

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071125AL\
 Data File : FC069427.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2025 19:43
 Operator : YP/AJ
 Sample : Q2571-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-17MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/14/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File: autoint1.e
 Quant Time: Jul 11 23:04:58 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)	11.672	4532204	26.234 ug/ml
Spiked Amount 50.000		Recovery =	52.47%
12) S 1-chlorooctadecane (S...	13.108	3652449	27.958 ug/ml
Spiked Amount 50.000		Recovery =	55.92%
Target Compounds			
1) T n-Nonane (C9)	3.402	3675300	25.843 ug/ml
2) T n-Decane (C10)	4.477	4186085	28.594 ug/ml
3) T A~Naphthalene (C11.7)	6.072	5401476	33.572 ug/ml
4) T n-Dodecane (C12)	6.502	4736065	31.277 ug/ml
5) T A~2-methylnaphthalene...	7.131	5413772	34.210 ug/ml
6) T n-Tetradecane (C14)	8.303	5307215	34.239 ug/ml
7) T n-Hexadecane (C16)	9.906	5731585	35.074 ug/ml
8) T n-Octadecane (C18)	11.351	5729065	35.089 ug/ml
10) T n-Eicosane (C20)	12.664	5936416	38.892 ug/ml
11) T n-Heneicosane (C21)	13.276	5514533	37.414 ug/ml
13) T n-Docosane (C22)	13.863	5607488	38.973 ug/ml
14) T n-Tetracosane (C24)	14.962	11149241	80.832 ug/ml
15) T n-Hexacosane (C26)	15.991	4902056	37.500 ug/ml
16) T n-Octacosane (C28)	16.941	4820548	39.087 ug/ml
17) T n-Tricontane (C30)	17.831	4566079	38.408 ug/ml
18) T n-Dotriacontane (C32)	18.662	4470256	40.885 ug/ml
19) T n-Tetratriacontane (C34)	19.448	4612987	47.770 ug/ml
20) T n-Hexatriacontane (C36)	20.189	4402143	53.416 ug/ml
21) T n-Octatriacontane (C38)	20.956	4455432	59.620 ug/ml
22) T n-Tetracontane (C40)	21.921	4443355	62.745 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071125AL\
Data File : FC069427.D
Signal(s) : FID1A.ch
Acq On : 11 Jul 2025 19:43
Operator : YP/AJ
Sample : Q2571-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

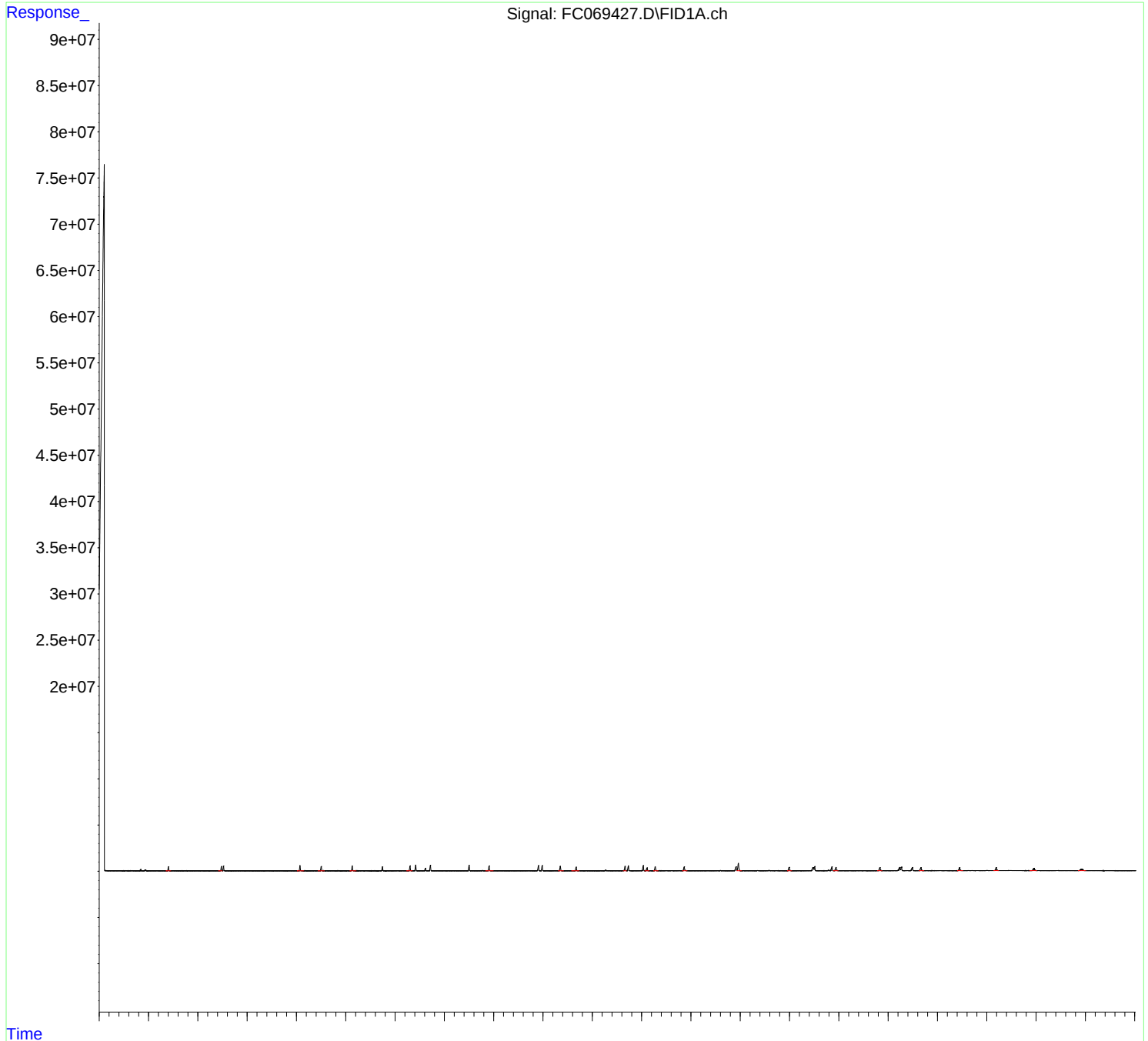
Instrument :
FID_C
ClientSampleId :
TP-17MSD

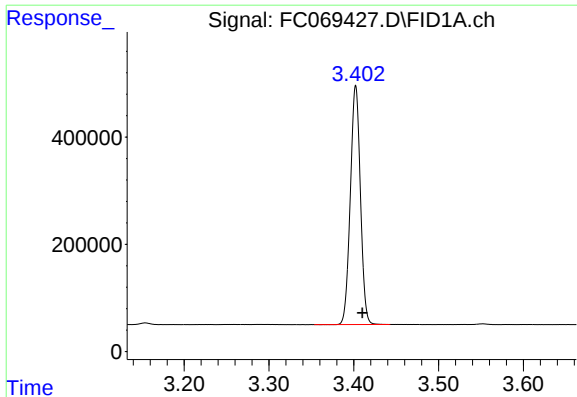
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File: autoint1.e
Quant Time: Jul 11 23:04:58 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





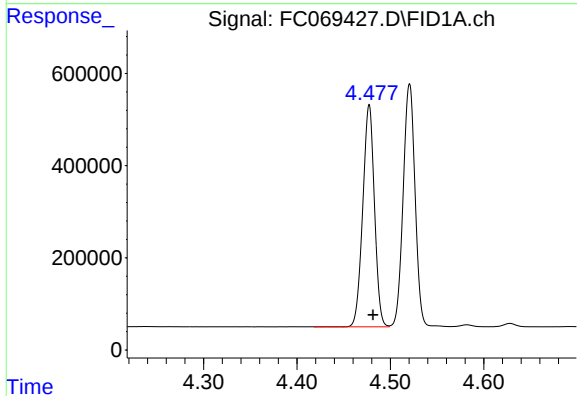
#1 n-Nonane (C9)

R.T.: 3.402 min
Delta R.T.: -0.008 min
Response: 3675300
Conc: 25.84 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-17MSD

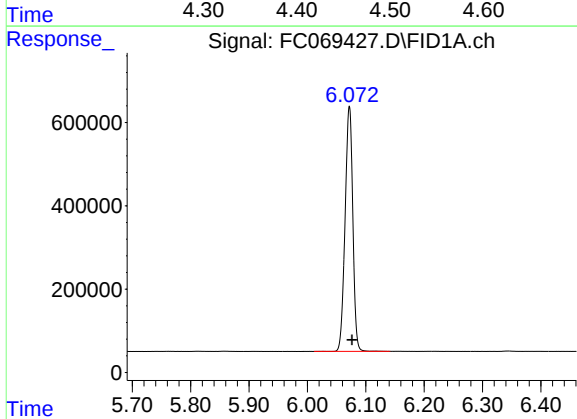
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



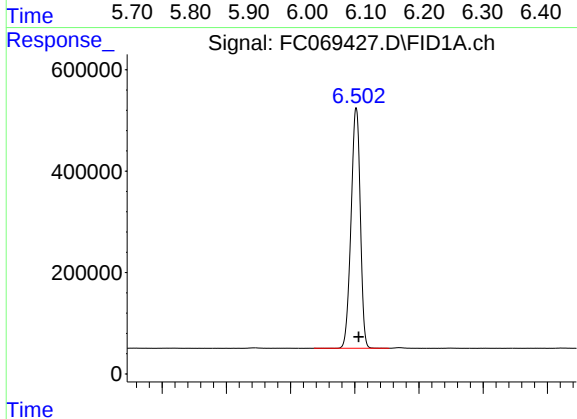
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.004 min
Response: 4186085
Conc: 28.59 ug/ml



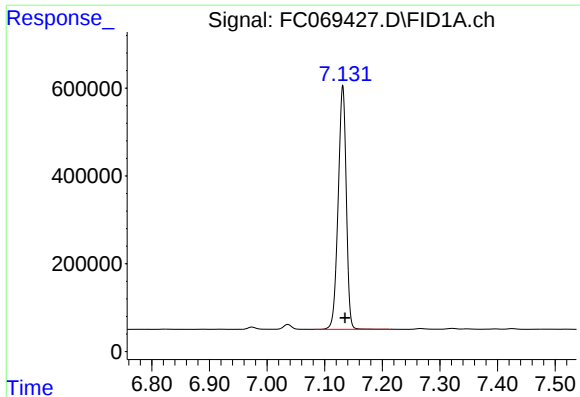
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: -0.005 min
Response: 5401476
Conc: 33.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.502 min
Delta R.T.: -0.004 min
Response: 4736065
Conc: 31.28 ug/ml



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

R.T.: 7.131 min
Delta R.T.: -0.004 min
Response: 5413772
Conc: 34.21 ug/ml

Instrument :

FID_C

ClientSampleId :

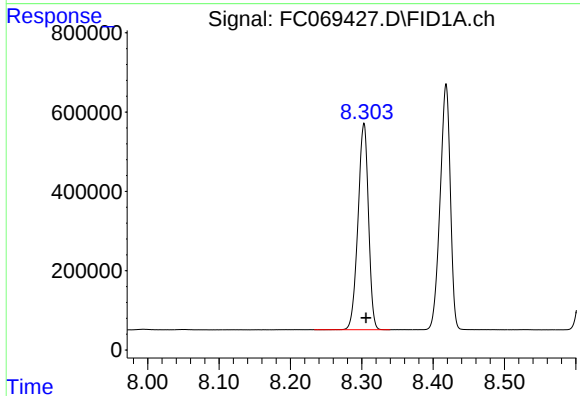
TP-17MSD

Manual Integrations

APPROVED

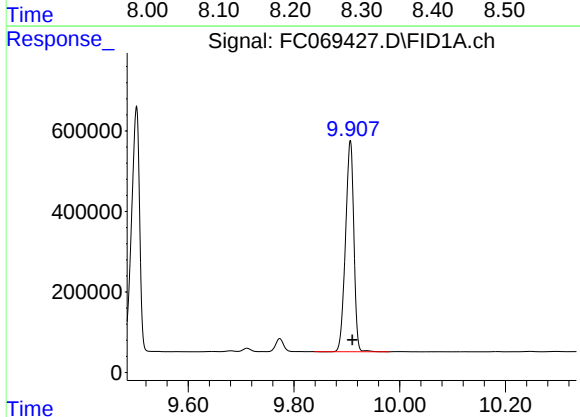
Reviewed By :Yogesh Patel 07/14/2025

Supervised By :mohammad ahmed 07/15/2025



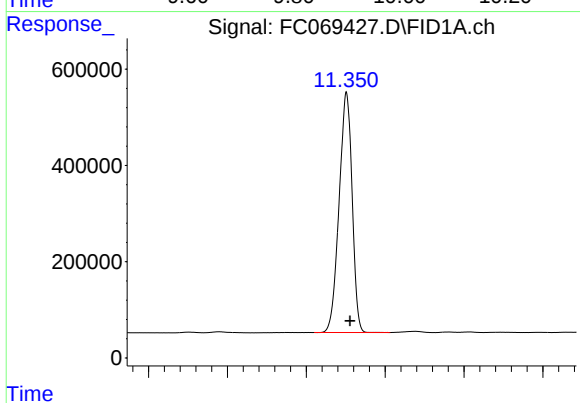
#6 n-Tetradecane (C14)

R.T.: 8.303 min
Delta R.T.: -0.003 min
Response: 5307215
Conc: 34.24 ug/ml



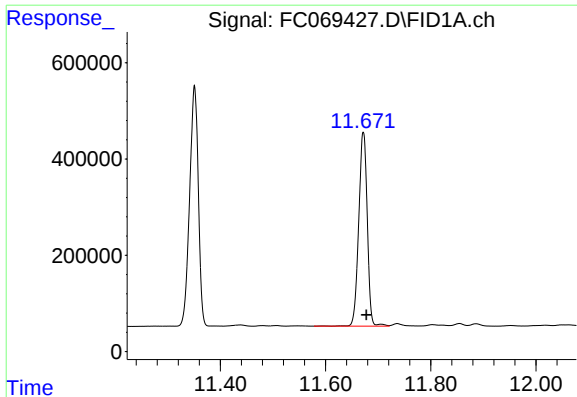
#7 n-Hexadecane (C16)

R.T.: 9.906 min
Delta R.T.: -0.004 min
Response: 5731585
Conc: 35.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: -0.005 min
Response: 5729065
Conc: 35.09 ug/ml



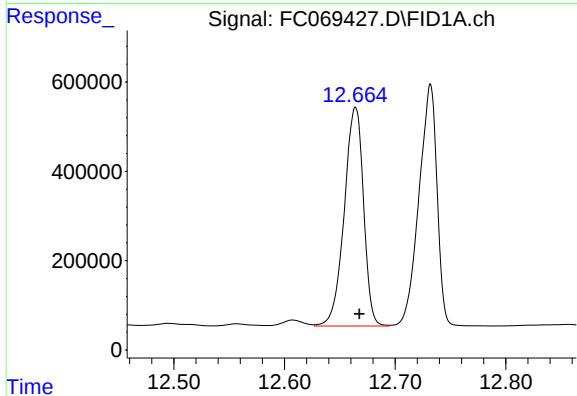
#9 ortho-Terphenyl (SURR)

R.T.: 11.672 min
Delta R.T.: -0.006 min
Response: 4532204
Conc: 26.23 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-17MSD

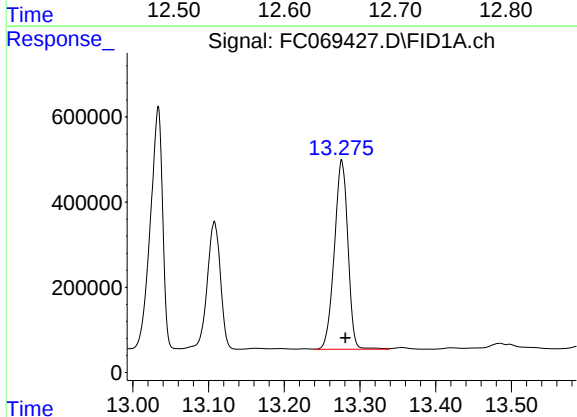
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



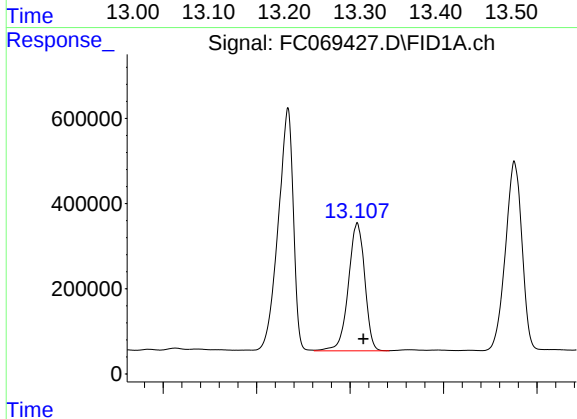
#10 n-Eicosane (C20)

R.T.: 12.664 min
Delta R.T.: -0.004 min
Response: 5936416
Conc: 38.89 ug/ml



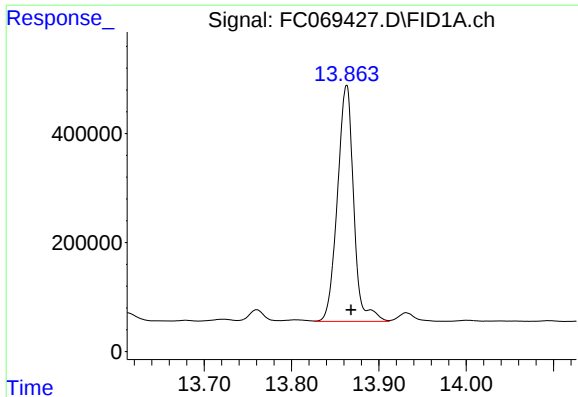
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: -0.005 min
Response: 5514533
Conc: 37.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.108 min
Delta R.T.: -0.007 min
Response: 3652449
Conc: 27.96 ug/ml



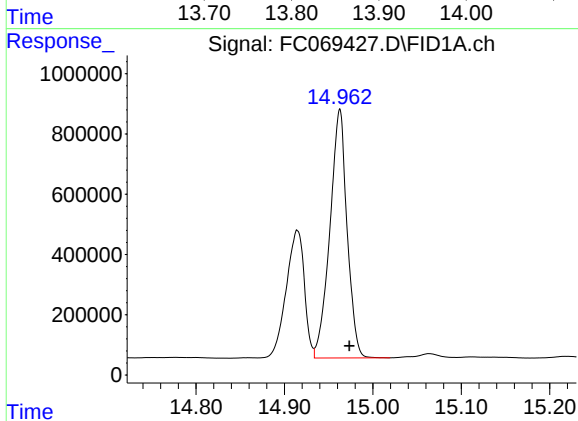
#13 n-Docosane (C22)

R.T.: 13.863 min
Delta R.T.: -0.005 min
Response: 5607488
Conc: 38.97 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-17MSD

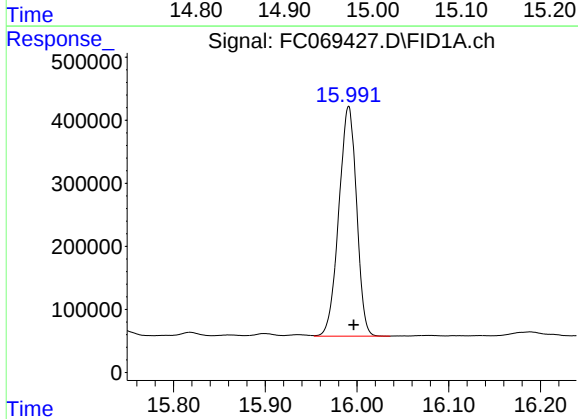
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



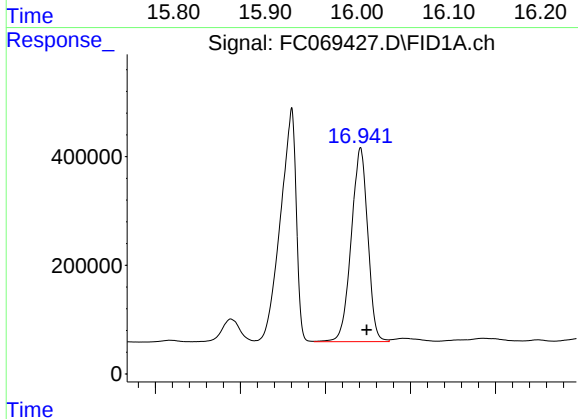
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: -0.011 min
Response: 11149241
Conc: 80.83 ug/ml



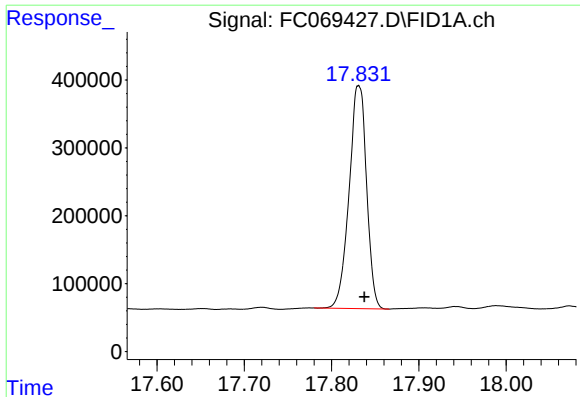
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: -0.006 min
Response: 4902056
Conc: 37.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.941 min
Delta R.T.: -0.007 min
Response: 4820548
Conc: 39.09 ug/ml



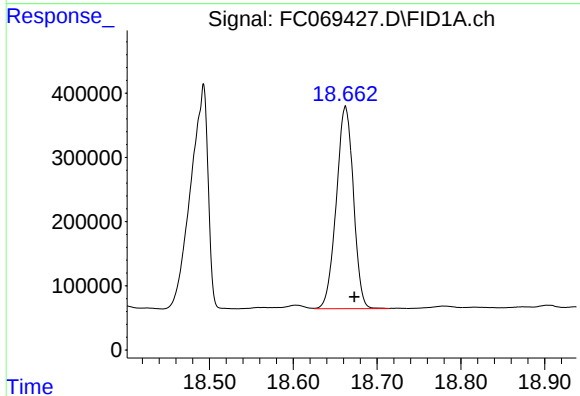
#17 n-Tricontane (C30)

R.T.: 17.831 min
Delta R.T.: -0.006 min
Response: 4566079
Conc: 38.41 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-17MSD

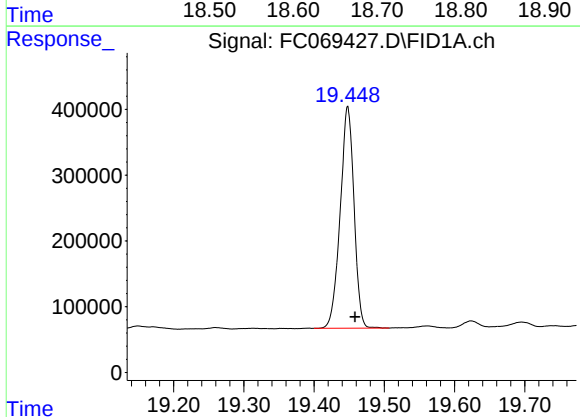
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



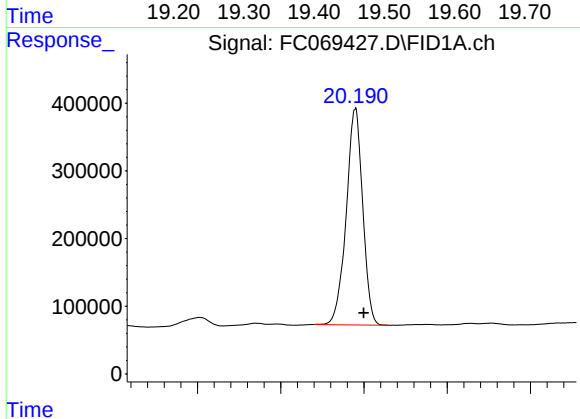
#18 n-Dotriacontane (C32)

R.T.: 18.662 min
Delta R.T.: -0.011 min
Response: 4470256
Conc: 40.88 ug/ml



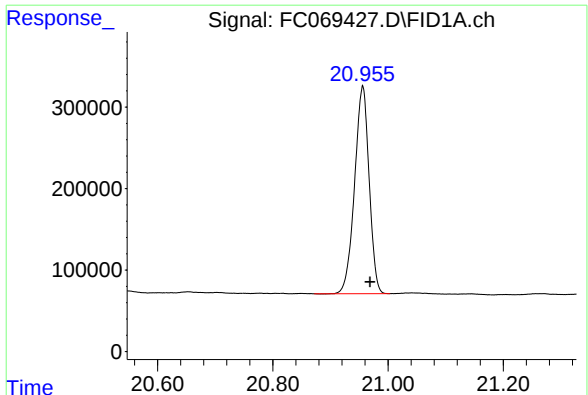
#19 n-Tetratriacontane (C34)

R.T.: 19.448 min
Delta R.T.: -0.010 min
Response: 4612987
Conc: 47.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.189 min
Delta R.T.: -0.010 min
Response: 4402143
Conc: 53.42 ug/ml



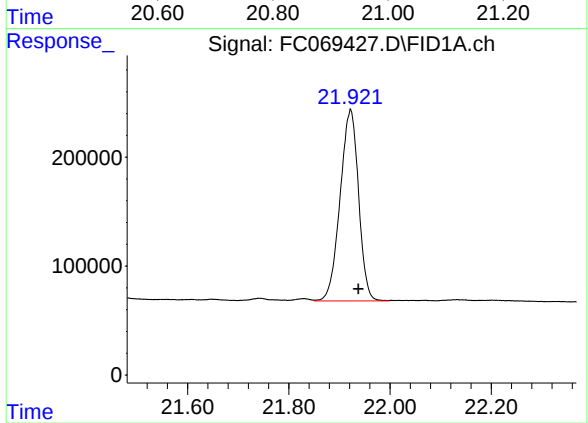
#21 n-Octatriacontane (C38)

R.T.: 20.956 min
Delta R.T.: -0.013 min
Response: 4455432
Conc: 59.62 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-17MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



#22 n-Tetracontane (C40)

R.T.: 21.921 min
Delta R.T.: -0.016 min
Response: 4443355
Conc: 62.74 ug/ml m