

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061025\
 Data File : FF015938.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jun 2025 01:53
 Operator : YP\AJ
 Sample : Q2126-07
 Misc :
 ALS Vial : 80 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 04:49:10 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	2147533	17.583 ug/ml
Target Compounds			
2) N-DECANE	4.497f	30611	0.258 ug/mlm
3) N-DODECANE	7.439f	102166	0.812 ug/mlm
4) N-TETRADECANE	8.967f	87057	0.694 ug/mlm
5) N-HEXADECANE	10.407f	75711	0.577 ug/mlm
6) N-OCTADECANE	11.727f	100848	0.734 ug/mlm
7) N-EICOSANE	12.979f	123612	0.869 ug/mlm
8) N-DOCOSANE	14.140	154457	1.112 ug/mlm
10) N-TETRACOSANE	15.248	175494	1.259 ug/mlm
11) N-HEXACOSANE	16.277	158437	1.142 ug/mlm
12) N-OCTACOSANE	17.221	143815	1.046 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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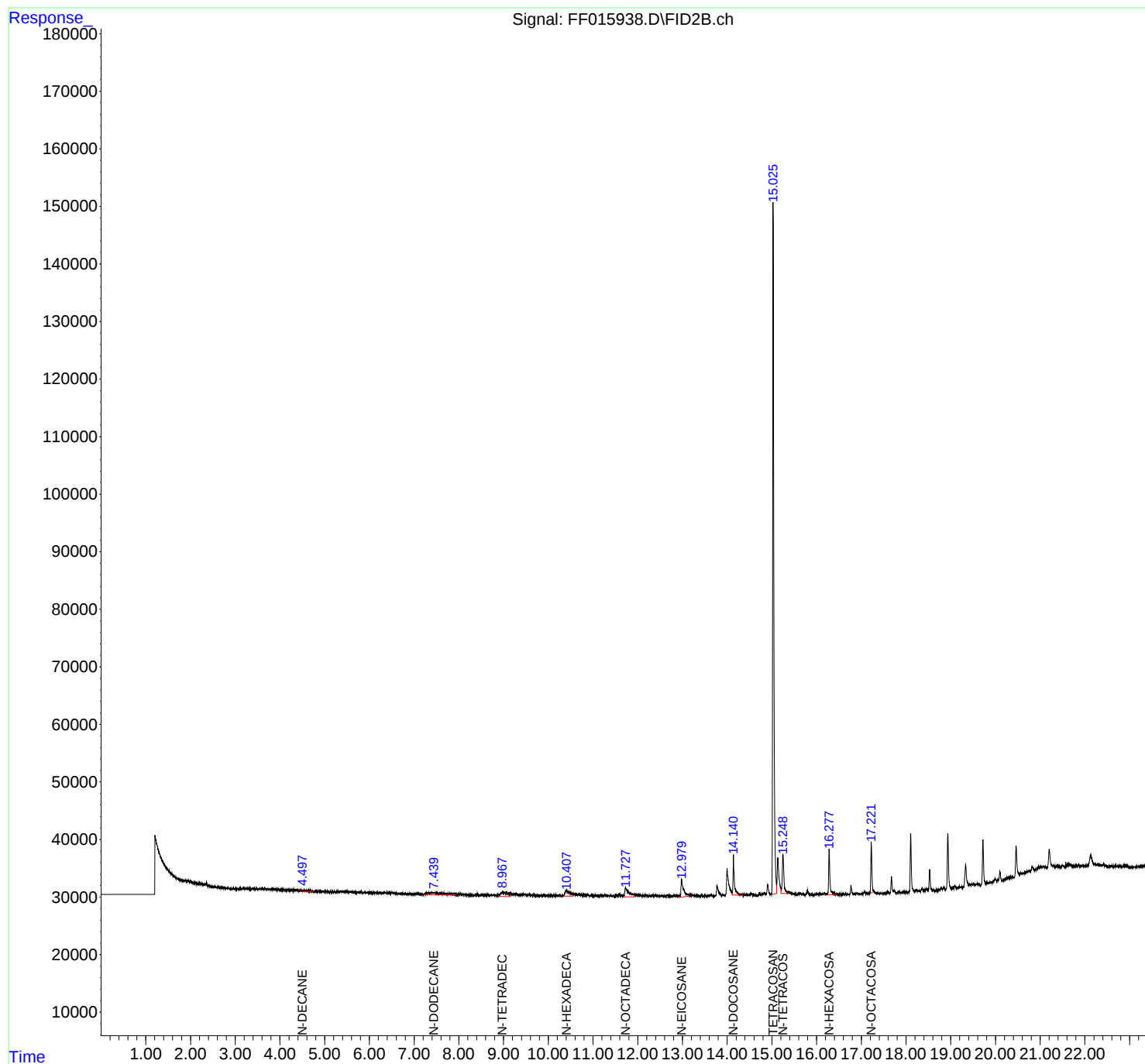
Instrument :
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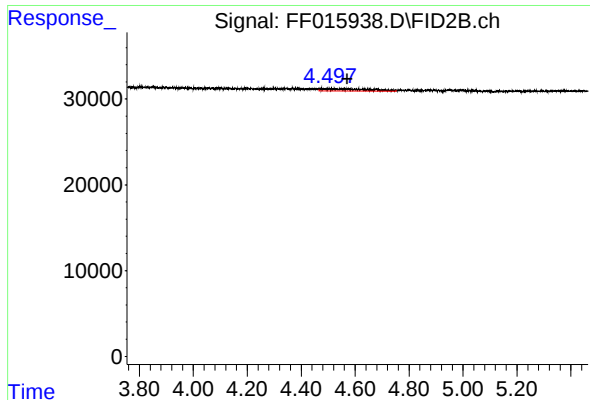
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Signal Info : 20mx0.18mmx0.18um





#2 N-DECANE

R.T.: 4.497 min
Delta R.T.: -0.074 min
Response: 30611
Conc: 0.26 ug/ml

Instrument :

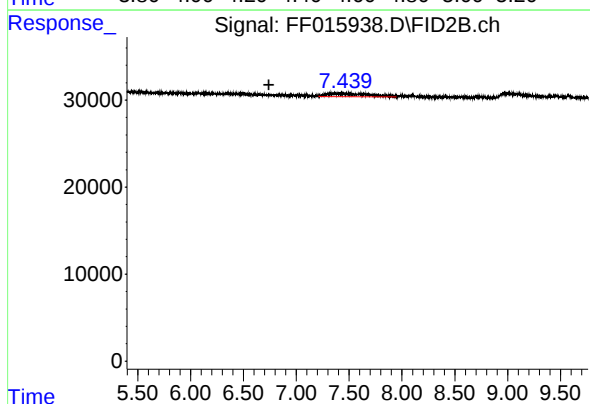
FID_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

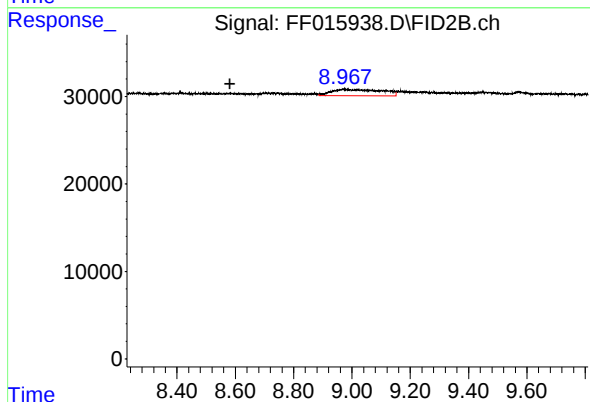
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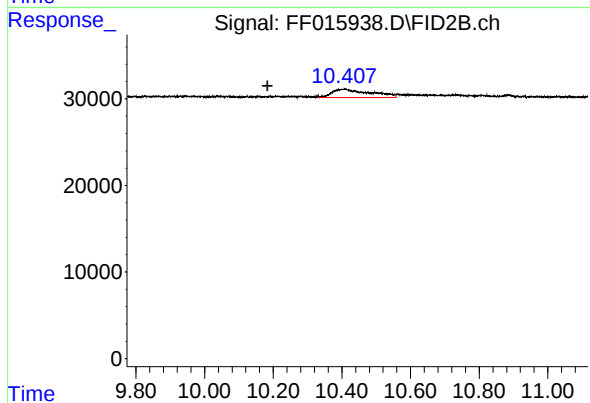
#3 N-DODECANE

R.T.: 7.439 min
Delta R.T.: 0.698 min
Response: 102166
Conc: 0.81 ug/ml m



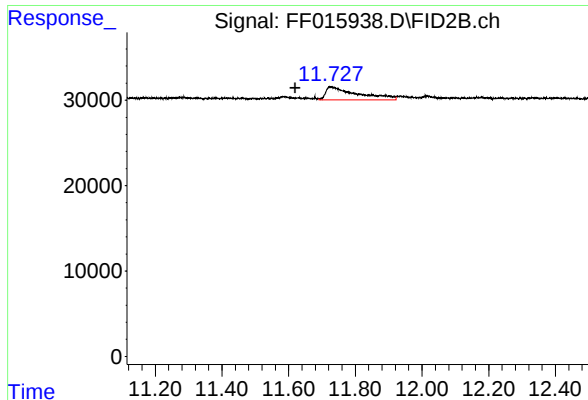
#4 N-TETRADECANE

R.T.: 8.967 min
Delta R.T.: 0.385 min
Response: 87057
Conc: 0.69 ug/ml m



#5 N-HEXADECANE

R.T.: 10.407 min
Delta R.T.: 0.223 min
Response: 75711
Conc: 0.58 ug/ml m



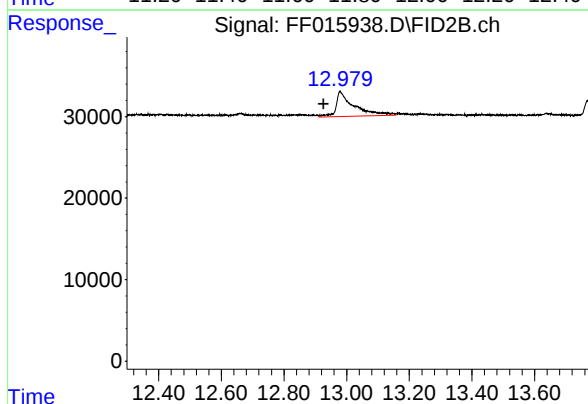
#6 N-OCTADECANE

R.T.: 11.727 min
Delta R.T.: 0.106 min
Response: 100848
Conc: 0.73 ug/ml

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

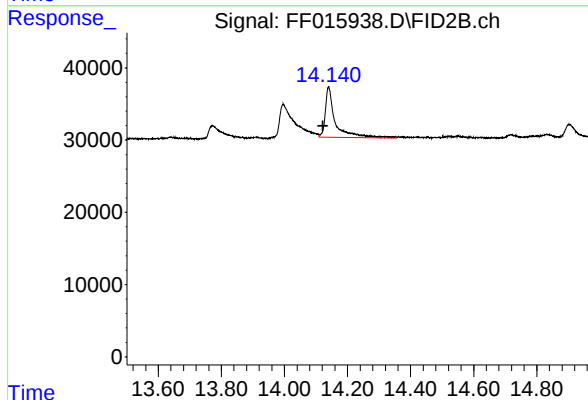
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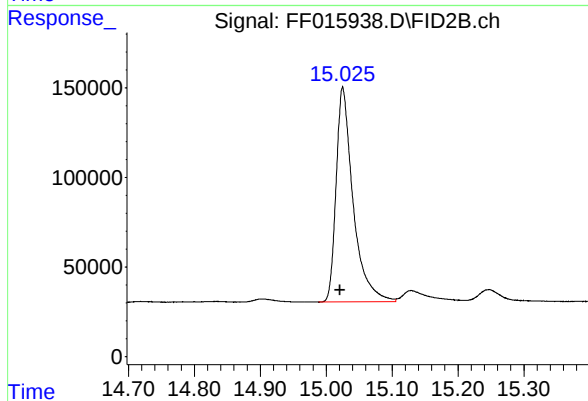
#7 N-EICOSANE

R.T.: 12.979 min
Delta R.T.: 0.052 min
Response: 123612
Conc: 0.87 ug/ml m



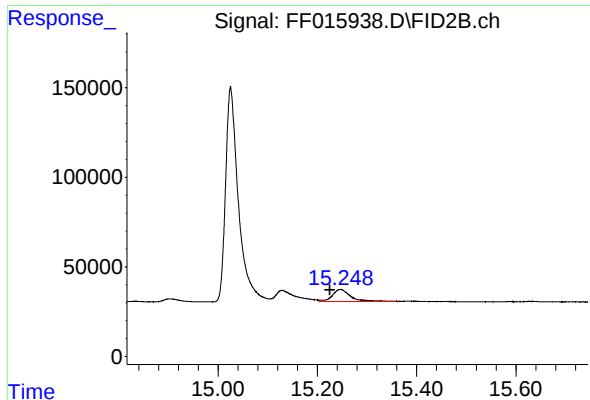
#8 N-DOCOSANE

R.T.: 14.140 min
Delta R.T.: 0.018 min
Response: 154457
Conc: 1.11 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.025 min
Delta R.T.: 0.004 min
Response: 2147533
Conc: 17.58 ug/ml



#10 N-TETRACOSANE

R.T.: 15.248 min
Delta R.T.: 0.022 min
Response: 175494
Conc: 1.26 ug/ml

Instrument :

FID_F

ClientSampleId :

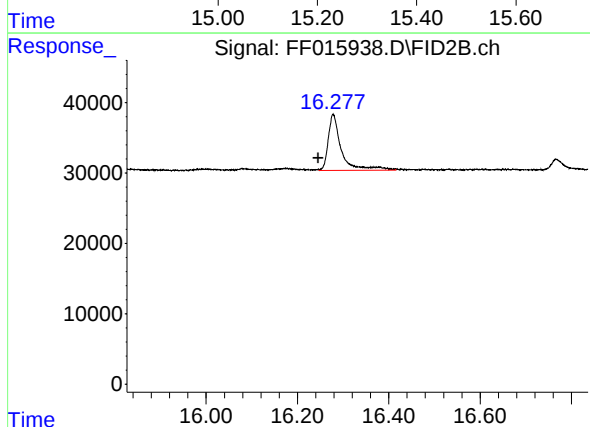
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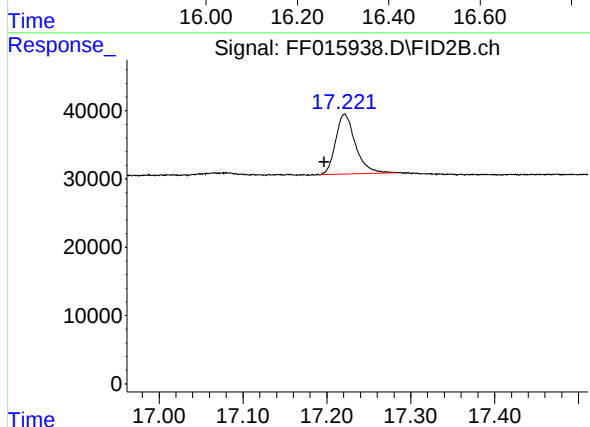
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#11 N-HEXACOSANE

R.T.: 16.277 min
Delta R.T.: 0.031 min
Response: 158437
Conc: 1.14 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.221 min
Delta R.T.: 0.024 min
Response: 143815
Conc: 1.05 ug/ml