

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF042822\
 Data File : FF010445.D
 Signal(s) : FID2B.ch
 Acq On : 28 Apr 2022 13:49
 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 04/29/2022
 Supervised By :mohammad ahmed 04/29/2022

Integration File: Sample.e
 Quant Time: Apr 29 02:02:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF040122.M
 Quant Title :
 QLast Update : Fri Apr 01 11:58:56 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...	14.611	6262545	52.394 ug/mlm
Target Compounds			
1) N-OCTANE	2.264	6941147	52.966 ug/ml
2) N-DECANE	4.355	7338860	55.201 ug/ml
3) N-DODECANE	6.372	7309534	54.898 ug/ml
4) N-TETRADECANE	8.166	7320541	55.213 ug/ml
5) N-HEXADECANE	9.765	7339706	55.286 ug/ml
6) N-OCTADECANE	11.207	7497169	54.529 ug/ml
7) N-EICOSANE	12.516	7227419	53.794 ug/ml
8) N-DOCOSANE	13.713	7113718	53.167 ug/ml
10) N-TETRACOSANE	14.815	7045194	52.613 ug/ml
11) N-HEXACOSANE	15.836	6898430	52.009 ug/mlm
12) N-OCTACOSANE	16.784	6817606	51.438 ug/ml
13) N-TRIACONTANE	17.670	6782429	51.369 ug/ml
14) N-DOTRIACONTANE	18.501	6558008	50.808 ug/ml
15) N-TETRATRIACONTANE	19.282	5987428	51.444 ug/mlm
16) N-HEXATRIACONTANE	20.020	5334090	51.142 ug/ml
17) N-OCTATRIACONTANE	20.741	4840554	54.179 ug/mlm
18) N-TETRACONTANE	21.617	4789974	54.680 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF042822\
Data File : FF010445.D
Signal(s) : FID2B.ch
Acq On : 28 Apr 2022 13:49
Operator : AJ\MA
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

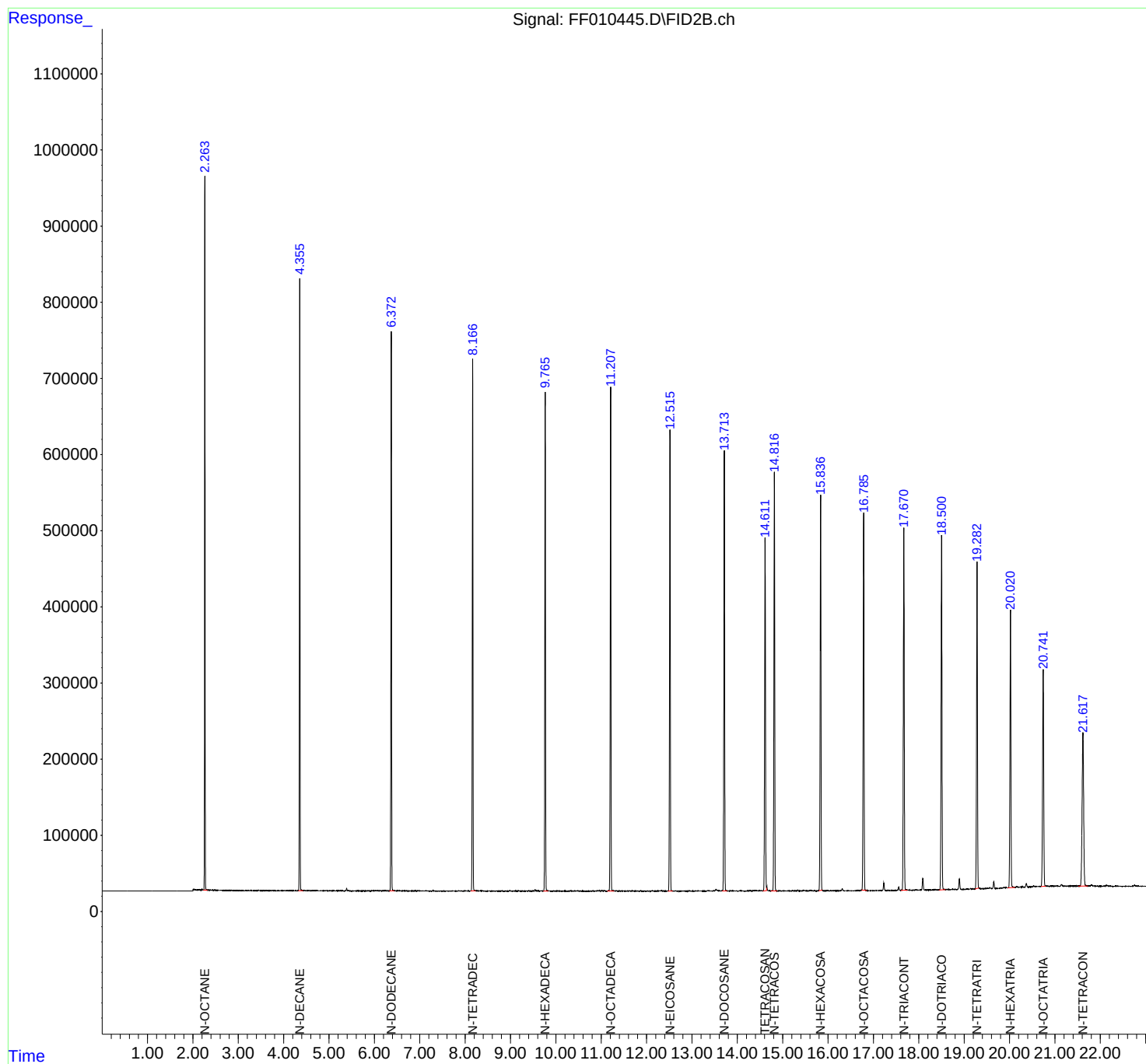
Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

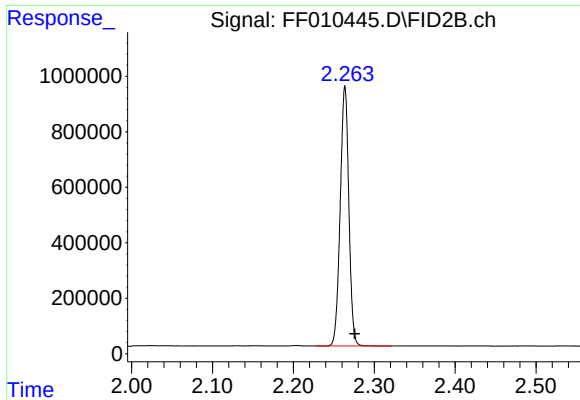
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2022
Supervised By :mohammad ahmed 04/29/2022

Integration File: Sample.e
Quant Time: Apr 29 02:02:59 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF040122.M
Quant Title :
QLast Update : Fri Apr 01 11:58:56 2022
Response via : Initial Calibration
Integrator: ChemStation

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





#1 N-OCTANE

R.T.: 2.264 min
Delta R.T.: -0.012 min
Response: 6941147
Conc: 52.97 ug/ml

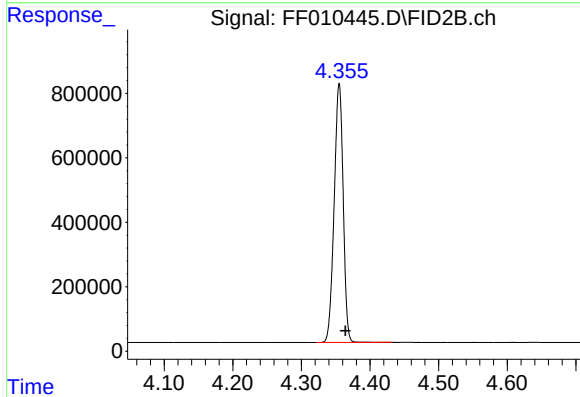
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

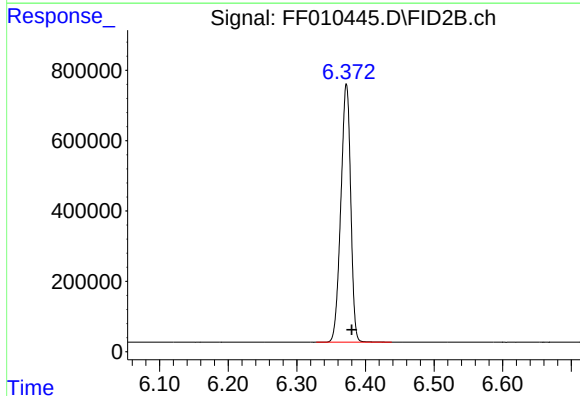
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2022
Supervised By :mohammad ahmed 04/29/2022



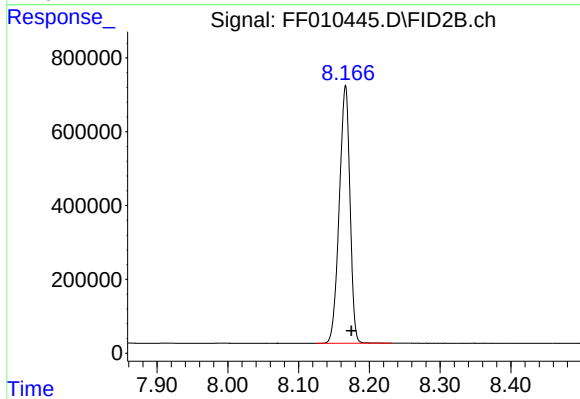
#2 N-DECANE

R.T.: 4.355 min
Delta R.T.: -0.009 min
Response: 7338860
Conc: 55.20 ug/ml



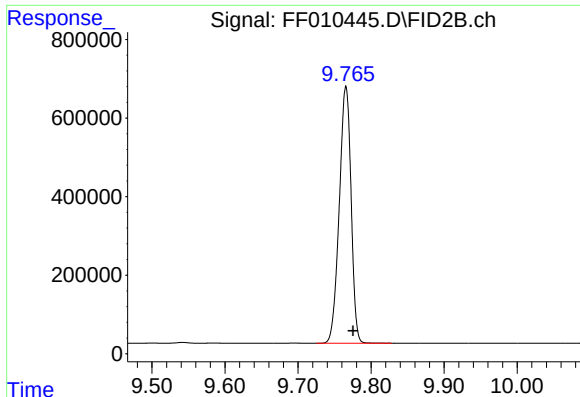
#3 N-DODECANE

R.T.: 6.372 min
Delta R.T.: -0.008 min
Response: 7309534
Conc: 54.90 ug/ml



#4 N-TETRADECANE

R.T.: 8.166 min
Delta R.T.: -0.009 min
Response: 7320541
Conc: 55.21 ug/ml



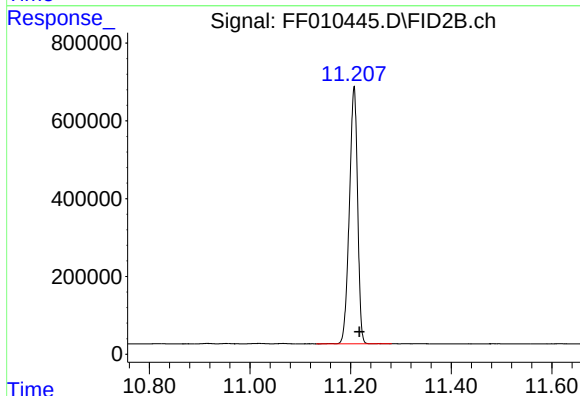
#5 N-HEXADECANE

R.T.: 9.765 min
Delta R.T.: -0.010 min
Response: 7339706
Conc: 55.29 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

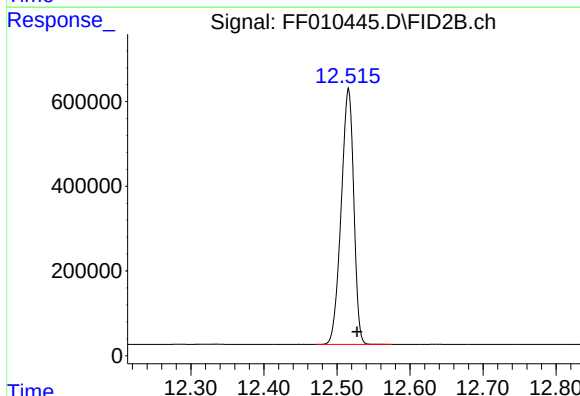
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2022
Supervised By :mohammad ahmed 04/29/2022



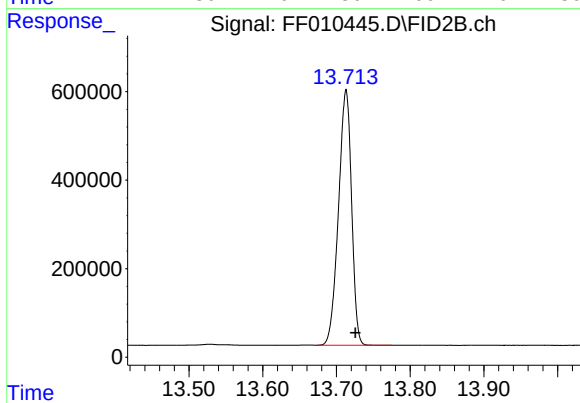
#6 N-OCTADECANE

R.T.: 11.207 min
Delta R.T.: -0.011 min
Response: 7497169
Conc: 54.53 ug/ml



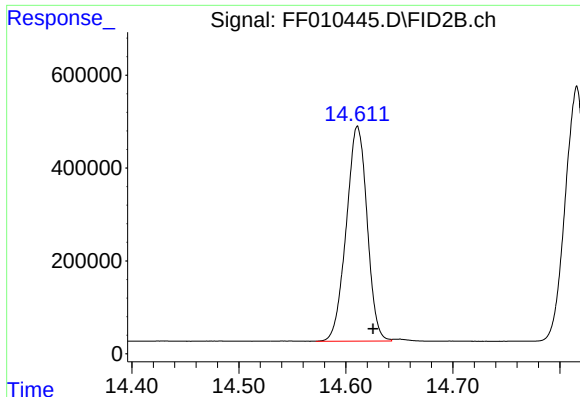
#7 N-EICOSANE

R.T.: 12.516 min
Delta R.T.: -0.012 min
Response: 7227419
Conc: 53.79 ug/ml



#8 N-DOCOSANE

R.T.: 13.713 min
Delta R.T.: -0.013 min
Response: 7113718
Conc: 53.17 ug/ml



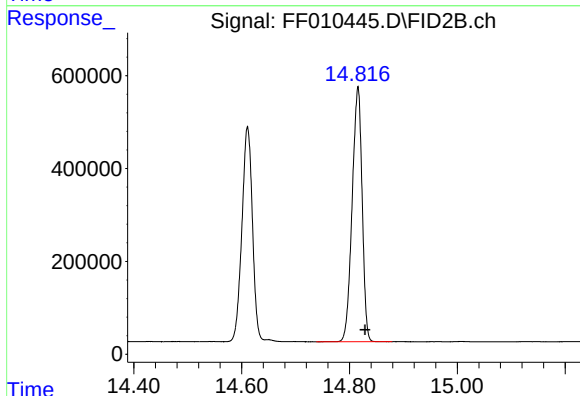
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.611 min
Delta R.T.: -0.015 min
Response: 6262545
Conc: 52.39 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

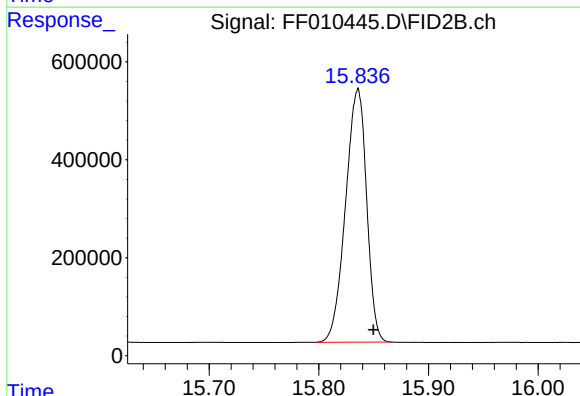
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2022
Supervised By :mohammad ahmed 04/29/2022



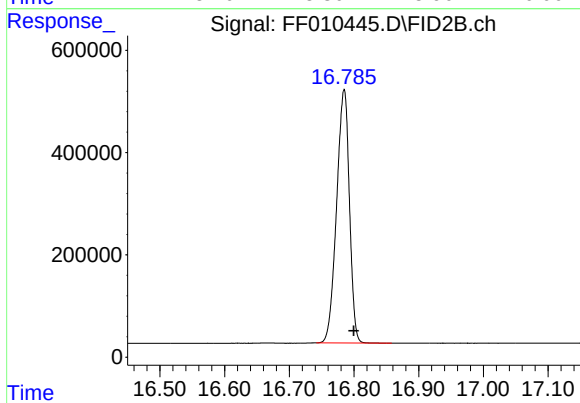
#10 N-TETRACOSANE

R.T.: 14.815 min
Delta R.T.: -0.013 min
Response: 7045194
Conc: 52.61 ug/ml



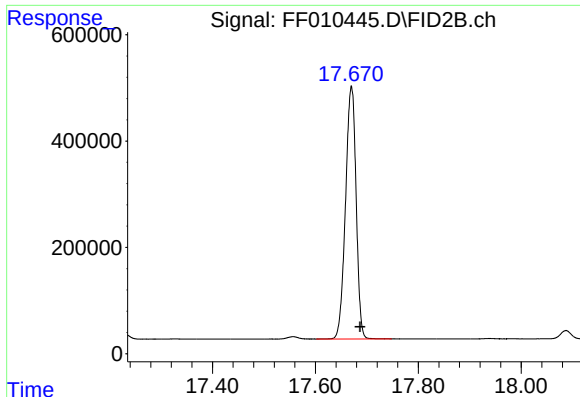
#11 N-HEXACOSANE

R.T.: 15.836 min
Delta R.T.: -0.014 min
Response: 6898430
Conc: 52.01 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.784 min
Delta R.T.: -0.015 min
Response: 6817606
Conc: 51.44 ug/ml



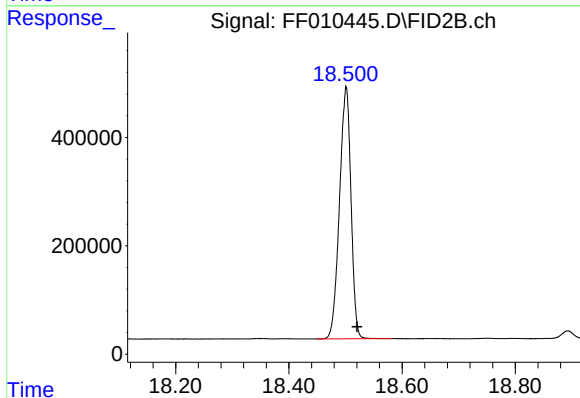
#13 N-TRIACONTANE

R.T.: 17.670 min
Delta R.T.: -0.017 min
Response: 6782429
Conc: 51.37 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

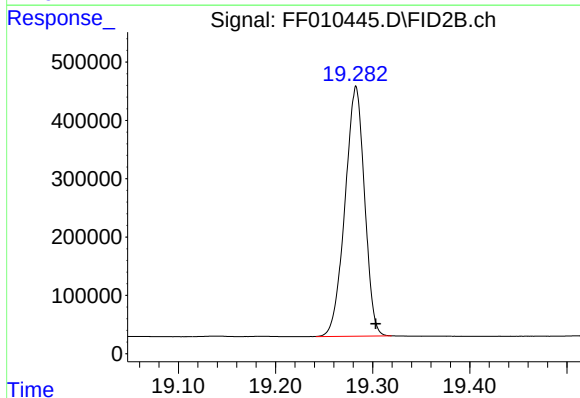
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2022
Supervised By :mohammad ahmed 04/29/2022



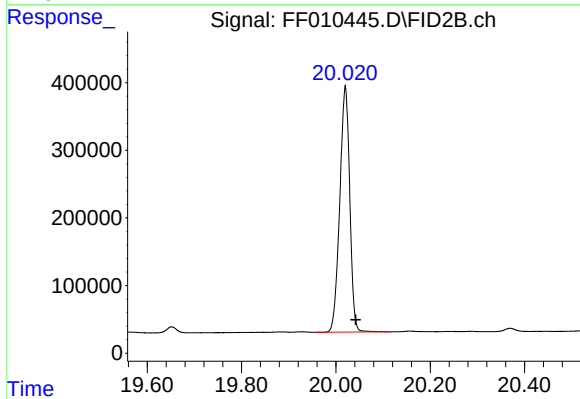
#14 N-DOTRIACONTANE

R.T.: 18.501 min
Delta R.T.: -0.019 min
Response: 6558008
Conc: 50.81 ug/ml



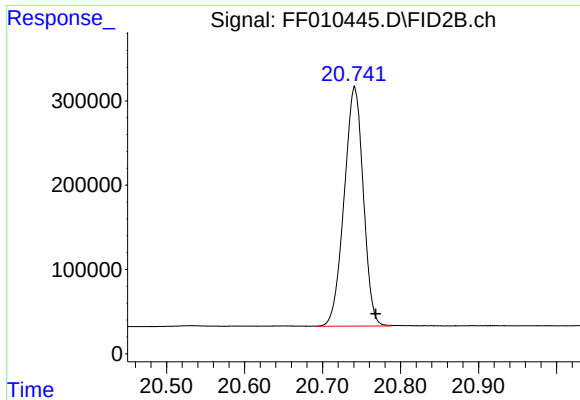
#15 N-TETRATRIACONTANE

R.T.: 19.282 min
Delta R.T.: -0.021 min
Response: 5987428
Conc: 51.44 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.020 min
Delta R.T.: -0.022 min
Response: 5334090
Conc: 51.14 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.741 min
Delta R.T.: -0.027 min
Response: 4840554
Conc: 54.18 ug/ml

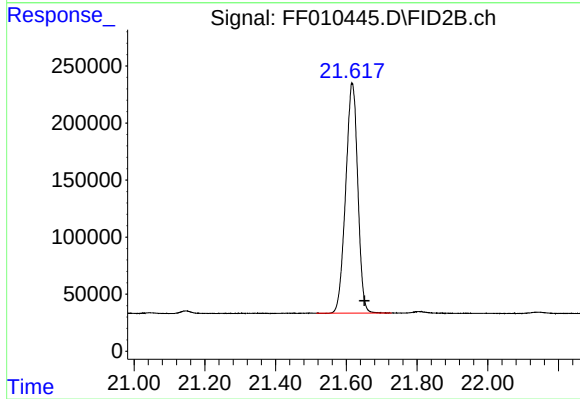
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2022
Supervised By :mohammad ahmed 04/29/2022



#18 N-TETRACONTANE

R.T.: 21.617 min
Delta R.T.: -0.034 min
Response: 4789974
Conc: 54.68 ug/ml