

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061025\
 Data File : FF015939.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jun 2025 02:23
 Operator : YP\AJ
 Sample : Q2126-07
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e
 Quant Time: Jun 11 04:49:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052125.M
 Quant Title :
 QLast Update : Wed May 21 12:32:51 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...	15.025	2131002	17.448 ug/ml
Target Compounds			
2) N-DECANE	4.907f	90908	0.767 ug/mlm
3) N-DODECANE	7.062f	172987	1.375 ug/mlm
4) N-TETRADECANE	8.779f	240555	1.917 ug/mlm
5) N-HEXADECANE	10.289f	241178	1.839 ug/mlm
6) N-OCTADECANE	11.673f	281218	2.047 ug/mlm
7) N-EICOSANE	12.955	331646	2.331 ug/mlm
8) N-DOCOSANE	14.139	272518	1.962 ug/ml
10) N-TETRACOSANE	15.244	297696	2.136 ug/ml
11) N-HEXACOSANE	16.266	285294	2.057 ug/ml
12) N-OCTACOSANE	17.212	299423	2.178 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061025\
Data File : FF015939.D
Signal(s) : FID2B.ch
Acq On : 11 Jun 2025 02:23
Operator : YP\AJ
Sample : Q2126-07
Misc :
ALS Vial : 81 Sample Multiplier: 1

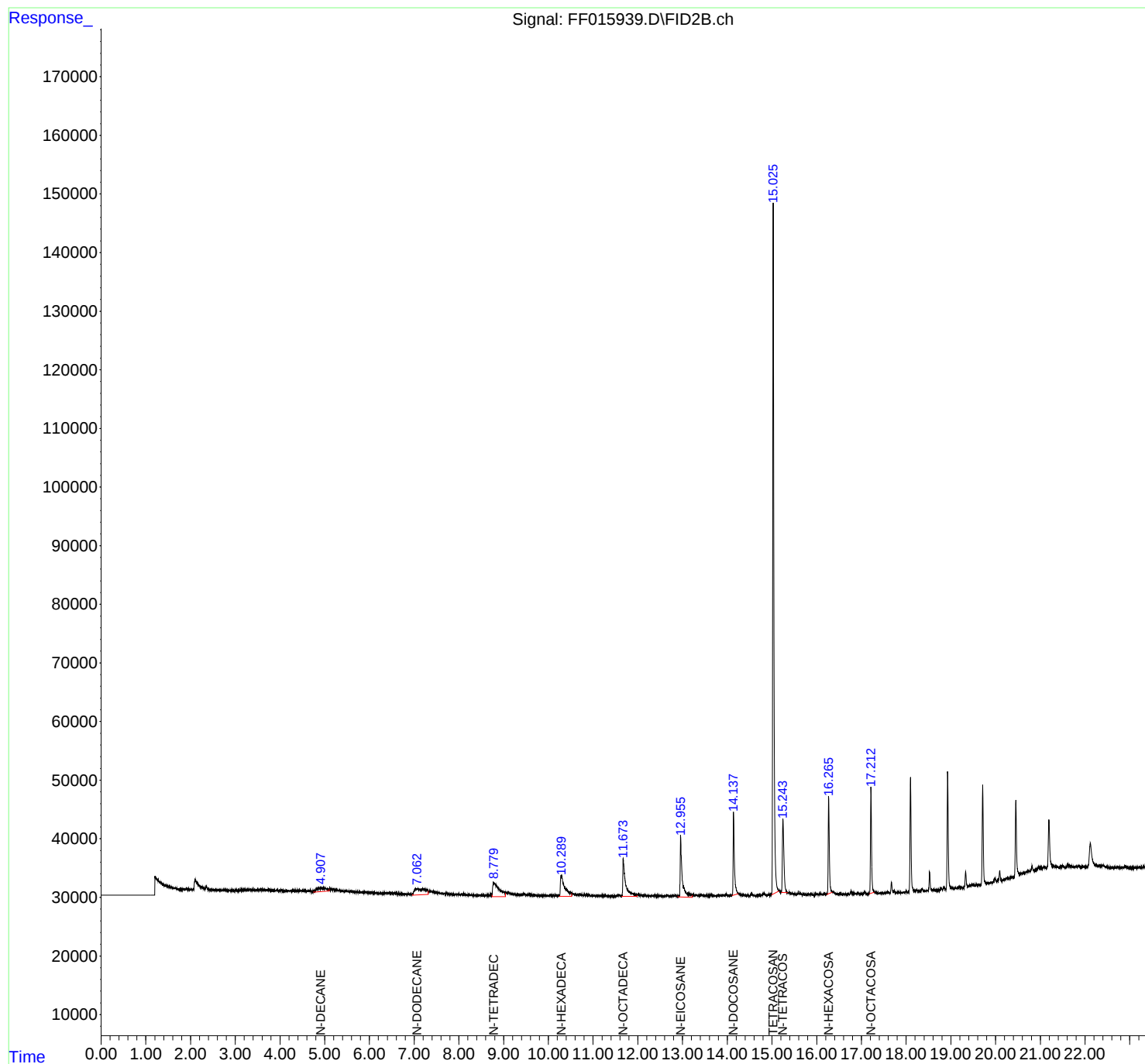
Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

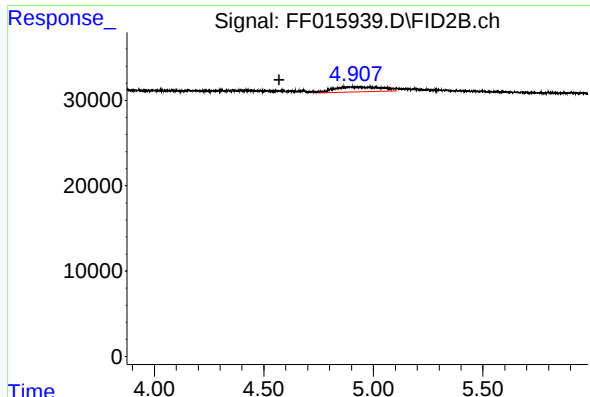
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2025
Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e
Quant Time: Jun 11 04:49:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052125.M
Quant Title :
QLast Update : Wed May 21 12:32:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#2 N-DECANE

R.T.: 4.907 min
Delta R.T.: 0.336 min
Response: 90908
Conc: 0.77 ug/ml

Instrument :

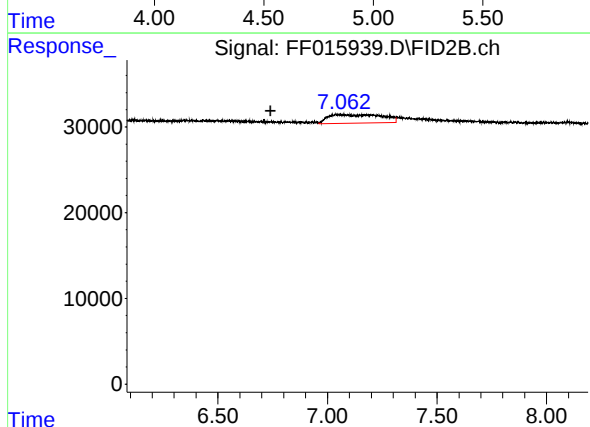
FID_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

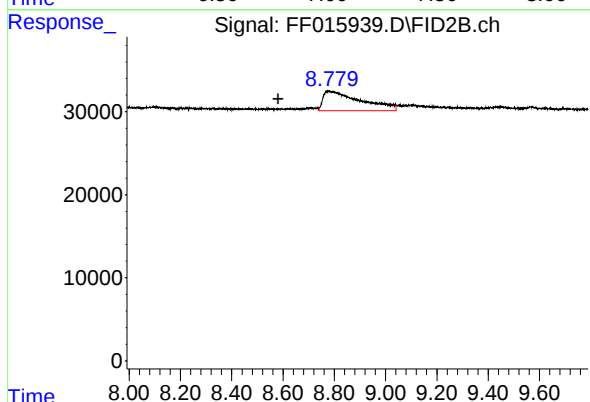
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



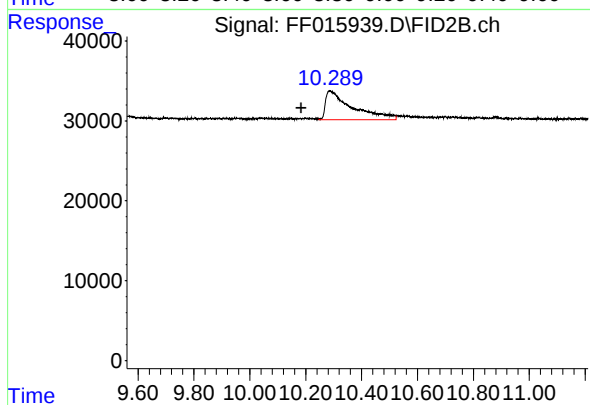
#3 N-DODECANE

R.T.: 7.062 min
Delta R.T.: 0.322 min
Response: 172987
Conc: 1.37 ug/ml m



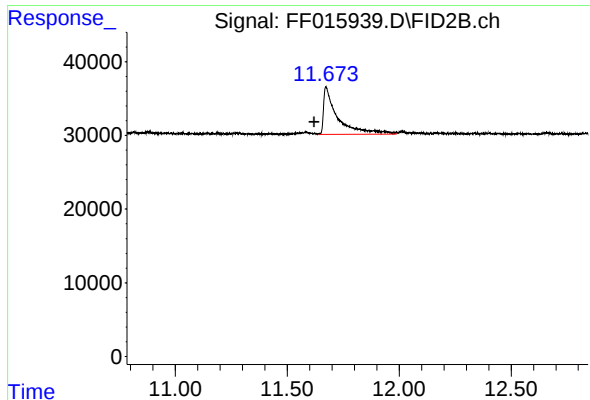
#4 N-TETRADECANE

R.T.: 8.779 min
Delta R.T.: 0.197 min
Response: 240555
Conc: 1.92 ug/ml m



#5 N-HEXADECANE

R.T.: 10.289 min
Delta R.T.: 0.105 min
Response: 241178
Conc: 1.84 ug/ml m



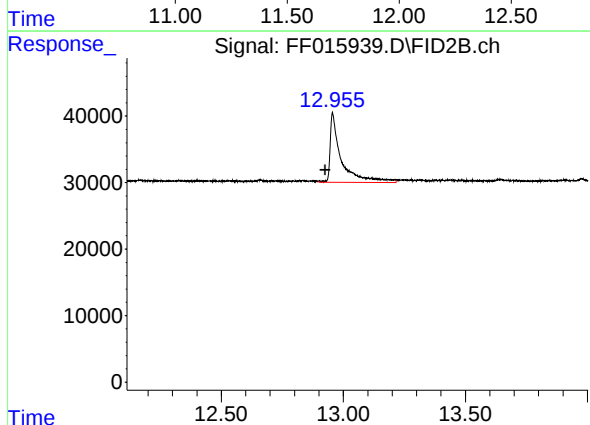
#6 N-OCTADECANE

R.T.: 11.673 min
Delta R.T.: 0.053 min
Response: 281218
Conc: 2.05 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

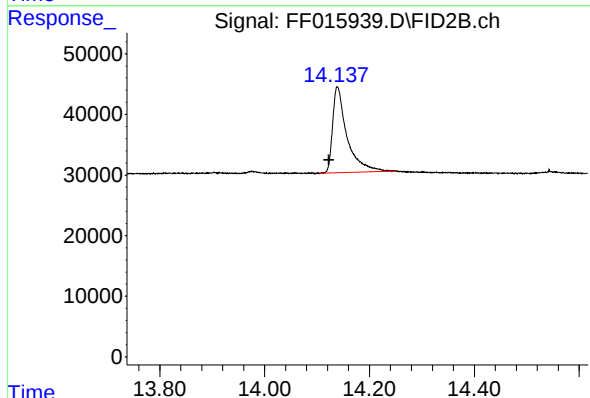
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



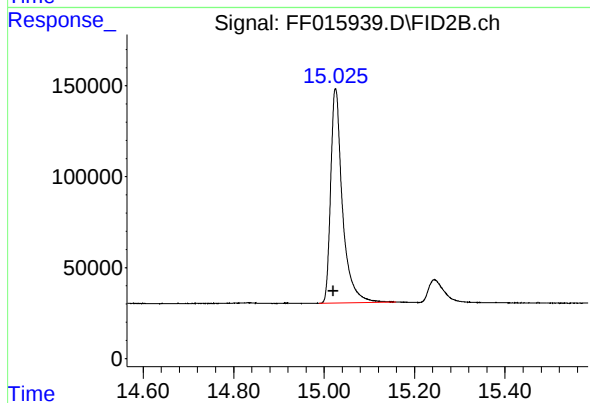
#7 N-EICOSANE

R.T.: 12.955 min
Delta R.T.: 0.028 min
Response: 331646
Conc: 2.33 ug/ml m



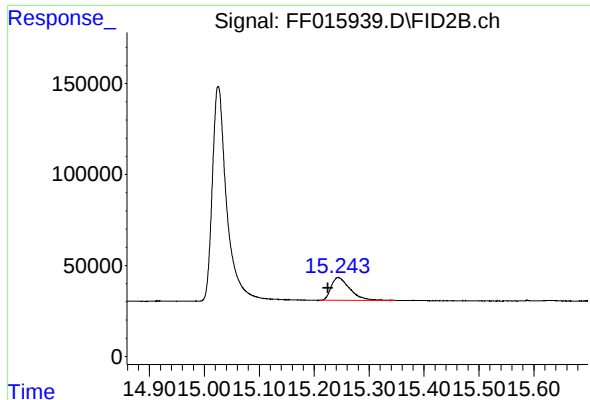
#8 N-DOCOSANE

R.T.: 14.139 min
Delta R.T.: 0.016 min
Response: 272518
Conc: 1.96 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.025 min
Delta R.T.: 0.004 min
Response: 2131002
Conc: 17.45 ug/ml



#10 N-TETRACOSANE

R.T.: 15.244 min
Delta R.T.: 0.019 min
Response: 297696
Conc: 2.14 ug/ml

Instrument :

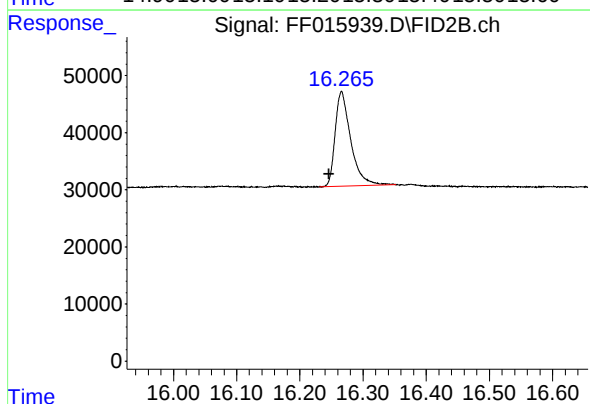
FID_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

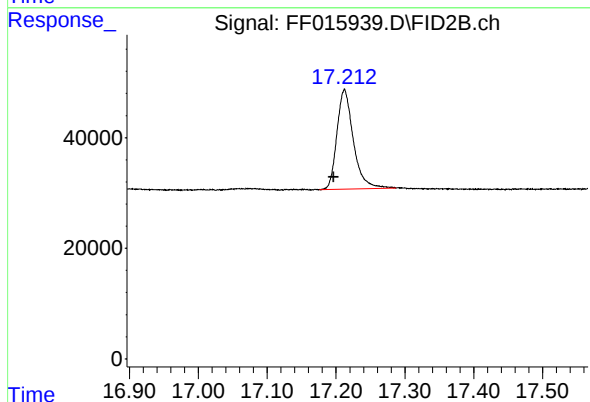
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



#11 N-HEXACOSANE

R.T.: 16.266 min
Delta R.T.: 0.020 min
Response: 285294
Conc: 2.06 ug/ml



#12 N-OCTACOSANE

R.T.: 17.212 min
Delta R.T.: 0.015 min
Response: 299423
Conc: 2.18 ug/ml