

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082825AL\
 Data File : FC069781.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 23:59
 Operator : YP/AJ
 Sample : Q2960-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SU-03-08262025MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2025
 Supervised By :mohammad ahmed 08/30/2025

Integration File: sample.E
 Quant Time: Aug 29 01:24:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 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)	11.666	4413849	34.086 ug/ml
Spiked Amount 50.000		Recovery =	68.17%
12) S 1-chlorooctadecane (S...	13.102	3666692	38.321 ug/ml
Spiked Amount 50.000		Recovery =	76.64%
Target Compounds			
1) T n-Nonane (C9)	3.401	4000441	31.910 ug/ml
2) T n-Decane (C10)	4.473	4559895	35.786 ug/ml
3) T A~Naphthalene (C11.7)	6.066	5530041	41.109 ug/ml
4) T n-Dodecane (C12)	6.496	5131646	40.049 ug/ml
5) T A~2-methylnaphthalene...	7.126	5346947	41.750 ug/ml
6) T n-Tetradecane (C14)	8.297	5523281	43.307 ug/ml
7) T n-Hexadecane (C16)	9.899	5658700	43.818 ug/ml
8) T n-Octadecane (C18)	11.344	5470410	43.630 ug/ml
10) T n-Eicosane (C20)	12.657	5538858	47.719 ug/ml
11) T n-Heneicosane (C21)	13.269	5260560	47.045 ug/ml
13) T n-Docosane (C22)	13.857	5203729	47.684 ug/ml
14) T n-Tetracosane (C24)	14.957	10020802	95.551 ug/ml
15) T n-Hexacosane (C26)	15.988	4777418	47.671 ug/ml
16) T n-Octacosane (C28)	16.938	4751895	49.353 ug/ml
17) T n-Tricontane (C30)	17.831	4618613	48.024 ug/ml
18) T n-Dotriacontane (C32)	18.663	4420285	47.452 ug/ml
19) T n-Tetratriacontane (C34)	19.450	4738248	54.908 ug/ml
20) T n-Hexatriacontane (C36)	20.193	4387242	57.509 ug/ml
21) T n-Octatriacontane (C38)	20.962	4301114	61.162 ug/mlm
22) T n-Tetracontane (C40)	21.927	4262774	64.169 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082825AL\
Data File : FC069781.D
Signal(s) : FID1A.ch
Acq On : 28 Aug 2025 23:59
Operator : YP/AJ
Sample : Q2960-01MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

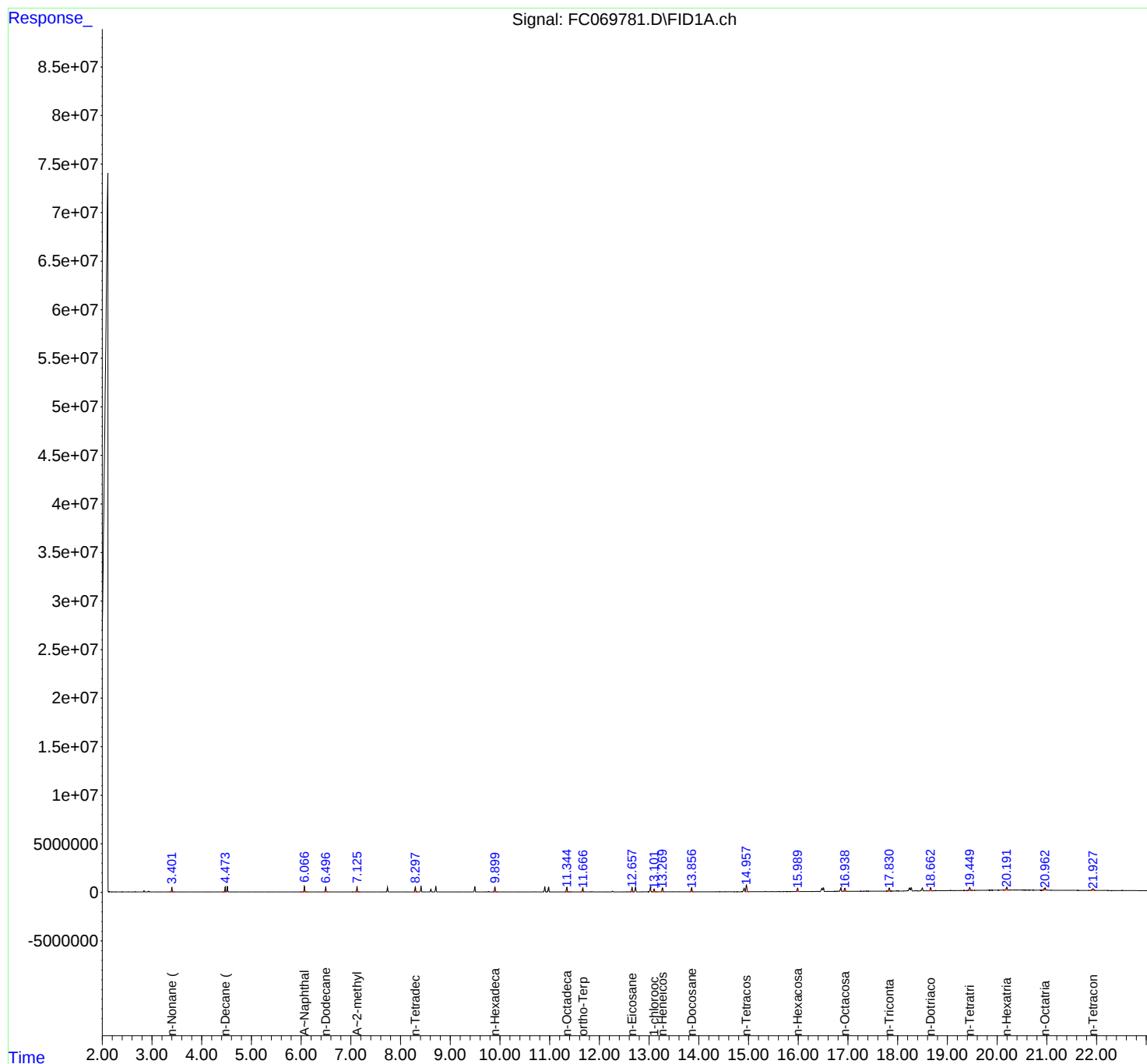
Instrument :
FID_C
ClientSampleId :
SU-03-08262025MS

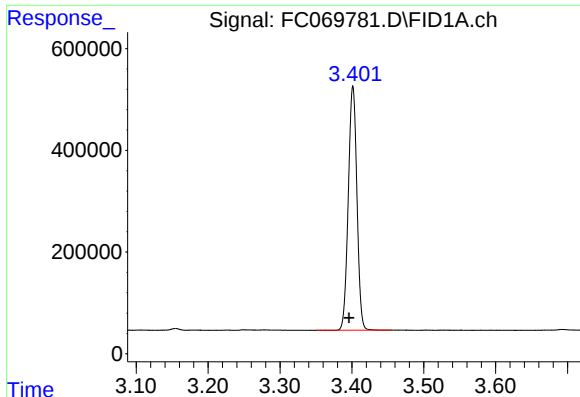
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025

Integration File: sample.E
Quant Time: Aug 29 01:24:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
Quant Title : GC Extractables
QLast Update : Wed Aug 27 12:11:00 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.: 3.401 min
Delta R.T.: 0.005 min
Response: 4000441
Conc: 31.91 ug/ml

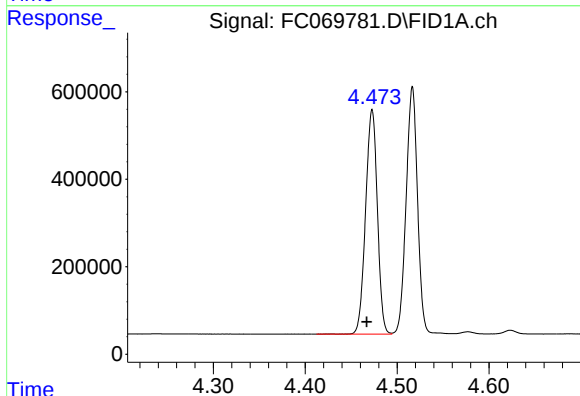
Instrument :

FID_C

ClientSampleId :
SU-03-08262025MS

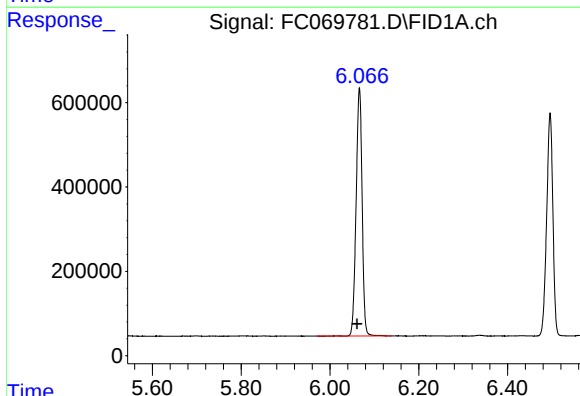
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



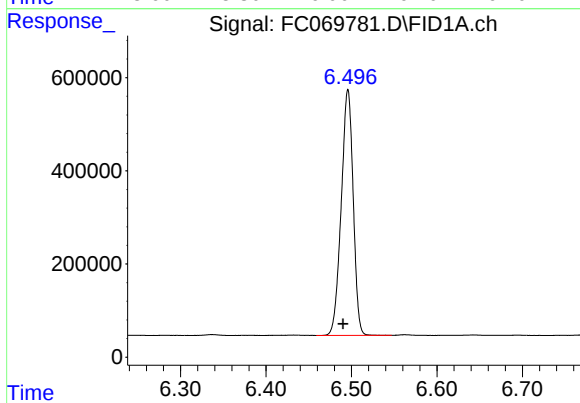
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.006 min
Response: 4559895
Conc: 35.79 ug/ml



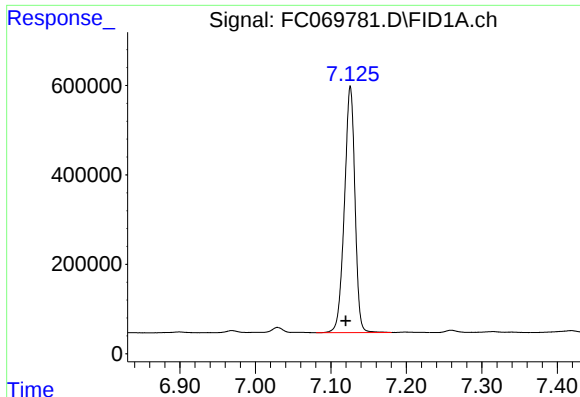
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.005 min
Response: 5530041
Conc: 41.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.496 min
Delta R.T.: 0.006 min
Response: 5131646
Conc: 40.05 ug/ml



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

R.T.: 7.126 min
Delta R.T.: 0.006 min
Response: 5346947
Conc: 41.75 ug/ml

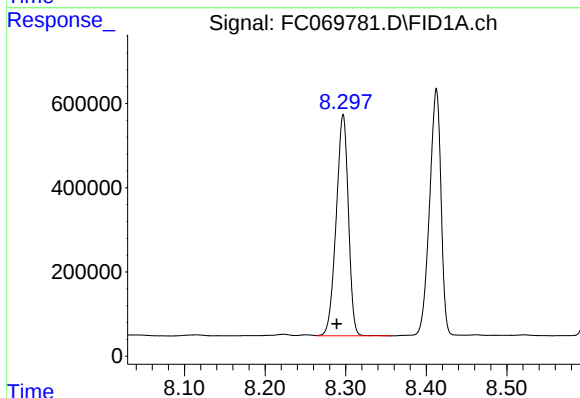
Instrument :

FID_C

ClientSampleId :
SU-03-08262025MS

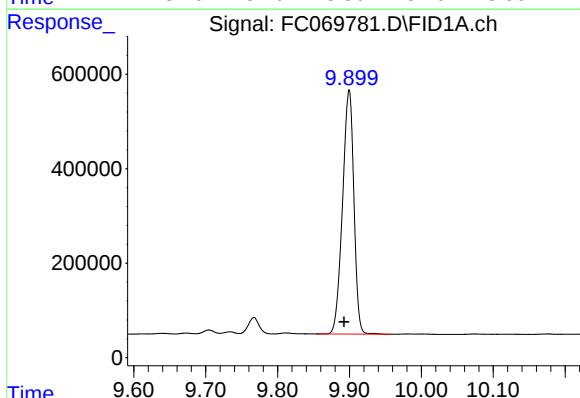
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



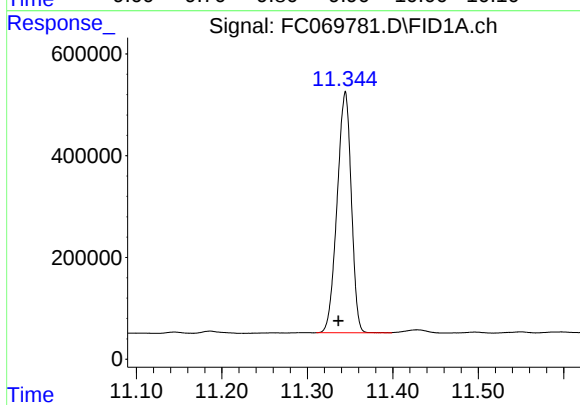
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: 0.008 min
Response: 5523281
Conc: 43.31 ug/ml



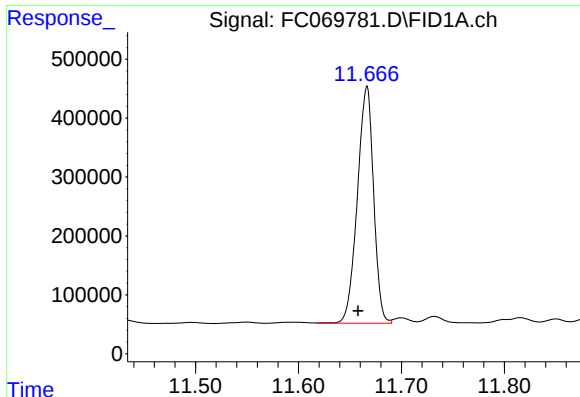
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: 0.007 min
Response: 5658700
Conc: 43.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.344 min
Delta R.T.: 0.008 min
Response: 5470410
Conc: 43.63 ug/ml



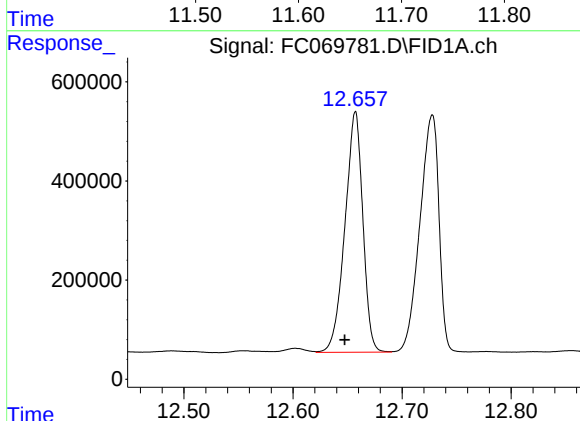
#9 ortho-Terphenyl (SURR)

R.T.: 11.666 min
Delta R.T.: 0.008 min
Response: 4413849
Conc: 34.09 ug/ml

Instrument :
FID_C
ClientSampleId :
SU-03-08262025MS

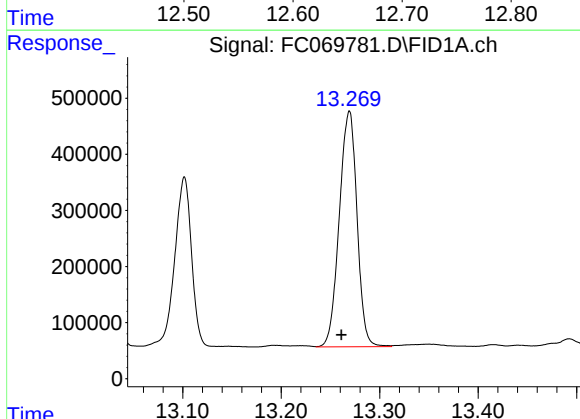
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



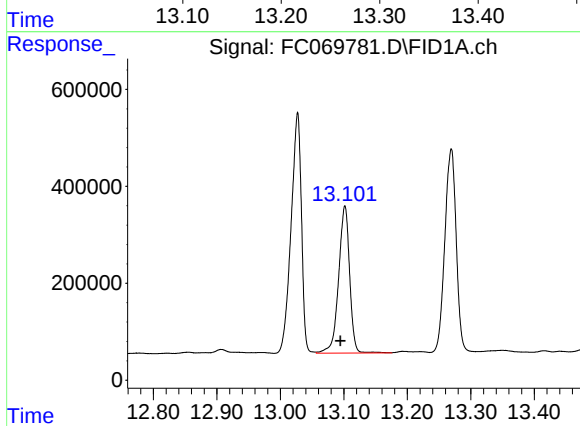
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: 0.010 min
Response: 5538858
Conc: 47.72 ug/ml



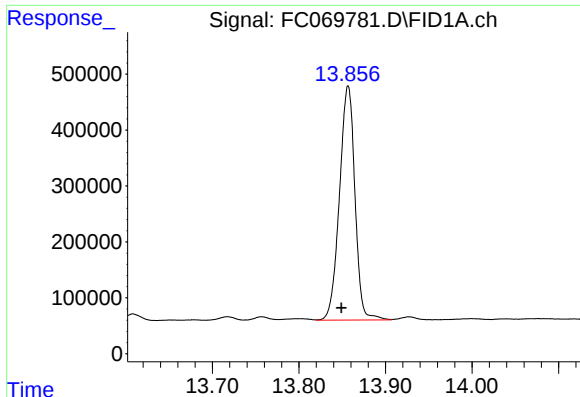
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: 0.008 min
Response: 5260560
Conc: 47.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: 0.007 min
Response: 3666692
Conc: 38.32 ug/ml



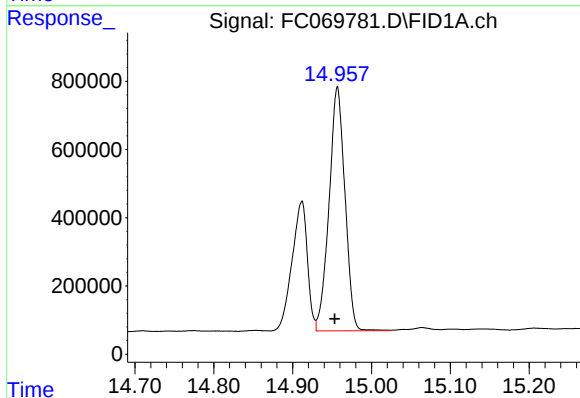
#13 n-Docosane (C22)

R.T.: 13.857 min
Delta R.T.: 0.008 min
Response: 5203729
Conc: 47.68 ug/ml

Instrument :
FID_C
ClientSampleId :
SU-03-08262025MS

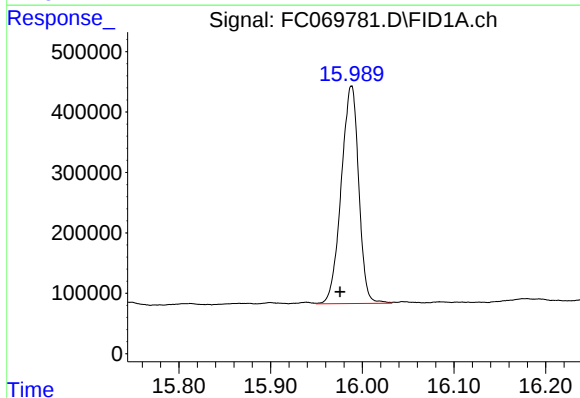
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



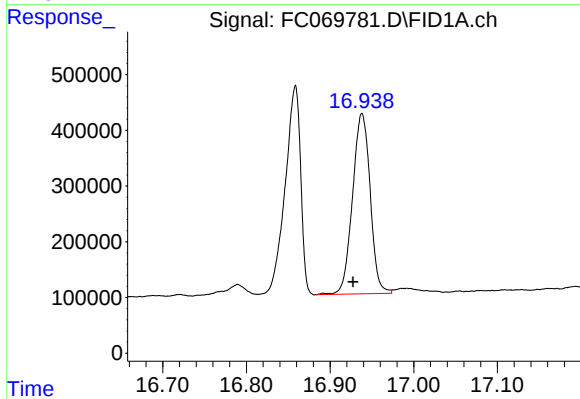
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: 0.003 min
Response: 10020802
Conc: 95.55 ug/ml



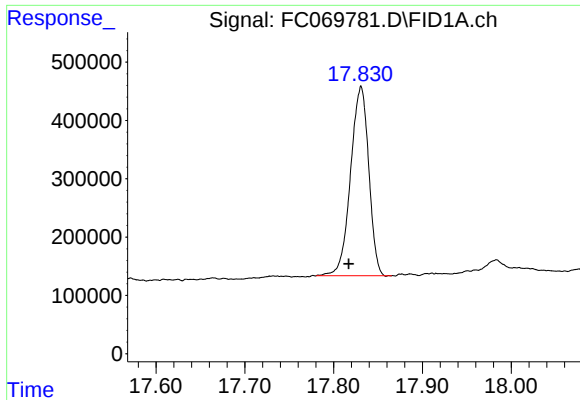
#15 n-Hexacosane (C26)

R.T.: 15.988 min
Delta R.T.: 0.012 min
Response: 4777418
Conc: 47.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.938 min
Delta R.T.: 0.011 min
Response: 4751895
Conc: 49.35 ug/ml



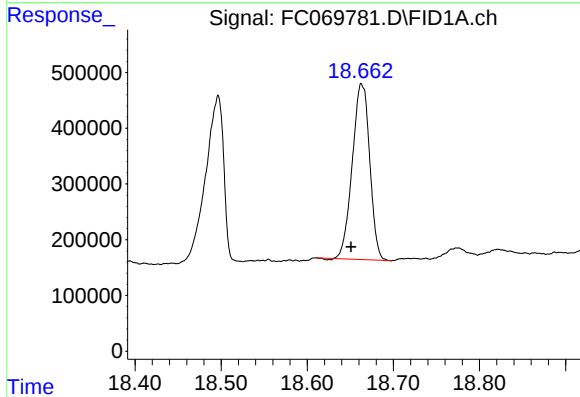
#17 n-Tricontane (C30)

R.T.: 17.831 min
Delta R.T.: 0.014 min
Response: 4618613
Conc: 48.02 ug/ml

Instrument :
FID_C
ClientSampleId :
SU-03-08262025MS

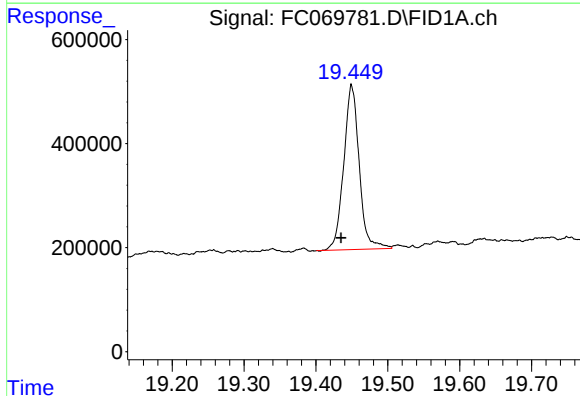
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



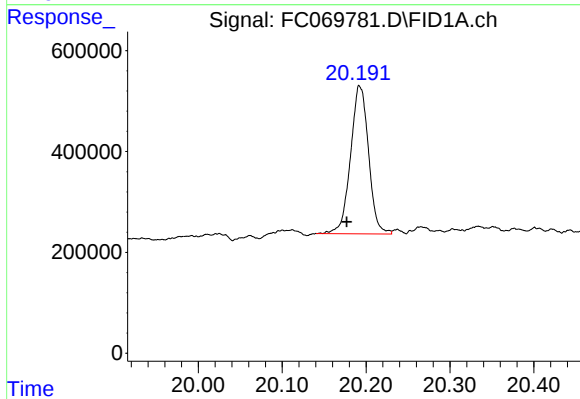
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: 0.013 min
Response: 4420285
Conc: 47.45 ug/ml



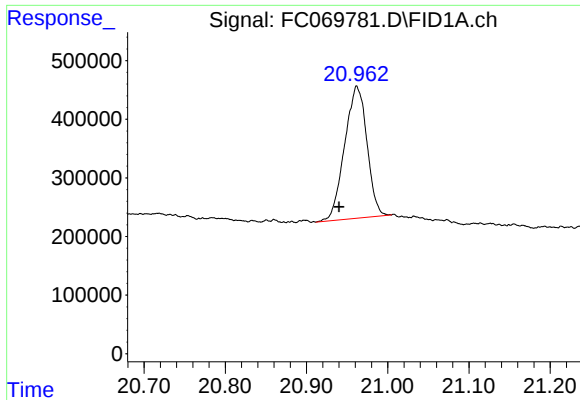
#19 n-Tetratriacontane (C34)

R.T.: 19.450 min
Delta R.T.: 0.015 min
Response: 4738248
Conc: 54.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.193 min
Delta R.T.: 0.016 min
Response: 4387242
Conc: 57.51 ug/ml



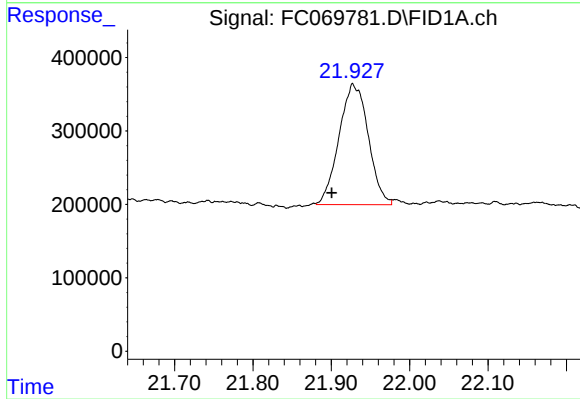
#21 n-Octatriacontane (C38)

R.T.: 20.962 min
Delta R.T.: 0.021 min
Response: 4301114
Conc: 61.16 ug/ml

Instrument :
FID_C
ClientSampleId :
SU-03-08262025MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



#22 n-Tetracontane (C40)

R.T.: 21.927 min
Delta R.T.: 0.026 min
Response: 4262774
Conc: 64.17 ug/ml m