

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061025\
 Data File : FF015940.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jun 2025 02:52
 Operator : YP\AJ
 Sample : Q2126-08
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-02-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 04:49:49 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...	15.020	2494798	20.426 ug/ml
Target Compounds			
2) N-DECANE	4.635f	501239	4.229 ug/mlm
3) N-DODECANE	6.890f	502675	3.995 ug/mlm
4) N-TETRADECANE	8.638f	568444	4.530 ug/mlm
5) N-HEXADECANE	10.205	607379	4.631 ug/mlm
6) N-OCTADECANE	11.633	576914	4.199 ug/ml
7) N-EICOSANE	12.932	669387	4.704 ug/ml
8) N-DOCOSANE	14.124	785704	5.656 ug/ml
10) N-TETRACOSANE	15.227	801640	5.751 ug/ml
11) N-HEXACOSANE	16.250	771447	5.562 ug/ml
12) N-OCTACOSANE	17.198	767475	5.583 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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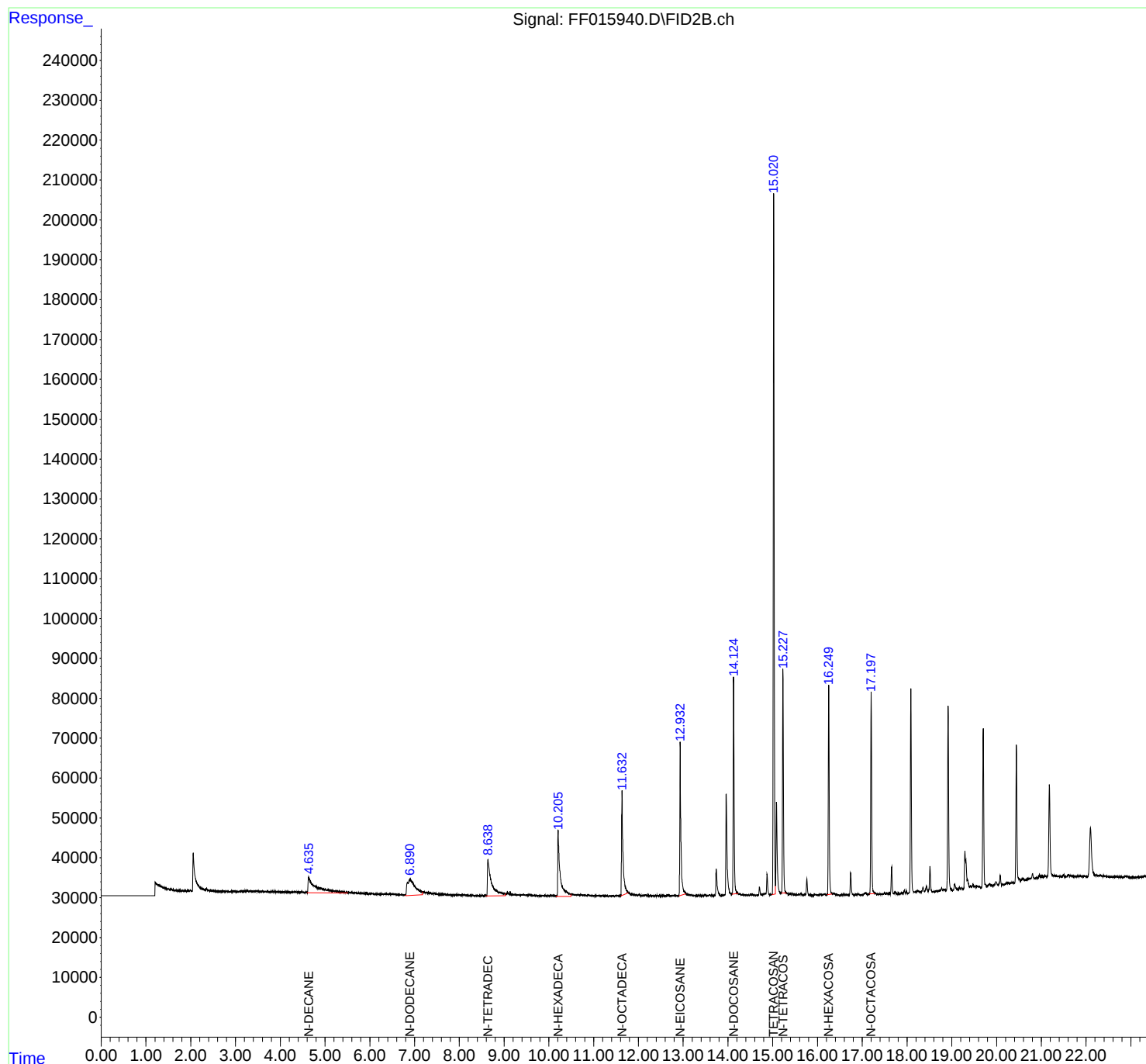
Instrument :
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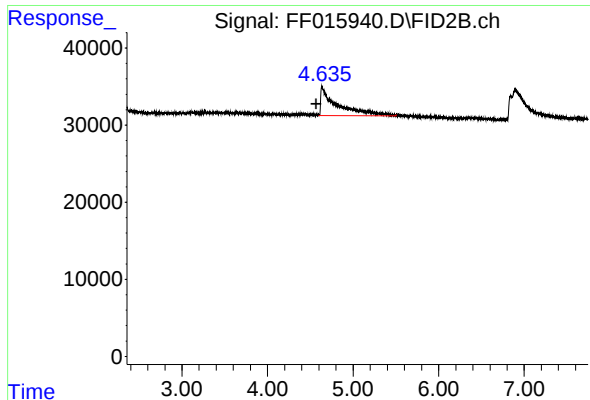
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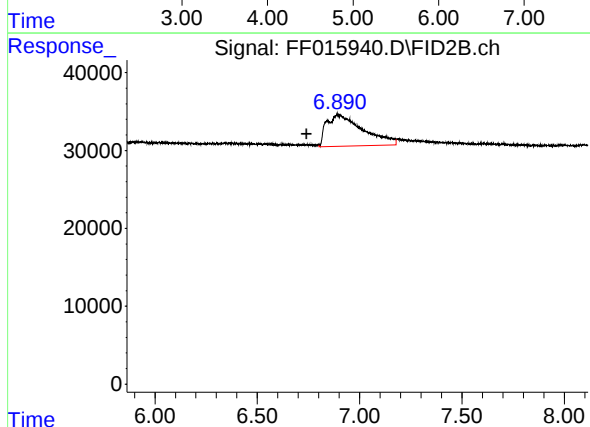
#2 N-DECANE

R.T.: 4.635 min
Delta R.T.: 0.064 min
Response: 501239
Conc: 4.23 ug/ml

Instrument :
FID_F
ClientSampleId :
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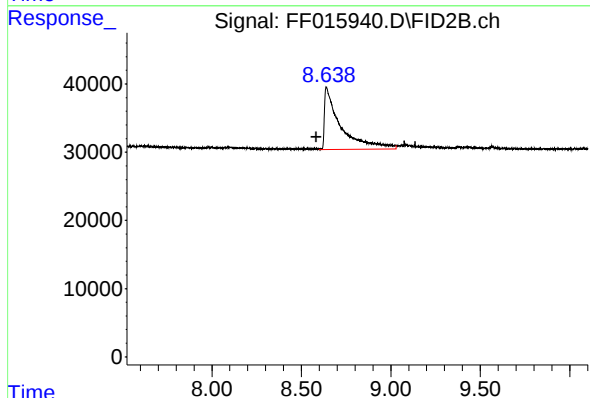
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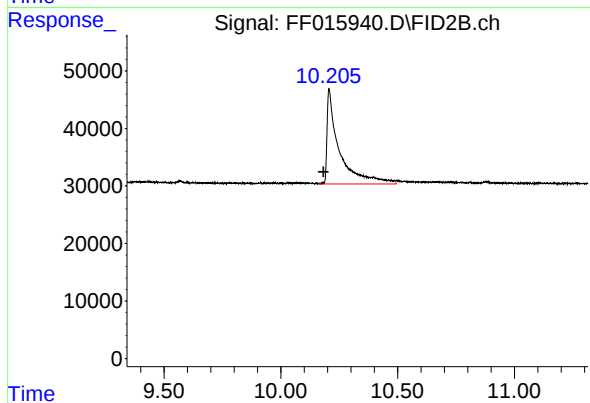
#3 N-DODECANE

R.T.: 6.890 min
Delta R.T.: 0.149 min
Response: 502675
Conc: 4.00 ug/ml m



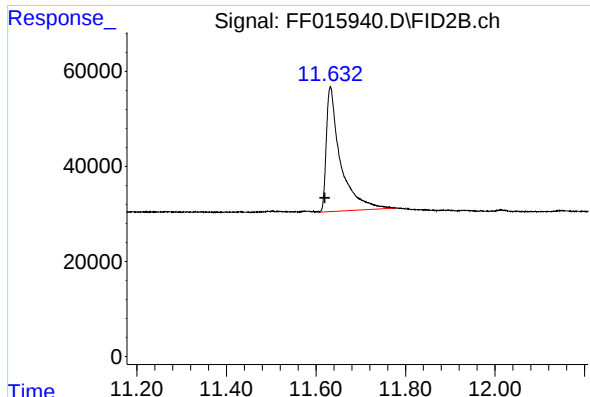
#4 N-TETRADECANE

R.T.: 8.638 min
Delta R.T.: 0.055 min
Response: 568444
Conc: 4.53 ug/ml m



#5 N-HEXADECANE

R.T.: 10.205 min
Delta R.T.: 0.022 min
Response: 607379
Conc: 4.63 ug/ml m



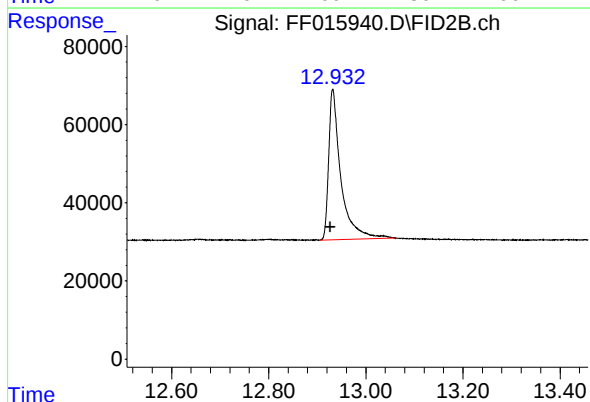
#6 N-OCTADECANE

R.T.: 11.633 min
Delta R.T.: 0.012 min
Response: 576914
Conc: 4.20 ug/ml

Instrument :
FID_F
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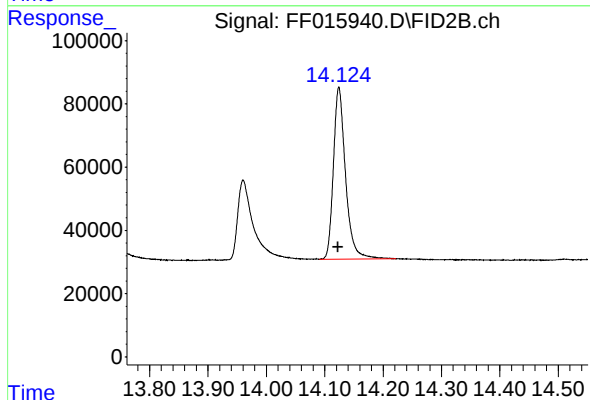
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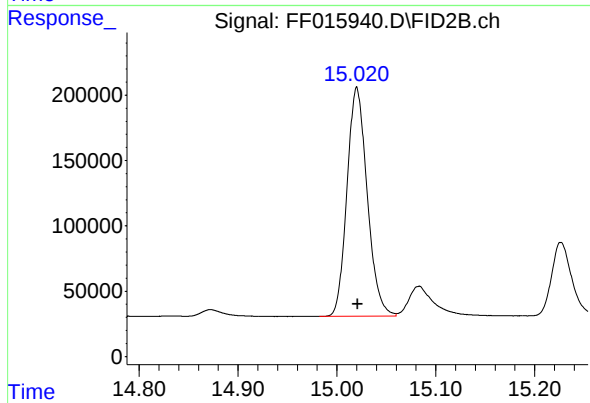
#7 N-EICOSANE

R.T.: 12.932 min
Delta R.T.: 0.005 min
Response: 669387
Conc: 4.70 ug/ml



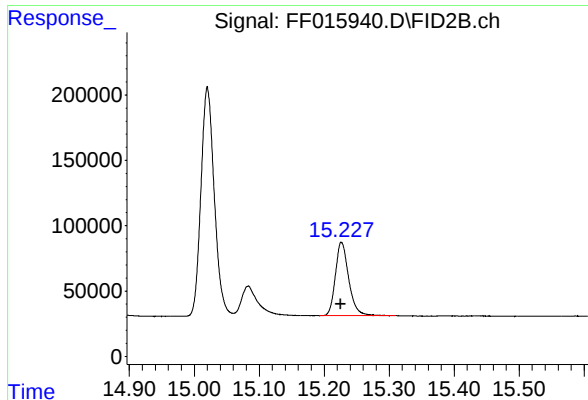
#8 N-DOCOSANE

R.T.: 14.124 min
Delta R.T.: 0.002 min
Response: 785704
Conc: 5.66 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.020 min
Delta R.T.: 0.000 min
Response: 2494798
Conc: 20.43 ug/ml



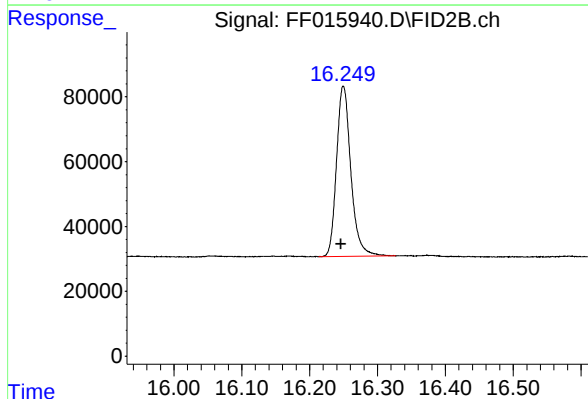
#10 N-TETRACOSANE

R.T.: 15.227 min
Delta R.T.: 0.002 min
Response: 801640
Conc: 5.75 ug/ml

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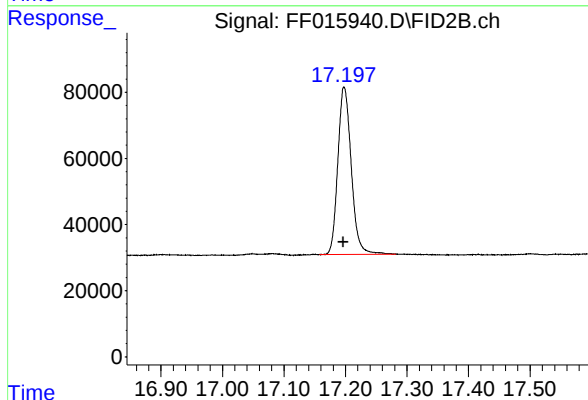
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#11 N-HEXACOSANE

R.T.: 16.250 min
Delta R.T.: 0.004 min
Response: 771447
Conc: 5.56 ug/ml



#12 N-OCTACOSANE

R.T.: 17.198 min
Delta R.T.: 0.001 min
Response: 767475
Conc: 5.58 ug/ml