

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
 Data File : FG016389.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 09:24
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/27/2025
 Supervised By :mohammad ahmed 08/28/2025

Integration File: autoint1.e
 Quant Time: Aug 27 04:14:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.199	4687779	49.203 ug/ml
Target Compounds			
1) N-OCTANE	2.114	4629356	43.624 ug/ml
2) N-DECANE	4.663	5082759	47.034 ug/ml
3) N-DODECANE	6.847	5187357	47.731 ug/ml
4) N-TETRADECANE	8.688	5250837	48.023 ug/ml
5) N-HEXADECANE	10.308	5322326	48.964 ug/ml
6) N-OCTADECANE	11.764	5448656	49.258 ug/ml
7) N-EICOSANE	13.085	5477414	48.462 ug/ml
8) N-DOCOSANE	14.293	5330420	48.520 ug/ml
10) N-TETRACOSANE	15.405	5326232	48.610 ug/ml
11) N-HEXACOSANE	16.434	5267145	49.250 ug/ml
12) N-OCTACOSANE	17.392	5249376	48.726 ug/ml
13) N-TRIACONTANE	18.285	5452836	50.045 ug/ml
14) N-DOTRIACONTANE	19.125	5458221	51.820 ug/ml
15) N-TETRATRIACONTANE	19.914	4833498	50.726 ug/ml
16) N-HEXATRIACONTANE	20.656	3983703	53.315 ug/mlm
17) N-OCTATRIACONTANE	21.450	3421568	57.066 ug/mlm
18) N-TETRACONTANE	22.457	3101208	73.782 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
Data File : FG016389.D
Signal(s) : FID1A.ch
Acq On : 26 Aug 2025 09:24
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

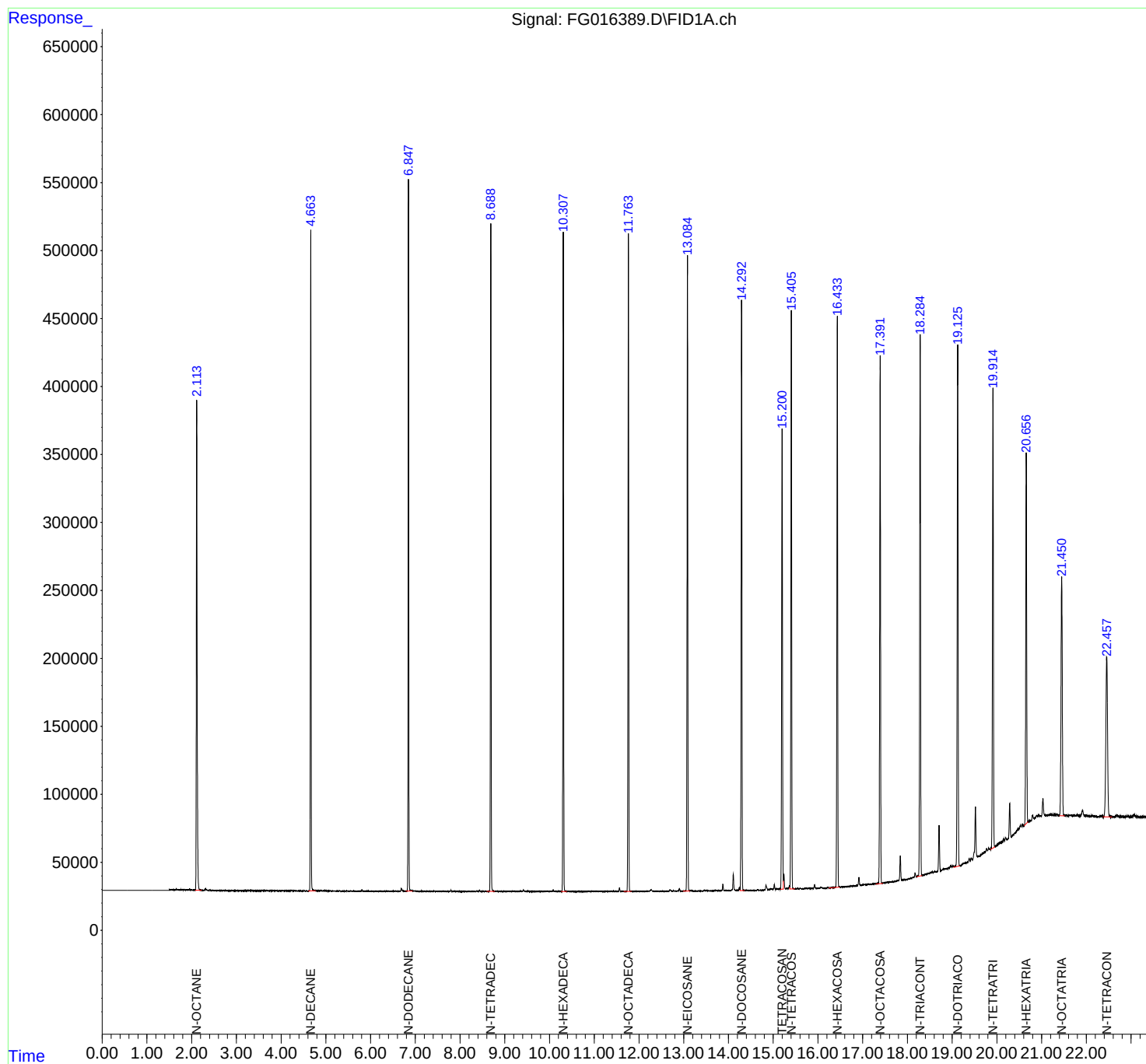
Instrument :
FID_G
ClientSampleId :

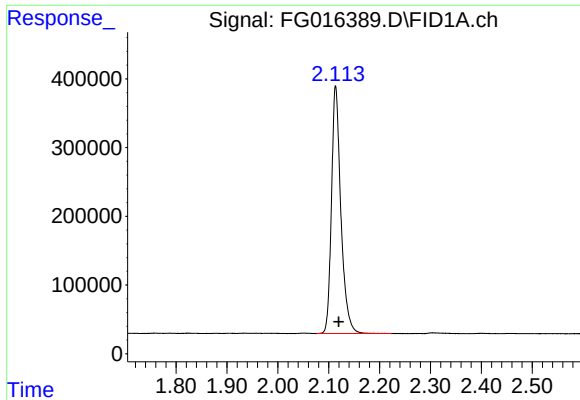
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/27/2025
Supervised By :mohammad ahmed 08/28/2025

Integration File: autoint1.e
Quant Time: Aug 27 04:14:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





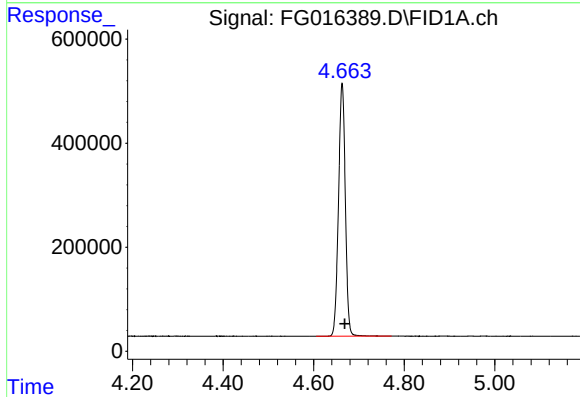
#1 N-OCTANE

R.T.: 2.114 min
Delta R.T.: -0.006 min
Response: 4629356
Conc: 43.62 ug/ml

Instrument :
FID_G
ClientSampleId :

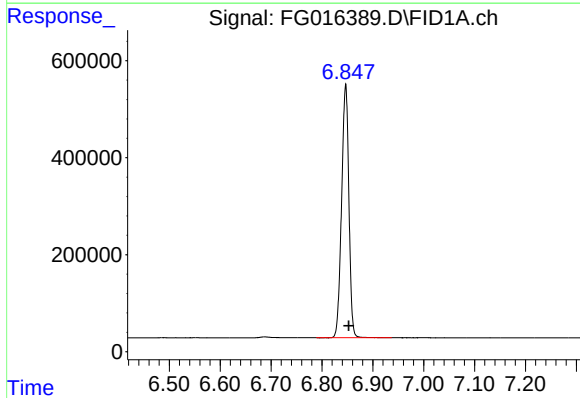
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/27/2025
Supervised By :mohammad ahmed 08/28/2025



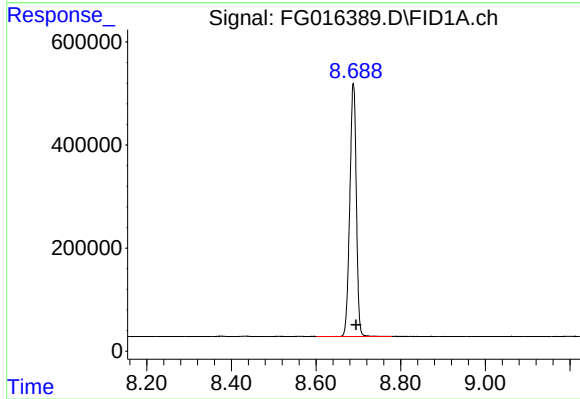
#2 N-DECANE

R.T.: 4.663 min
Delta R.T.: -0.005 min
Response: 5082759
Conc: 47.03 ug/ml



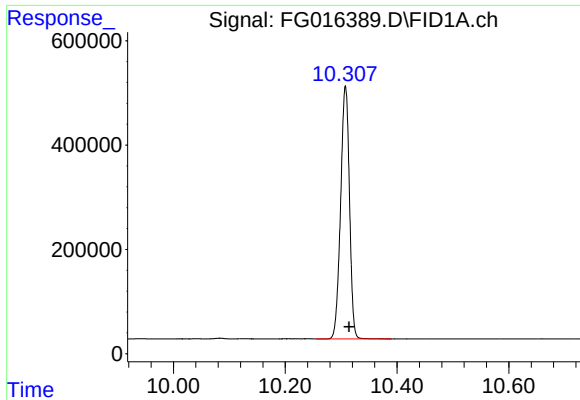
#3 N-DODECANE

R.T.: 6.847 min
Delta R.T.: -0.006 min
Response: 5187357
Conc: 47.73 ug/ml



#4 N-TETRADECANE

R.T.: 8.688 min
Delta R.T.: -0.006 min
Response: 5250837
Conc: 48.02 ug/ml



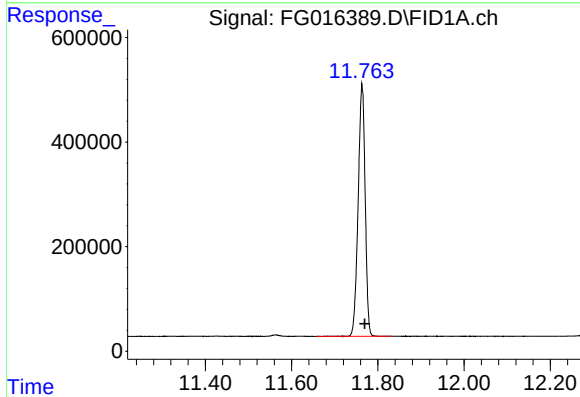
#5 N-HEXADECANE

R.T.: 10.308 min
Delta R.T.: -0.007 min
Response: 5322326
Conc: 48.96 ug/ml

Instrument :
FID_G
ClientSampleId :

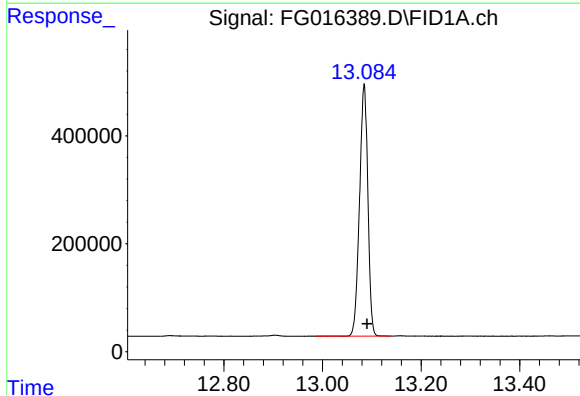
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/27/2025
Supervised By :mohammad ahmed 08/28/2025



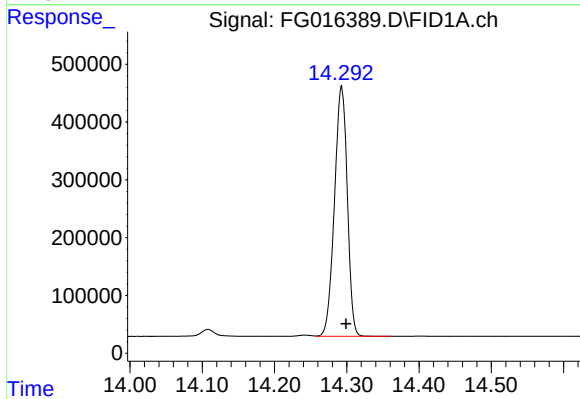
#6 N-OCTADECANE

R.T.: 11.764 min
Delta R.T.: -0.006 min
Response: 5448656
Conc: 49.26 ug/ml



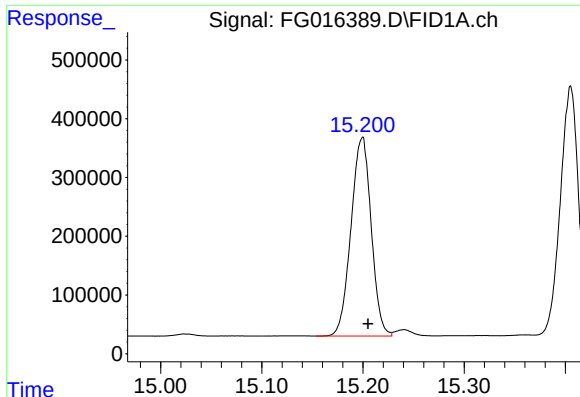
#7 N-EICOSANE

R.T.: 13.085 min
Delta R.T.: -0.006 min
Response: 5477414
Conc: 48.46 ug/ml



#8 N-DOCOSANE

R.T.: 14.293 min
Delta R.T.: -0.007 min
Response: 5330420
Conc: 48.52 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.199 min
Delta R.T.: -0.006 min
Response: 4687779
Conc: 49.20 ug/ml

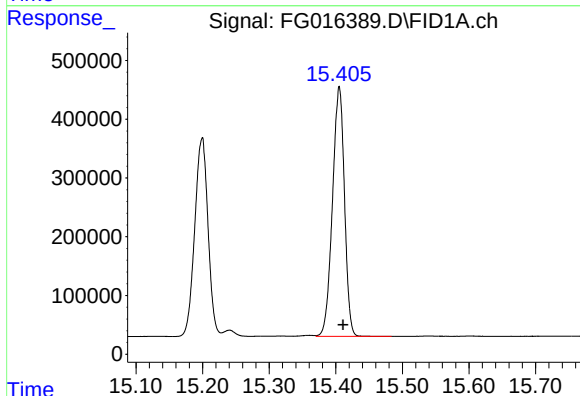
Instrument :

FID_G

ClientSampleId :

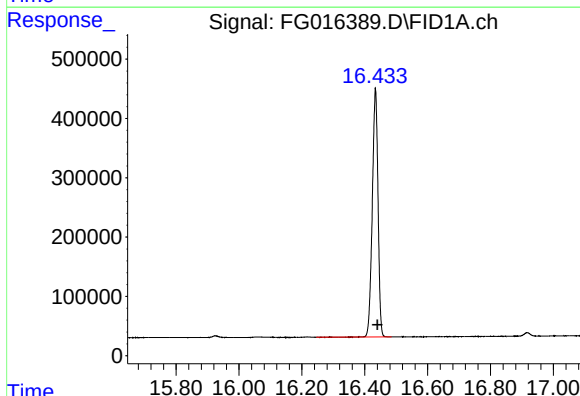
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/27/2025
Supervised By :mohammad ahmed 08/28/2025



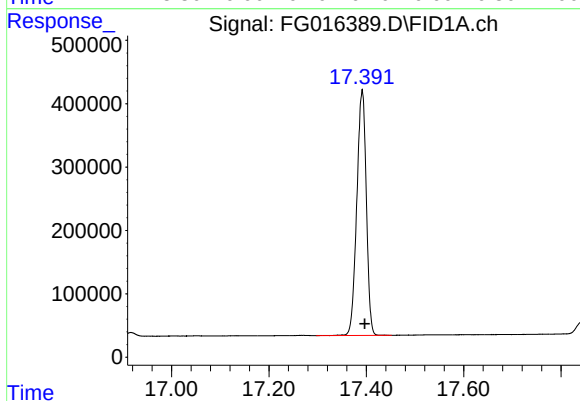
#10 N-TETRACOSANE

R.T.: 15.405 min
Delta R.T.: -0.006 min
Response: 5326232
Conc: 48.61 ug/ml



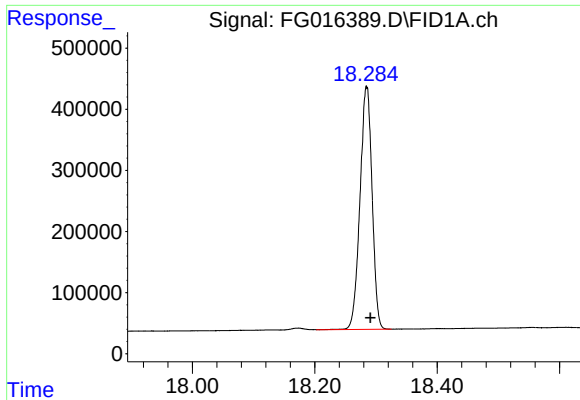
#11 N-HEXACOSANE

R.T.: 16.434 min
Delta R.T.: -0.006 min
Response: 5267145
Conc: 49.25 ug/ml



#12 N-OCTACOSANE

R.T.: 17.392 min
Delta R.T.: -0.005 min
Response: 5249376
Conc: 48.73 ug/ml



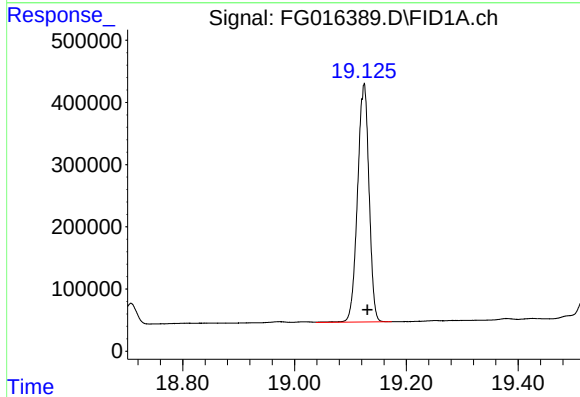
#13 N-TRIACONTANE

R.T.: 18.285 min
Delta R.T.: -0.006 min
Response: 5452836
Conc: 50.04 ug/ml

Instrument :
FID_G
ClientSampleId :

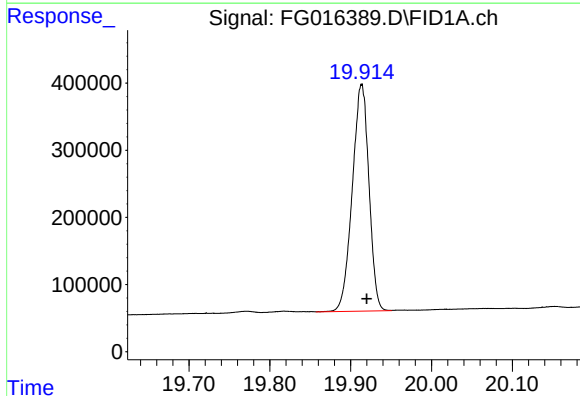
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/27/2025
Supervised By :mohammad ahmed 08/28/2025



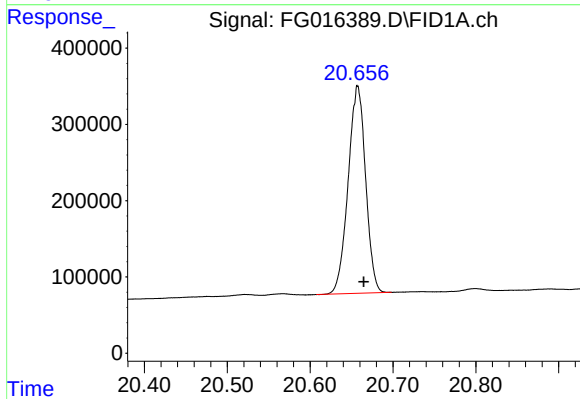
#14 N-DOTRIACONTANE

R.T.: 19.125 min
Delta R.T.: -0.005 min
Response: 5458221
Conc: 51.82 ug/ml



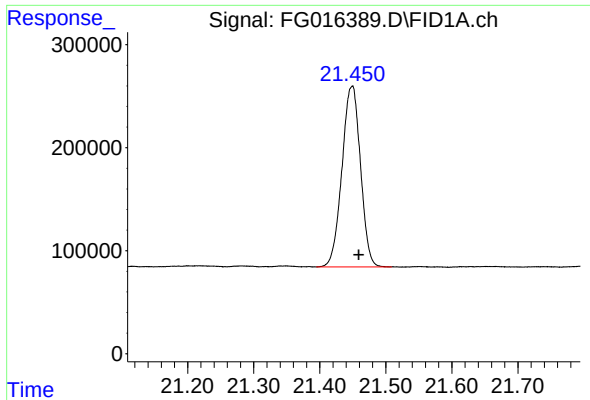
#15 N-TETRATRIACONTANE

R.T.: 19.914 min
Delta R.T.: -0.006 min
Response: 4833498
Conc: 50.73 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.656 min
Delta R.T.: -0.009 min
Response: 3983703
Conc: 53.32 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.450 min
Delta R.T.: -0.009 min
Response: 3421568
Conc: 57.07 ug/ml

Instrument :

FID_G

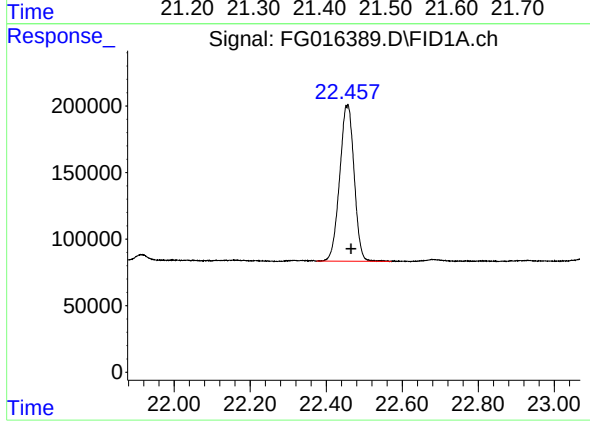
ClientSampleId :

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/27/2025

Supervised By :mohammad ahmed 08/28/2025



#18 N-TETRACONTANE

R.T.: 22.457 min
Delta R.T.: -0.009 min
Response: 3101208
Conc: 73.78 ug/ml