

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061125\
 Data File : FF015959.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jun 2025 19:09
 Operator : YP\AJ
 Sample : Q2126-03
 Misc : 1 PPM SOIL MDL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-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 03:17:20 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	1648614	13.498 ug/ml
Target Compounds			
2) N-DECANE	4.888f	131333	1.108 ug/mlm
3) N-DODECANE	7.231f	26041	0.207 ug/mlm
4) N-TETRADECANE	8.704f	19929	0.159 ug/mlm
5) N-HEXADECANE	10.546f	51934	0.396 ug/mlm
6) N-OCTADECANE	11.826f	95813	0.697 ug/mlm
7) N-EICOSANE	13.036f	115299	0.810 ug/mlm
8) N-DOCOSANE	14.183f	115562	0.832 ug/mlm
10) N-TETRACOSANE	15.268	204262	1.465 ug/mlm
11) N-HEXACOSANE	16.326f	121867	0.879 ug/mlm
12) N-OCTACOSANE	17.260f	90949	0.662 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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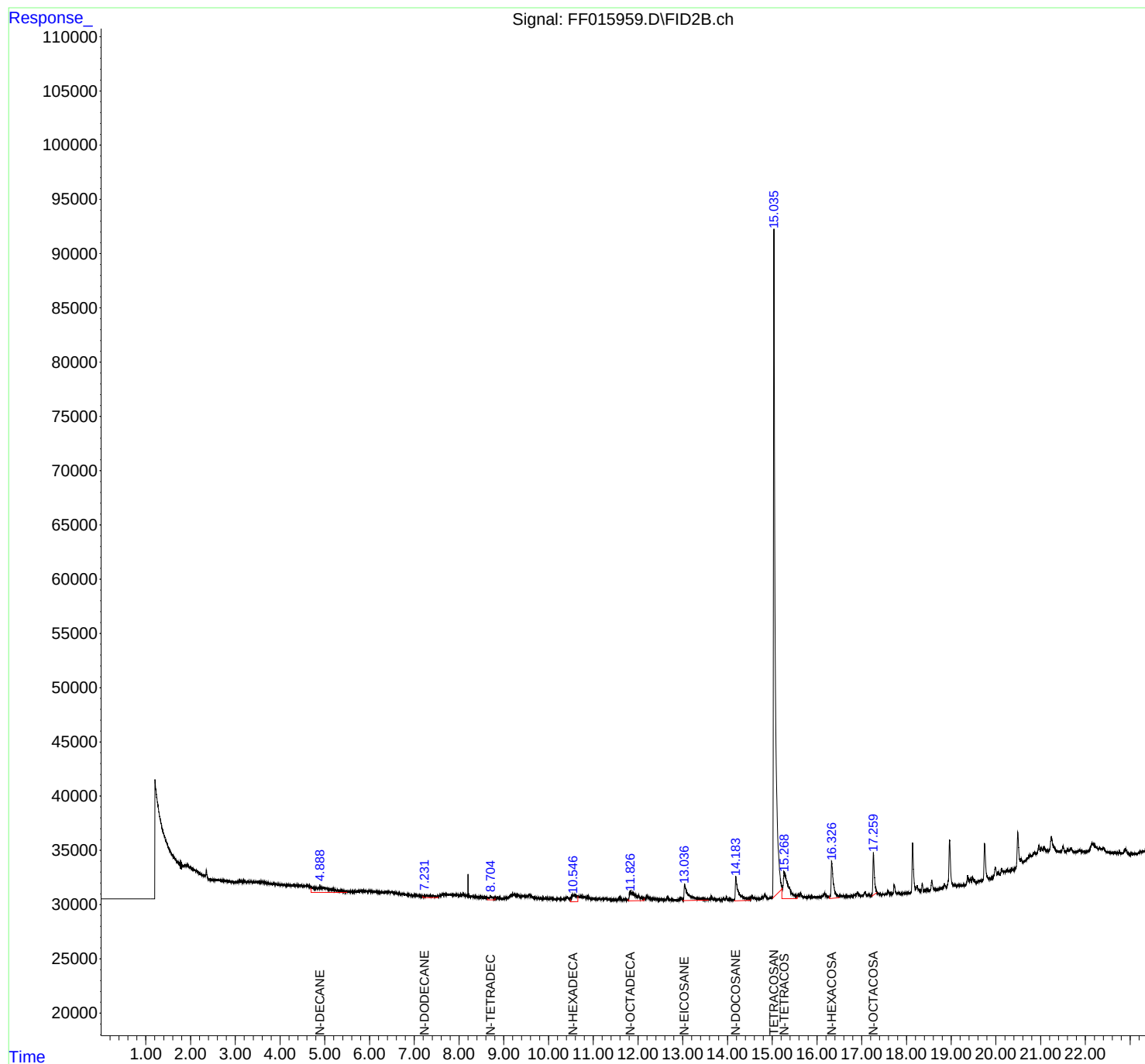
Instrument :
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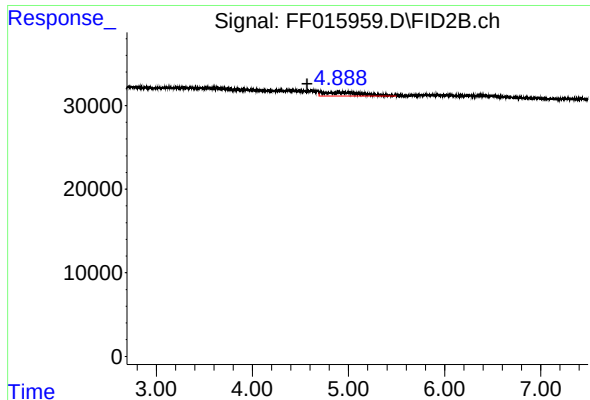
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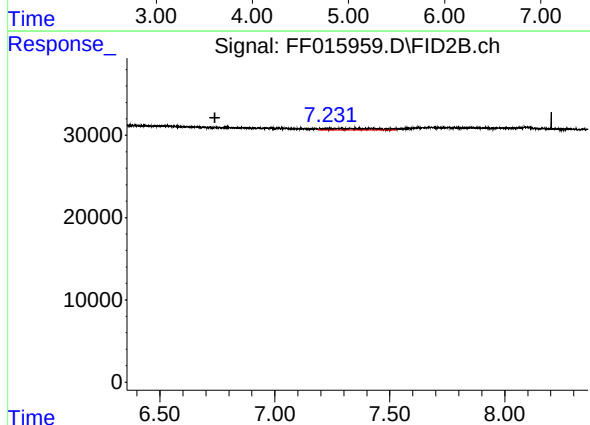
#2 N-DECANE

R.T.: 4.888 min
Delta R.T.: 0.317 min
Response: 131333
Conc: 1.11 ug/ml

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

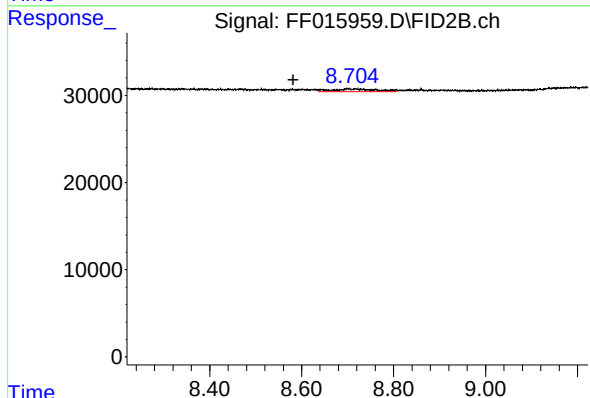
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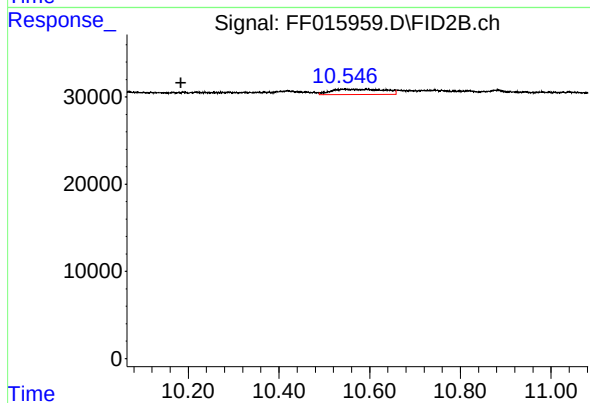
#3 N-DODECANE

R.T.: 7.231 min
Delta R.T.: 0.490 min
Response: 26041
Conc: 0.21 ug/ml m



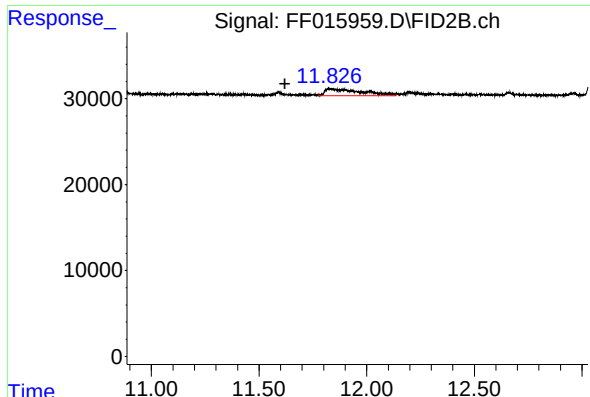
#4 N-TETRADECANE

R.T.: 8.704 min
Delta R.T.: 0.121 min
Response: 19929
Conc: 0.16 ug/ml m



#5 N-HEXADECANE

R.T.: 10.546 min
Delta R.T.: 0.362 min
Response: 51934
Conc: 0.40 ug/ml m



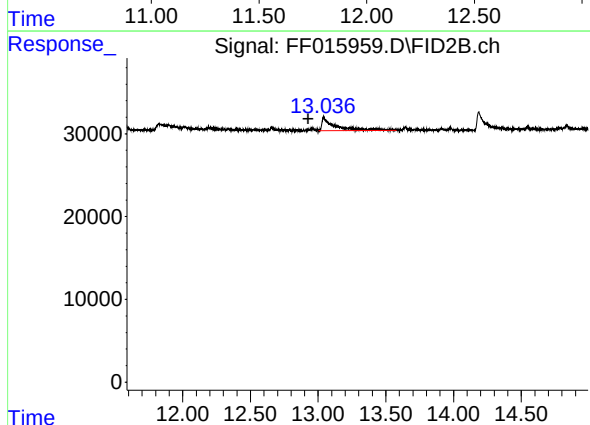
#6 N-OCTADECANE

R.T.: 11.826 min
Delta R.T.: 0.206 min
Response: 95813
Conc: 0.70 ug/ml

Instrument :
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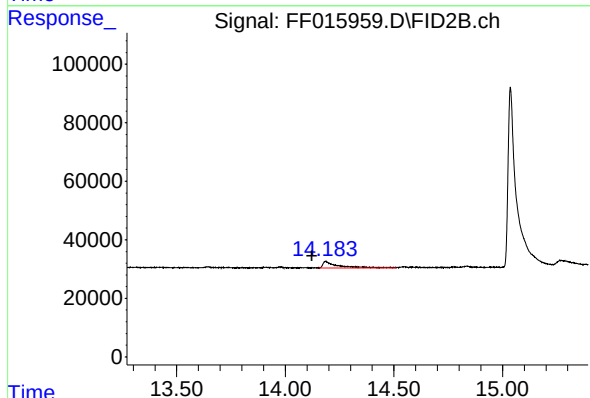
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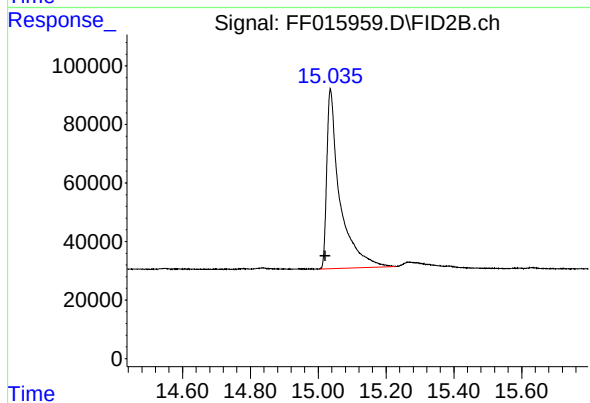
#7 N-EICOSANE

R.T.: 13.036 min
Delta R.T.: 0.109 min
Response: 115299
Conc: 0.81 ug/ml m



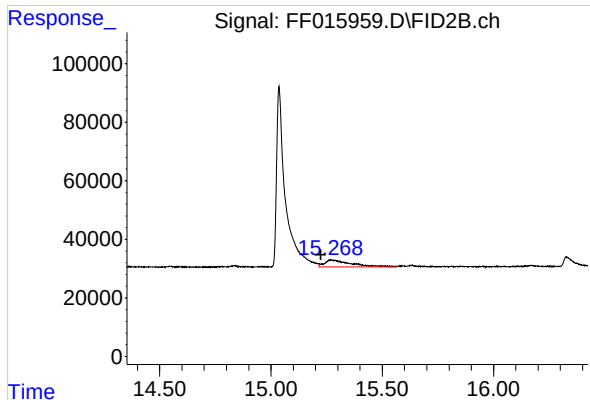
#8 N-DOCOSANE

R.T.: 14.183 min
Delta R.T.: 0.060 min
Response: 115562
Conc: 0.83 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.036 min
Delta R.T.: 0.015 min
Response: 1648614
Conc: 13.50 ug/ml



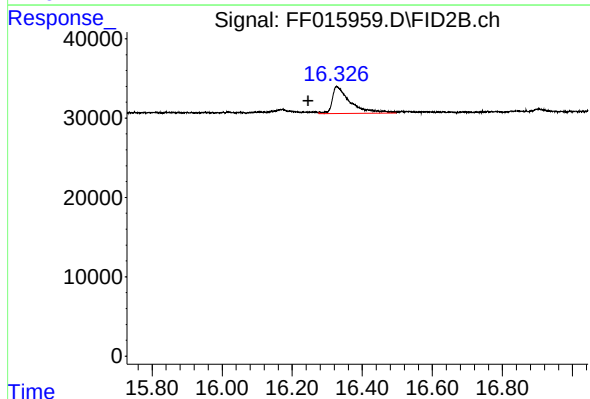
#10 N-TETRACOSANE

R.T.: 15.268 min
Delta R.T.: 0.043 min
Response: 204262
Conc: 1.47 ug/ml

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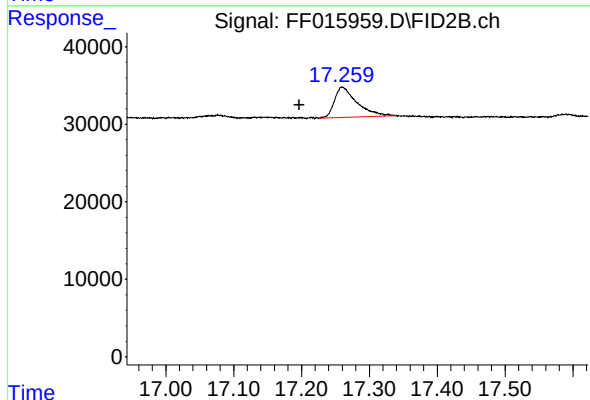
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#11 N-HEXACOSANE

R.T.: 16.326 min
Delta R.T.: 0.080 min
Response: 121867
Conc: 0.88 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.260 min
Delta R.T.: 0.063 min
Response: 90949
Conc: 0.66 ug/ml