

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061025\
 Data File : FF015936.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jun 2025 00:55
 Operator : YP\AJ
 Sample : Q2126-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-03-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 04:48:29 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...	15.026	2158848	17.676 ug/ml
Target Compounds			
2) N-DECANE	4.901f	89751	0.757 ug/mlm
3) N-DODECANE	7.016f	122397	0.973 ug/mlm
4) N-TETRADECANE	8.773f	178562	1.423 ug/mlm
5) N-HEXADECANE	10.278f	234178	1.786 ug/mlm
6) N-OCTADECANE	11.669	252479	1.837 ug/mlm
7) N-EICOSANE	12.954	305824	2.149 ug/mlm
8) N-DOCOSANE	14.140	276606	1.991 ug/ml
10) N-TETRACOSANE	15.244	297626	2.135 ug/ml
11) N-HEXACOSANE	16.268	314337	2.266 ug/mlm
12) N-OCTACOSANE	17.214	296831	2.159 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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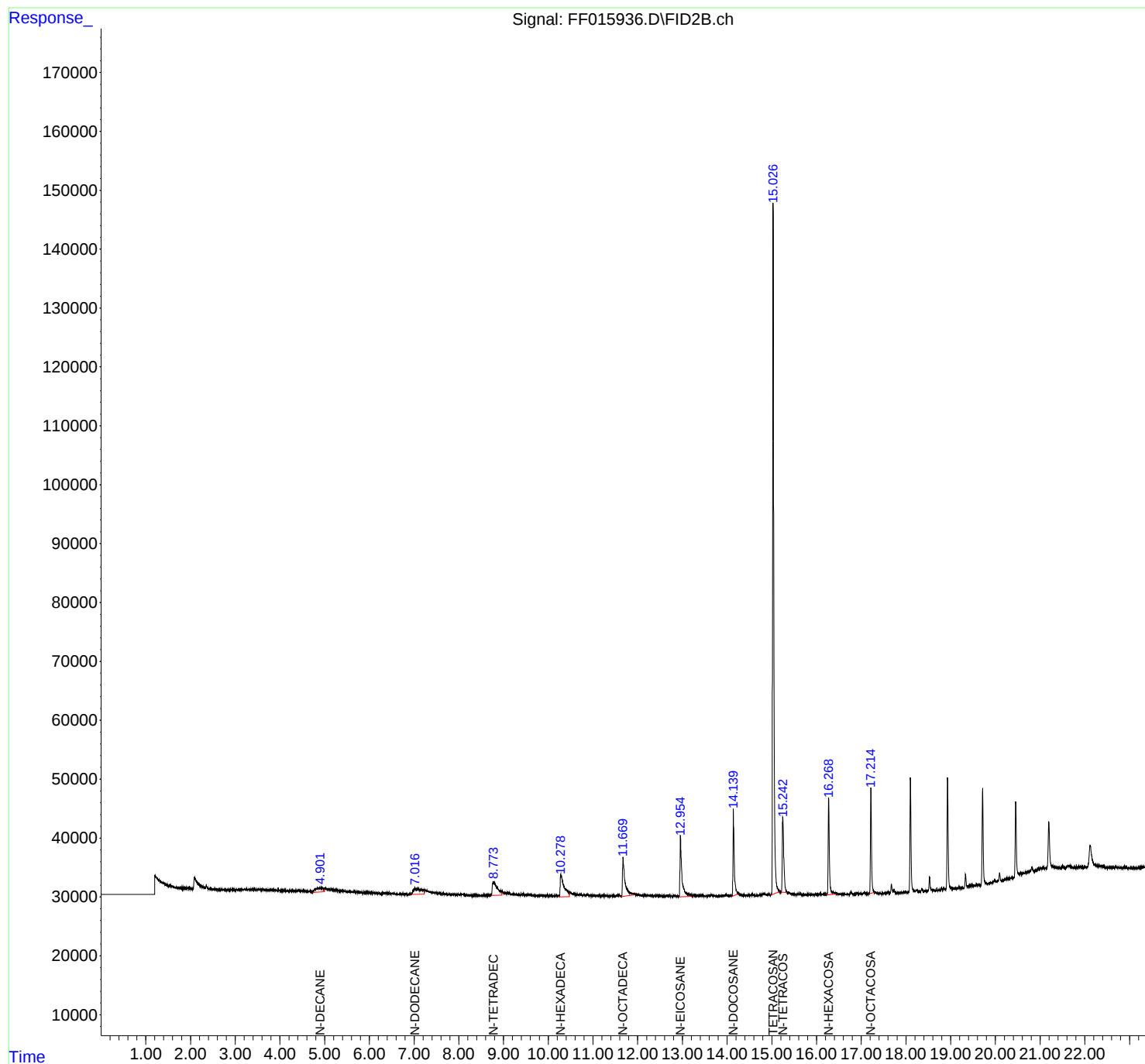
Instrument :
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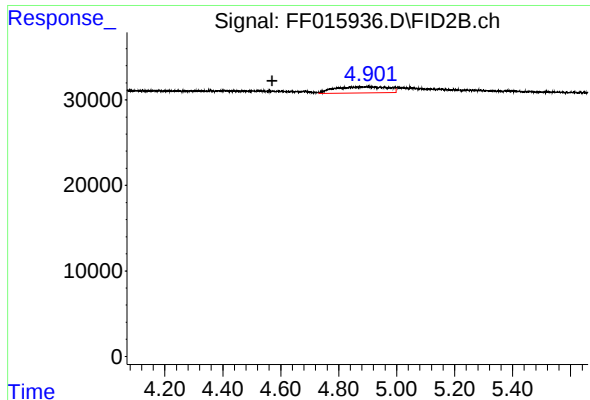
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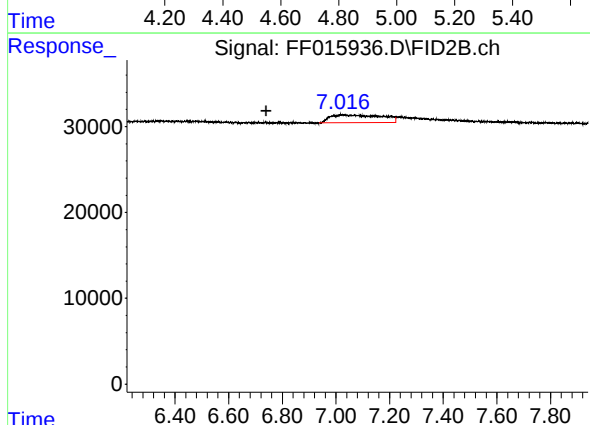
#2 N-DECANE

R.T.: 4.901 min
Delta R.T.: 0.330 min
Response: 89751
Conc: 0.76 ug/ml

Instrument :
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ClientSampleId :
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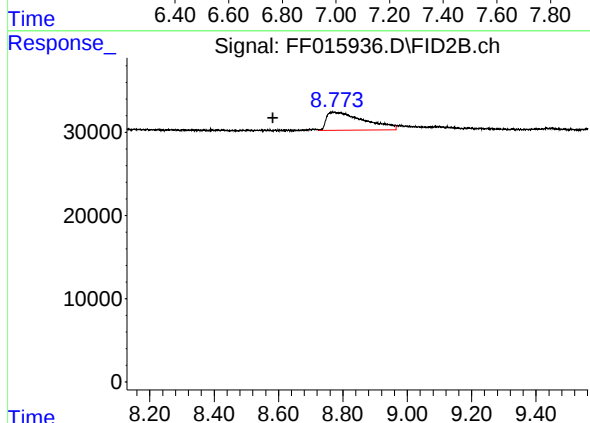
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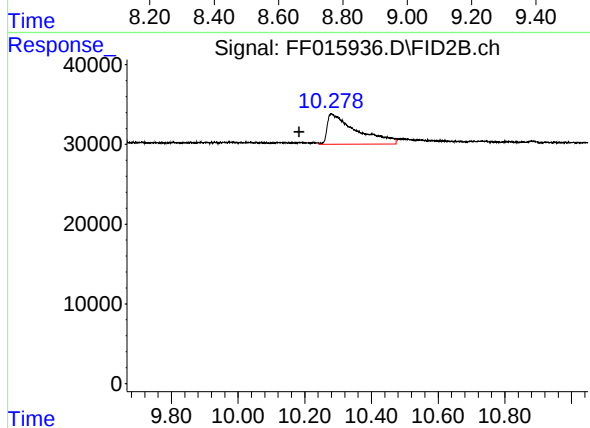
#3 N-DODECANE

R.T.: 7.016 min
Delta R.T.: 0.275 min
Response: 122397
Conc: 0.97 ug/ml m



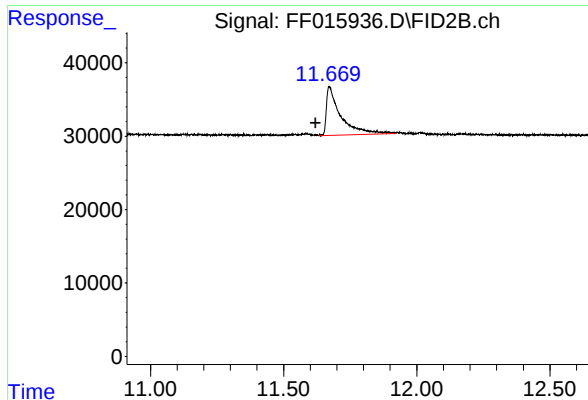
#4 N-TETRADECANE

R.T.: 8.773 min
Delta R.T.: 0.190 min
Response: 178562
Conc: 1.42 ug/ml m



#5 N-HEXADECANE

R.T.: 10.278 min
Delta R.T.: 0.095 min
Response: 234178
Conc: 1.79 ug/ml m



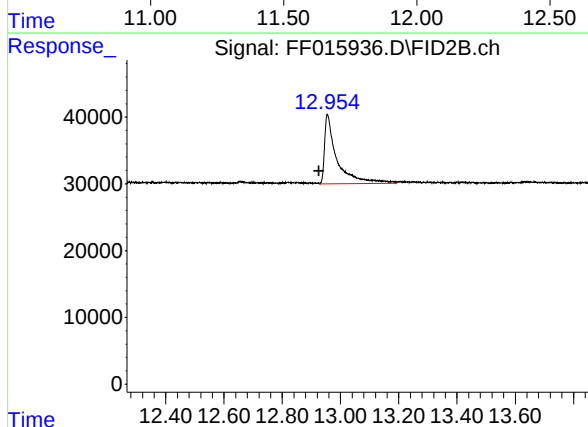
#6 N-OCTADECANE

R.T.: 11.669 min
Delta R.T.: 0.048 min
Response: 252479
Conc: 1.84 ug/ml

Instrument :
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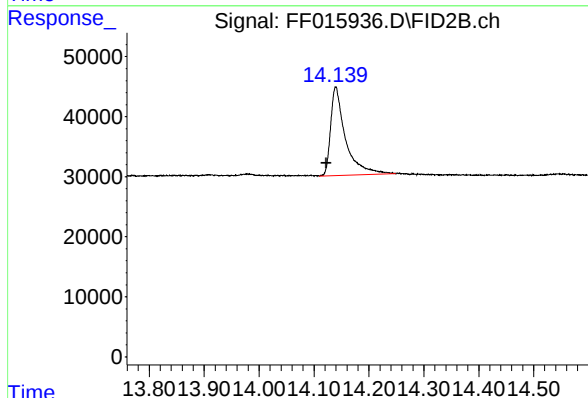
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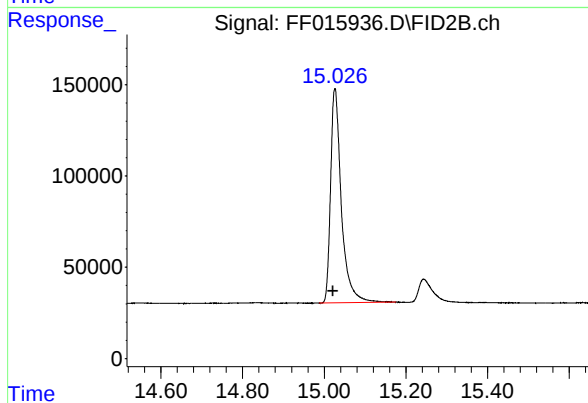
#7 N-EICOSANE

R.T.: 12.954 min
Delta R.T.: 0.027 min
Response: 305824
Conc: 2.15 ug/ml m



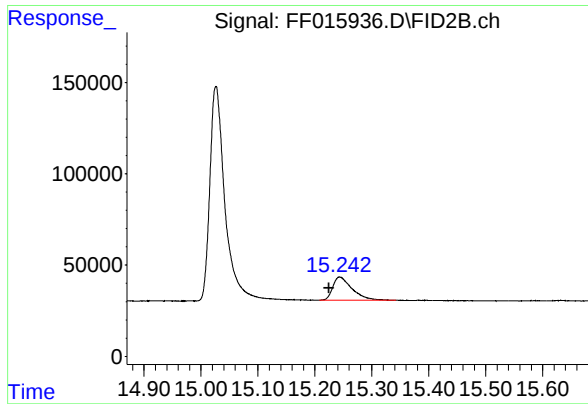
#8 N-DOCOSANE

R.T.: 14.140 min
Delta R.T.: 0.017 min
Response: 276606
Conc: 1.99 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.026 min
Delta R.T.: 0.005 min
Response: 2158848
Conc: 17.68 ug/ml



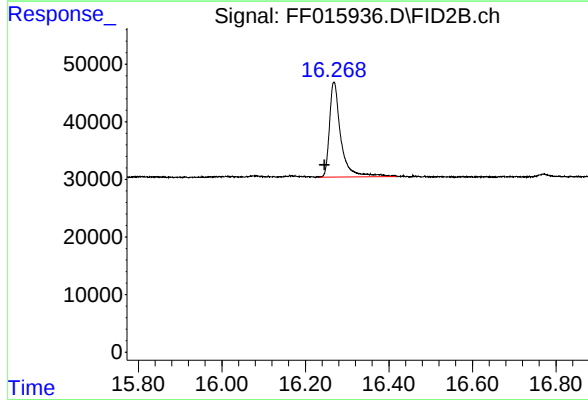
#10 N-TETRACOSANE

R.T.: 15.244 min
Delta R.T.: 0.019 min
Response: 297626
Conc: 2.14 ug/ml

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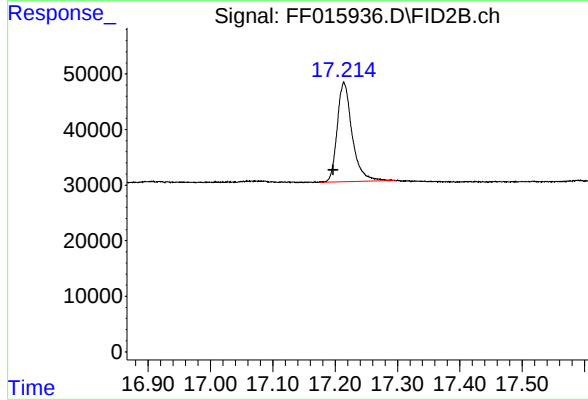
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#11 N-HEXACOSANE

R.T.: 16.268 min
Delta R.T.: 0.022 min
Response: 314337
Conc: 2.27 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.214 min
Delta R.T.: 0.017 min
Response: 296831
Conc: 2.16 ug/ml