

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG033023\
 Data File : FG011709.D
 Signal(s) : FID1A.ch
 Acq On : 30 Mar 2023 20:39
 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 03/31/2023
 Supervised By :mohammad ahmed 03/31/2023

Integration File: Sample.e
 Quant Time: Mar 31 00:06:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
 Quant Title :
 QLast Update : Wed Mar 15 18:43:49 2023
 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...	15.071	4899389	48.676 ug/ml
Target Compounds			
1) N-OCTANE	2.059	5595909	47.548 ug/ml
2) N-DECANE	4.583	6252749	51.738 ug/ml
3) N-DODECANE	6.757	6145015	50.359 ug/ml
4) N-TETRADECANE	8.590	5990070	49.224 ug/ml
5) N-HEXADECANE	10.203	6014641	48.776 ug/ml
6) N-OCTADECANE	11.651	5937255	48.611 ug/ml
7) N-EICOSANE	12.966	5864221	48.804 ug/ml
8) N-DOCOSANE	14.169	5613314	48.935 ug/ml
10) N-TETRACOSANE	15.276	5615016	49.708 ug/ml
11) N-HEXACOSANE	16.300	5470281	50.655 ug/mlm
12) N-OCTACOSANE	17.254	5529795	53.328 ug/mlm
13) N-TRIACONTANE	18.146	5712548	57.644 ug/ml
14) N-DOTRIACONTANE	18.983	5866407	63.253 ug/ml
15) N-TETRATRIACONTANE	19.769	5793970	68.725 ug/mlm
16) N-HEXATRIACONTANE	20.513	5573360	72.396 ug/mlm
17) N-OCTATRIACONTANE	21.273	4999054	66.398 ug/mlm
18) N-TETRACONTANE	22.228	4704456	64.099 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG033023\
Data File : FG011709.D
Signal(s) : FID1A.ch
Acq On : 30 Mar 2023 20:39
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

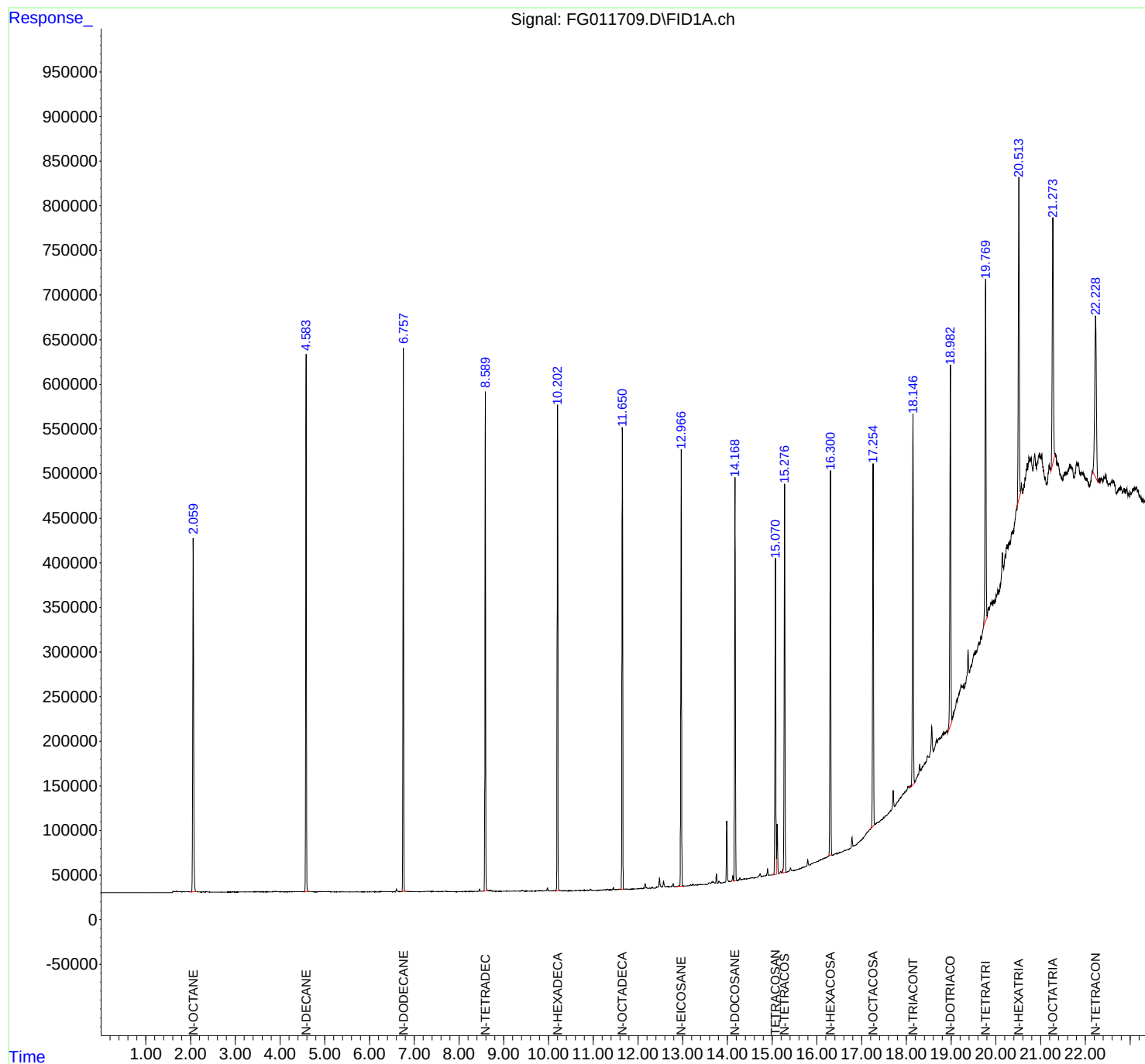
Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

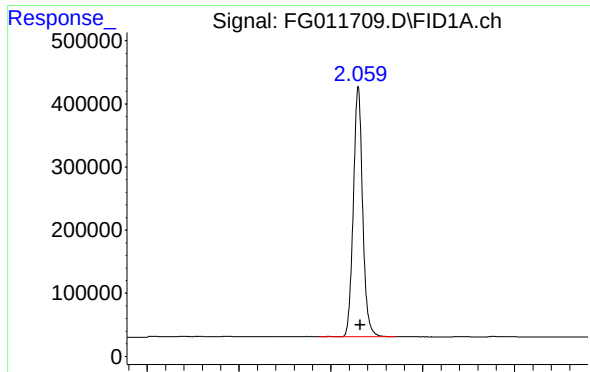
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/31/2023
Supervised By :mohammad ahmed 03/31/2023

Integration File: Sample.e
Quant Time: Mar 31 00:06:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
Quant Title :
QLast Update : Wed Mar 15 18:43:49 2023
Response via : Initial Calibration
Integrator: ChemStation

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





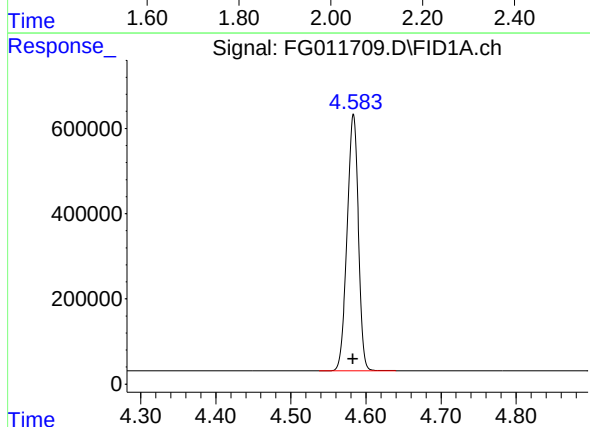
#1 N-OCTANE

R.T.: 2.059 min
Delta R.T.: -0.005 min
Response: 5595909
Conc: 47.55 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

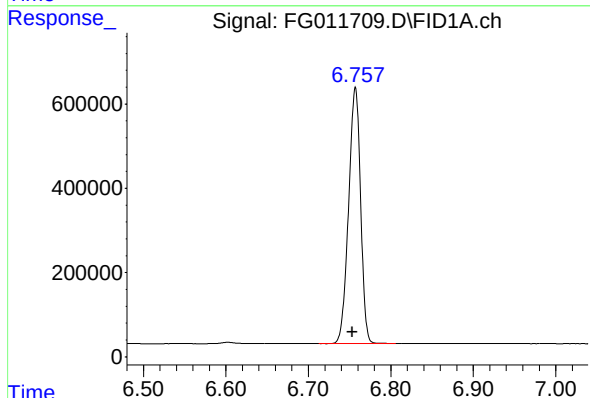
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



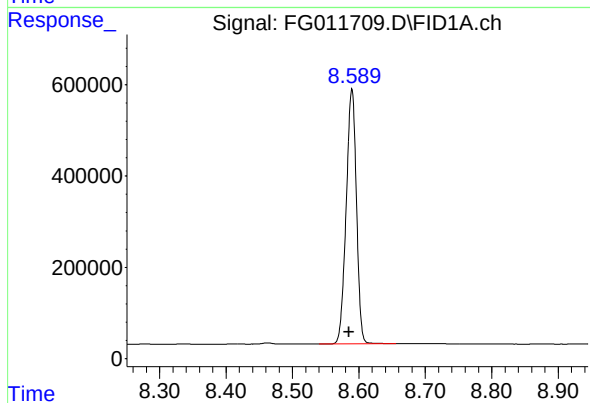
#2 N-DECANE

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 6252749
Conc: 51.74 ug/ml



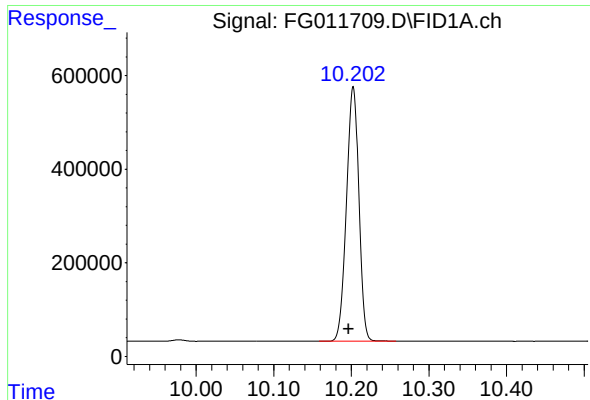
#3 N-DODECANE

R.T.: 6.757 min
Delta R.T.: 0.004 min
Response: 6145015
Conc: 50.36 ug/ml



#4 N-TETRADECANE

R.T.: 8.590 min
Delta R.T.: 0.005 min
Response: 5990070
Conc: 49.22 ug/ml



#5 N-HEXADECANE

R.T.: 10.203 min
Delta R.T.: 0.006 min
Response: 6014641
Conc: 48.78 ug/ml

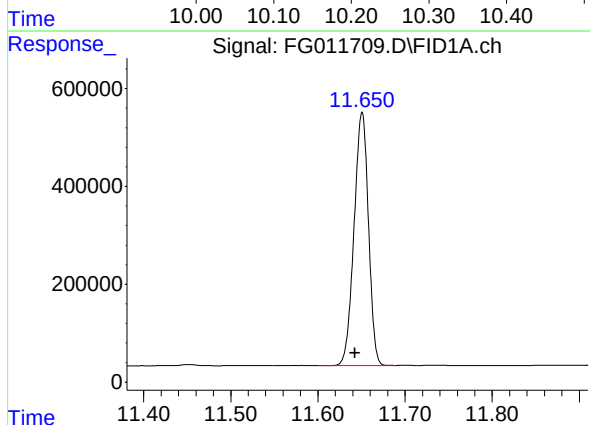
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

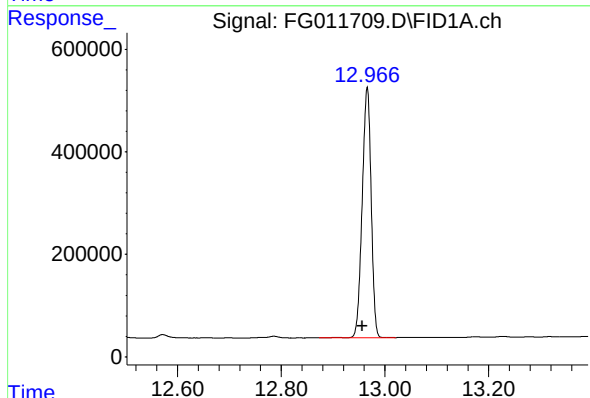
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



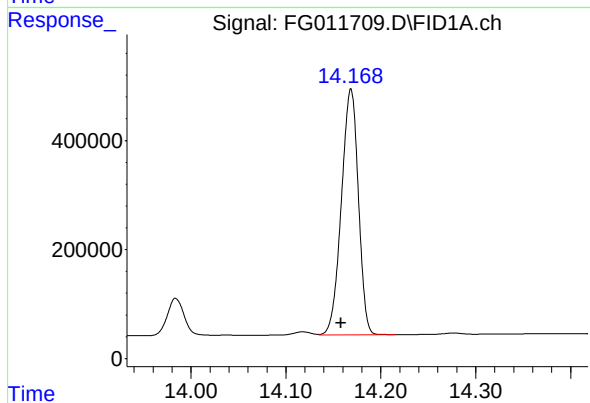
#6 N-OCTADECANE

R.T.: 11.651 min
Delta R.T.: 0.008 min
Response: 5937255
Conc: 48.61 ug/ml



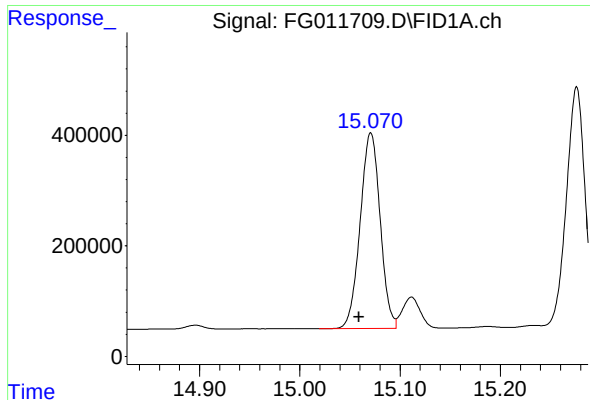
#7 N-EICOSANE

R.T.: 12.966 min
Delta R.T.: 0.010 min
Response: 5864221
Conc: 48.80 ug/ml



#8 N-DOCOSANE

R.T.: 14.169 min
Delta R.T.: 0.011 min
Response: 5613314
Conc: 48.93 ug/ml



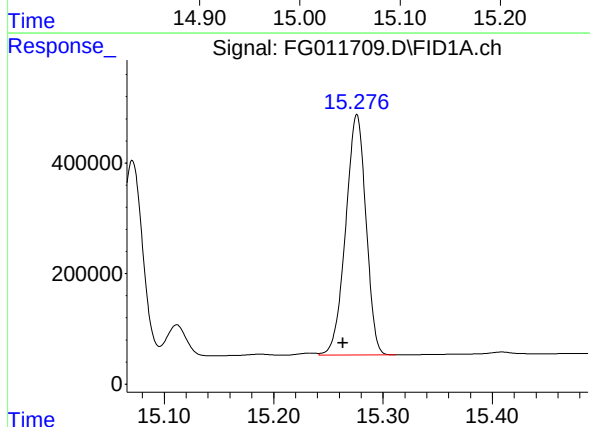
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.071 min
Delta R.T.: 0.012 min
Response: 4899389
Conc: 48.68 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

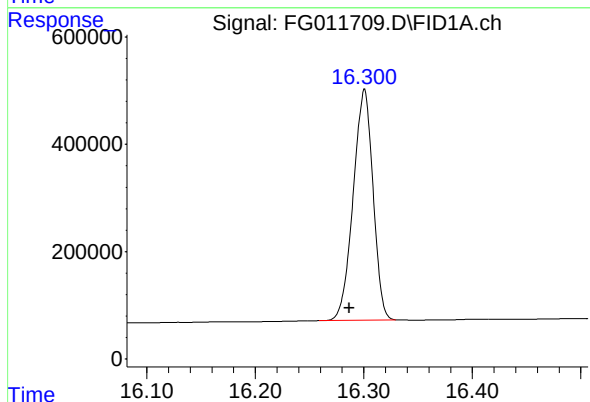
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



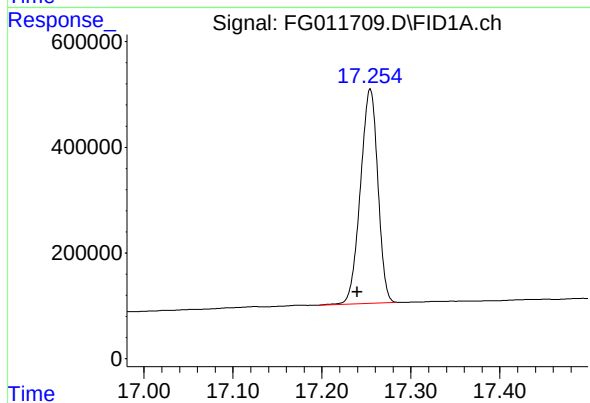
#10 N-TETRACOSANE

R.T.: 15.276 min
Delta R.T.: 0.013 min
Response: 5615016
Conc: 49.71 ug/ml



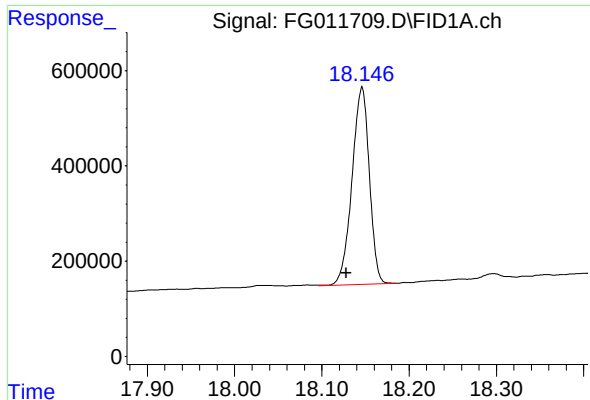
#11 N-HEXACOSANE

R.T.: 16.300 min
Delta R.T.: 0.014 min
Response: 5470281
Conc: 50.65 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.254 min
Delta R.T.: 0.014 min
Response: 5529795
Conc: 53.33 ug/ml m



#13 N-TRIACONTANE

R.T.: 18.146 min
Delta R.T.: 0.018 min
Response: 5712548
Conc: 57.64 ug/ml

Instrument :

FID_G

ClientSampleId :

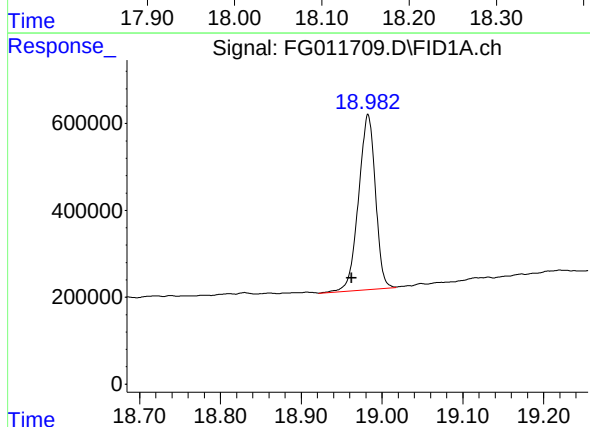
50 PPM TRPH STD

Manual Integrations

APPROVED

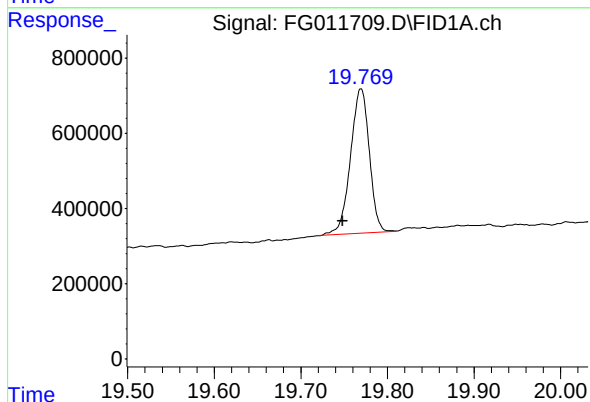
Reviewed By :Yogesh Patel 03/31/2023

Supervised By :mohammad ahmed 03/31/2023



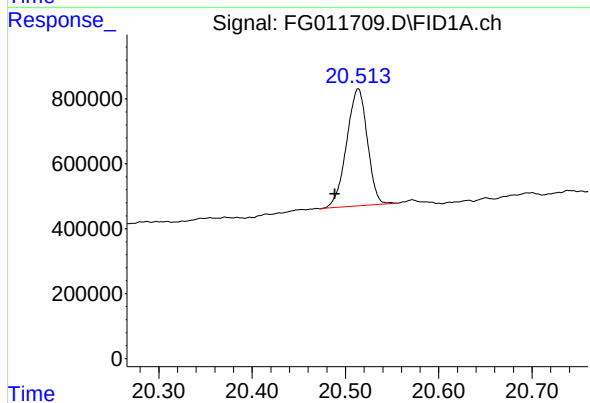
#14 N-DOTRIACONTANE

R.T.: 18.983 min
Delta R.T.: 0.020 min
Response: 5866407
Conc: 63.25 ug/ml



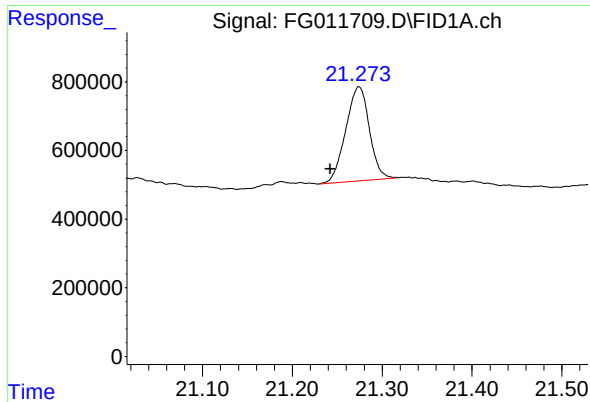
#15 N-TETRATRIACONTANE

R.T.: 19.769 min
Delta R.T.: 0.021 min
Response: 5793970
Conc: 68.73 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.513 min
Delta R.T.: 0.024 min
Response: 5573360
Conc: 72.40 ug/ml m



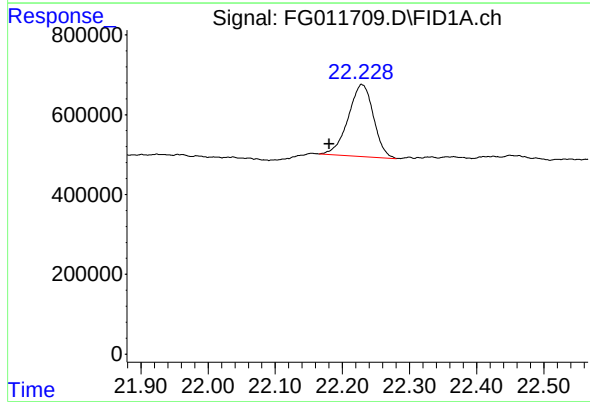
#17 N-OCTATRIACONTANE

R.T.: 21.273 min
Delta R.T.: 0.031 min
Response: 4999054
Conc: 66.40 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



#18 N-TETRACONTANE

R.T.: 22.228 min
Delta R.T.: 0.047 min
Response: 4704456
Conc: 64.10 ug/ml m