

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100225\
 Data File : FF016513.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 13:23
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e
 Quant Time: Oct 03 03:34:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
 Quant Title :
 QLast Update : Fri Oct 03 03:31:45 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...	15.065	586976	5.008 ug/mlm
Target Compounds			
1) N-OCTANE	2.047	583369	4.976 ug/ml
2) N-DECANE	4.583	590237	4.908 ug/ml
3) N-DODECANE	6.761	594495	4.854 ug/ml
4) N-TETRADECANE	8.594	597390	4.840 ug/ml
5) N-HEXADECANE	10.204	618189	4.939 ug/ml
6) N-OCTADECANE	11.649	648723	5.020 ug/ml
7) N-EICOSANE	12.963	670370	5.090 ug/ml
8) N-DOCOSANE	14.164	657028	5.056 ug/ml
10) N-TETRACOSANE	15.270	662716	5.042 ug/ml
11) N-HEXACOSANE	16.295	663022	5.036 ug/ml
12) N-OCTACOSANE	17.249	665505	5.116 ug/ml
13) N-TRIACONTANE	18.139	689704	5.302 ug/ml
14) N-DOTRIACONTANE	18.975	685711	5.699 ug/ml
15) N-TETRATRIACONTANE	19.761	548534	5.583 ug/ml
16) N-HEXATRIACONTANE	20.504	421389	5.521 ug/ml
17) N-OCTATRIACONTANE	21.263	342578	5.373 ug/ml
18) N-TETRACONTANE	22.210	294514	5.244 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100225\
Data File : FF016513.D
Signal(s) : FID2B.ch
Acq On : 02 Oct 2025 13:23
Operator : YP\AJ
Sample : 5 TRPH STD
Misc :
ALS Vial : 35 Sample Multiplier: 1

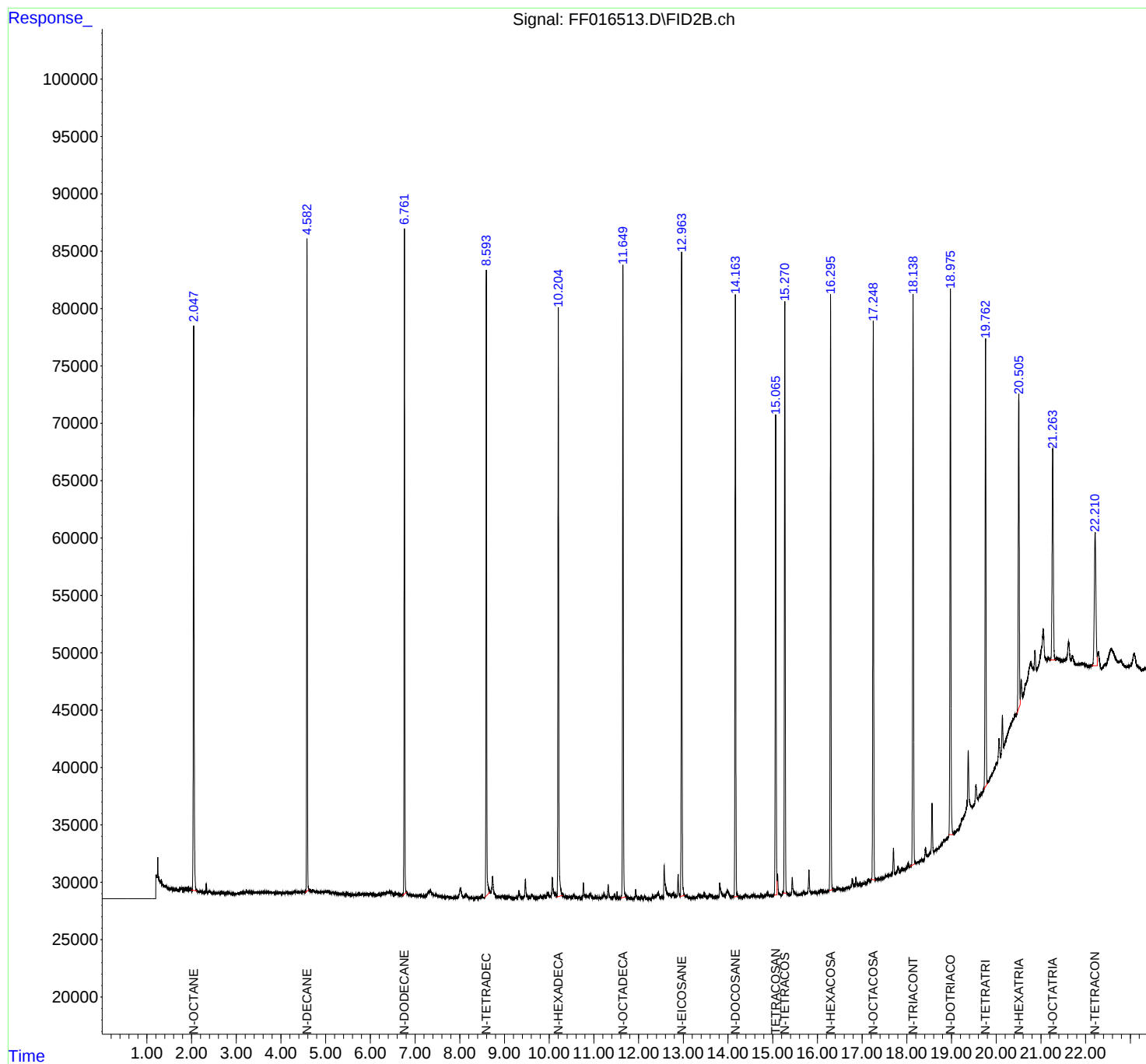
Instrument :
FID_F
ClientSampleId :
5 TRPH STD

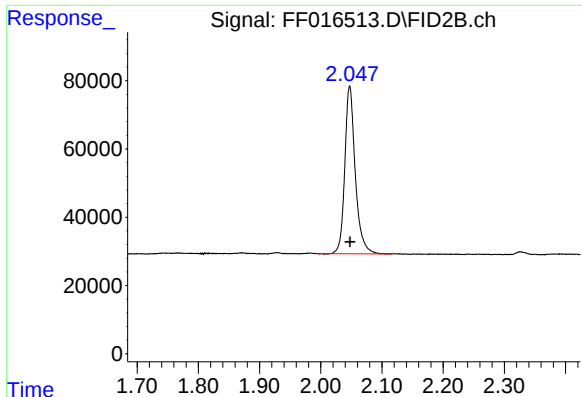
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e
Quant Time: Oct 03 03:34:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Quant Title :
QLast Update : Fri Oct 03 03:31:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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





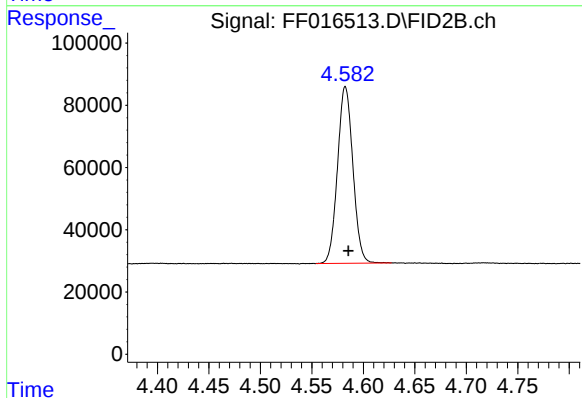
#1 N-OCTANE

R.T.: 2.047 min
Delta R.T.: 0.000 min
Response: 583369
Conc: 4.98 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

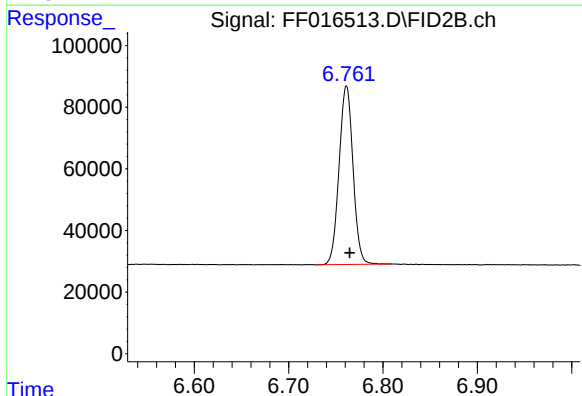
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



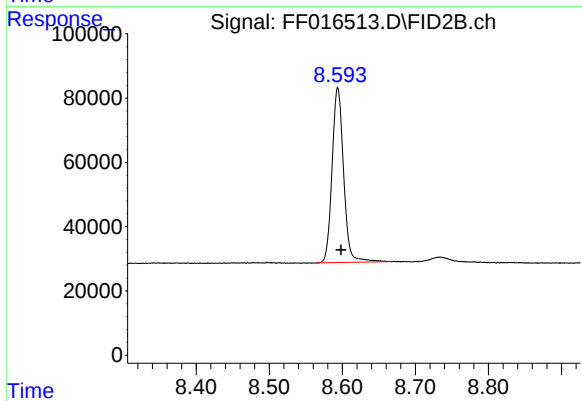
#2 N-DECANE

R.T.: 4.583 min
Delta R.T.: -0.003 min
Response: 590237
Conc: 4.91 ug/ml



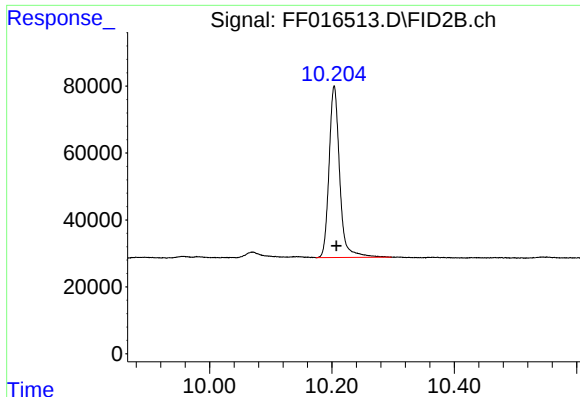
#3 N-DODECANE

R.T.: 6.761 min
Delta R.T.: -0.004 min
Response: 594495
Conc: 4.85 ug/ml



#4 N-TETRADECANE

R.T.: 8.594 min
Delta R.T.: -0.004 min
Response: 597390
Conc: 4.84 ug/ml



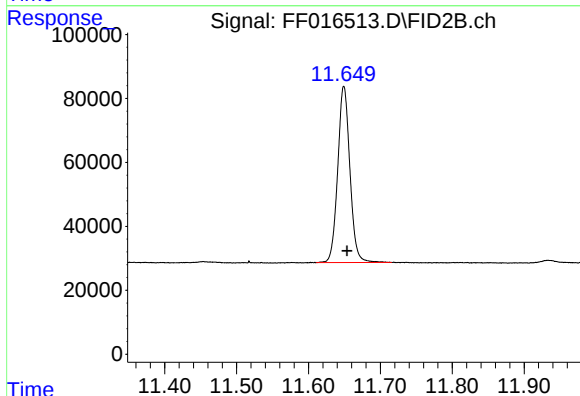
#5 N-HEXADECANE

R.T.: 10.204 min
Delta R.T.: -0.003 min
Response: 618189
Conc: 4.94 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

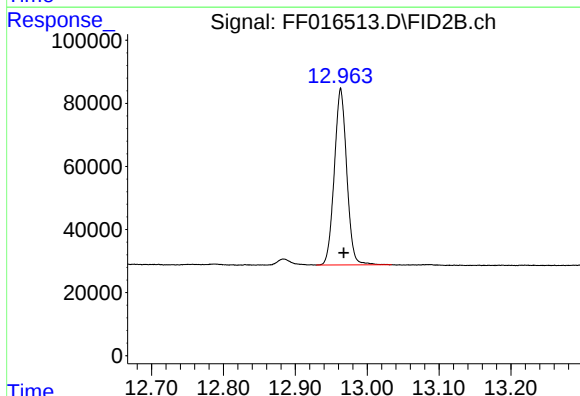
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



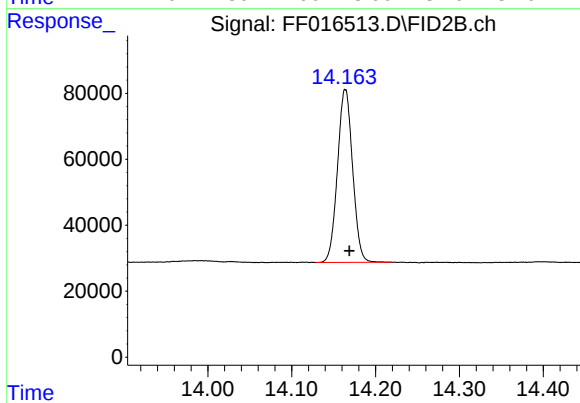
#6 N-OCTADECANE

R.T.: 11.649 min
Delta R.T.: -0.004 min
Response: 648723
Conc: 5.02 ug/ml



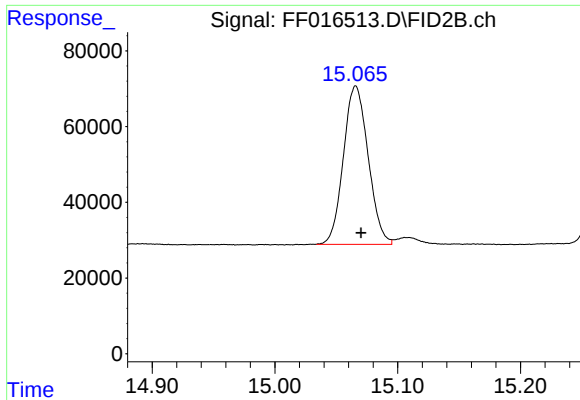
#7 N-EICOSANE

R.T.: 12.963 min
Delta R.T.: -0.004 min
Response: 670370
Conc: 5.09 ug/ml



#8 N-DOCOSANE

R.T.: 14.164 min
Delta R.T.: -0.005 min
Response: 657028
Conc: 5.06 ug/ml



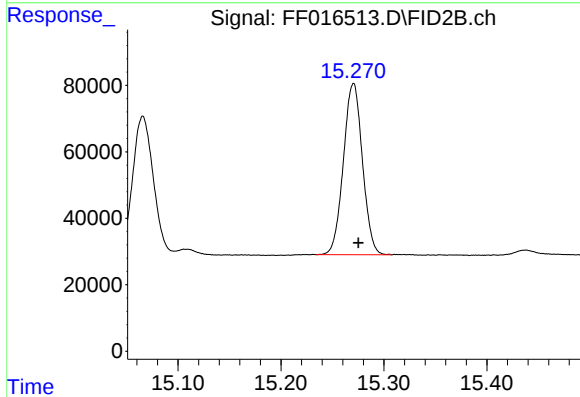
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.065 min
Delta R.T.: -0.005 min
Response: 586976
Conc: 5.01 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

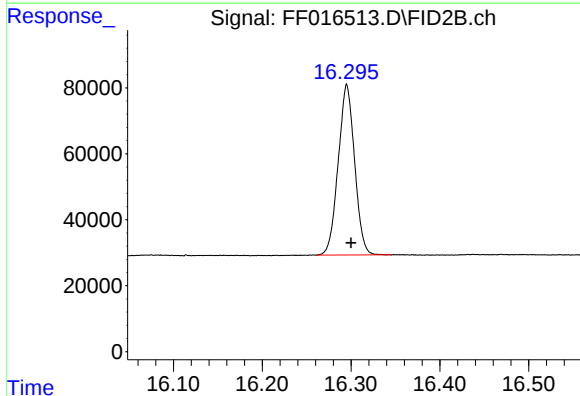
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



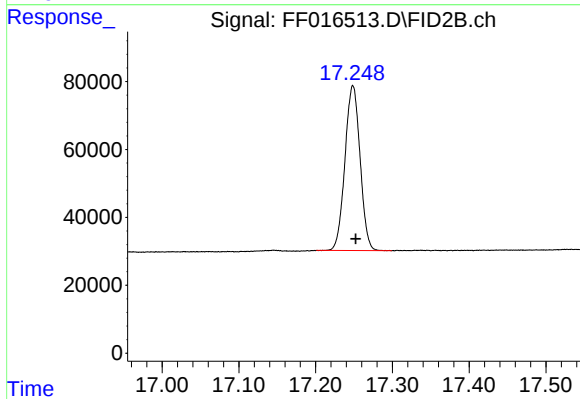
#10 N-TETRACOSANE

R.T.: 15.270 min
Delta R.T.: -0.005 min
Response: 662716
Conc: 5.04 ug/ml



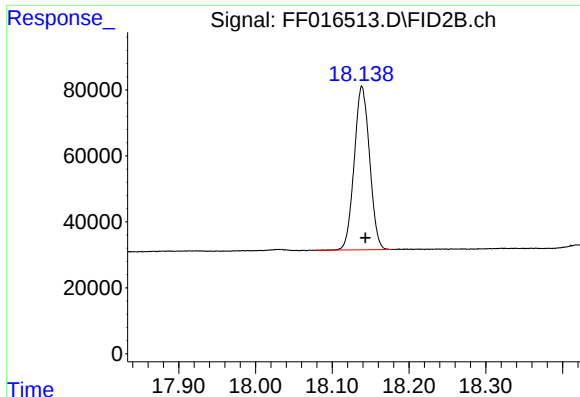
#11 N-HEXACOSANE

R.T.: 16.295 min
Delta R.T.: -0.005 min
Response: 663022
Conc: 5.04 ug/ml



#12 N-OCTACOSANE

R.T.: 17.249 min
Delta R.T.: -0.004 min
Response: 665505
Conc: 5.12 ug/ml



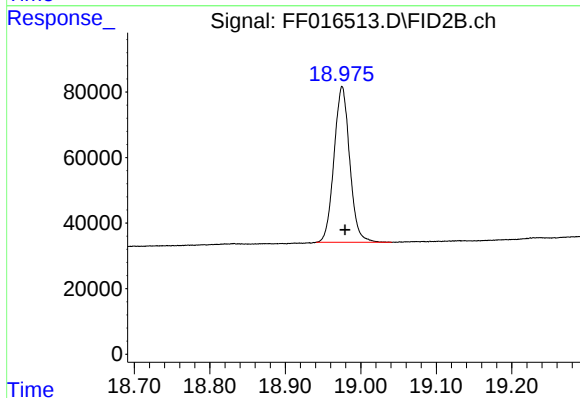
#13 N-TRIACONTANE

R.T.: 18.139 min
Delta R.T.: -0.005 min
Response: 689704
Conc: 5.30 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

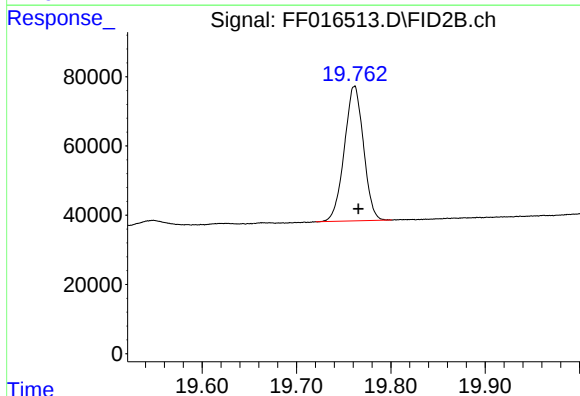
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



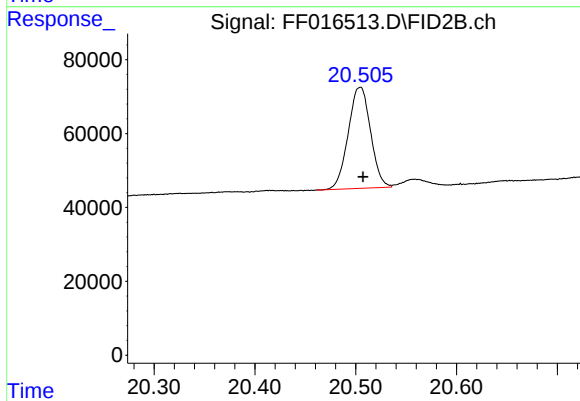
#14 N-DOTRIACONTANE

R.T.: 18.975 min
Delta R.T.: -0.004 min
Response: 685711
Conc: 5.70 ug/ml



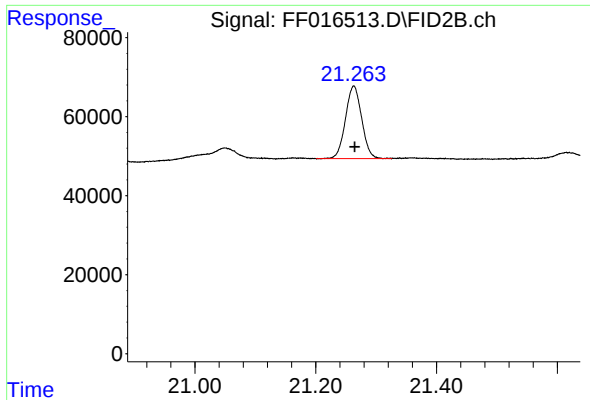
#15 N-TETRATRIACONTANE

R.T.: 19.761 min
Delta R.T.: -0.004 min
Response: 548534
Conc: 5.58 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.504 min
Delta R.T.: -0.003 min
Response: 421389
Conc: 5.52 ug/ml



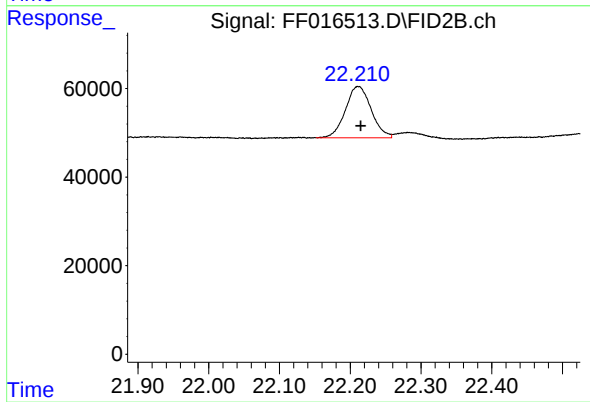
#17 N-OCTATRIACONTANE

R.T.: 21.263 min
Delta R.T.: -0.002 min
Response: 342578
Conc: 5.37 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



#18 N-TETRACONTANE

R.T.: 22.210 min
Delta R.T.: -0.004 min
Response: 294514
Conc: 5.24 ug/ml m