

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090425\
 Data File : FG016552.D
 Signal(s) : FID1A.ch
 Acq On : 04 Sep 2025 18:14
 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 09/05/2025
 Supervised By :mohammad ahmed 09/08/2025

Integration File: Sample.e
 Quant Time: Sep 05 03:49:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Thu Sep 04 10:24:25 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...	15.191	4219857	44.292 ug/ml
Target Compounds			
1) N-OCTANE	2.106	4640132	43.726 ug/ml
2) N-DECANE	4.655	4905086	45.390 ug/ml
3) N-DODECANE	6.839	4981228	45.835 ug/ml
4) N-TETRADECANE	8.681	5035221	46.051 ug/ml
5) N-HEXADECANE	10.300	4986931	45.879 ug/ml
6) N-OCTADECANE	11.755	5046456	45.622 ug/ml
7) N-EICOSANE	13.075	5108284	45.196 ug/ml
8) N-DOCOSANE	14.284	4899413	44.597 ug/ml
10) N-TETRACOSANE	15.396	4830620	44.086 ug/ml
11) N-HEXACOSANE	16.426	4624981	43.245 ug/mlm
12) N-OCTACOSANE	17.382	4627541	42.954 ug/mlm
13) N-TRIACONTANE	18.276	4725021	43.365 ug/ml
14) N-DOTRIACONTANE	19.113	4572631	43.412 ug/mlm
15) N-TETRATRIACONTANE	19.904	4315532	45.290 ug/ml
16) N-HEXATRIACONTANE	20.648	3495408	46.780 ug/mlm
17) N-OCTATRIACONTANE	21.436	3326952	55.488 ug/mlm
18) N-TETRACONTANE	22.441	2945320	70.073 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090425\
Data File : FG016552.D
Signal(s) : FID1A.ch
Acq On : 04 Sep 2025 18:14
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

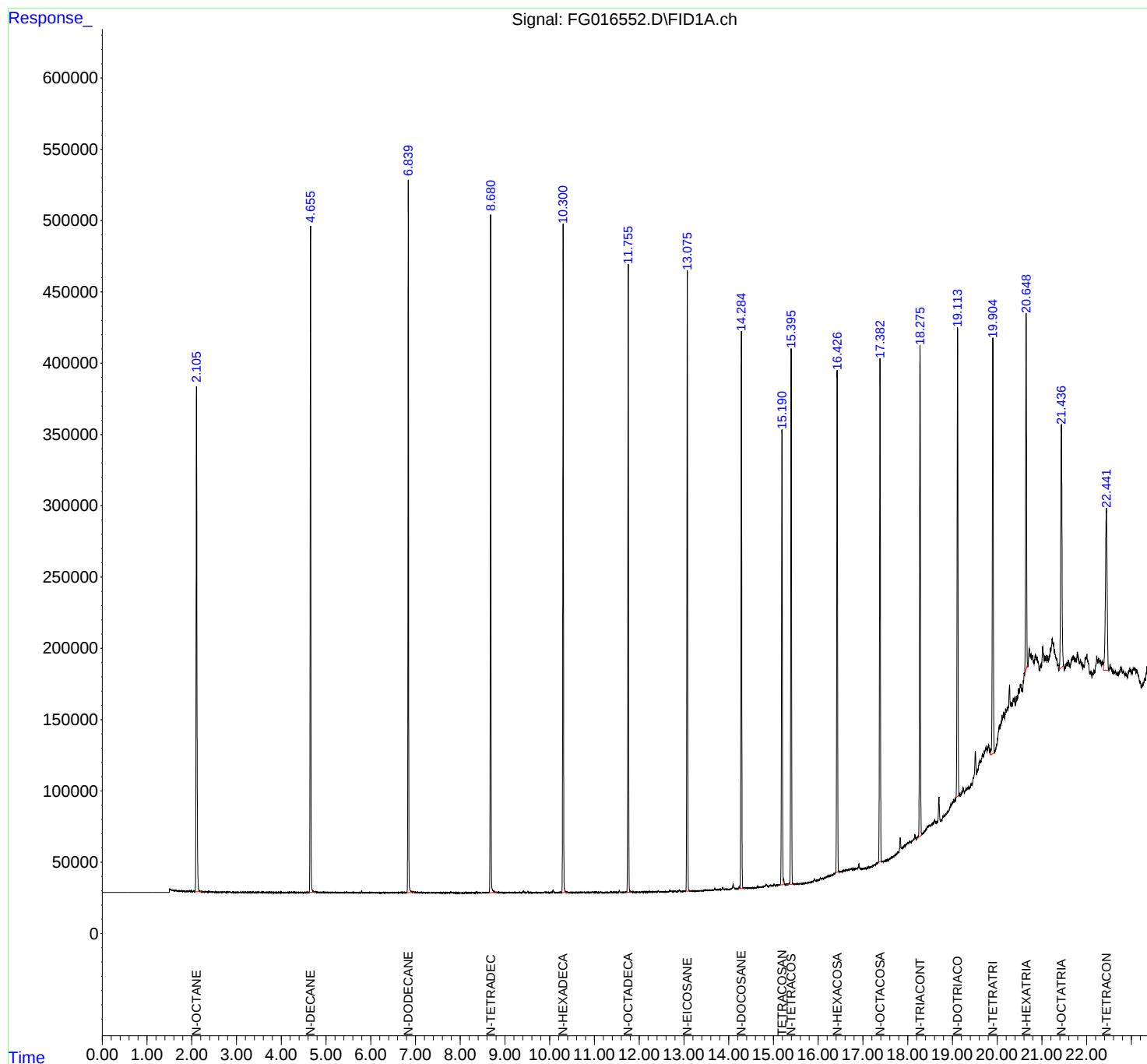
Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

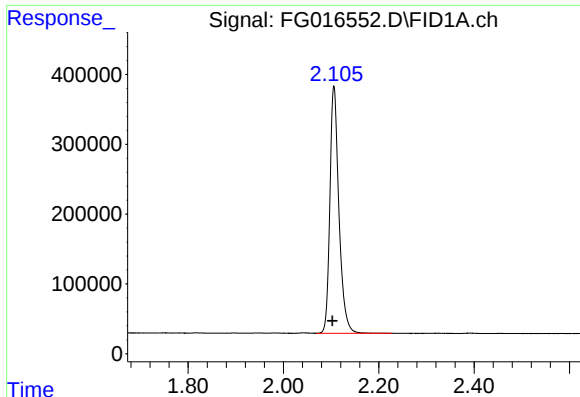
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File: Sample.e
Quant Time: Sep 05 03:49:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Thu Sep 04 10:24:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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





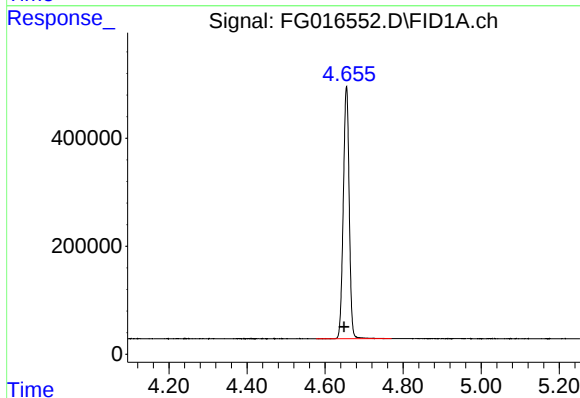
#1 N-OCTANE

R.T.: 2.106 min
Delta R.T.: 0.003 min
Response: 4640132
Conc: 43.73 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

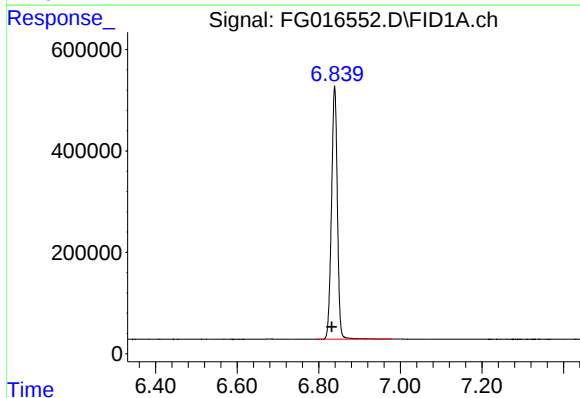
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



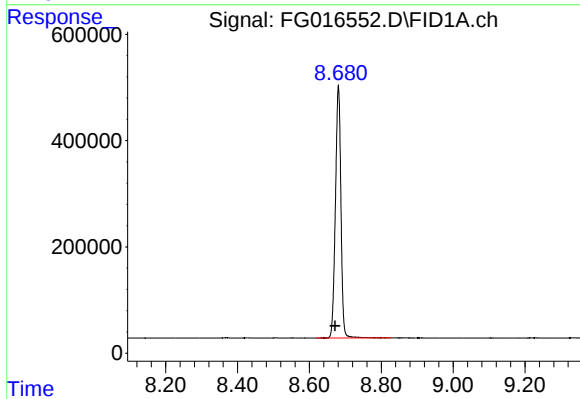
#2 N-DECANE

R.T.: 4.655 min
Delta R.T.: 0.006 min
Response: 4905086
Conc: 45.39 ug/ml



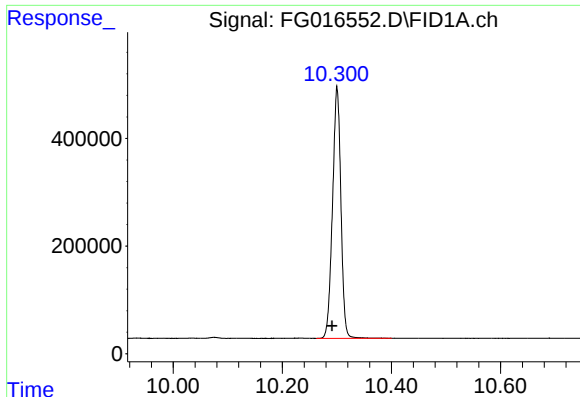
#3 N-DODECANE

R.T.: 6.839 min
Delta R.T.: 0.007 min
Response: 4981228
Conc: 45.83 ug/ml



#4 N-TETRADECANE

R.T.: 8.681 min
Delta R.T.: 0.009 min
Response: 5035221
Conc: 46.05 ug/ml



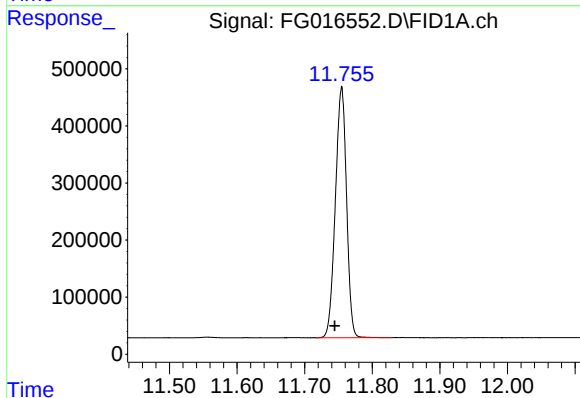
#5 N-HEXADECANE

R.T.: 10.300 min
Delta R.T.: 0.009 min
Response: 4986931
Conc: 45.88 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

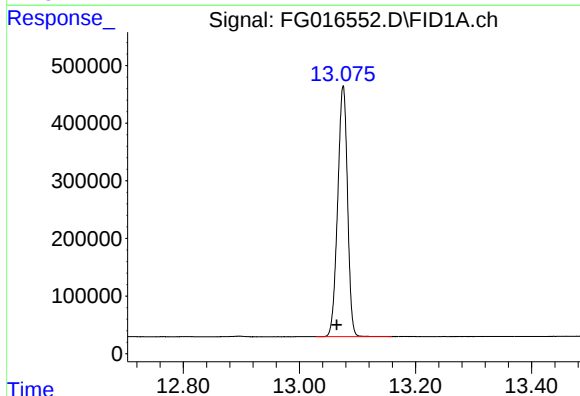
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



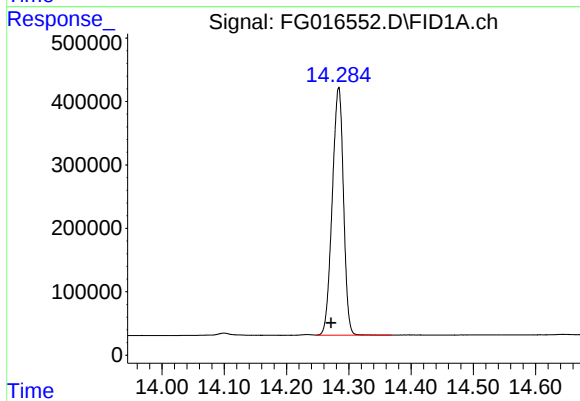
#6 N-OCTADECANE

R.T.: 11.755 min
Delta R.T.: 0.010 min
Response: 5046456
Conc: 45.62 ug/ml



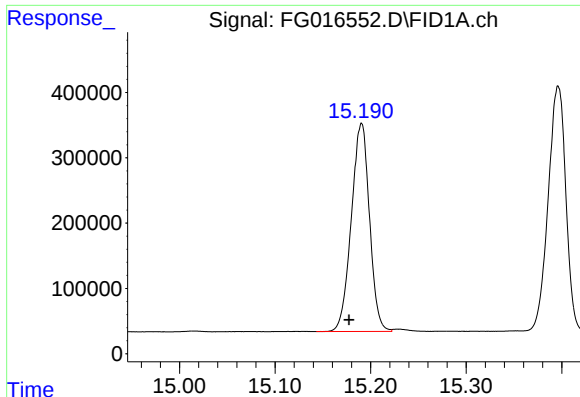
#7 N-EICOSANE

R.T.: 13.075 min
Delta R.T.: 0.011 min
Response: 5108284
Conc: 45.20 ug/ml



#8 N-DOCOSANE

R.T.: 14.284 min
Delta R.T.: 0.012 min
Response: 4899413
Conc: 44.60 ug/ml



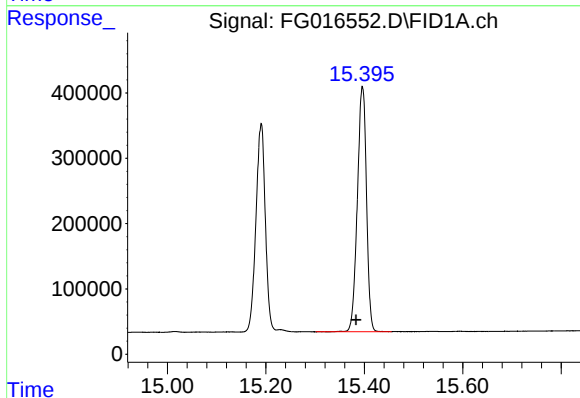
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.191 min
Delta R.T.: 0.013 min
Response: 4219857
Conc: 44.29 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

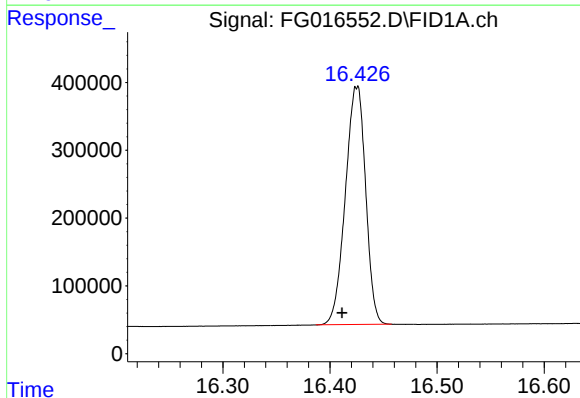
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



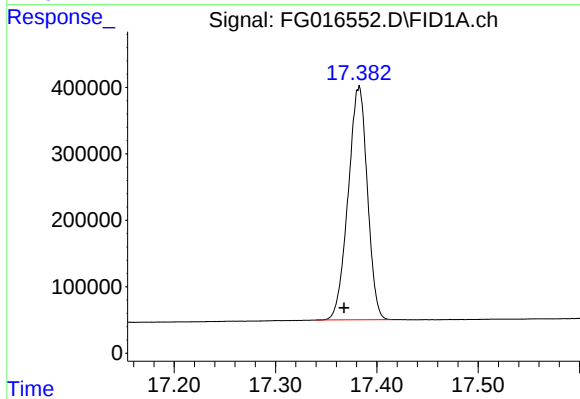
#10 N-TETRACOSANE

R.T.: 15.396 min
Delta R.T.: 0.013 min
Response: 4830620
Conc: 44.09 ug/ml



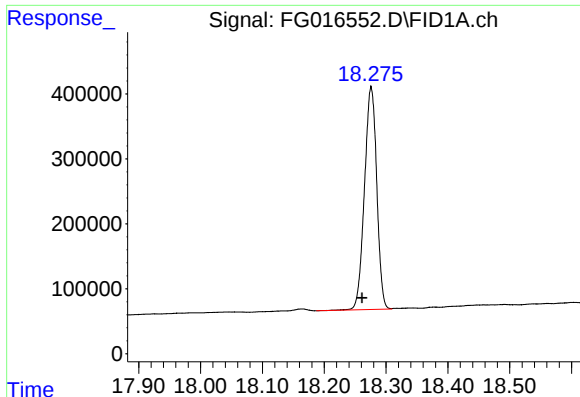
#11 N-HEXACOSANE

R.T.: 16.426 min
Delta R.T.: 0.015 min
Response: 4624981
Conc: 43.25 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.382 min
Delta R.T.: 0.015 min
Response: 4627541
Conc: 42.95 ug/ml m



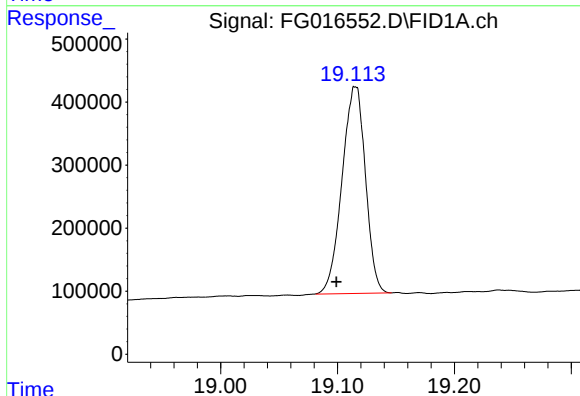
#13 N-TRIACONTANE

R.T.: 18.276 min
Delta R.T.: 0.014 min
Response: 4725021
Conc: 43.37 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

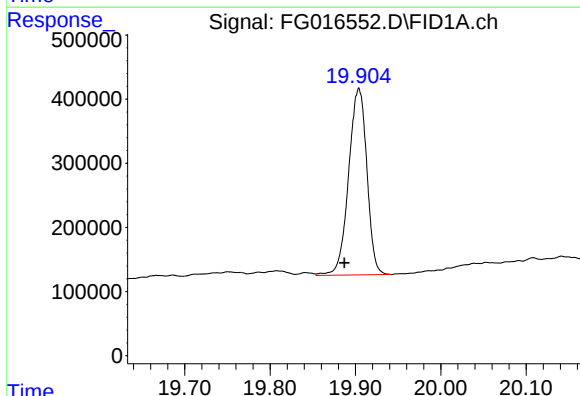
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



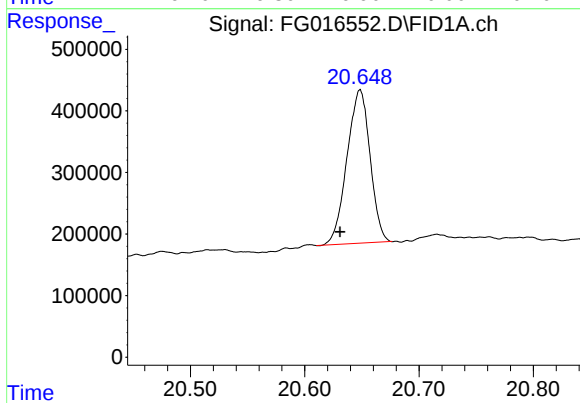
#14 N-DOTRIACONTANE

R.T.: 19.113 min
Delta R.T.: 0.014 min
Response: 4572631
Conc: 43.41 ug/ml m



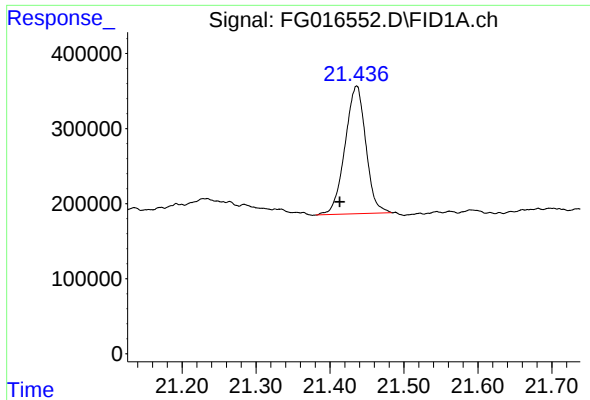
#15 N-TETRATRIACONTANE

R.T.: 19.904 min
Delta R.T.: 0.017 min
Response: 4315532
Conc: 45.29 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.648 min
Delta R.T.: 0.017 min
Response: 3495408
Conc: 46.78 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.436 min
Delta R.T.: 0.023 min
Response: 3326952
Conc: 55.49 ug/ml

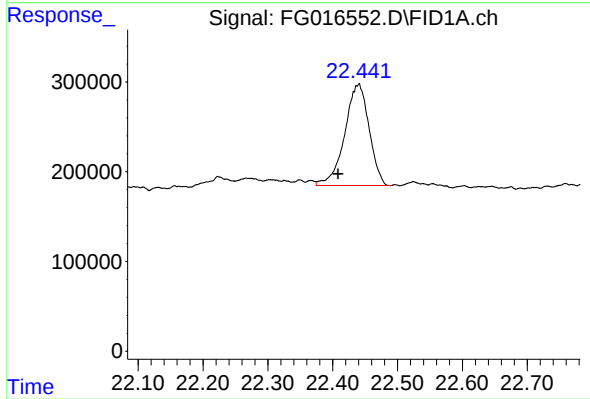
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



#18 N-TETRACONTANE

R.T.: 22.441 min
Delta R.T.: 0.032 min
Response: 2945320
Conc: 70.07 ug/ml m