

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061125\
 Data File : FF015957.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jun 2025 18:10
 Operator : YP\AJ
 Sample : Q2126-09
 Misc : 1 PPM WATER MDL
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
 Quant Time: Jun 12 03:16:57 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...	15.036	1624759	13.303 ug/ml
Target Compounds			
2) N-DECANE	4.929f	52223	0.441 ug/mlm
3) N-DODECANE	6.685f	21121	0.168 ug/mlm
4) N-TETRADECANE	8.697f	21113	0.168 ug/mlm
5) N-HEXADECANE	10.545f	74843	0.571 ug/mlm
6) N-OCTADECANE	11.837f	102157	0.743 ug/mlm
7) N-EICOSANE	13.038f	106922	0.751 ug/mlm
8) N-DOCOSANE	14.184f	121791	0.877 ug/mlm
10) N-TETRACOSANE	15.265	201825	1.448 ug/mlm
11) N-HEXACOSANE	16.326f	105037	0.757 ug/mlm
12) N-OCTACOSANE	17.261f	87074	0.633 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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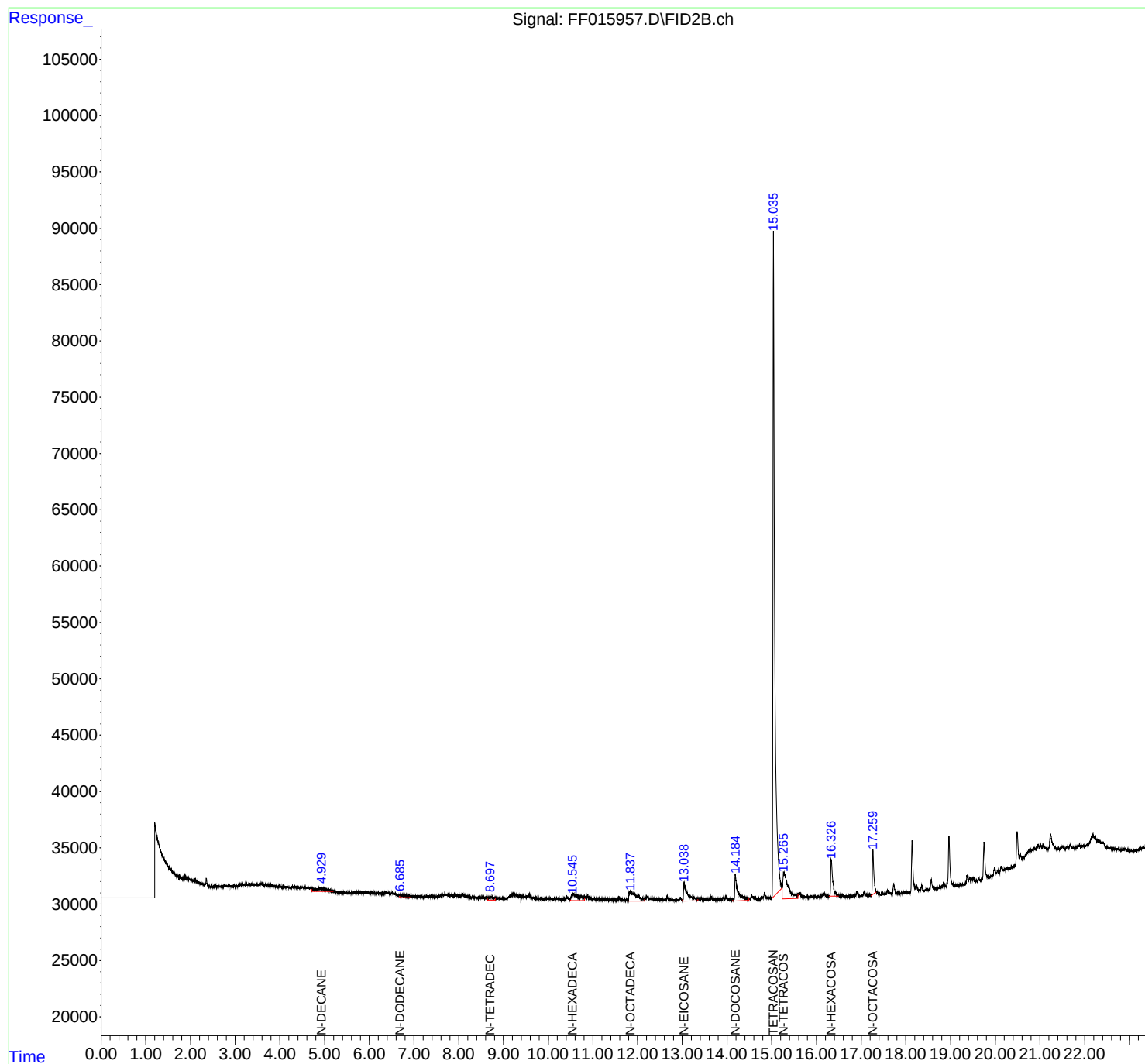
Instrument :
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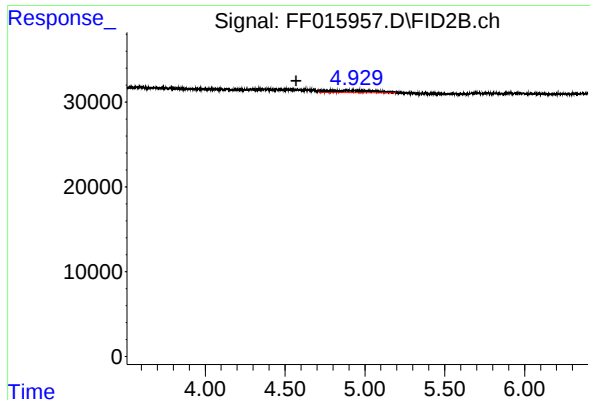
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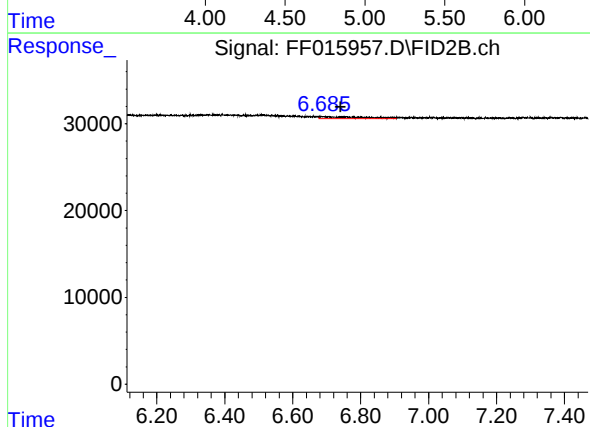
#2 N-DECANE

R.T.: 4.929 min
Delta R.T.: 0.359 min
Response: 52223
Conc: 0.44 ug/ml

Instrument :
FID_F
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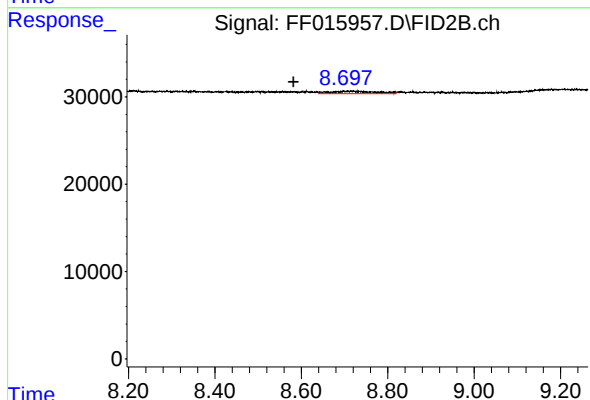
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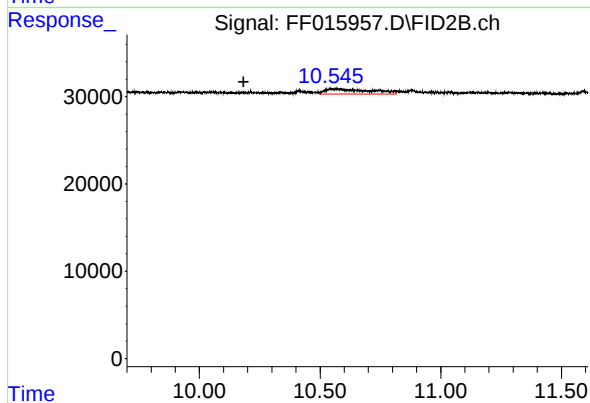
#3 N-DODECANE

R.T.: 6.685 min
Delta R.T.: -0.056 min
Response: 21121
Conc: 0.17 ug/ml m



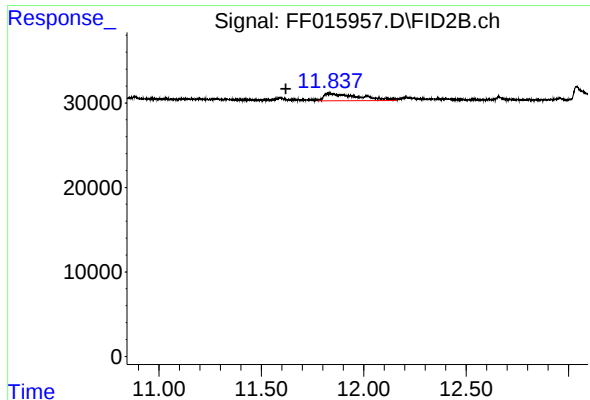
#4 N-TETRADECANE

R.T.: 8.697 min
Delta R.T.: 0.114 min
Response: 21113
Conc: 0.17 ug/ml m



#5 N-HEXADECANE

R.T.: 10.545 min
Delta R.T.: 0.361 min
Response: 74843
Conc: 0.57 ug/ml m



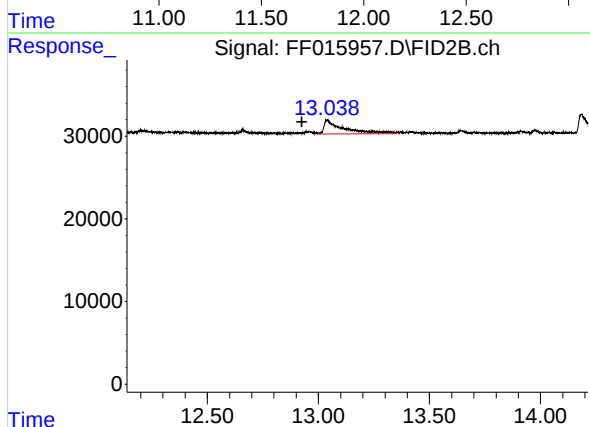
#6 N-OCTADECANE

R.T.: 11.837 min
Delta R.T.: 0.216 min
Response: 102157
Conc: 0.74 ug/ml

Instrument :
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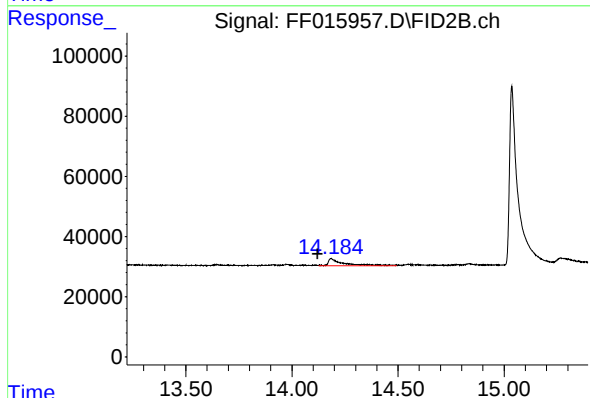
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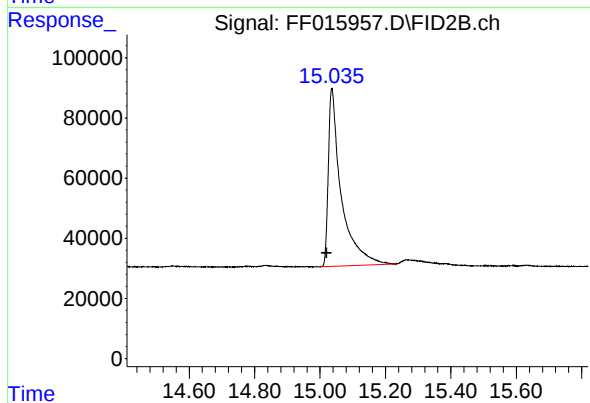
#7 N-EICOSANE

R.T.: 13.038 min
Delta R.T.: 0.111 min
Response: 106922
Conc: 0.75 ug/ml m



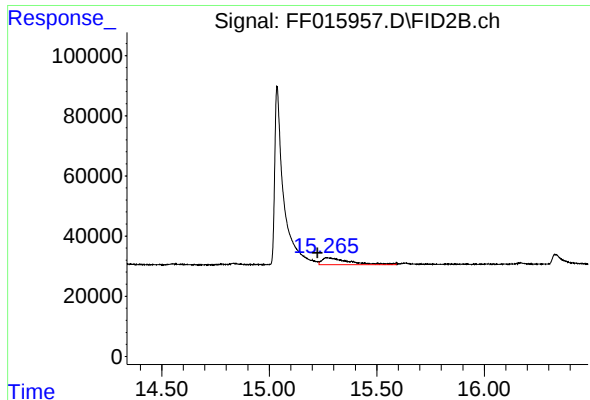
#8 N-DOCOSANE

R.T.: 14.184 min
Delta R.T.: 0.061 min
Response: 121791
Conc: 0.88 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.036 min
Delta R.T.: 0.015 min
Response: 1624759
Conc: 13.30 ug/ml



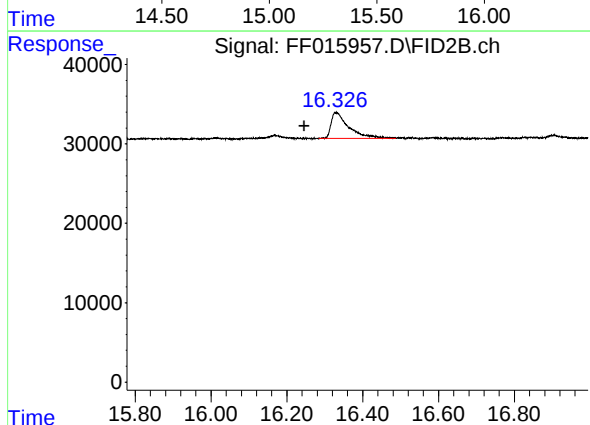
#10 N-TETRACOSANE

R.T.: 15.265 min
Delta R.T.: 0.040 min
Response: 201825
Conc: 1.45 ug/ml

Instrument :
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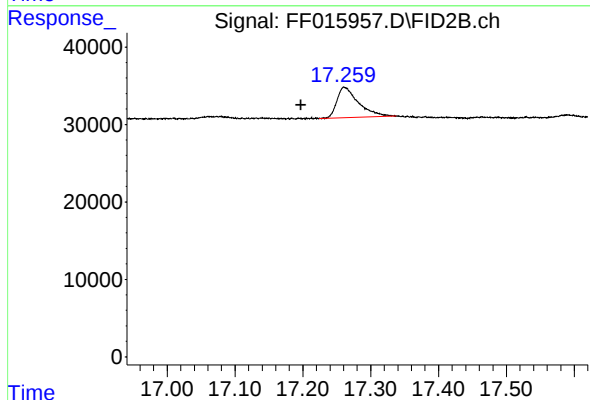
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#11 N-HEXACOSANE

R.T.: 16.326 min
Delta R.T.: 0.080 min
Response: 105037
Conc: 0.76 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.261 min
Delta R.T.: 0.064 min
Response: 87074
Conc: 0.63 ug/ml