

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
 Data File : FG016380.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2025 19:34
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2025
 Supervised By :mohammad ahmed 08/27/2025

Integration File: autoint1.e
 Quant Time: Aug 26 07:47:05 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...	15.201	4346328	45.619 ug/ml
Target Compounds			
1) N-OCTANE	2.114	4490245	42.313 ug/ml
2) N-DECANE	4.665	4799600	44.414 ug/ml
3) N-DODECANE	6.849	4854891	44.672 ug/ml
4) N-TETRADECANE	8.690	4872868	44.566 ug/ml
5) N-HEXADECANE	10.310	4905061	45.126 ug/ml
6) N-OCTADECANE	11.765	5007804	45.272 ug/ml
7) N-EICOSANE	13.087	5037644	44.571 ug/ml
8) N-DOCOSANE	14.295	4913344	44.724 ug/ml
10) N-TETRACOSANE	15.407	4911929	44.828 ug/ml
11) N-HEXACOSANE	16.436	4888420	45.708 ug/ml
12) N-OCTACOSANE	17.394	4890644	45.396 ug/ml
13) N-TRIACONTANE	18.288	5103642	46.840 ug/ml
14) N-DOTRIACONTANE	19.127	5058251	48.022 ug/ml
15) N-TETRATRIACONTANE	19.915	4445367	46.653 ug/ml
16) N-HEXATRIACONTANE	20.660	3594359	48.104 ug/ml
17) N-OCTATRIACONTANE	21.452	2949578	49.194 ug/ml
18) N-TETRACONTANE	22.459	2586585	61.539 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016380.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 19:34
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

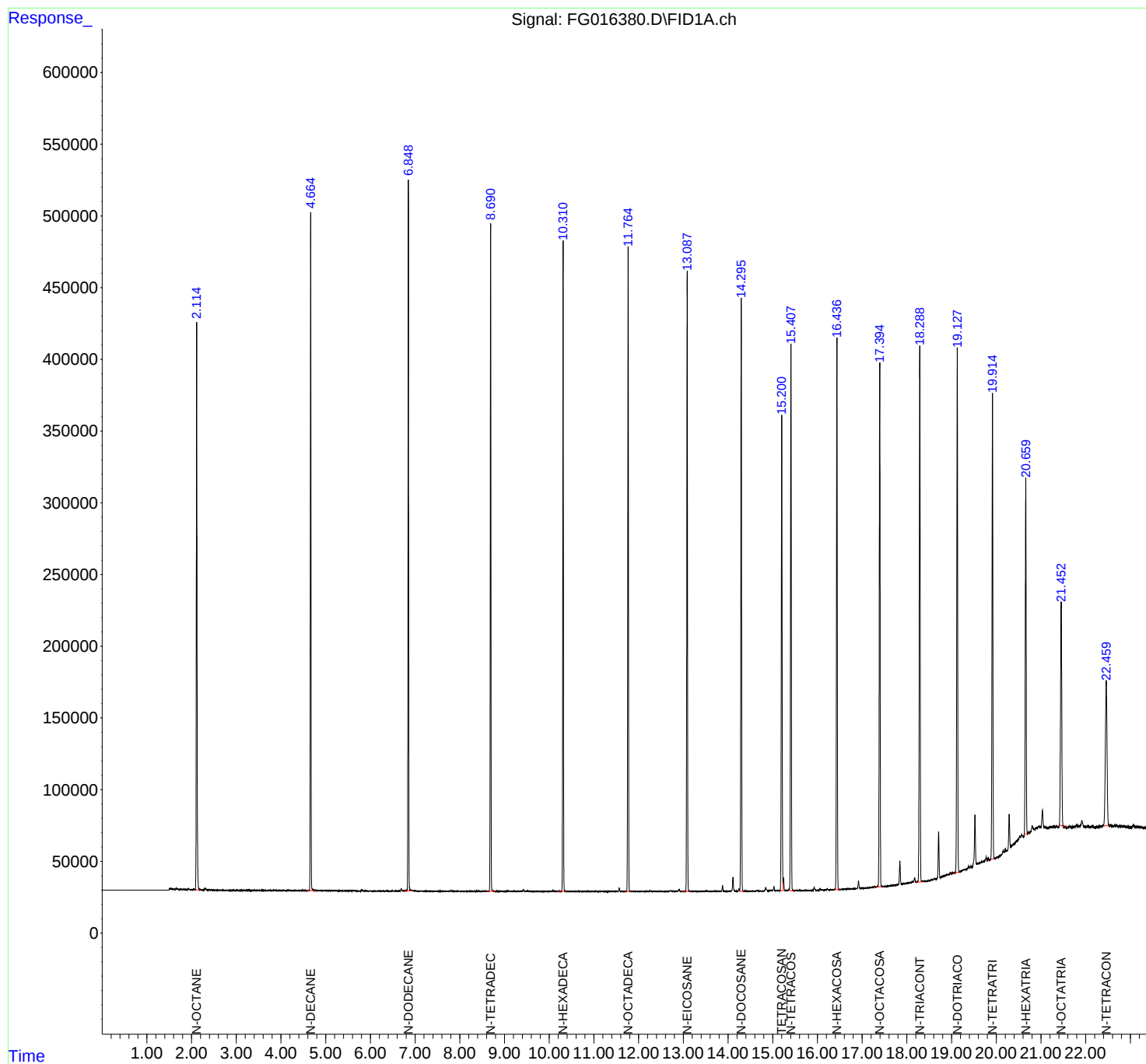
Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

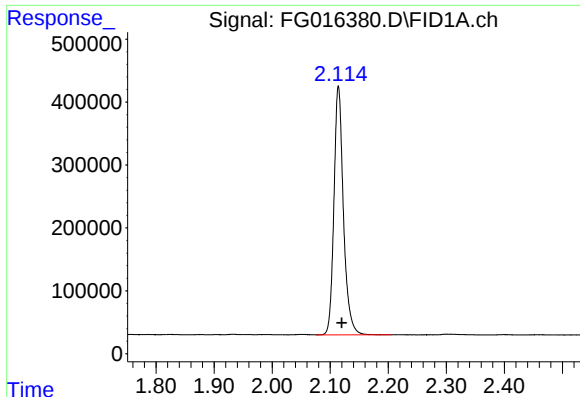
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File: autoint1.e
Quant Time: Aug 26 07:47:05 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





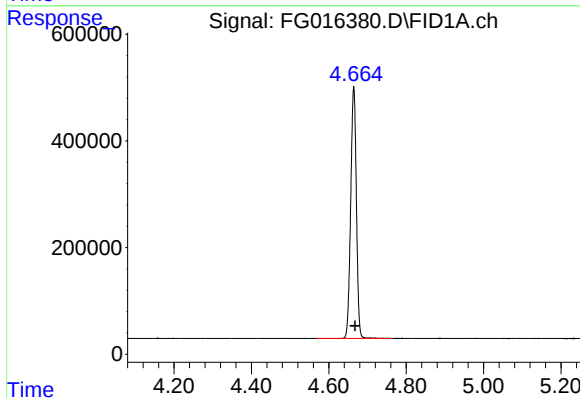
#1 N-OCTANE

R.T.: 2.114 min
Delta R.T.: -0.006 min
Response: 4490245
Conc: 42.31 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

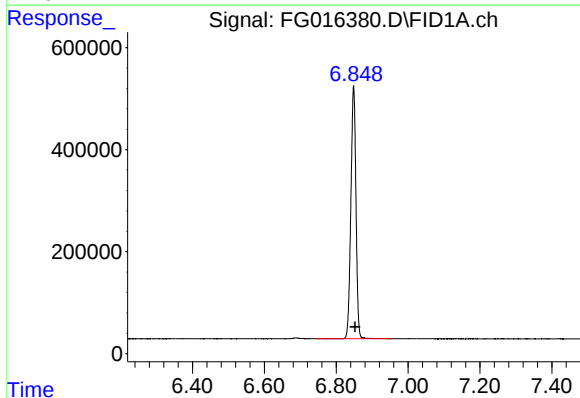
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025



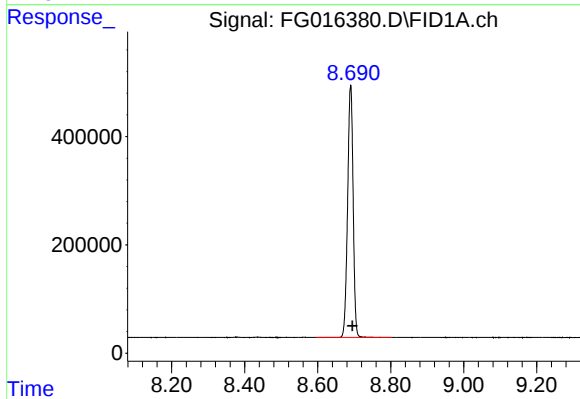
#2 N-DECANE

R.T.: 4.665 min
Delta R.T.: -0.004 min
Response: 4799600
Conc: 44.41 ug/ml



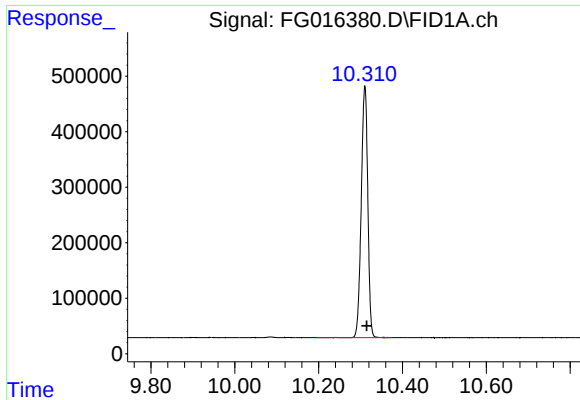
#3 N-DODECANE

R.T.: 6.849 min
Delta R.T.: -0.004 min
Response: 4854891
Conc: 44.67 ug/ml



#4 N-TETRADECANE

R.T.: 8.690 min
Delta R.T.: -0.005 min
Response: 4872868
Conc: 44.57 ug/ml



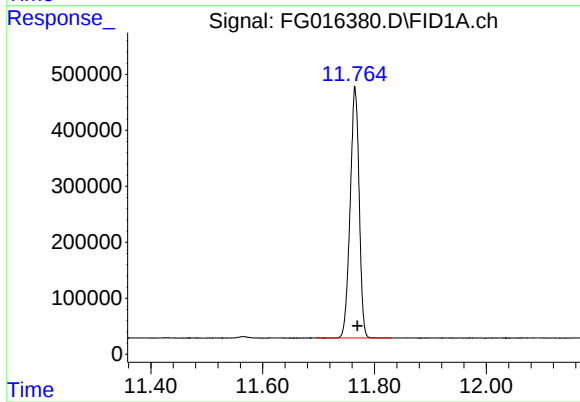
#5 N-HEXADECANE

R.T.: 10.310 min
Delta R.T.: -0.004 min
Response: 4905061
Conc: 45.13 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

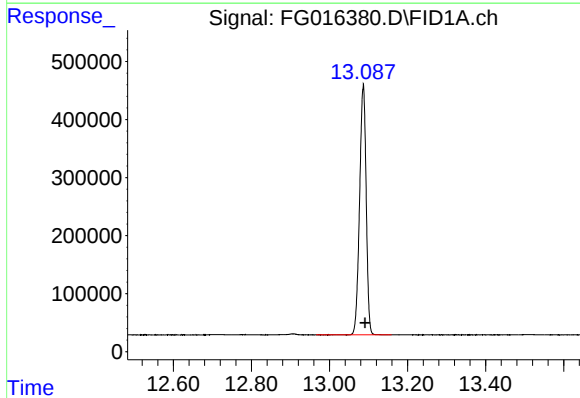
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025



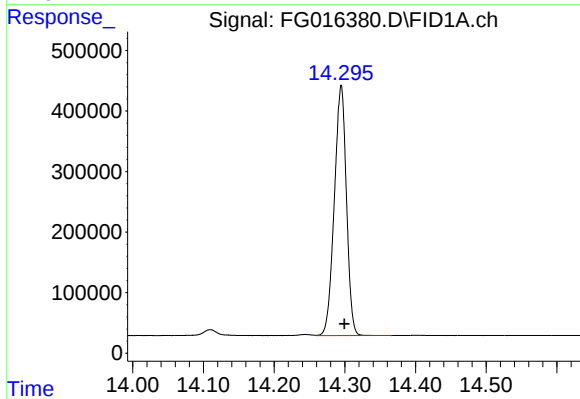
#6 N-OCTADECANE

R.T.: 11.765 min
Delta R.T.: -0.005 min
Response: 5007804
Conc: 45.27 ug/ml



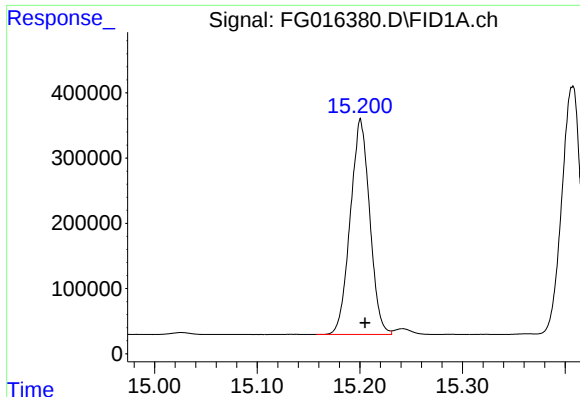
#7 N-EICOSANE

R.T.: 13.087 min
Delta R.T.: -0.004 min
Response: 5037644
Conc: 44.57 ug/ml



#8 N-DOCOSANE

R.T.: 14.295 min
Delta R.T.: -0.004 min
Response: 4913344
Conc: 44.72 ug/ml



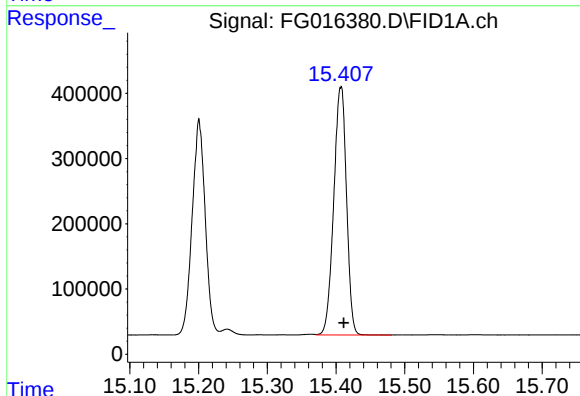
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.201 min
Delta R.T.: -0.004 min
Response: 4346328
Conc: 45.62 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

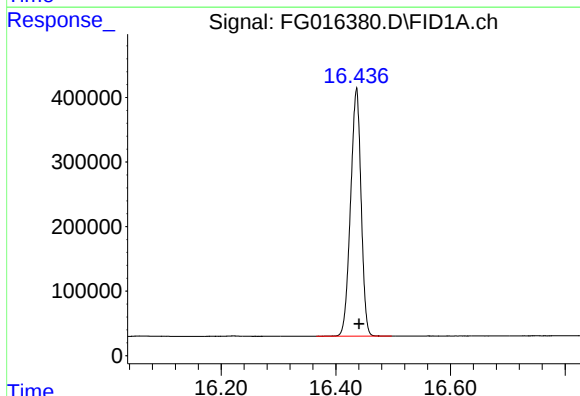
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025



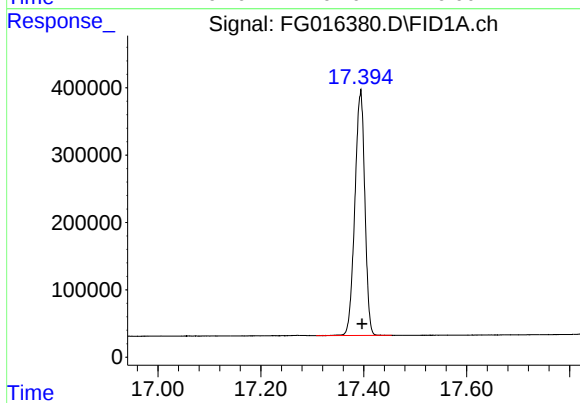
#10 N-TETRACOSANE

R.T.: 15.407 min
Delta R.T.: -0.004 min
Response: 4911929
Conc: 44.83 ug/ml



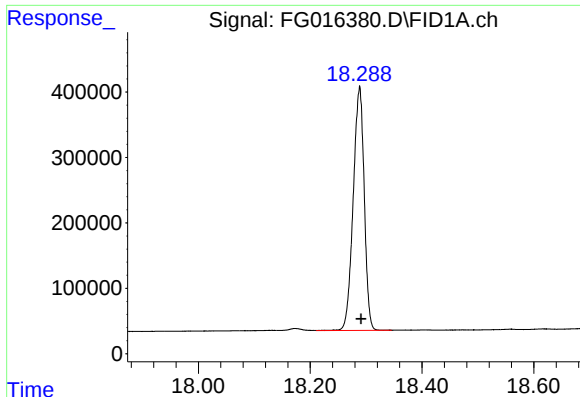
#11 N-HEXACOSANE

R.T.: 16.436 min
Delta R.T.: -0.004 min
Response: 4888420
Conc: 45.71 ug/ml



#12 N-OCTACOSANE

R.T.: 17.394 min
Delta R.T.: -0.003 min
Response: 4890644
Conc: 45.40 ug/ml



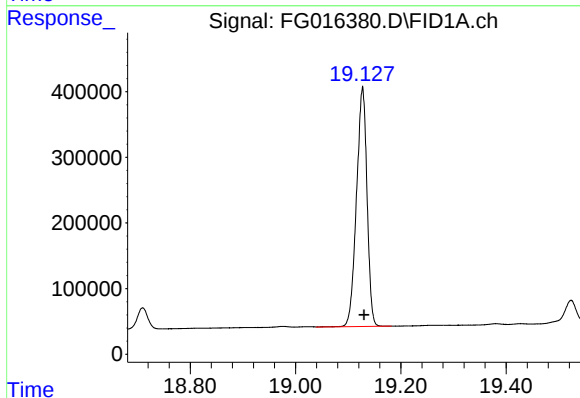
#13 N-TRIACONTANE

R.T.: 18.288 min
Delta R.T.: -0.003 min
Response: 5103642
Conc: 46.84 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

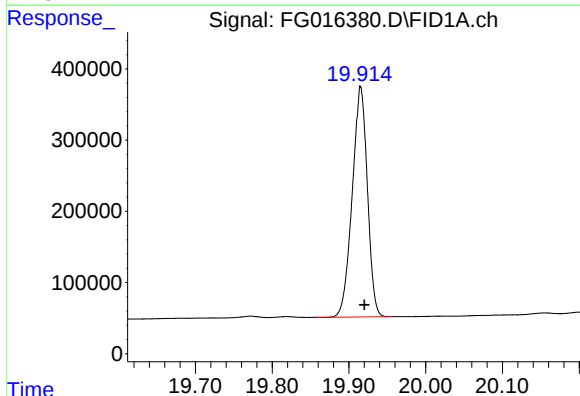
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025



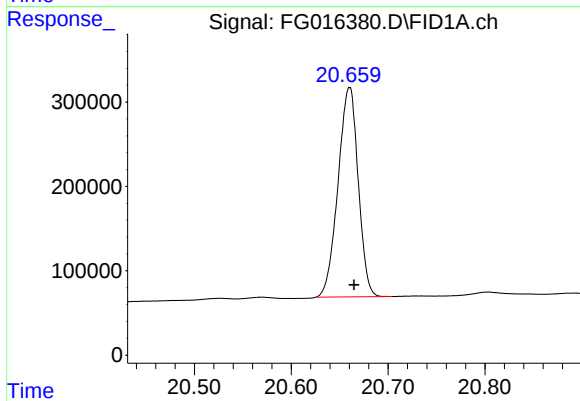
#14 N-DOTRIACONTANE

R.T.: 19.127 min
Delta R.T.: -0.003 min
Response: 5058251
Conc: 48.02 ug/ml



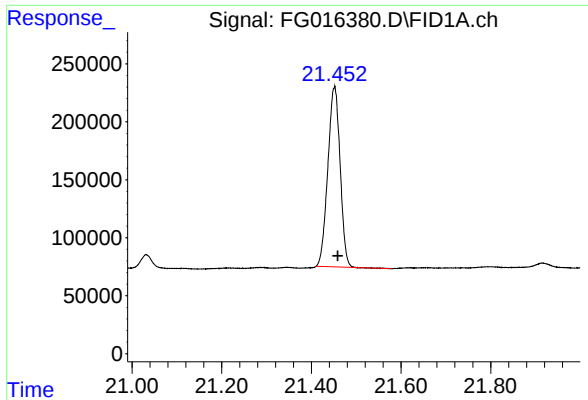
#15 N-TETRATRIACONTANE

R.T.: 19.915 min
Delta R.T.: -0.005 min
Response: 4445367
Conc: 46.65 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.660 min
Delta R.T.: -0.005 min
Response: 3594359
Conc: 48.10 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.452 min
Delta R.T.: -0.007 min
Response: 2949578
Conc: 49.19 ug/ml

Instrument :

FID_G

ClientSampleId :

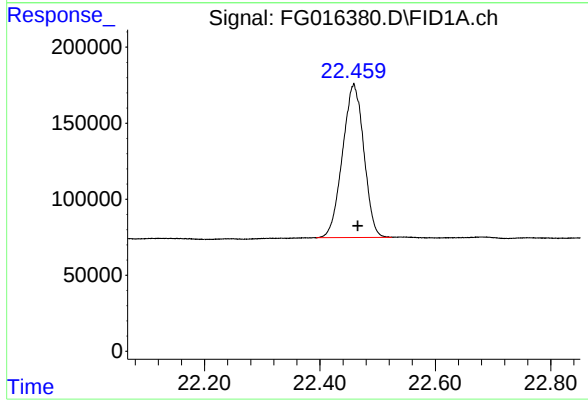
50 PPM TRPH STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2025

Supervised By :mohammad ahmed 08/27/2025



#18 N-TETRACONTANE

R.T.: 22.459 min
Delta R.T.: -0.007 min
Response: 2586585
Conc: 61.54 ug/ml m