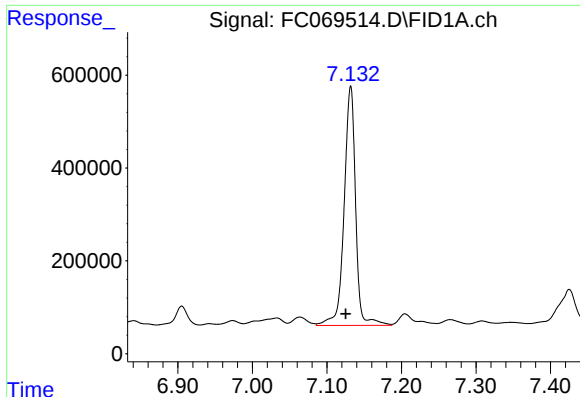
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.005 min
Response: 5161920
Conc: 34.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.502 min
Delta R.T.: 0.006 min
Response: 5290545
Conc: 37.33 ug/ml



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

R.T.: 7.132 min
Delta R.T.: 0.006 min
Response: 5523819
Conc: 37.81 ug/ml

Instrument :

FID_C

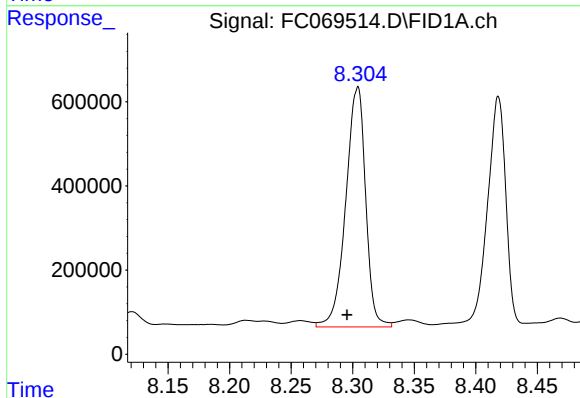
ClientSampleId :

TR-04-072225MS

Manual Integrations

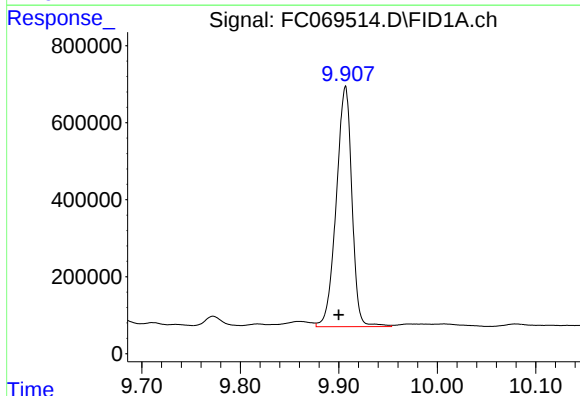
APPROVED

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



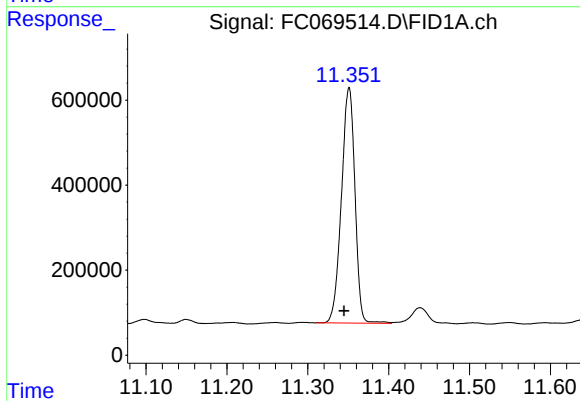
#6 n-Tetradecane (C14)

R.T.: 8.304 min
Delta R.T.: 0.008 min
Response: 6420515
Conc: 45.16 ug/ml



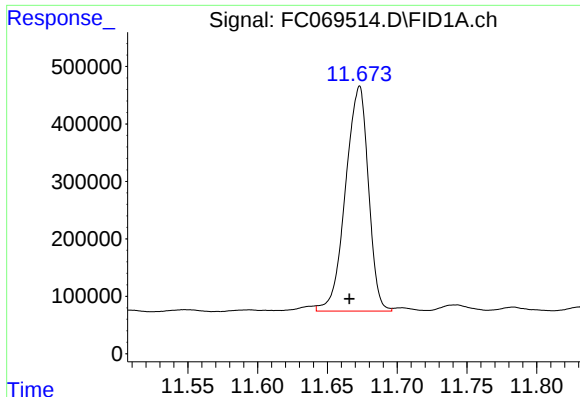
#7 n-Hexadecane (C16)

R.T.: 9.906 min
Delta R.T.: 0.007 min
Response: 6884477
Conc: 47.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: 0.006 min
Response: 6432240
Conc: 44.72 ug/ml



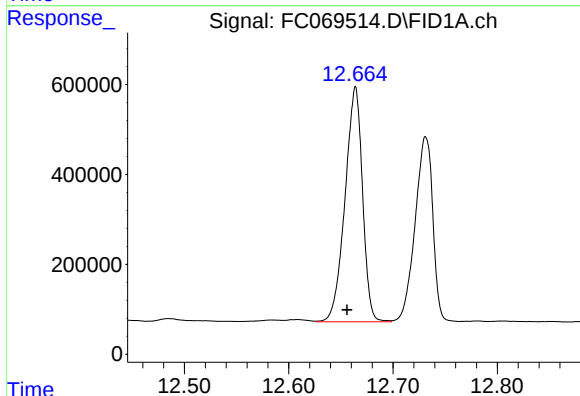
#9 ortho-Terphenyl (SURR)

R.T.: 11.673 min
Delta R.T.: 0.007 min
Response: 4463370
Conc: 30.08 ug/ml

Instrument :
FID_C
ClientSampleId :
TR-04-072225MS

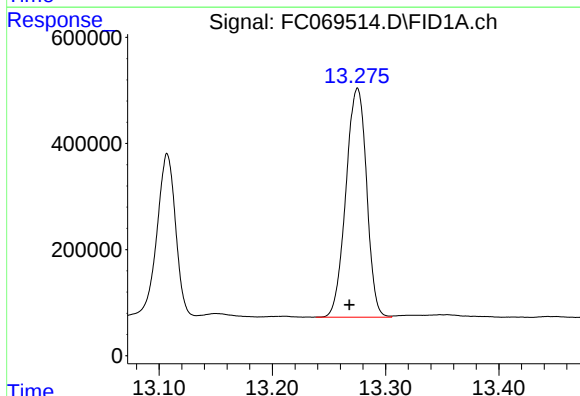
Manual Integrations
APPROVED

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



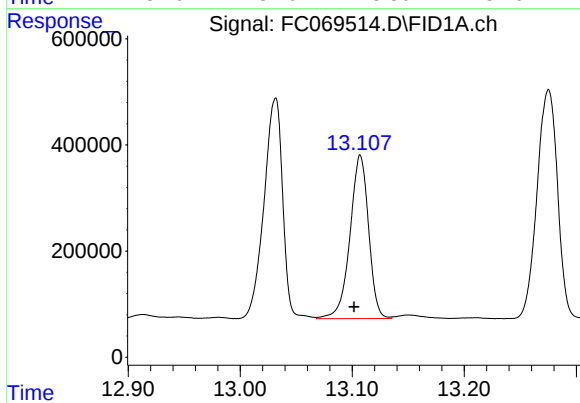
#10 n-Eicosane (C20)

R.T.: 12.664 min
Delta R.T.: 0.008 min
Response: 6096063
Conc: 45.41 ug/ml



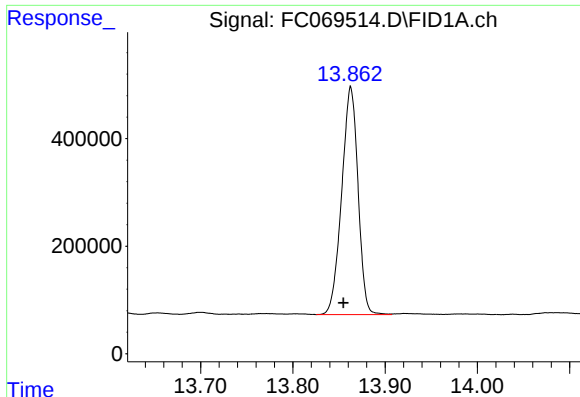
#11 n-Heneicosane (C21)

R.T.: 13.275 min
Delta R.T.: 0.007 min
Response: 5487276
Conc: 42.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.107 min
Delta R.T.: 0.006 min
Response: 3560933
Conc: 31.51 ug/ml



#13 n-Docosane (C22)

R.T.: 13.863 min
Delta R.T.: 0.008 min
Response: 5211613
Conc: 41.03 ug/ml

Instrument :

FID_C

ClientSampleId :

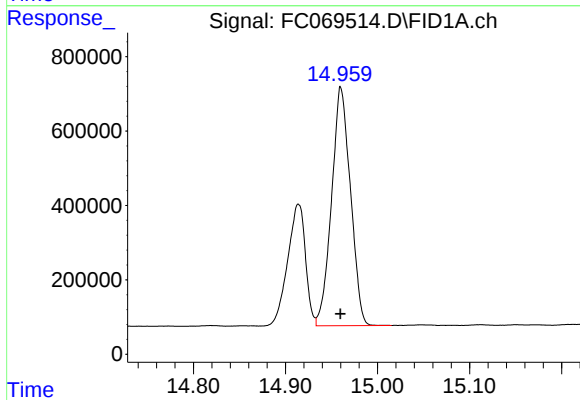
TR-04-072225MS

Manual Integrations

APPROVED

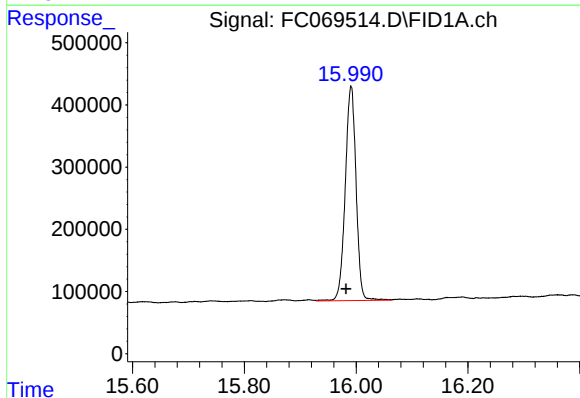
Reviewed By :Yogesh Patel 07/24/2025

Supervised By :mohammad ahmed 07/25/2025



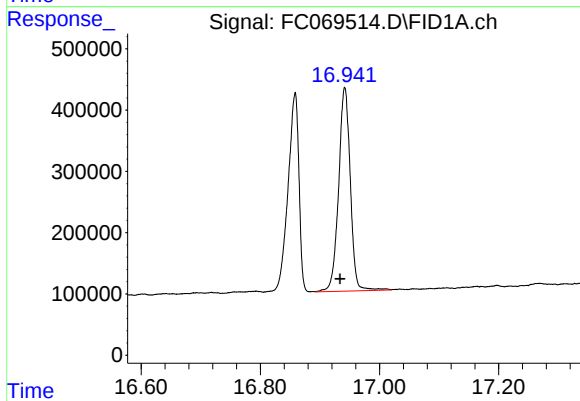
#14 n-Tetracosane (C24)

R.T.: 14.960 min
Delta R.T.: 0.000 min
Response: 9146981
Conc: 74.94 ug/ml



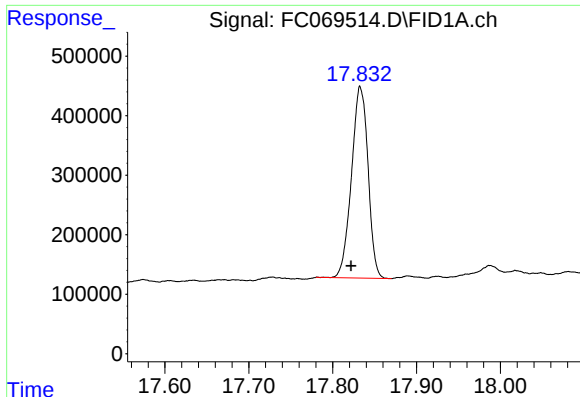
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: 0.009 min
Response: 4637663
Conc: 39.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.942 min
Delta R.T.: 0.008 min
Response: 4541847
Conc: 41.02 ug/ml



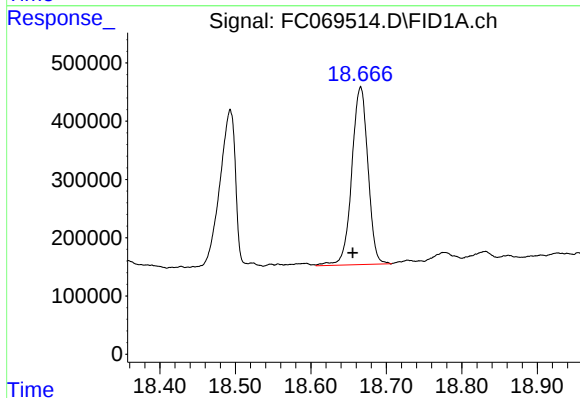
#17 n-Tricontane (C30)

R.T.: 17.833 min
Delta R.T.: 0.011 min
Response: 4409879
Conc: 40.27 ug/ml

Instrument :
FID_C
ClientSampleId :
TR-04-072225MS

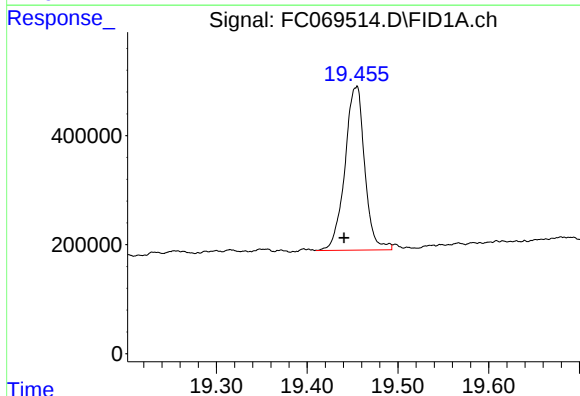
Manual Integrations
APPROVED

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



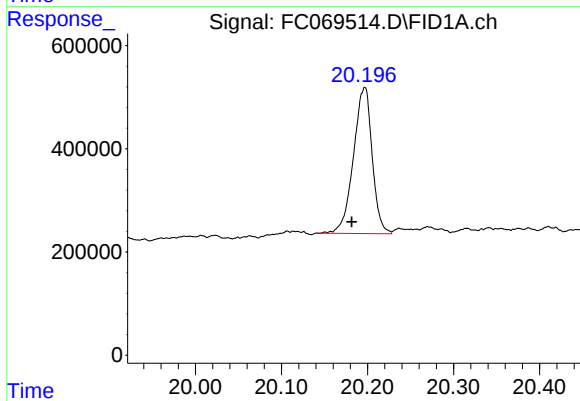
#18 n-Dotriacontane (C32)

R.T.: 18.666 min
Delta R.T.: 0.010 min
Response: 4536480
Conc: 43.72 ug/ml



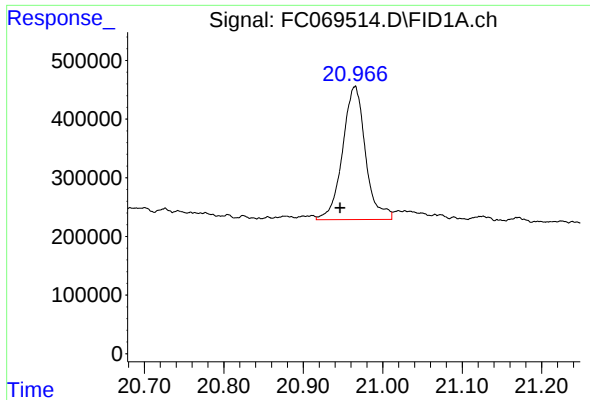
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min
Delta R.T.: 0.014 min
Response: 4549238
Conc: 48.28 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.196 min
Delta R.T.: 0.015 min
Response: 4286517
Conc: 51.90 ug/ml



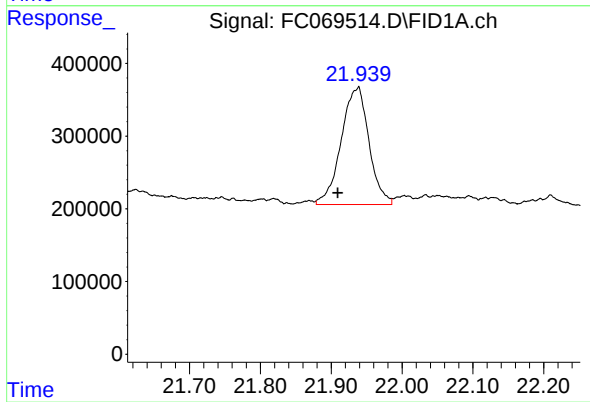
#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: 0.020 min
Response: 4553116
Conc: 59.95 ug/ml

Instrument :
FID_C
ClientSampleId :
TR-04-072225MS

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: 4389012
Conc: 59.92 ug/ml m