

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032122\
 Data File : FF010110.D
 Signal(s) : FID2B.ch
 Acq On : 21 Mar 2022 10:56
 Operator : AJ\MA
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/22/2022
 Supervised By :mohammad ahmed 03/23/2022

Integration File: autoint1.e
 Quant Time: Mar 22 01:20:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031022.M
 Quant Title :
 QLast Update : Thu Mar 10 12:46:01 2022
 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...	14.700	6205914	41.381 ug/ml
Target Compounds			
1) N-OCTANE	2.329	7874905	47.514 ug/ml
2) N-DECANE	4.434	7982312	46.802 ug/ml
3) N-DODECANE	6.454	7922928	46.076 ug/ml
4) N-TETRADECANE	8.248	7856439	45.249 ug/ml
5) N-HEXADECANE	9.848	7742786	44.452 ug/ml
6) N-OCTADECANE	11.290	7800719	43.627 ug/ml
7) N-EICOSANE	12.601	7409284	42.670 ug/ml
8) N-DOCOSANE	13.800	7163379	41.897 ug/ml
10) N-TETRACOSANE	14.904	6995973	41.421 ug/ml
11) N-HEXACOSANE	15.926	6775321	41.032 ug/ml
12) N-OCTACOSANE	16.876	6648682	41.541 ug/ml
13) N-TRIACONTANE	17.765	6593810	42.928 ug/ml
14) N-DOTRIACONTANE	18.598	6636800	45.446 ug/ml
15) N-TETRATRIACONTANE	19.381	6630443	48.411 ug/mlm
16) N-HEXATRIACONTANE	20.122	6462153	51.971 ug/mlm
17) N-OCTATRIACONTANE	20.863	5903375	53.014 ug/mlm
18) N-TETRACONTANE	21.776	6254816	60.954 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032122\
Data File : FF010110.D
Signal(s) : FID2B.ch
Acq On : 21 Mar 2022 10:56
Operator : AJ\MA
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

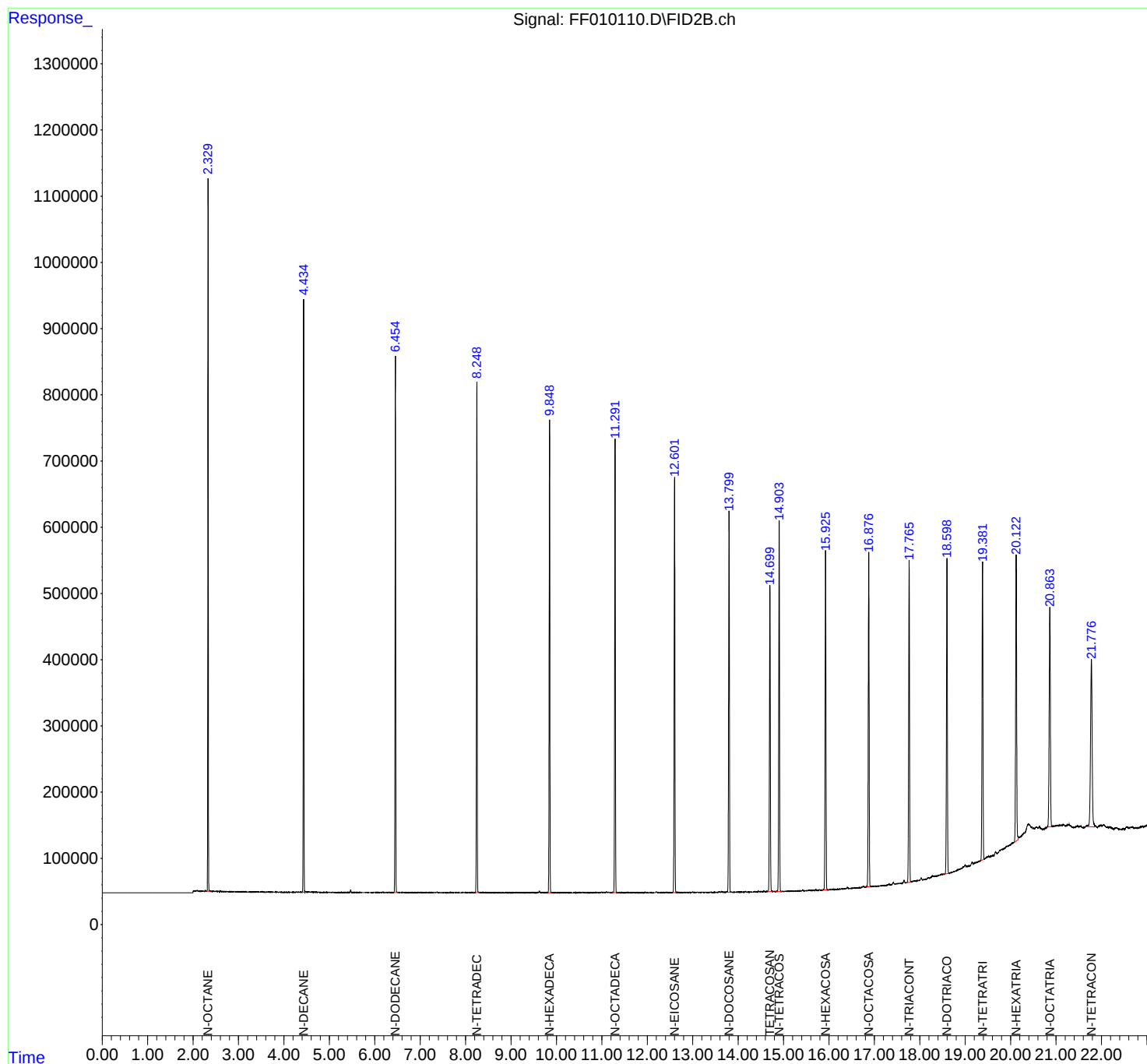
Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

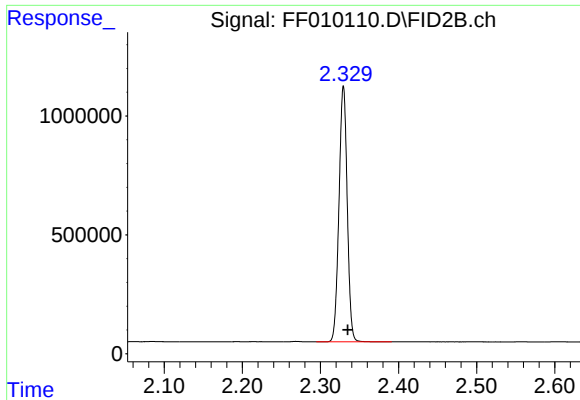
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2022
Supervised By :mohammad ahmed 03/23/2022

Integration File: autoint1.e
Quant Time: Mar 22 01:20:06 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031022.M
Quant Title :
QLast Update : Thu Mar 10 12:46:01 2022
Response via : Initial Calibration
Integrator: ChemStation

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





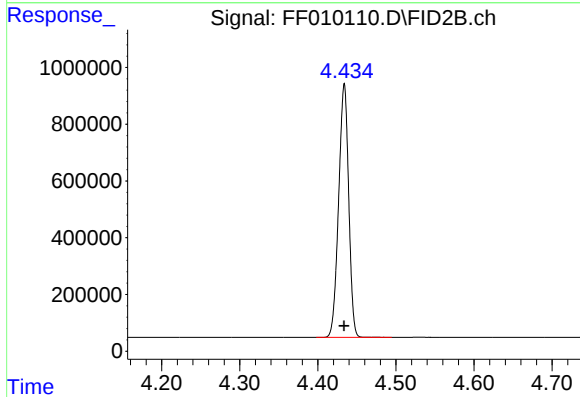
#1 N-OCTANE

R.T.: 2.329 min
Delta R.T.: -0.006 min
Response: 7874905
Conc: 47.51 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

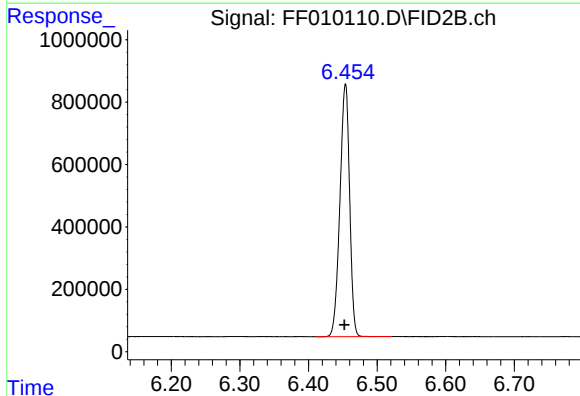
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2022
Supervised By :mohammad ahmed 03/23/2022



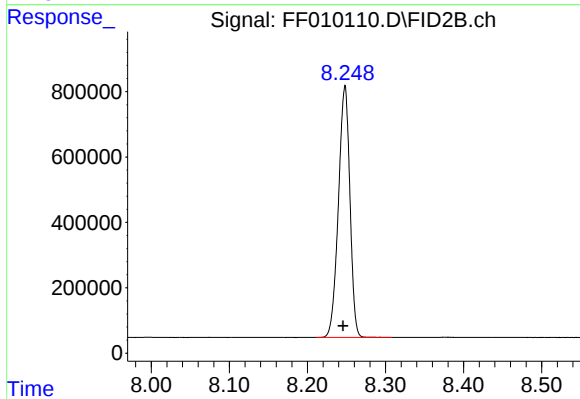
#2 N-DECANE

R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 7982312
Conc: 46.80 ug/ml



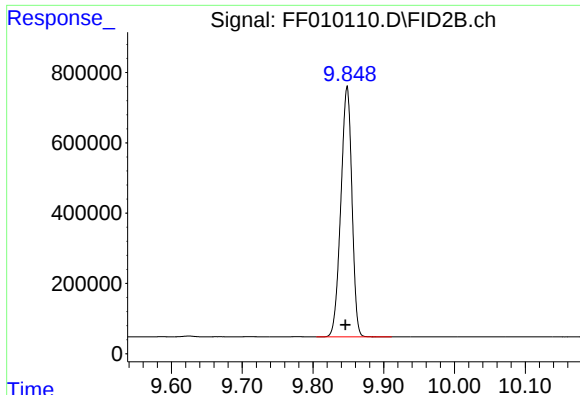
#3 N-DODECANE

R.T.: 6.454 min
Delta R.T.: 0.001 min
Response: 7922928
Conc: 46.08 ug/ml



#4 N-TETRADECANE

R.T.: 8.248 min
Delta R.T.: 0.002 min
Response: 7856439
Conc: 45.25 ug/ml



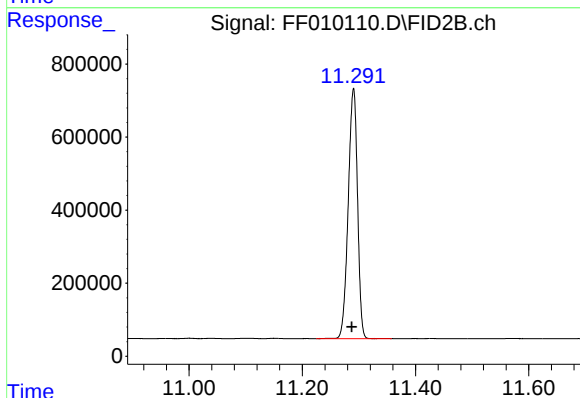
#5 N-HEXADECANE

R.T.: 9.848 min
Delta R.T.: 0.002 min
Response: 7742786
Conc: 44.45 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

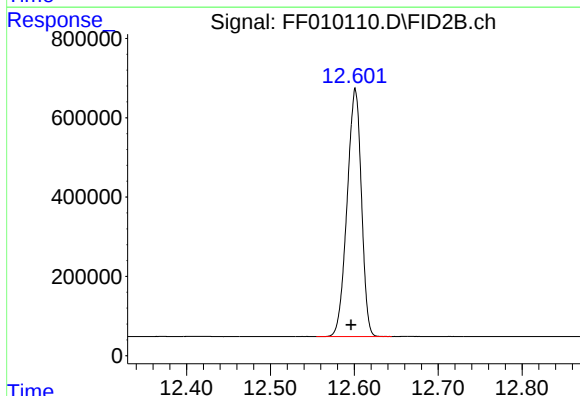
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2022
Supervised By :mohammad ahmed 03/23/2022



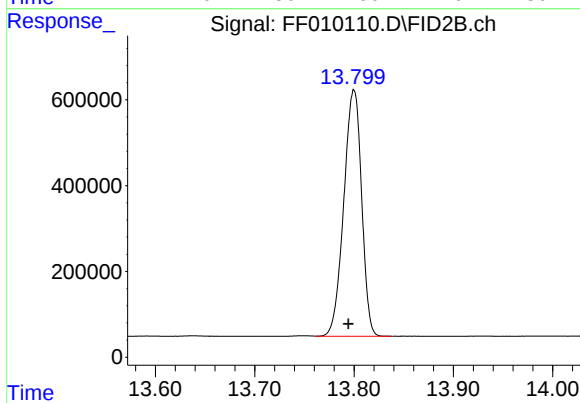
#6 N-OCTADECANE

R.T.: 11.290 min
Delta R.T.: 0.003 min
Response: 7800719
Conc: 43.63 ug/ml



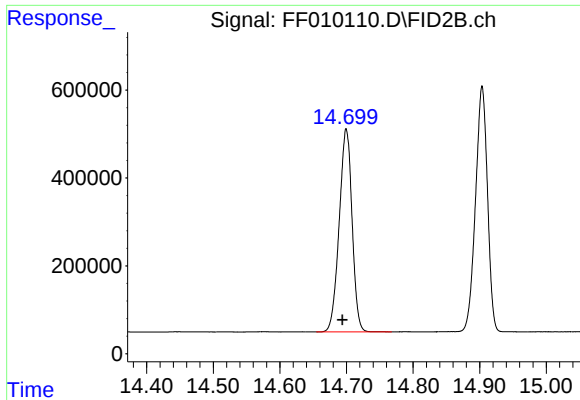
#7 N-EICOSANE

R.T.: 12.601 min
Delta R.T.: 0.005 min
Response: 7409284
Conc: 42.67 ug/ml



#8 N-DOCOSANE

R.T.: 13.800 min
Delta R.T.: 0.005 min
Response: 7163379
Conc: 41.90 ug/ml



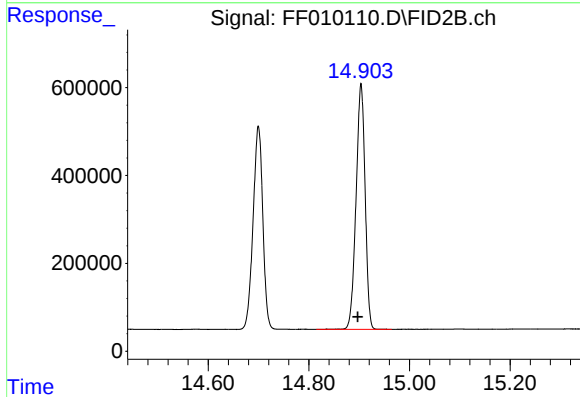
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.700 min
Delta R.T.: 0.006 min
Response: 6205914
Conc: 41.38 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

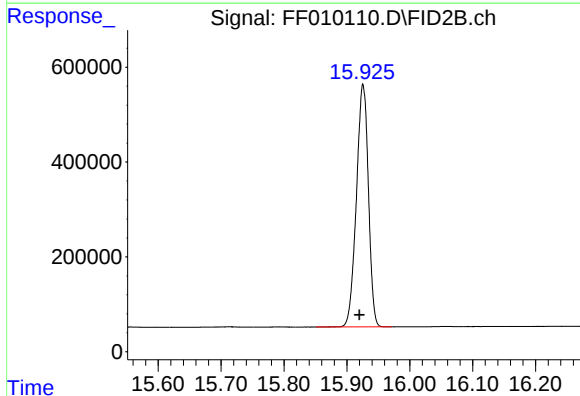
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2022
Supervised By :mohammad ahmed 03/23/2022



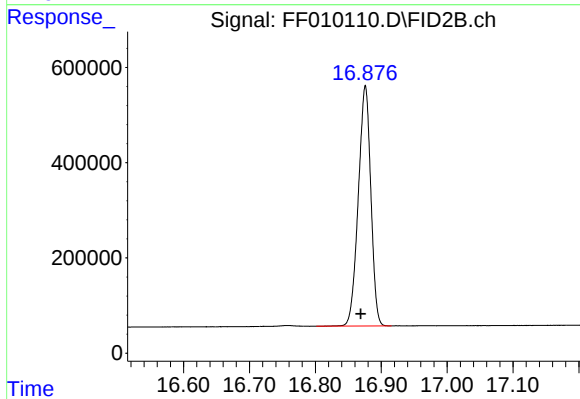
#10 N-TETRACOSANE

R.T.: 14.904 min
Delta R.T.: 0.006 min
Response: 6995973
Conc: 41.42 ug/ml



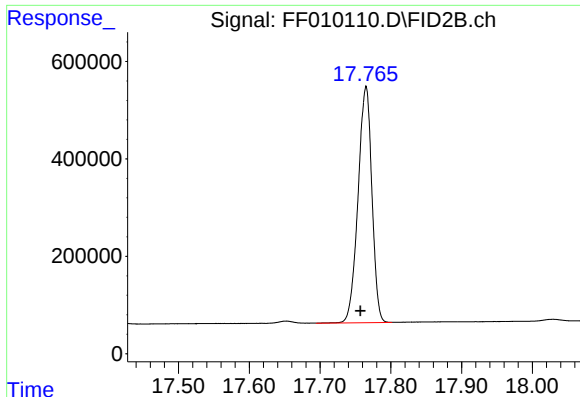
#11 N-HEXACOSANE

R.T.: 15.926 min
Delta R.T.: 0.006 min
Response: 6775321
Conc: 41.03 ug/ml



#12 N-OCTACOSANE

R.T.: 16.876 min
Delta R.T.: 0.007 min
Response: 6648682
Conc: 41.54 ug/ml



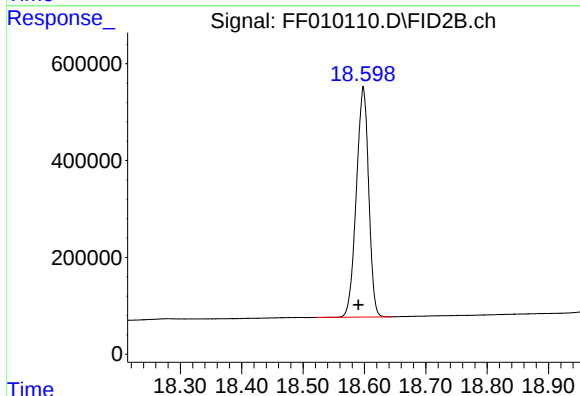
#13 N-TRIACONTANE

R.T.: 17.765 min
Delta R.T.: 0.008 min
Response: 6593810
Conc: 42.93 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

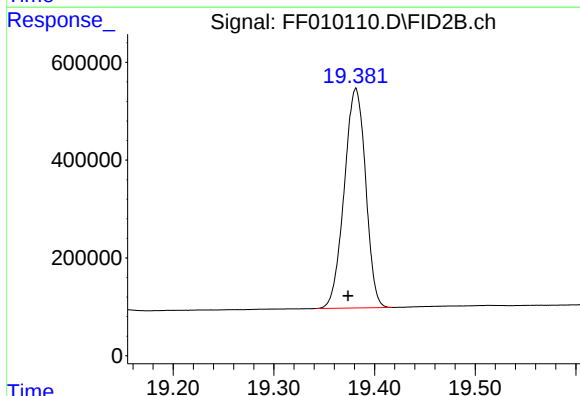
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2022
Supervised By :mohammad ahmed 03/23/2022



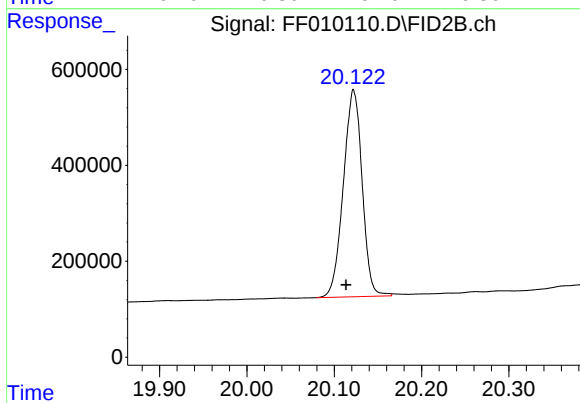
#14 N-DOTRIACONTANE

R.T.: 18.598 min
Delta R.T.: 0.008 min
Response: 6636800
Conc: 45.45 ug/ml



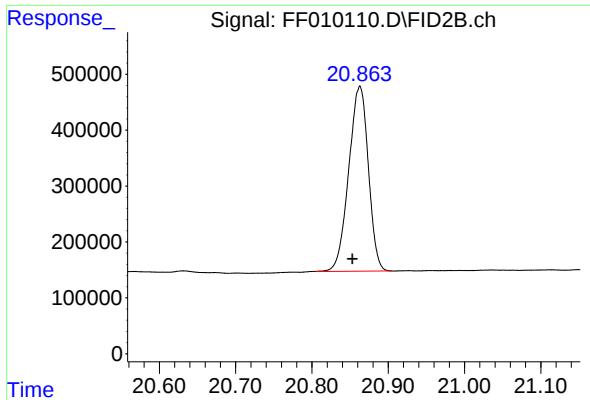
#15 N-TETRATRIACONTANE

R.T.: 19.381 min
Delta R.T.: 0.008 min
Response: 6630443
Conc: 48.41 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.122 min
Delta R.T.: 0.008 min
Response: 6462153
Conc: 51.97 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.863 min
Delta R.T.: 0.010 min
Response: 5903375
Conc: 53.01 ug/ml

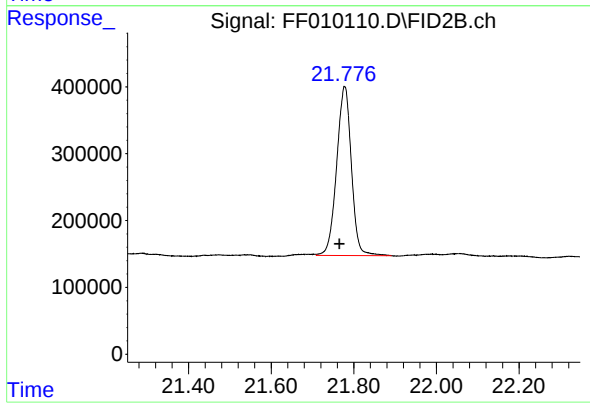
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2022
Supervised By :mohammad ahmed 03/23/2022



#18 N-TETRACONTANE

R.T.: 21.776 min
Delta R.T.: 0.011 min
Response: 6254816
Conc: 60.95 ug/ml m