

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061025\
 Data File : FF015935.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jun 2025 00:26
 Operator : YP\AJ
 Sample : Q2126-01
 Misc : 1 PPM SOIL LOD
 ALS Vial : 77 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 04:48:11 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	2217451	18.156 ug/ml
Target Compounds			
2) N-DECANE	4.680f	13402	0.113 ug/mlm
3) N-DODECANE	7.370f	102103	0.811 ug/mlm
4) N-TETRADECANE	9.197f	101312	0.807 ug/mlm
5) N-HEXADECANE	10.406f	102065	0.778 ug/mlm
6) N-OCTADECANE	11.719f	77677	0.565 ug/mlm
7) N-EICOSANE	12.980f	101065	0.710 ug/mlm
8) N-DOCOSANE	14.141	130031	0.936 ug/mlm
10) N-TETRACOSANE	15.245	166511	1.195 ug/mlm
11) N-HEXACOSANE	16.276	135215	0.975 ug/ml
12) N-OCTACOSANE	17.218	153046	1.113 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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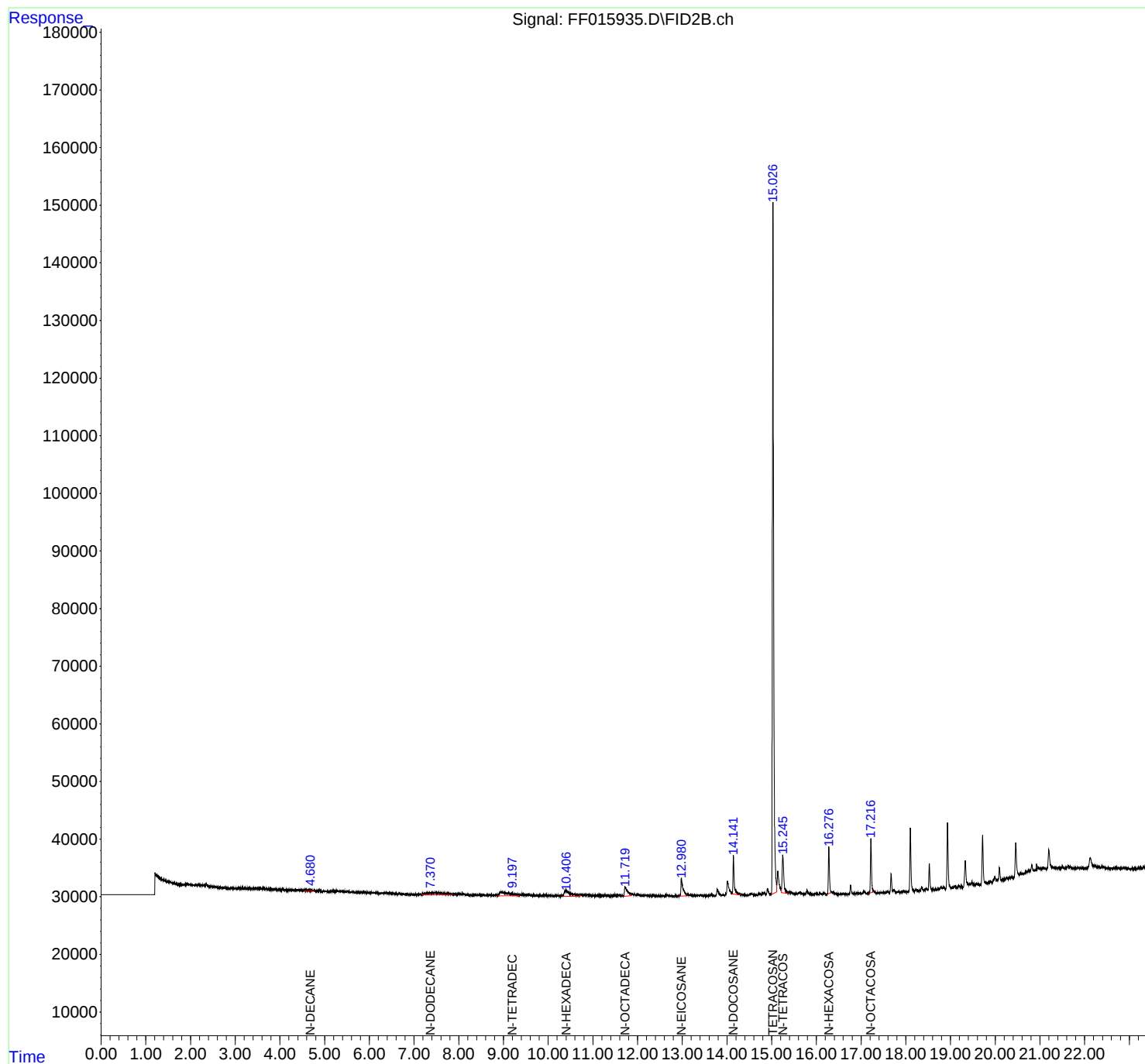
Instrument :
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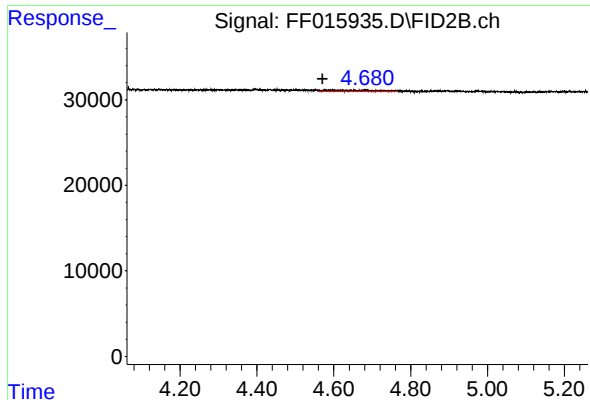
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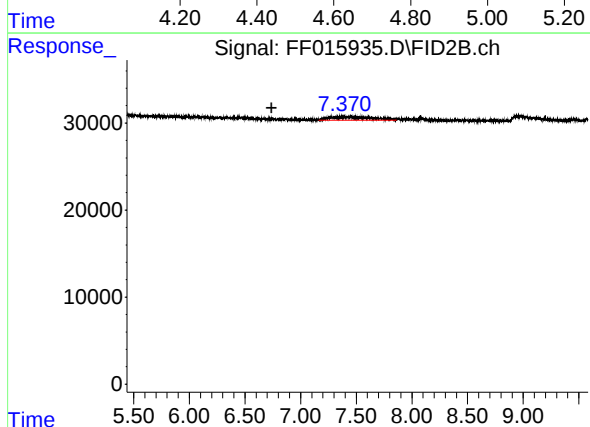
#2 N-DECANE

R.T.: 4.680 min
Delta R.T.: 0.109 min
Response: 13402
Conc: 0.11 ug/ml

Instrument :
FID_F
ClientSampleId :
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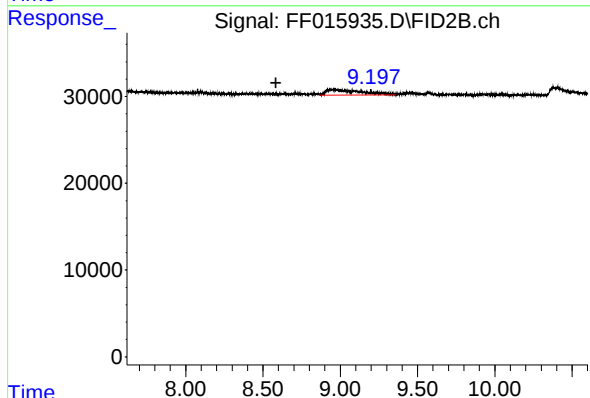
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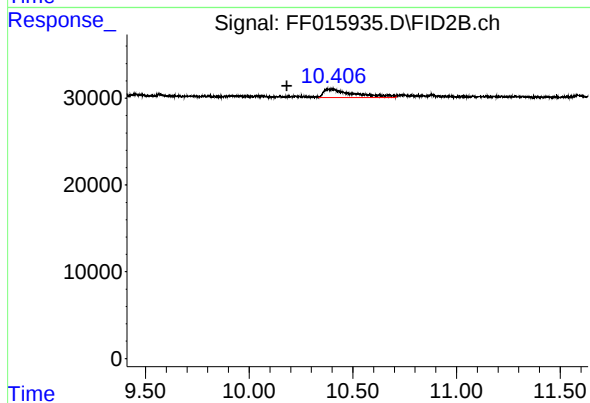
#3 N-DODECANE

R.T.: 7.370 min
Delta R.T.: 0.629 min
Response: 102103
Conc: 0.81 ug/ml m



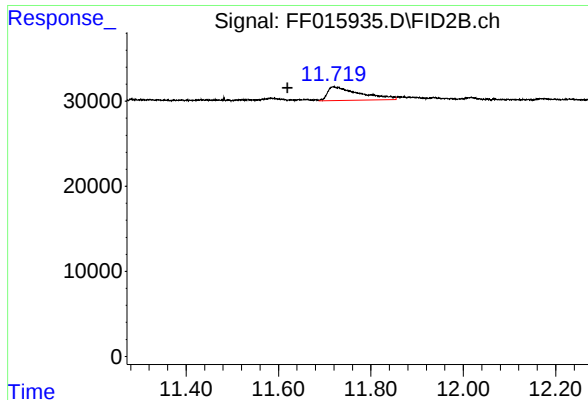
#4 N-TETRADECANE

R.T.: 9.197 min
Delta R.T.: 0.615 min
Response: 101312
Conc: 0.81 ug/ml m



#5 N-HEXADECANE

R.T.: 10.406 min
Delta R.T.: 0.223 min
Response: 102065
Conc: 0.78 ug/ml m



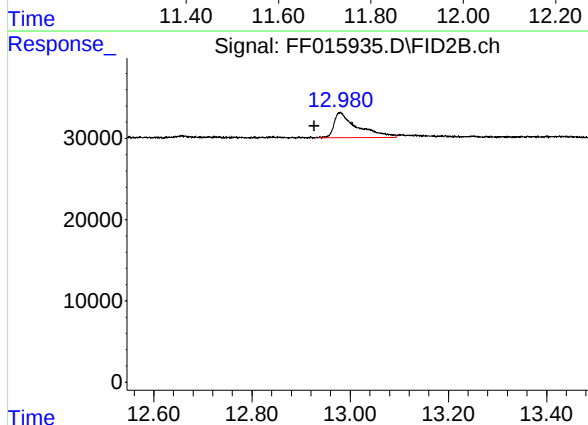
#6 N-OCTADECANE

R.T.: 11.719 min
Delta R.T.: 0.099 min
Response: 77677
Conc: 0.57 ug/ml

Instrument :
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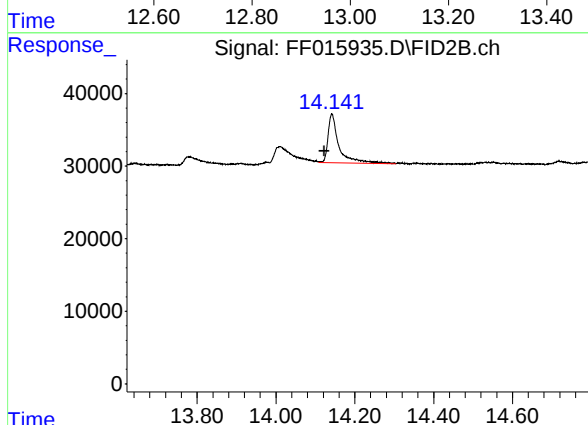
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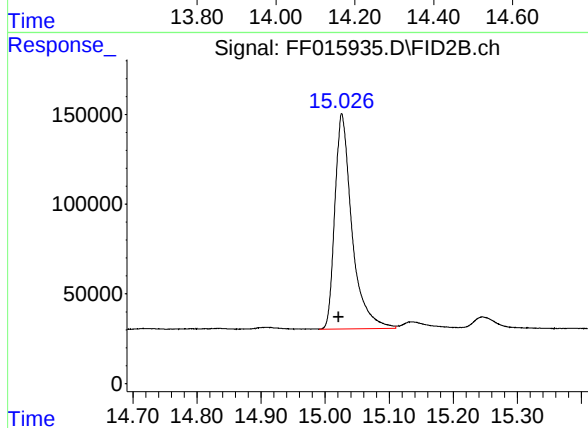
#7 N-EICOSANE

R.T.: 12.980 min
Delta R.T.: 0.054 min
Response: 101065
Conc: 0.71 ug/ml m



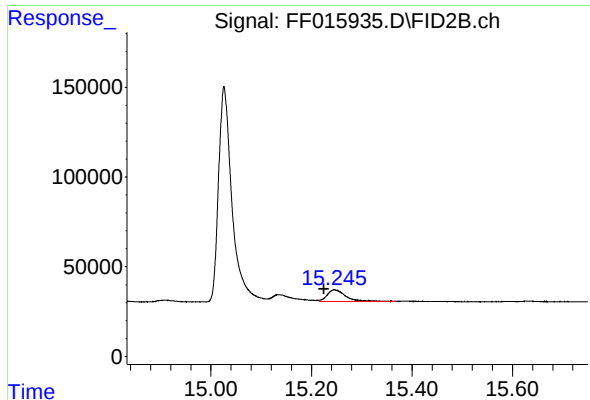
#8 N-DOCOSANE

R.T.: 14.141 min
Delta R.T.: 0.018 min
Response: 130031
Conc: 0.94 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.026 min
Delta R.T.: 0.005 min
Response: 2217451
Conc: 18.16 ug/ml



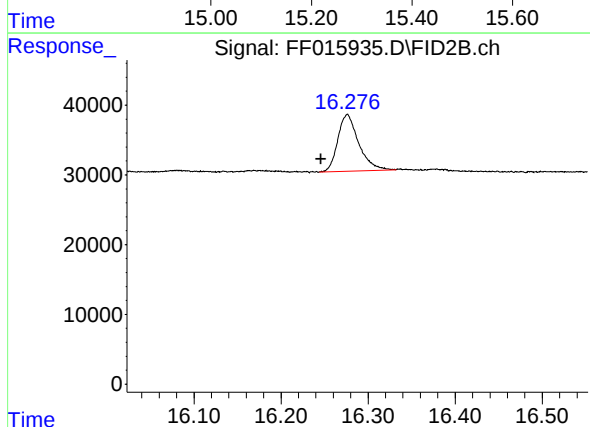
#10 N-TETRACOSANE

R.T.: 15.245 min
Delta R.T.: 0.020 min
Response: 166511
Conc: 1.19 ug/ml

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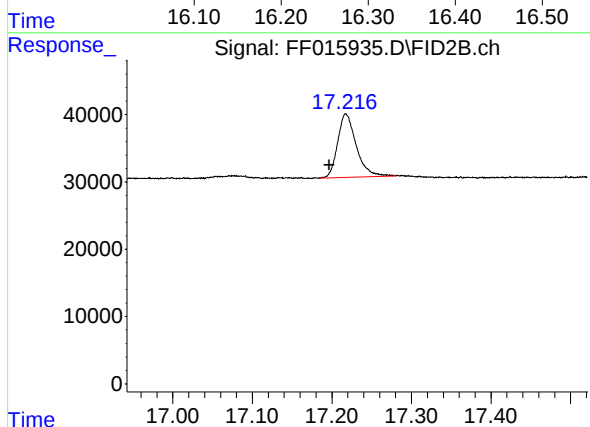
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#11 N-HEXACOSANE

R.T.: 16.276 min
Delta R.T.: 0.030 min
Response: 135215
Conc: 0.97 ug/ml



#12 N-OCTACOSANE

R.T.: 17.218 min
Delta R.T.: 0.021 min
Response: 153046
Conc: 1.11 ug/ml