

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112525\
 Data File : FF016806.D
 Signal(s) : FID2B.ch
 Acq On : 25 Nov 2025 21:08
 Operator : YP\AJ
 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 :Rahul Chavli 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File: autoint1.e
 Quant Time: Nov 26 01:48:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:48:52 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...	15.045	4912533	47.021 ug/ml
Target Compounds			
1) N-OCTANE	2.034	5616365	50.600 ug/ml
2) N-DECANE	4.565	5702577	51.538 ug/ml
3) N-DODECANE	6.743	5732221	51.601 ug/ml
4) N-TETRADECANE	8.576	5764766	51.603 ug/ml
5) N-HEXADECANE	10.185	5736970	51.060 ug/ml
6) N-OCTADECANE	11.630	5810273	49.648 ug/ml
7) N-EICOSANE	12.942	5888443	48.224 ug/ml
8) N-DOCOSANE	14.142	5654510	47.435 ug/ml
10) N-TETRACOSANE	15.249	5544207	46.791 ug/ml
11) N-HEXACOSANE	16.274	5288697	46.037 ug/ml
12) N-OCTACOSANE	17.228	5167283	45.345 ug/mlm
13) N-TRIACONTANE	18.118	5115130	45.525 ug/ml
14) N-DOTRIACONTANE	18.953	4874131	45.469 ug/ml
15) N-TETRATRIACONTANE	19.741	4642775	47.249 ug/ml
16) N-HEXATRIACONTANE	20.483	4107079	48.031 ug/ml
17) N-OCTATRIACONTANE	21.236	3752965	48.897 ug/mlm
18) N-TETRACONTANE	22.175	3267020	47.870 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112525\
Data File : FF016806.D
Signal(s) : FID2B.ch
Acq On : 25 Nov 2025 21:08
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

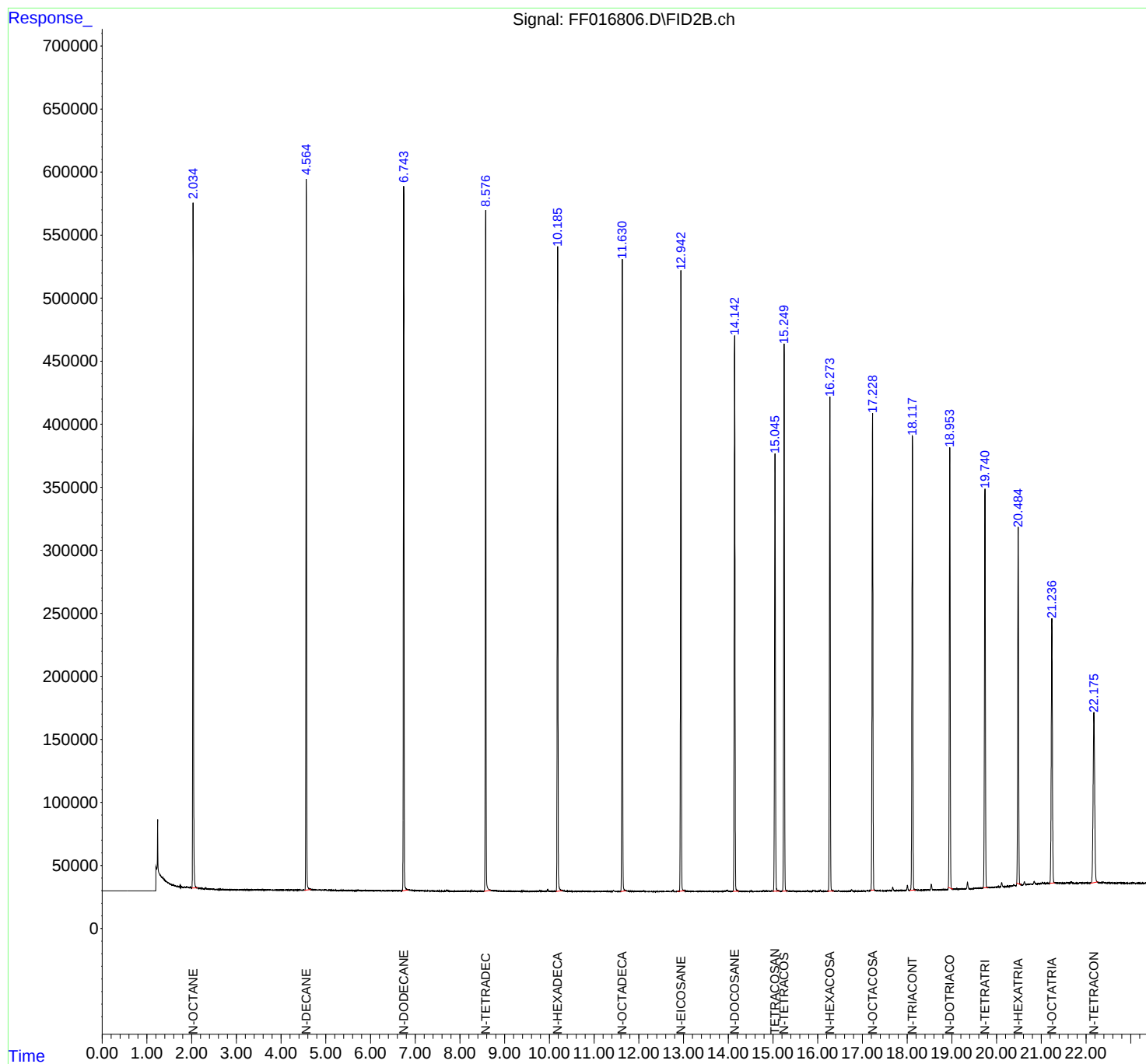
Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

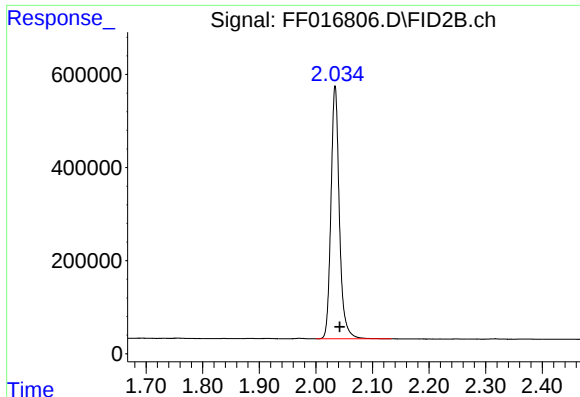
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File: autoint1.e
Quant Time: Nov 26 01:48:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Quant Title :
QLast Update : Wed Oct 29 12:48:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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





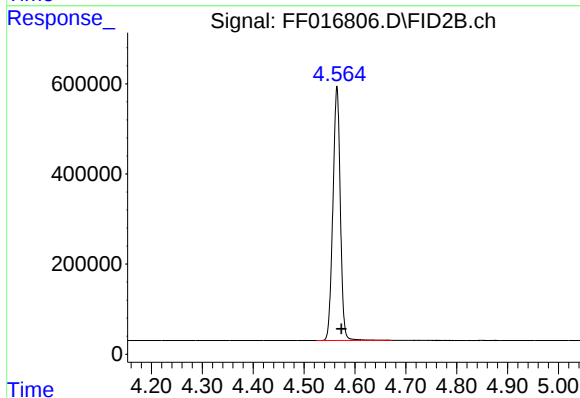
#1 N-OCTANE

R.T.: 2.034 min
Delta R.T.: -0.008 min
Response: 5616365
Conc: 50.60 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

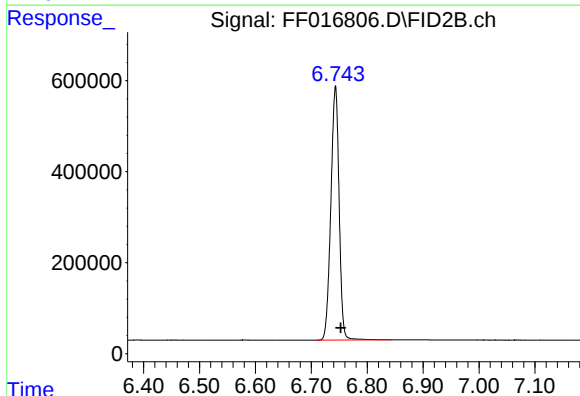
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



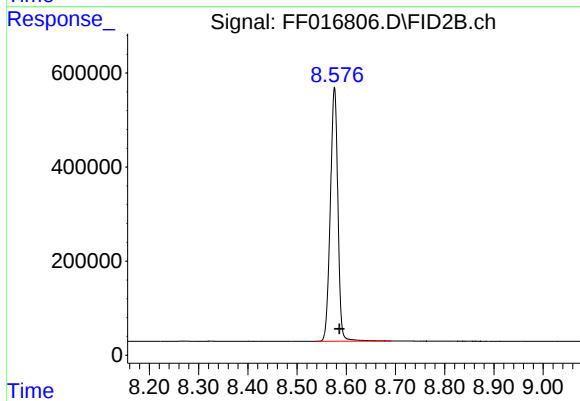
#2 N-DECANE

R.T.: 4.565 min
Delta R.T.: -0.009 min
Response: 5702577
Conc: 51.54 ug/ml



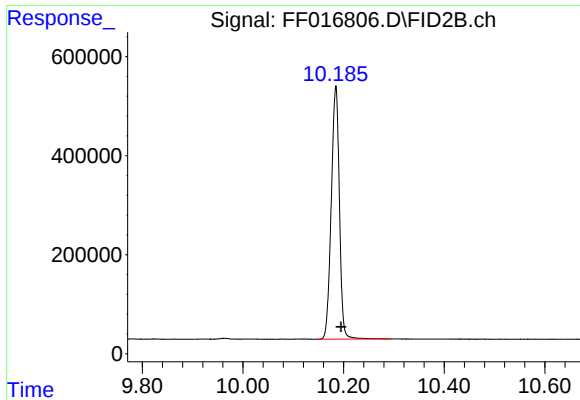
#3 N-DODECANE

R.T.: 6.743 min
Delta R.T.: -0.009 min
Response: 5732221
Conc: 51.60 ug/ml



#4 N-TETRADECANE

R.T.: 8.576 min
Delta R.T.: -0.010 min
Response: 5764766
Conc: 51.60 ug/ml



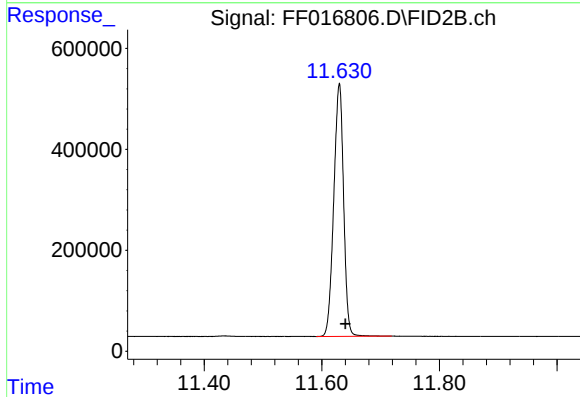
#5 N-HEXADECANE

R.T.: 10.185 min
Delta R.T.: -0.010 min
Response: 5736970
Conc: 51.06 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

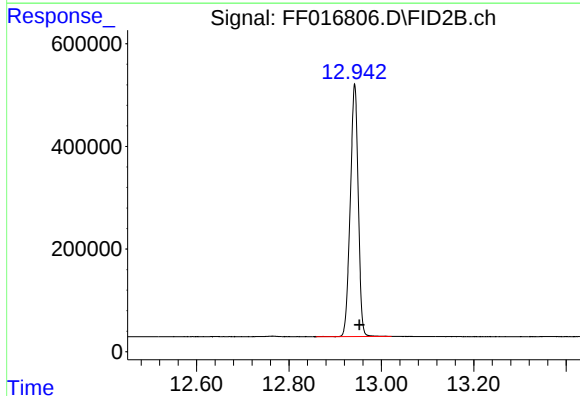
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



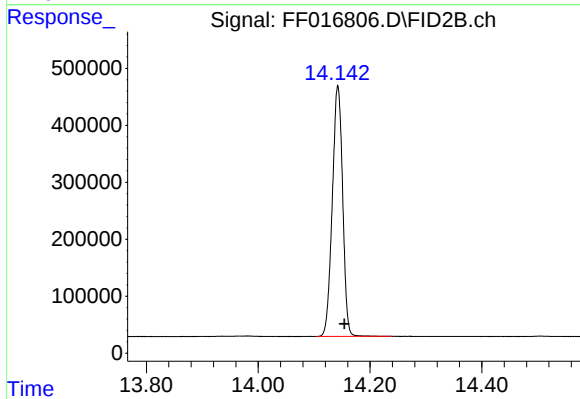
#6 N-OCTADECANE

R.T.: 11.630 min
Delta R.T.: -0.010 min
Response: 5810273
Conc: 49.65 ug/ml



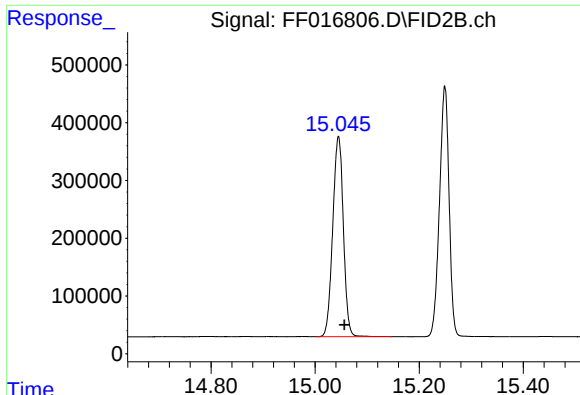
#7 N-EICOSANE

R.T.: 12.942 min
Delta R.T.: -0.010 min
Response: 5888443
Conc: 48.22 ug/ml



#8 N-DOCOSANE

R.T.: 14.142 min
Delta R.T.: -0.012 min
Response: 5654510
Conc: 47.44 ug/ml



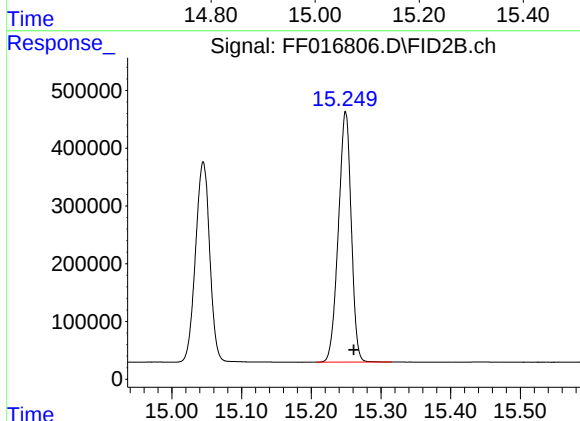
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.045 min
Delta R.T.: -0.011 min
Response: 4912533
Conc: 47.02 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

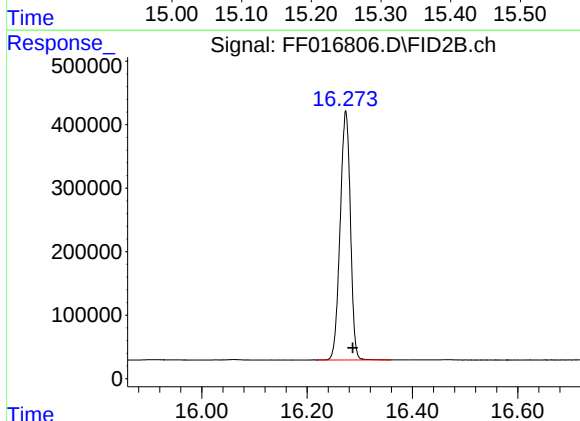
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



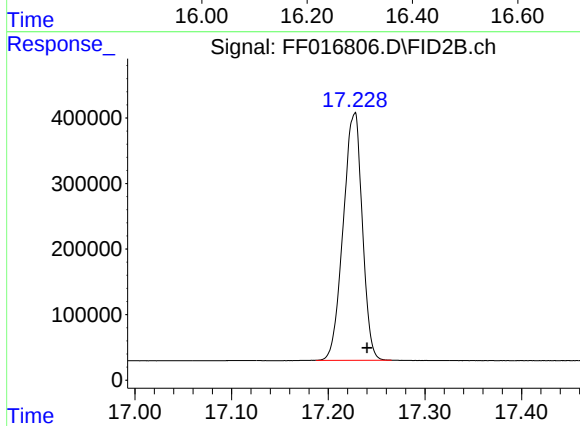
#10 N-TETRACOSANE

R.T.: 15.249 min
Delta R.T.: -0.012 min
Response: 5544207
Conc: 46.79 ug/ml



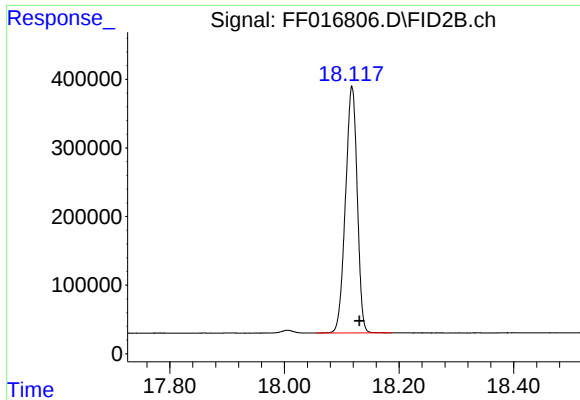
#11 N-HEXACOSANE

R.T.: 16.274 min
Delta R.T.: -0.013 min
Response: 5288697
Conc: 46.04 ug/ml



#12 N-OCTACOSANE

R.T.: 17.228 min
Delta R.T.: -0.012 min
Response: 5167283
Conc: 45.34 ug/ml m



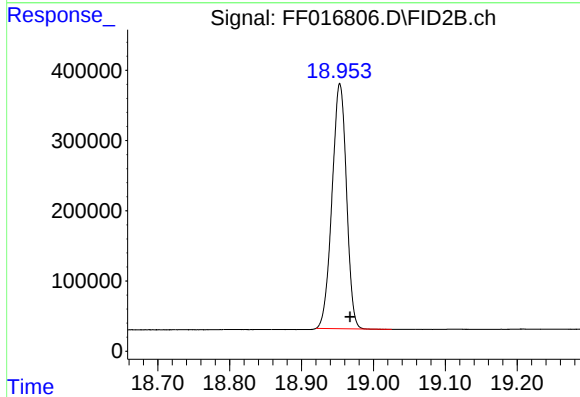
#13 N-TRIACONTANE

R.T.: 18.118 min
Delta R.T.: -0.013 min
Response: 5115130
Conc: 45.53 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

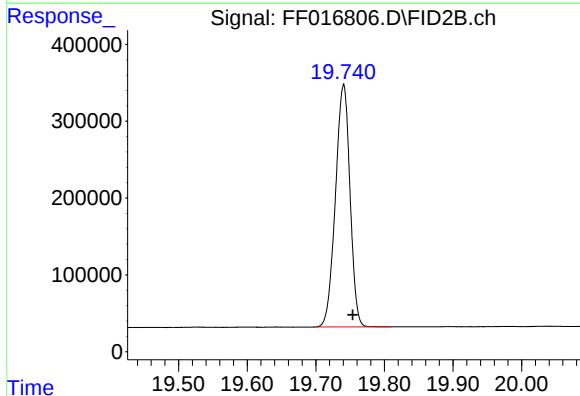
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



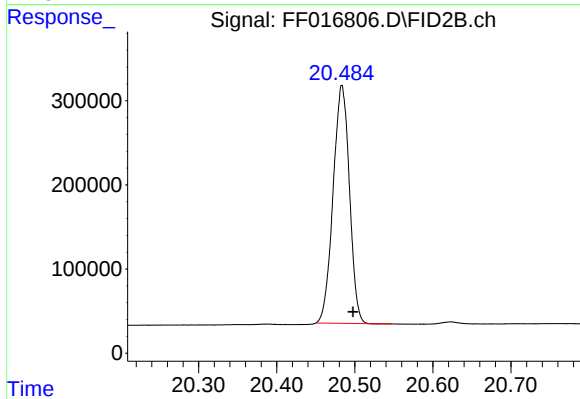
#14 N-DOTRIACONTANE

R.T.: 18.953 min
Delta R.T.: -0.014 min
Response: 4874131
Conc: 45.47 ug/ml



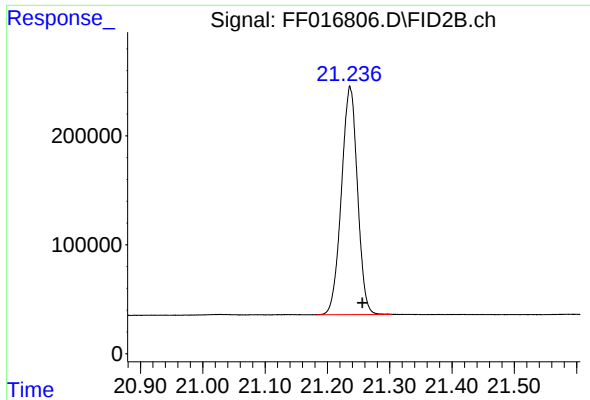
#15 N-TETRATRIACONTANE

R.T.: 19.741 min
Delta R.T.: -0.013 min
Response: 4642775
Conc: 47.25 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.483 min
Delta R.T.: -0.014 min
Response: 4107079
Conc: 48.03 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.236 min
Delta R.T.: -0.021 min
Response: 3752965
Conc: 48.90 ug/ml

Instrument :

FID_F

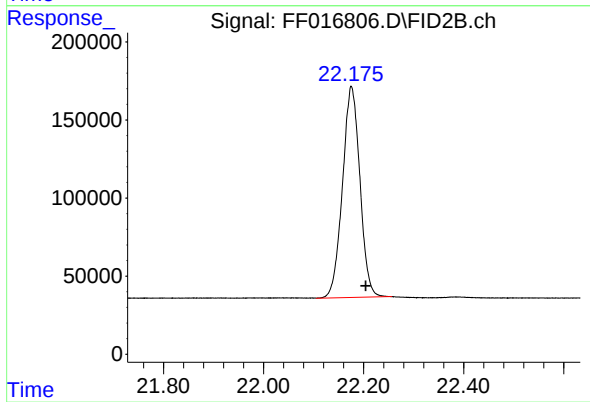
ClientSampleId :
50 PPM TRPH STD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/26/2025

Supervised By :mohammad ahmed 11/27/2025



#18 N-TETRACONTANE

R.T.: 22.175 min
Delta R.T.: -0.029 min
Response: 3267020
Conc: 47.87 ug/ml m