

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071825\
 Data File : FG016329.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2025 09:24
 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 07/21/2025
 Supervised By :mohammad ahmed 07/23/2025

Integration File: autoint1.e
 Quant Time: Jul 18 11:31:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 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...	15.207	5008719	50.094 ug/ml
Target Compounds			
1) N-OCTANE	2.120	4993123	44.217 ug/ml
2) N-DECANE	4.670	5345593	46.413 ug/ml
3) N-DODECANE	6.854	5466474	47.149 ug/ml
4) N-TETRADECANE	8.696	5570268	47.192 ug/ml
5) N-HEXADECANE	10.316	5648246	48.833 ug/ml
6) N-OCTADECANE	11.770	5812904	49.522 ug/ml
7) N-EICOSANE	13.092	5909763	49.399 ug/ml
8) N-DOCOSANE	14.300	5700225	49.464 ug/ml
10) N-TETRACOSANE	15.412	5721499	50.077 ug/ml
11) N-HEXACOSANE	16.442	5569725	50.616 ug/ml
12) N-OCTACOSANE	17.399	5452560	50.139 ug/ml
13) N-TRIACONTANE	18.293	5530703	51.756 ug/ml
14) N-DOTRIACONTANE	19.130	5383602	53.239 ug/ml
15) N-TETRATRIACONTANE	19.920	4886621	53.707 ug/ml
16) N-HEXATRIACONTANE	20.663	4277354	56.797 ug/ml
17) N-OCTATRIACONTANE	21.457	3498078	53.748 ug/mlm
18) N-TETRACONTANE	22.464	3430046	59.513 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071825\
Data File : FG016329.D
Signal(s) : FID1A.ch
Acq On : 18 Jul 2025 09:24
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

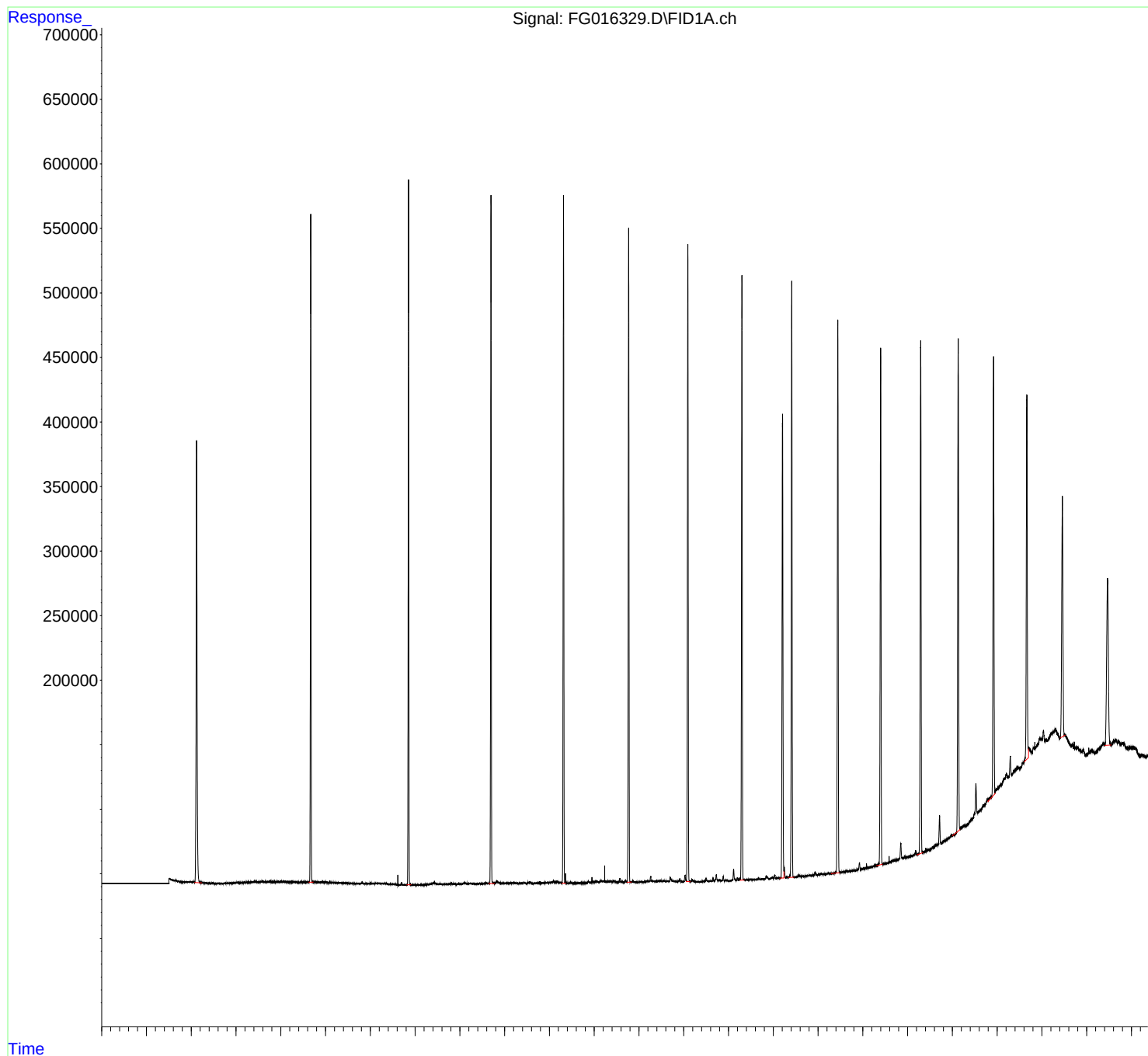
Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

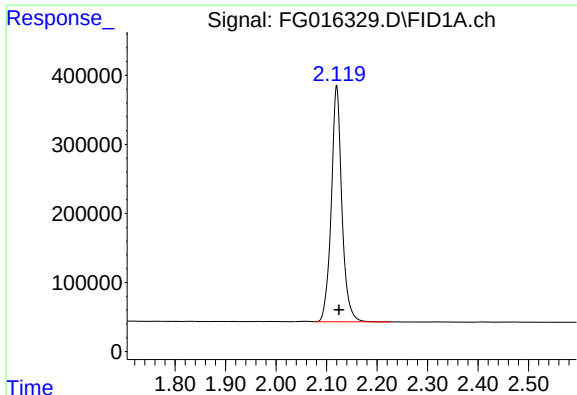
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/21/2025
Supervised By :mohammad ahmed 07/23/2025

Integration File: autoint1.e
Quant Time: Jul 18 11:31:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





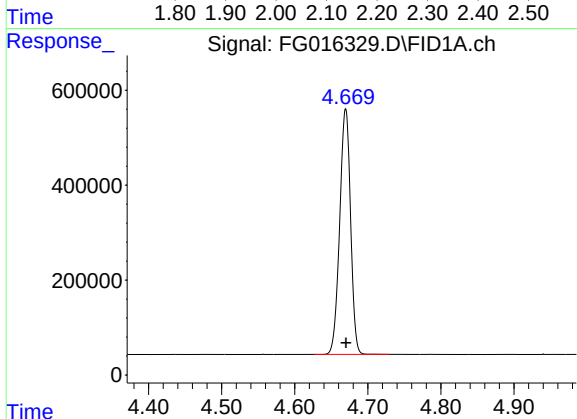
#1 N-OCTANE

R.T.: 2.120 min
Delta R.T.: -0.005 min
Response: 4993123
Conc: 44.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

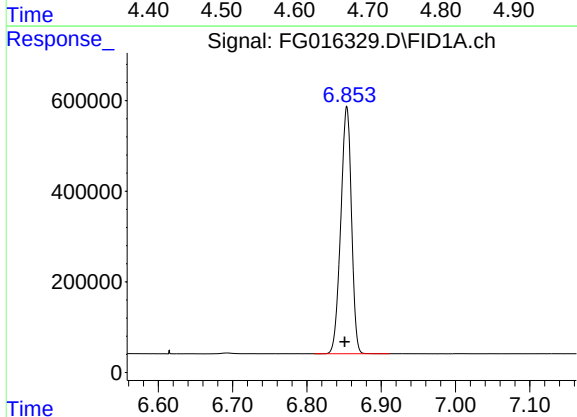
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/21/2025
Supervised By :mohammad ahmed 07/23/2025



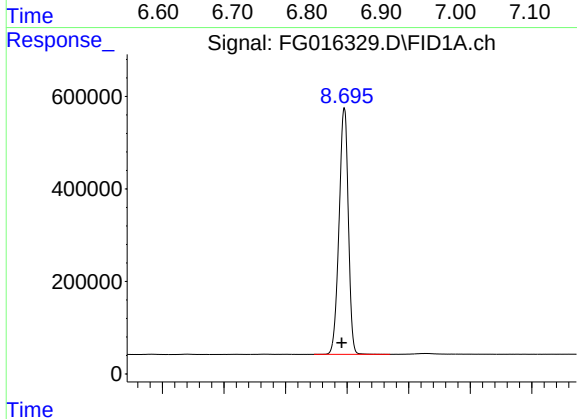
#2 N-DECANE

R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 5345593
Conc: 46.41 ug/ml



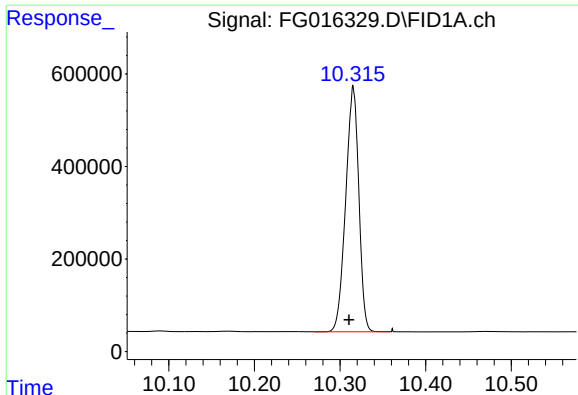
#3 N-DODECANE

R.T.: 6.854 min
Delta R.T.: 0.003 min
Response: 5466474
Conc: 47.15 ug/ml



#4 N-TETRADECANE

R.T.: 8.696 min
Delta R.T.: 0.004 min
Response: 5570268
Conc: 47.19 ug/ml



#5 N-HEXADECANE

R.T.: 10.316 min
Delta R.T.: 0.005 min
Response: 5648246
Conc: 48.83 ug/ml

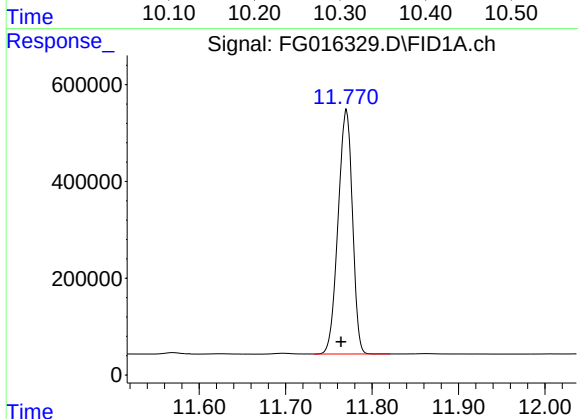
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

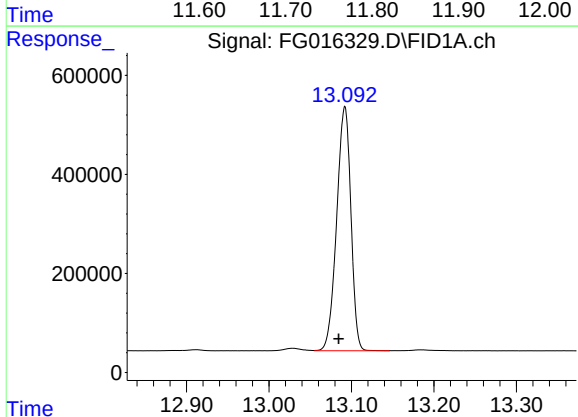
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/21/2025
Supervised By :mohammad ahmed 07/23/2025



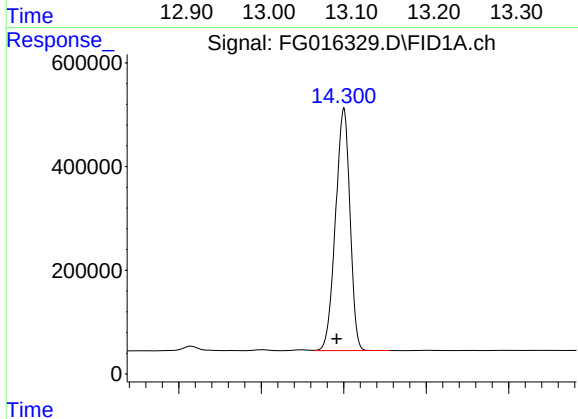
#6 N-OCTADECANE

R.T.: 11.770 min
Delta R.T.: 0.006 min
Response: 5812904
Conc: 49.52 ug/ml



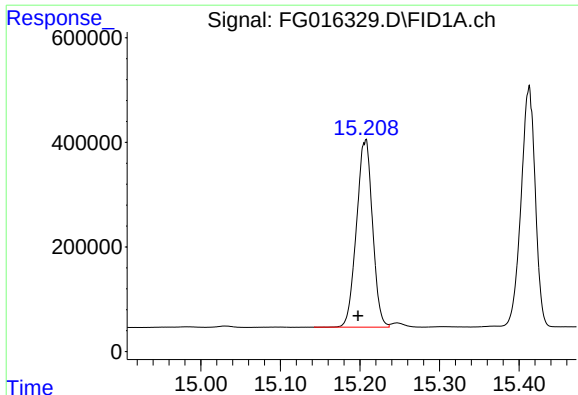
#7 N-EICOSANE

R.T.: 13.092 min
Delta R.T.: 0.008 min
Response: 5909763
Conc: 49.40 ug/ml



#8 N-DOCOSANE

R.T.: 14.300 min
Delta R.T.: 0.009 min
Response: 5700225
Conc: 49.46 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.207 min
Delta R.T.: 0.010 min
Response: 5008719
Conc: 50.09 ug/ml

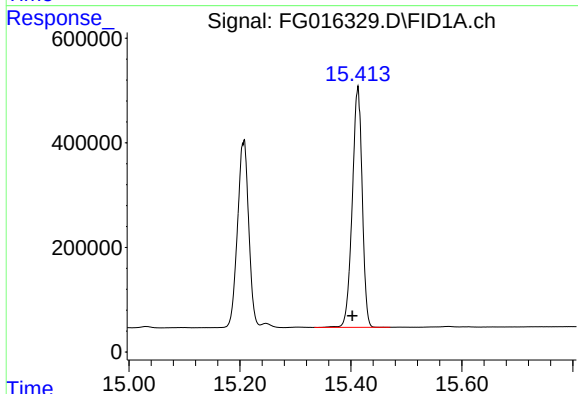
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

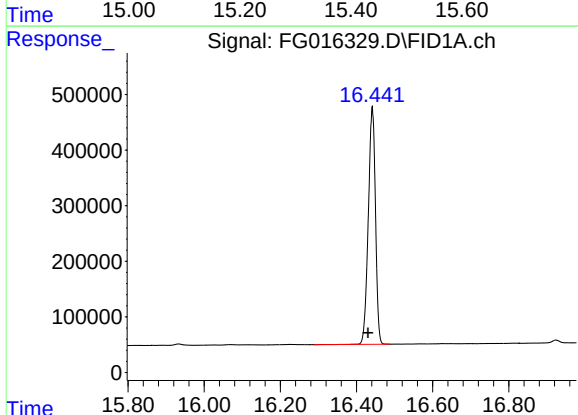
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/21/2025
Supervised By :mohammad ahmed 07/23/2025



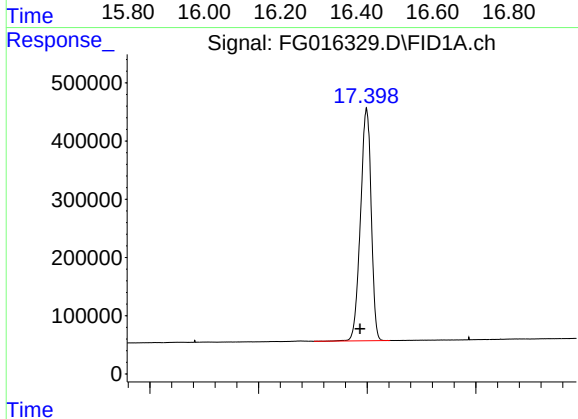
#10 N-TETRACOSANE

R.T.: 15.412 min
Delta R.T.: 0.010 min
Response: 5721499
Conc: 50.08 ug/ml



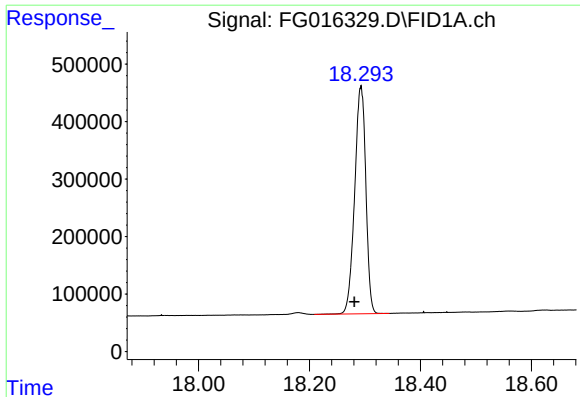
#11 N-HEXACOSANE

R.T.: 16.442 min
Delta R.T.: 0.011 min
Response: 5569725
Conc: 50.62 ug/ml



#12 N-OCTACOSANE

R.T.: 17.399 min
Delta R.T.: 0.012 min
Response: 5452560
Conc: 50.14 ug/ml



#13 N-TRIACONTANE

R.T.: 18.293 min
Delta R.T.: 0.012 min
Response: 5530703
Conc: 51.76 ug/ml

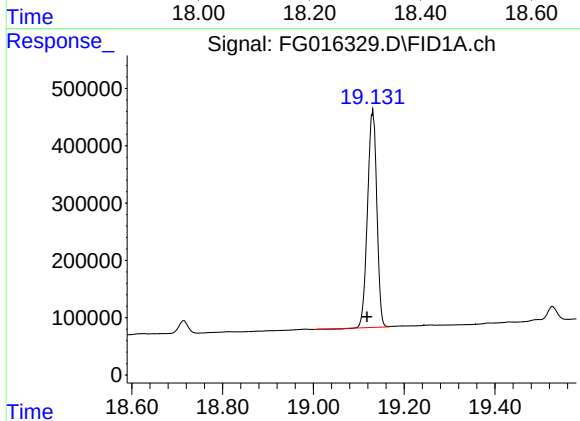
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

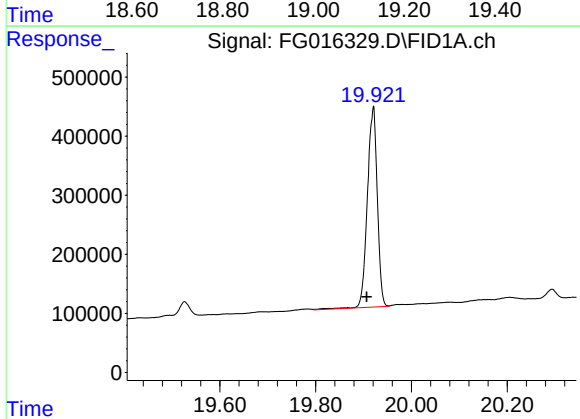
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/21/2025
Supervised By :mohammad ahmed 07/23/2025



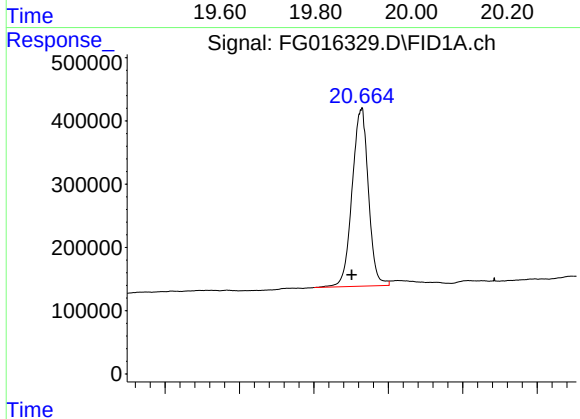
#14 N-DOTRIACONTANE

R.T.: 19.130 min
Delta R.T.: 0.012 min
Response: 5383602
Conc: 53.24 ug/ml



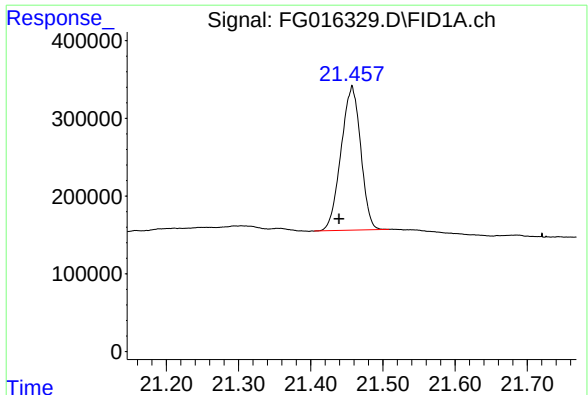
#15 N-TETRATRIACONTANE

R.T.: 19.920 min
Delta R.T.: 0.014 min
Response: 4886621
Conc: 53.71 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.663 min
Delta R.T.: 0.013 min
Response: 4277354
Conc: 56.80 ug/ml



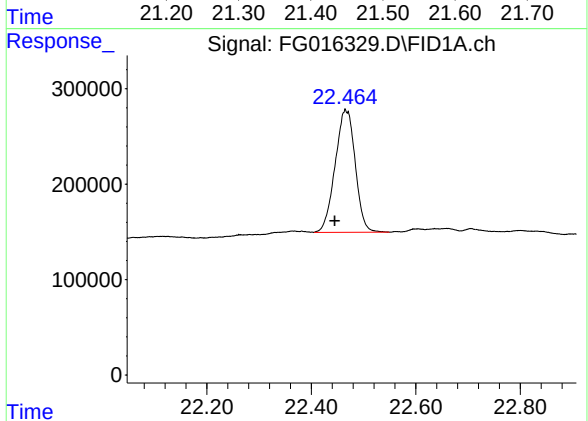
#17 N-OCTATRIACONTANE

R.T.: 21.457 min
Delta R.T.: 0.018 min
Response: 3498078
Conc: 53.75 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/21/2025
Supervised By :mohammad ahmed 07/23/2025



#18 N-TETRACONTANE

R.T.: 22.464 min
Delta R.T.: 0.020 min
Response: 3430046
Conc: 59.51 ug/ml m