

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062325AL\
 Data File : FC069251.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jun 2025 19:38
 Operator : YP/AJ
 Sample : Q2386-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SU-1-062025MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2025
 Supervised By :mohammad ahmed 06/25/2025

Integration File: autoint1.e
 Quant Time: Jun 24 01:27:03 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)	11.695	4416175	25.563 ug/ml
Spiked Amount 50.000		Recovery =	51.13%
12) S 1-chlorooctadecane (S...	13.125	11569114	88.556 ug/ml
Spiked Amount 50.000		Recovery =	177.11%
Target Compounds			
1) T n-Nonane (C9)	3.409	3325987	23.386 ug/ml
2) T n-Decane (C10)	4.483	3789293	25.884 ug/ml
3) T A~Naphthalene (C11.7)	6.078	4949224	30.761 ug/ml
4) T n-Dodecane (C12)	6.508	4295046	28.364 ug/ml
5) T A~2-methylnaphthalene...	7.138	5276779	33.345 ug/ml
6) T n-Tetradecane (C14)	8.312	4885685	31.520 ug/ml
7) T n-Hexadecane (C16)	9.916	6083401	37.226 ug/mlm
8) T n-Octadecane (C18)	11.365	5295607	32.435 ug/mlm
10) T n-Eicosane (C20)	12.690	6403435	41.951 ug/ml
11) T n-Heneicosane (C21)	13.291	4729157	32.085 ug/ml
13) T n-Docosane (C22)	13.876	6503024	45.197 ug/ml
14) T n-Tetracosane (C24)	15.004	22632599	164.086 ug/mlm
15) T n-Hexacosane (C26)	16.005	4515071	34.539 ug/ml
16) T n-Octacosane (C28)	16.954	4378709	35.504 ug/mlm
17) T n-Tricontane (C30)	17.844	4274524	35.956 ug/mlm
18) T n-Dotriacontane (C32)	18.676	3765626	34.440 ug/ml
19) T n-Tetratriacontane (C34)	19.461	3793032	39.279 ug/ml
20) T n-Hexatriacontane (C36)	20.202	3559949	43.197 ug/ml
21) T n-Octatriacontane (C38)	20.973	3929142	52.578 ug/ml
22) T n-Tetracontane (C40)	21.947	3857813	54.476 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062325AL\
Data File : FC069251.D
Signal(s) : FID1A.ch
Acq On : 23 Jun 2025 19:38
Operator : YP/AJ
Sample : Q2386-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

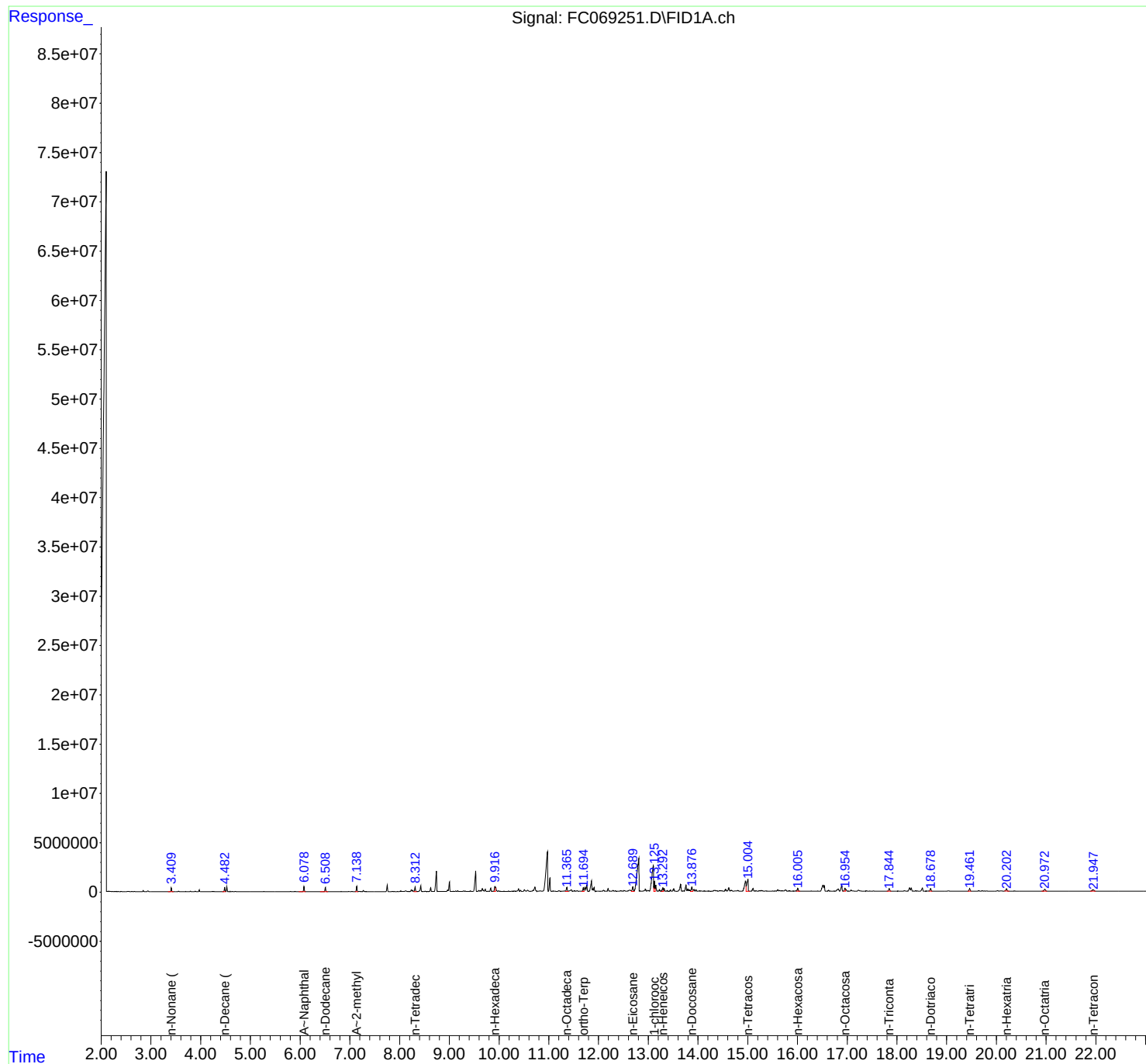
Instrument :
FID_C
ClientSampleId :
SU-1-062025MSD

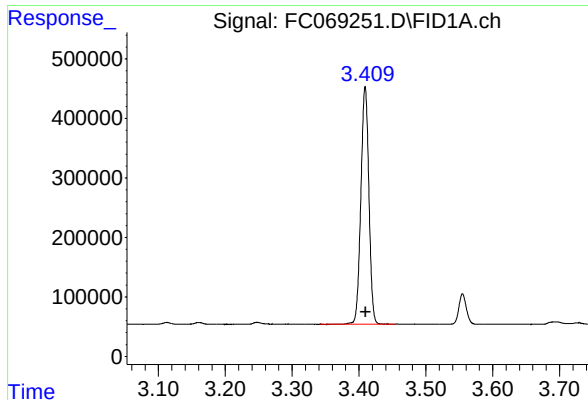
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2025
Supervised By :mohammad ahmed 06/25/2025

Integration File: autoint1.e
Quant Time: Jun 24 01:27:03 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





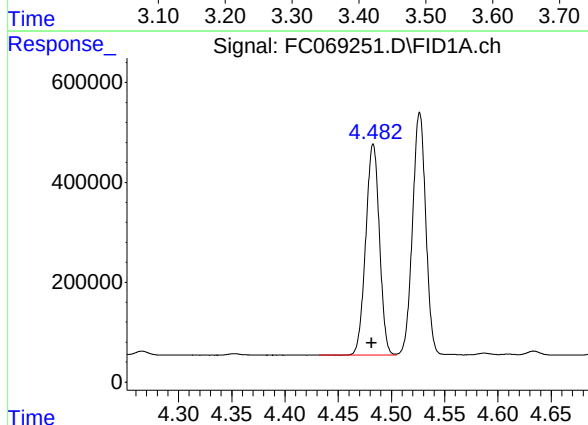
#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: 0.000 min
Response: 3325987
Conc: 23.39 ug/ml

Instrument :
FID_C
ClientSampleId :
SU-1-062025MSD

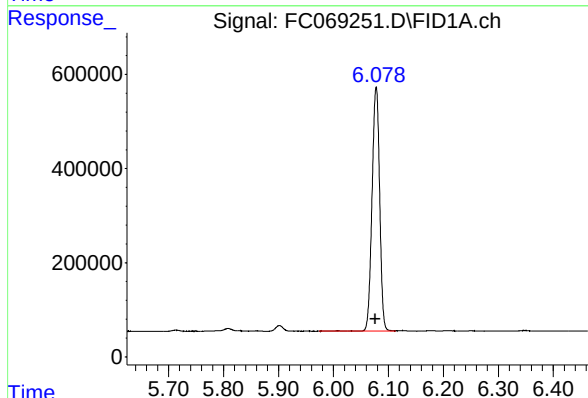
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2025
Supervised By :mohammad ahmed 06/25/2025



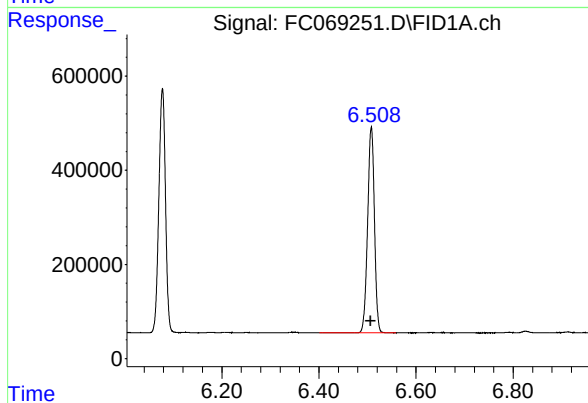
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: 0.001 min
Response: 3789293
Conc: 25.88 ug/ml



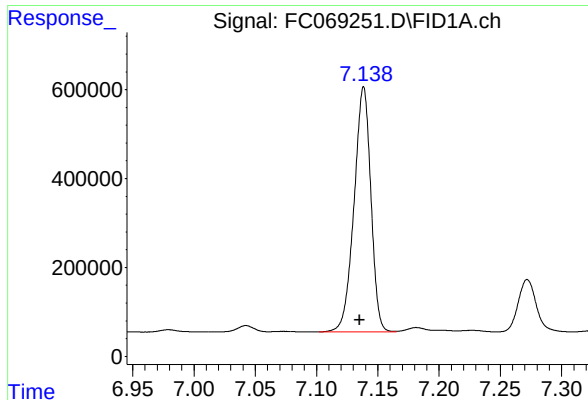
#3 A~Naphthalene (C11.7)

R.T.: 6.078 min
Delta R.T.: 0.001 min
Response: 4949224
Conc: 30.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.508 min
Delta R.T.: 0.002 min
Response: 4295046
Conc: 28.36 ug/ml



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

R.T.: 7.138 min
Delta R.T.: 0.003 min
Response: 5276779
Conc: 33.34 ug/ml

Instrument :

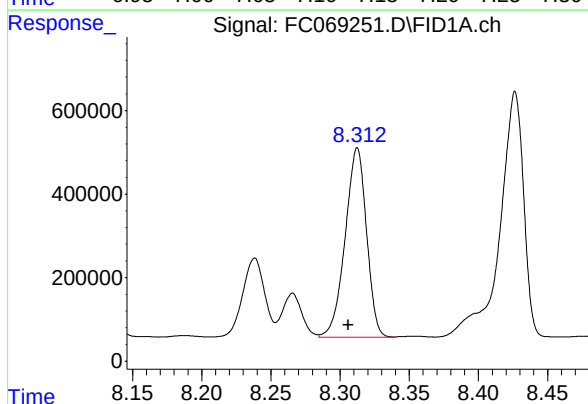
FID_C

ClientSampleId :

SU-1-062025MSD

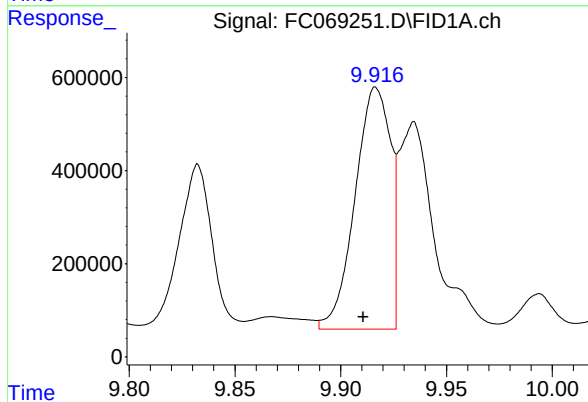
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2025
Supervised By :mohammad ahmed 06/25/2025



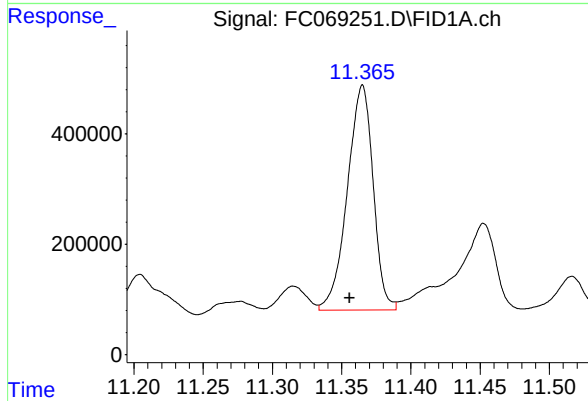
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: 0.006 min
Response: 4885685
Conc: 31.52 ug/ml



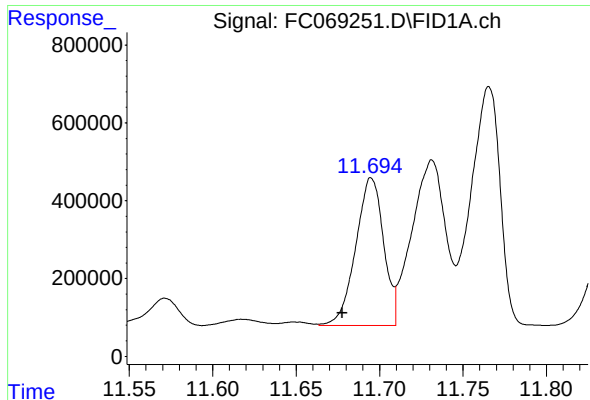
#7 n-Hexadecane (C16)

R.T.: 9.916 min
Delta R.T.: 0.005 min
Response: 6083401
Conc: 37.23 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.365 min
Delta R.T.: 0.009 min
Response: 5295607
Conc: 32.43 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 11.695 min
Delta R.T.: 0.017 min
Response: 4416175
Conc: 25.56 ug/ml

Instrument :

FID_C

ClientSampleId :

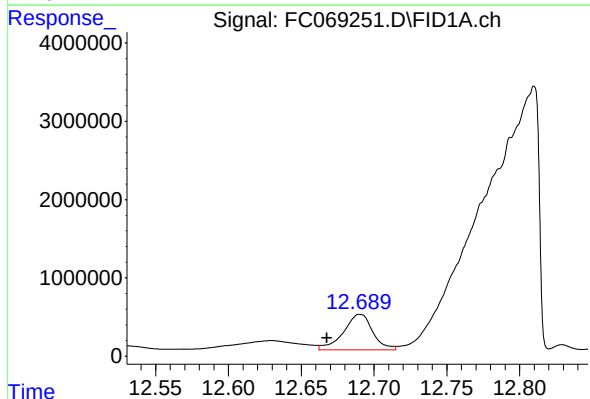
SU-1-062025MSD

Manual Integrations

APPROVED

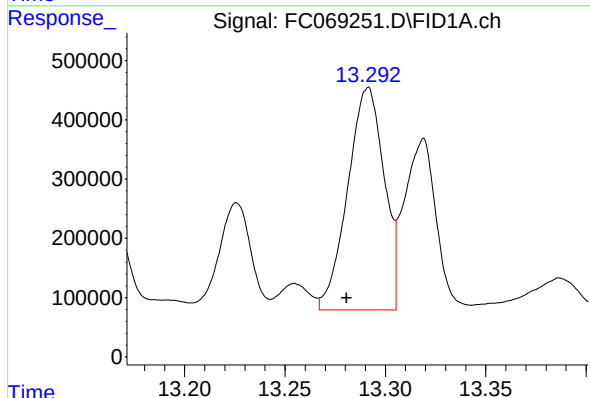
Reviewed By :Yogesh Patel 06/24/2025

Supervised By :mohammad ahmed 06/25/2025



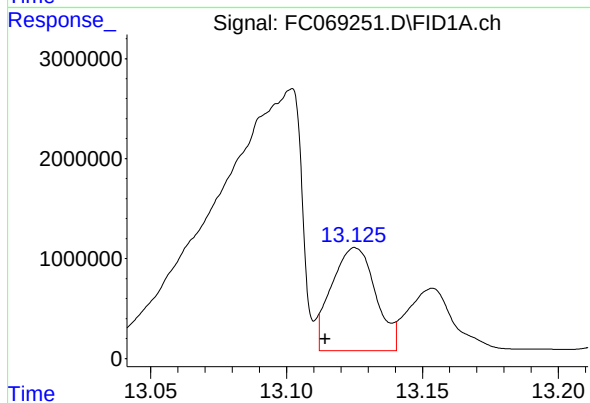
#10 n-Eicosane (C20)

R.T.: 12.690 min
Delta R.T.: 0.022 min
Response: 6403435
Conc: 41.95 ug/ml



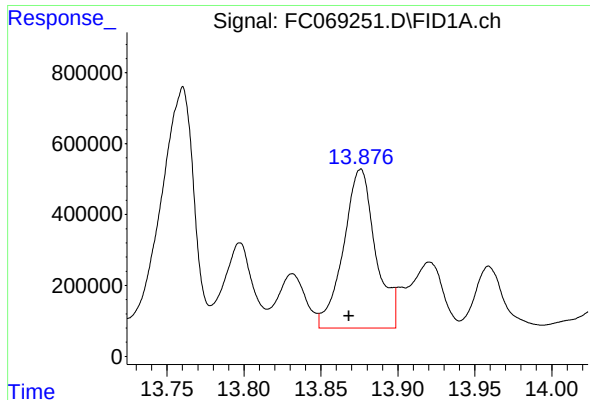
#11 n-Heneicosane (C21)

R.T.: 13.291 min
Delta R.T.: 0.011 min
Response: 4729157
Conc: 32.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.125 min
Delta R.T.: 0.011 min
Response: 11569114
Conc: 88.56 ug/ml



#13 n-Docosane (C22)

R.T.: 13.876 min
Delta R.T.: 0.007 min
Response: 6503024
Conc: 45.20 ug/ml

Instrument :

FID_C

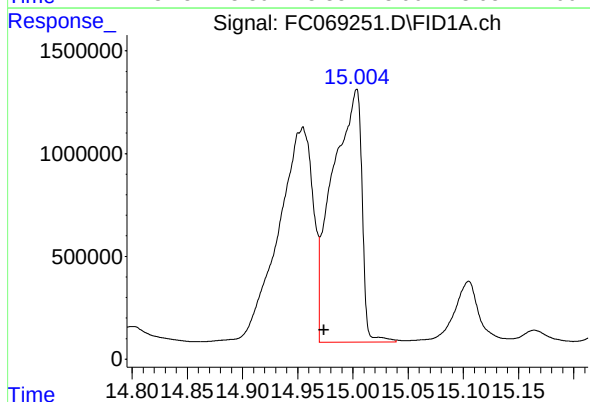
ClientSampleId :

SU-1-062025MSD

Manual Integrations

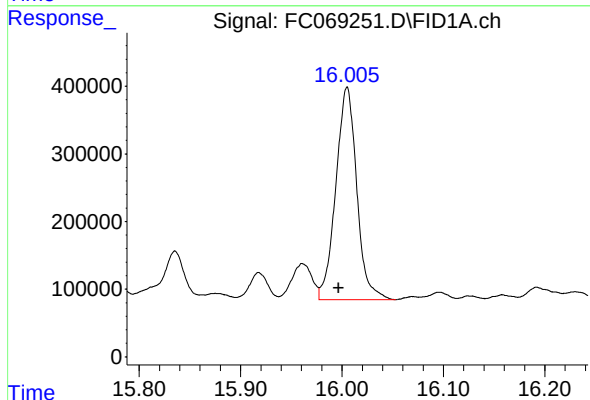
APPROVED

Reviewed By :Yogesh Patel 06/24/2025
Supervised By :mohammad ahmed 06/25/2025



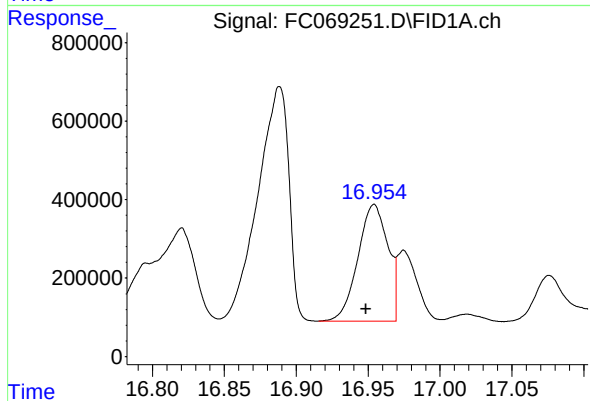
#14 n-Tetracosane (C24)

R.T.: 15.004 min
Delta R.T.: 0.030 min
Response: 22632599
Conc: 164.09 ug/ml m



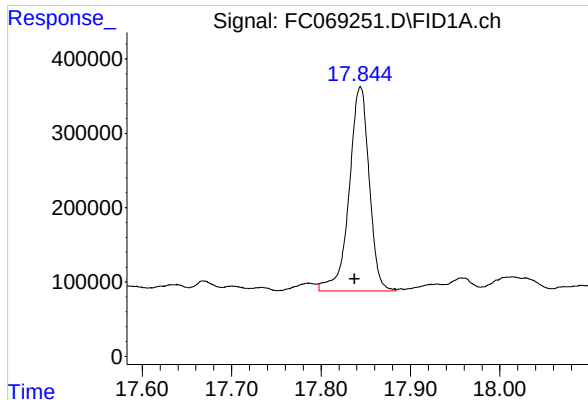
#15 n-Hexacosane (C26)

R.T.: 16.005 min
Delta R.T.: 0.008 min
Response: 4515071
Conc: 34.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.954 min
Delta R.T.: 0.006 min
Response: 4378709
Conc: 35.50 ug/ml m



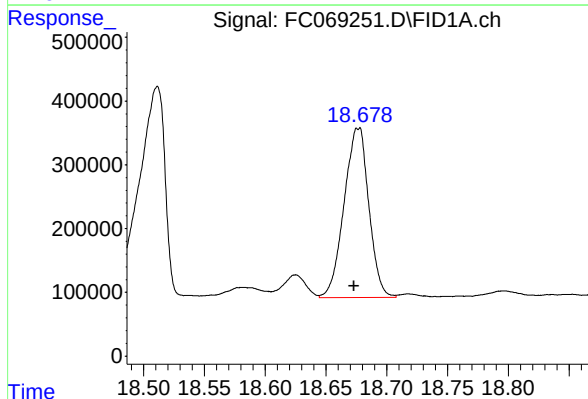
#17 n-Tricontane (C30)

R.T.: 17.844 min
Delta R.T.: 0.006 min
Response: 4274524
Conc: 35.96 ug/ml

Instrument :
FID_C
ClientSampleId :
SU-1-062025MSD

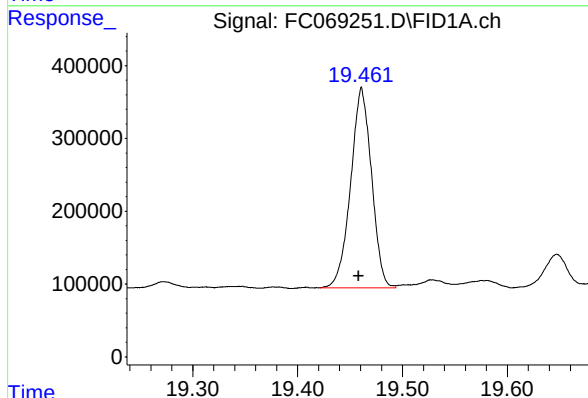
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2025
Supervised By :mohammad ahmed 06/25/2025



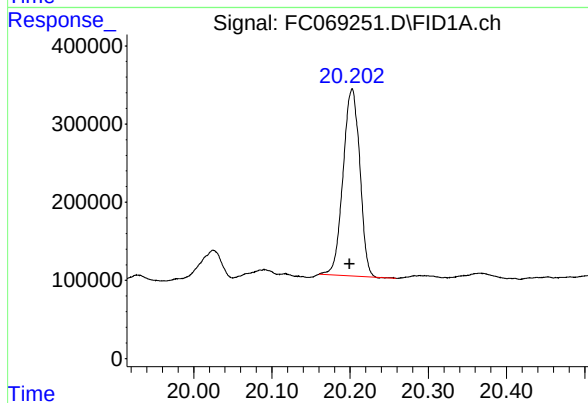
#18 n-Dotriacontane (C32)

R.T.: 18.676 min
Delta R.T.: 0.003 min
Response: 3765626
Conc: 34.44 ug/ml



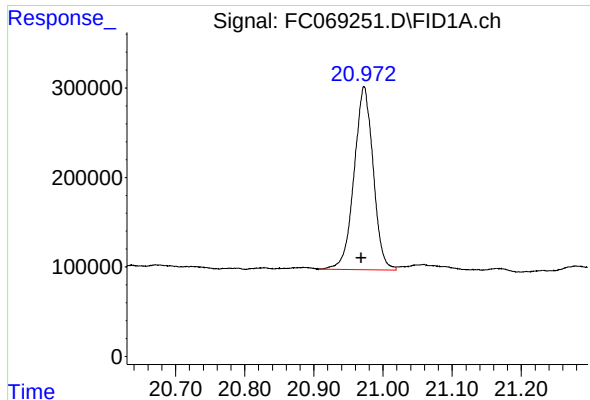
#19 n-Tetratriacontane (C34)

R.T.: 19.461 min
Delta R.T.: 0.003 min
Response: 3793032
Conc: 39.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.202 min
Delta R.T.: 0.003 min
Response: 3559949
Conc: 43.20 ug/ml



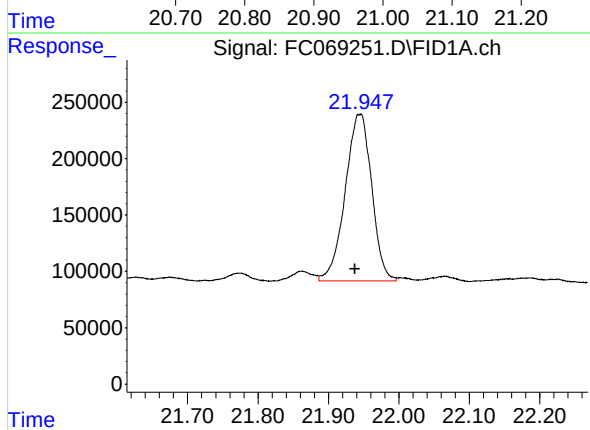
#21 n-Octatriacontane (C38)

R.T.: 20.973 min
Delta R.T.: 0.004 min
Response: 3929142
Conc: 52.58 ug/ml

Instrument :
FID_C
ClientSampleId :
SU-1-062025MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2025
Supervised By :mohammad ahmed 06/25/2025



#22 n-Tetracontane (C40)

R.T.: 21.947 min
Delta R.T.: 0.009 min
Response: 3857813
Conc: 54.48 ug/ml m