

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090525\
 Data File : FF016339.D
 Signal(s) : FID2B.ch
 Acq On : 05 Sep 2025 12:24
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2025
 Supervised By :mohammad ahmed 09/09/2025

Integration File: autoint1.e
 Quant Time: Sep 05 12:51:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Quant Title :
 QLast Update : Fri Sep 05 12:48:20 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...	15.068	678960	4.128 ug/ml
Target Compounds			
1) N-OCTANE	2.054	687258	4.051 ug/ml
2) N-DECANE	4.589	678090	3.896 ug/ml
3) N-DODECANE	6.767	685541	3.844 ug/ml
4) N-TETRADECANE	8.600	714566	3.964 ug/ml
5) N-HEXADECANE	10.209	735340	4.025 ug/ml
6) N-OCTADECANE	11.654	767544	4.083 ug/ml
7) N-EICOSANE	12.966	779006	4.106 ug/ml
8) N-DOCOSANE	14.167	755818	4.085 ug/ml
10) N-TETRACOSANE	15.271	753006	4.084 ug/ml
11) N-HEXACOSANE	16.297	748491	4.119 ug/ml
12) N-OCTACOSANE	17.249	725312	4.099 ug/ml
13) N-TRIACONTANE	18.139	731238	4.182 ug/ml
14) N-DOTRIACONTANE	18.974	693019	4.302 ug/ml
15) N-TETRATRIACONTANE	19.761	572523	4.256 ug/ml
16) N-HEXATRIACONTANE	20.501	444751	4.143 ug/ml
17) N-OCTATRIACONTANE	21.263	365324	3.980 ug/ml
18) N-TETRACONTANE	22.210	328182	4.054 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090525\
Data File : FF016339.D
Signal(s) : FID2B.ch
Acq On : 05 Sep 2025 12:24
Operator : YP\AJ
Sample : 5 TRPH STD
Misc :
ALS Vial : 65 Sample Multiplier: 1

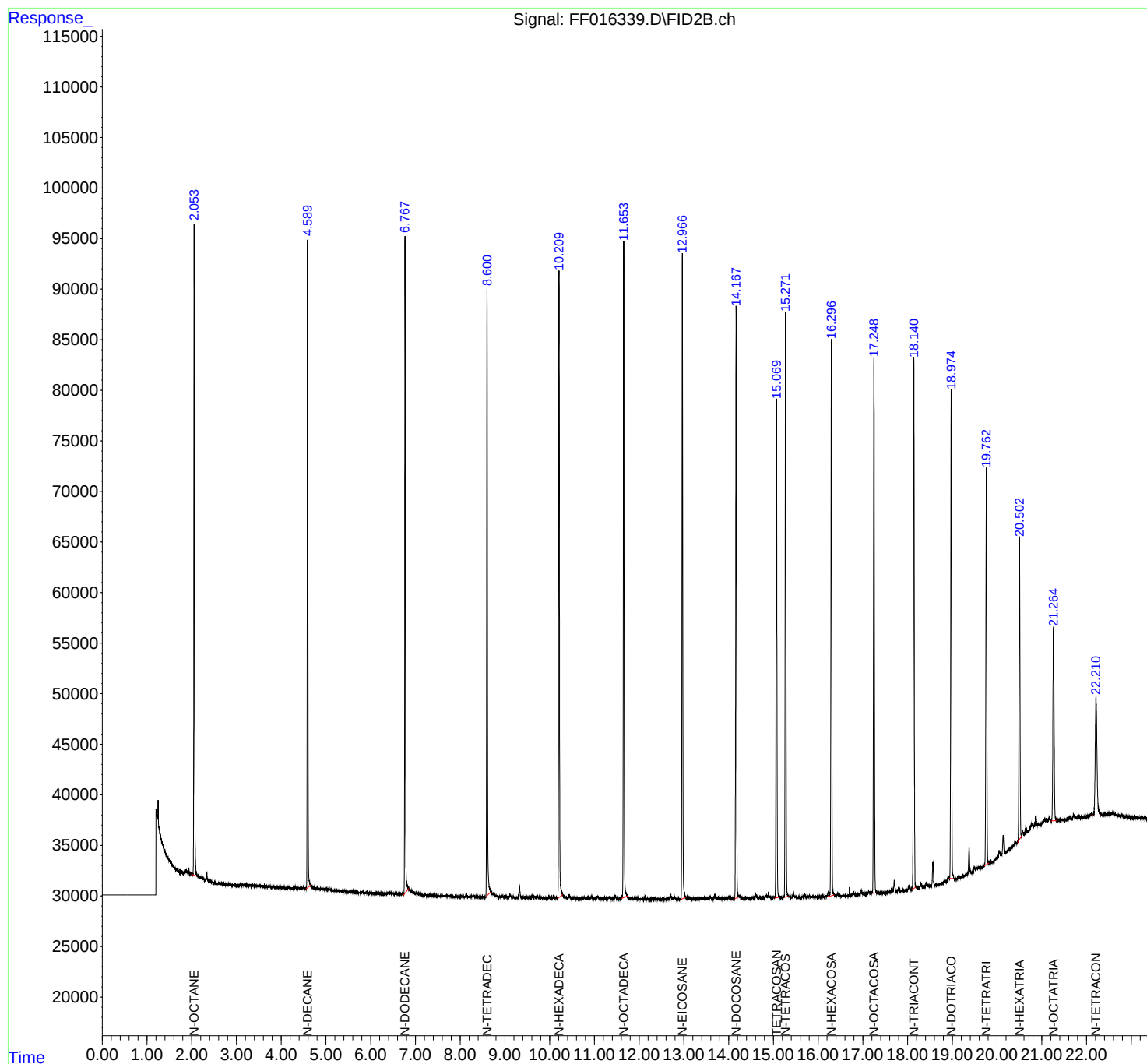
Instrument :
FID_F
ClientSampleId :
5 TRPH STD

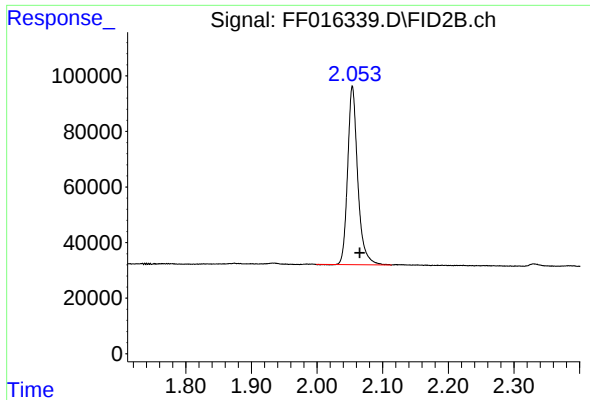
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/09/2025

Integration File: autoint1.e
Quant Time: Sep 05 12:51:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 12:48:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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





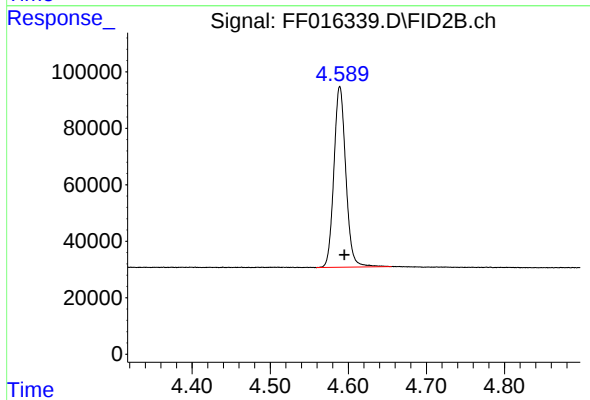
#1 N-OCTANE

R.T.: 2.054 min
Delta R.T.: -0.011 min
Response: 687258
Conc: 4.05 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

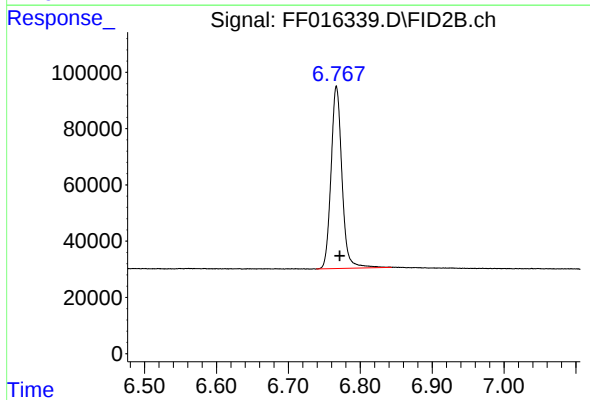
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/09/2025



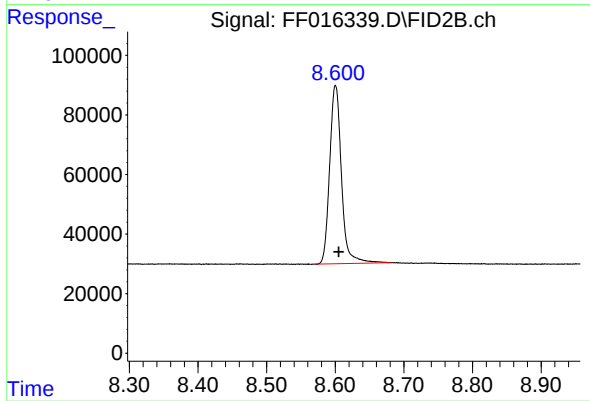
#2 N-DECANE

R.T.: 4.589 min
Delta R.T.: -0.006 min
Response: 678090
Conc: 3.90 ug/ml



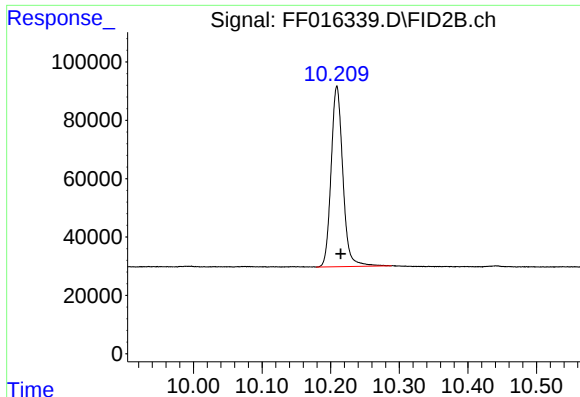
#3 N-DODECANE

R.T.: 6.767 min
Delta R.T.: -0.005 min
Response: 685541
Conc: 3.84 ug/ml



#4 N-TETRADECANE

R.T.: 8.600 min
Delta R.T.: -0.004 min
Response: 714566
Conc: 3.96 ug/ml



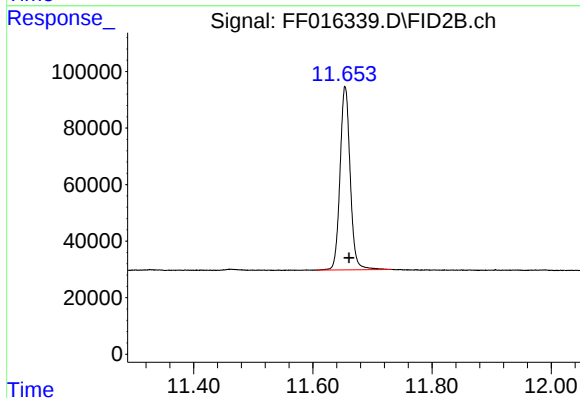
#5 N-HEXADECANE

R.T.: 10.209 min
Delta R.T.: -0.005 min
Response: 735340
Conc: 4.02 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

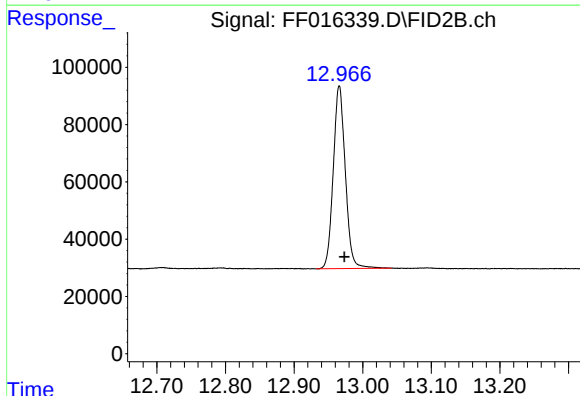
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/09/2025



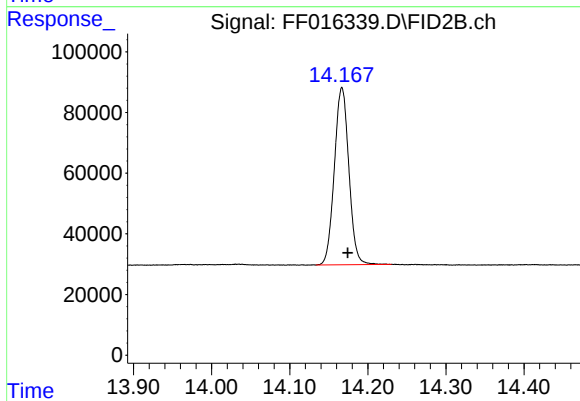
#6 N-OCTADECANE

R.T.: 11.654 min
Delta R.T.: -0.006 min
Response: 767544
Conc: 4.08 ug/ml



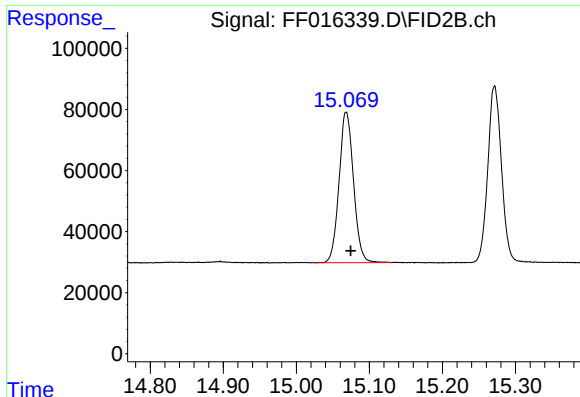
#7 N-EICOSANE

R.T.: 12.966 min
Delta R.T.: -0.007 min
Response: 779006
Conc: 4.11 ug/ml



#8 N-DOCOSANE

R.T.: 14.167 min
Delta R.T.: -0.007 min
Response: 755818
Conc: 4.08 ug/ml



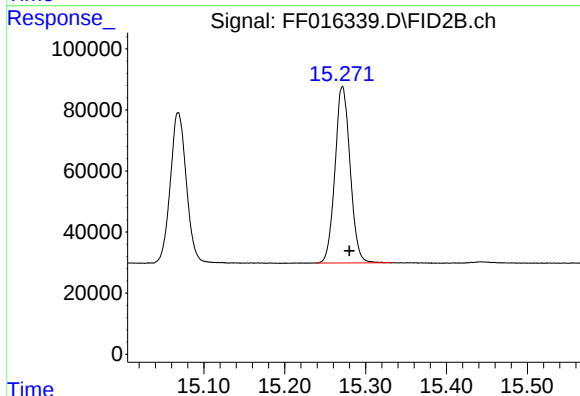
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.068 min
Delta R.T.: -0.006 min
Response: 678960
Conc: 4.13 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

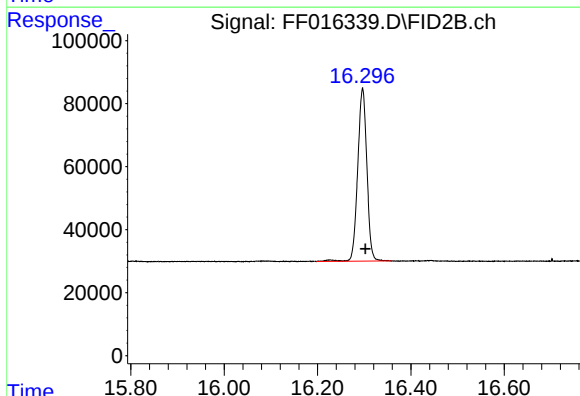
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/09/2025



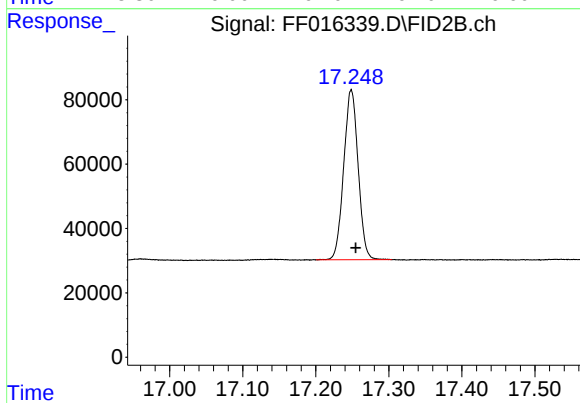
#10 N-TETRACOSANE

R.T.: 15.271 min
Delta R.T.: -0.009 min
Response: 753006
Conc: 4.08 ug/ml



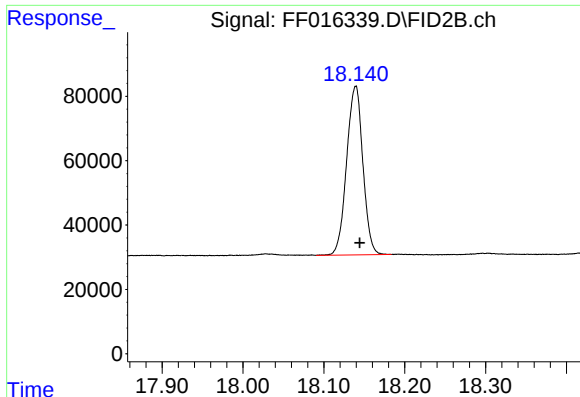
#11 N-HEXACOSANE

R.T.: 16.297 min
Delta R.T.: -0.006 min
Response: 748491
Conc: 4.12 ug/ml



#12 N-OCTACOSANE

R.T.: 17.249 min
Delta R.T.: -0.006 min
Response: 725312
Conc: 4.10 ug/ml



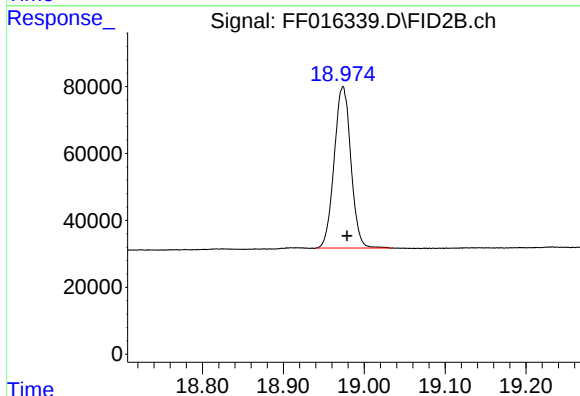
#13 N-TRIACONTANE

R.T.: 18.139 min
Delta R.T.: -0.005 min
Response: 731238
Conc: 4.18 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

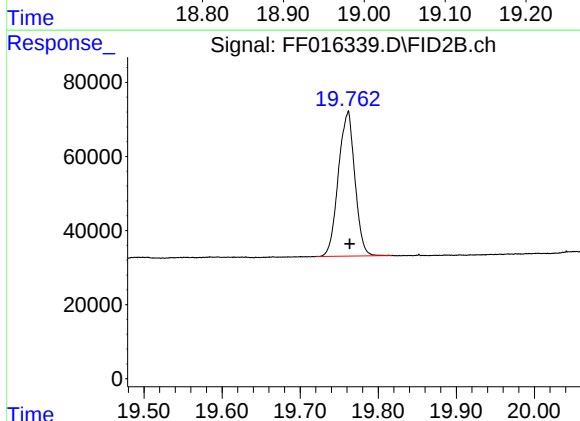
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/09/2025



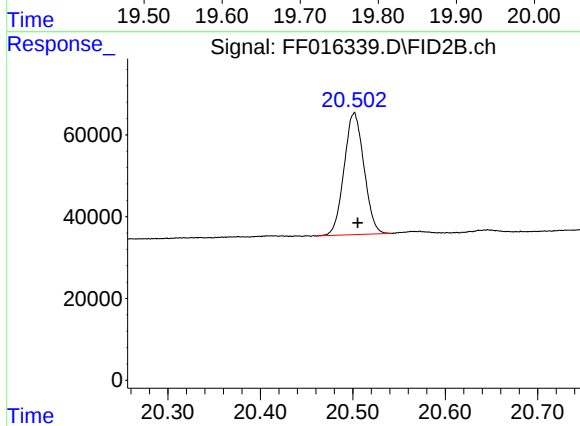
#14 N-DOTRIACONTANE

R.T.: 18.974 min
Delta R.T.: -0.005 min
Response: 693019
Conc: 4.30 ug/ml



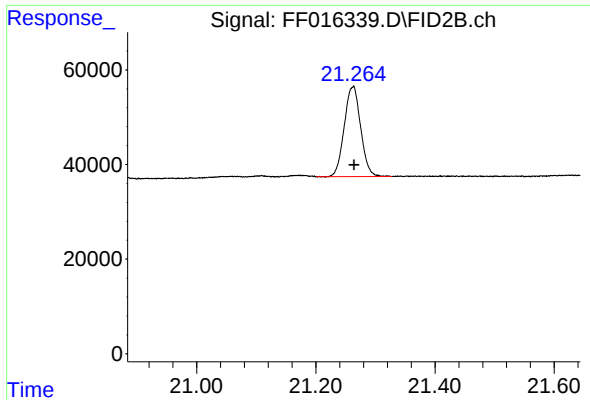
#15 N-TETRATRIACONTANE

R.T.: 19.761 min
Delta R.T.: -0.002 min
Response: 572523
Conc: 4.26 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.501 min
Delta R.T.: -0.004 min
Response: 444751
Conc: 4.14 ug/ml



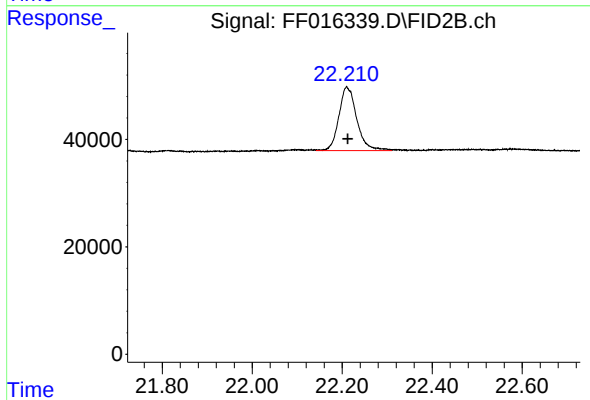
#17 N-OCTATRIACONTANE

R.T.: 21.263 min
Delta R.T.: 0.000 min
Response: 365324
Conc: 3.98 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/09/2025



#18 N-TETRACONTANE

R.T.: 22.210 min
Delta R.T.: -0.003 min
Response: 328182
Conc: 4.05 ug/ml m