

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005805.D Vial: 31
 Acq On : 21-Jan-2014, 22:09 Operator: QM
 Sample : F1002-03 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jan 24 13:22 2014 Quant Results File: HN012114.RES

Instrument :
 HPLC_N
 ClientSampleId :
 LOD SOIL 2014-01

Manual Integrations
 APPROVED

QI
 1/24/2014 4:51:10 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
 Title :
 Last Update : Fri Jan 24 13:04:26 2014
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.30	724750	192.392 ug/L
Target Compounds			
2) T HMX	0.88	83920	19.568 ug/L
3) T RDX	1.69	103392	18.028 ug/L
4) T 1,3,5-Trinitrobenzene	2.63	103782	9.643 ug/L
5) T 1,3-Dinitrobenzene	3.47	208144	12.902 ng/ml
6) T 3,5-Dinitroaniline	3.82	165377	13.214 ug/L
7) T Nitrobenzene	4.65	135077	12.564 ug/L
8) T Tetryl	6.18	19716	2.859 ug/L m
9) T 2,4,6-Trinitrotoluene	6.40	106615	10.001 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.82	117214	10.255 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.21	74051	12.811 ug/L m
12) T 2,4-Dinitrotoluene	7.98	145624	9.519 ug/L m
13) T 2,6-Dinitrotoluene	8.37	109441	12.966 ug/L m
14) T 2-Nitrotoluene	11.44	72421	10.941 ug/L m
15) T 4-Nitrotoluene	12.15	63476	11.886 ug/L m
16) T 3-Nitrotoluene	13.38	70184	10.516 ug/L m
17) T PETN	18.53	203516	24.433 ug/L m

 Analyst Signature:_____ Analyst Name:_____ Date:_____

-----REASONS FOR MANUAL INTEGRATIONS-----

___Poor resolution of peaks exhibited on chromatogram.Compound #:_____

___Peak Integrated by software incorrectly.Compound #:_____

___OTHER:_____Compound #:_____

(f)=RT Delta > 1/2 Window (m)=manual int.

HN005805.D HN012114.M

Sat Jan 25 00:58:37 2014

RPT1

Quantitation Report

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IntFile : autoint1.e
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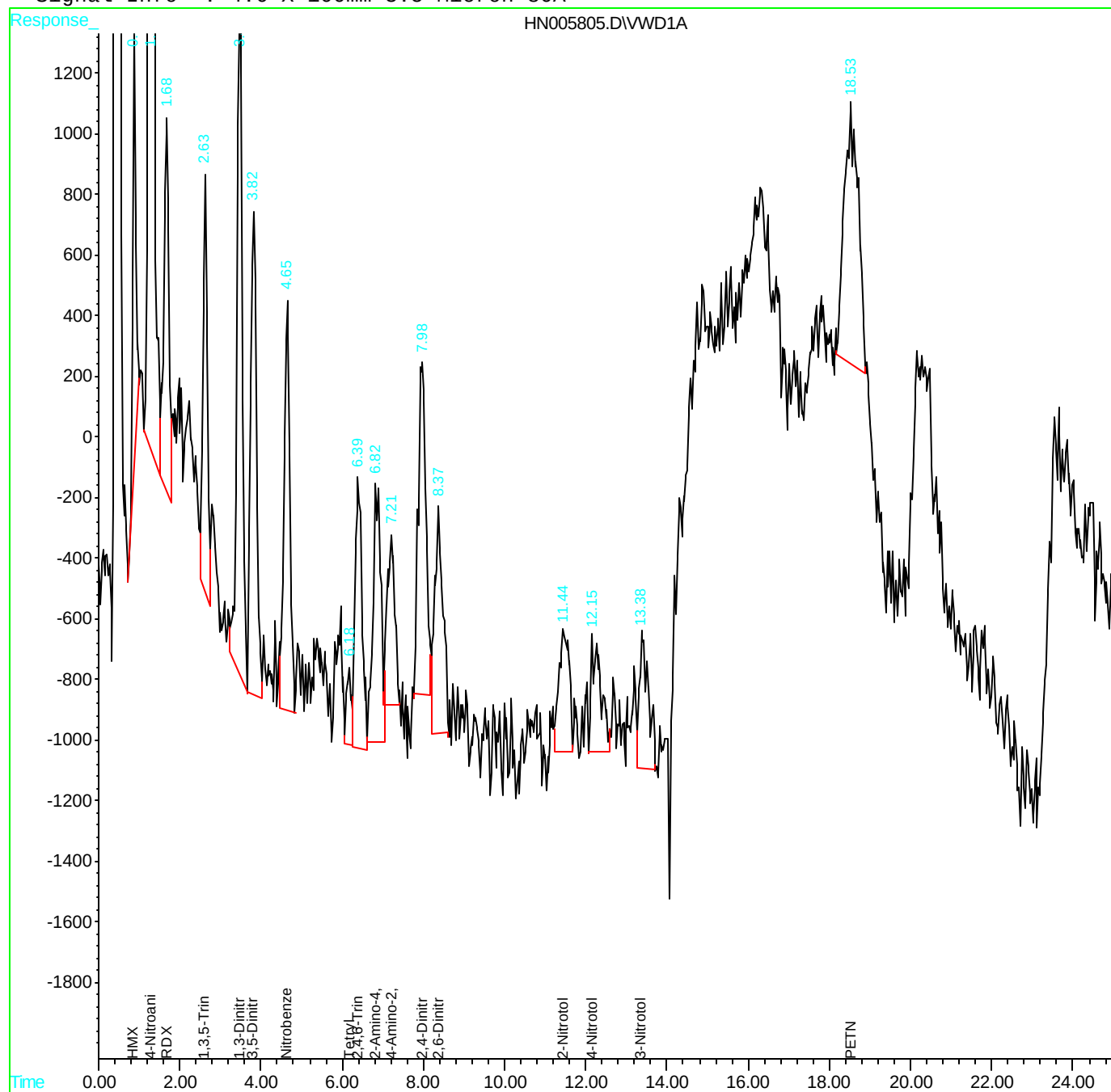
Instrument :
HPLC_N
ClientSampled :
LOD SOIL 2014-01

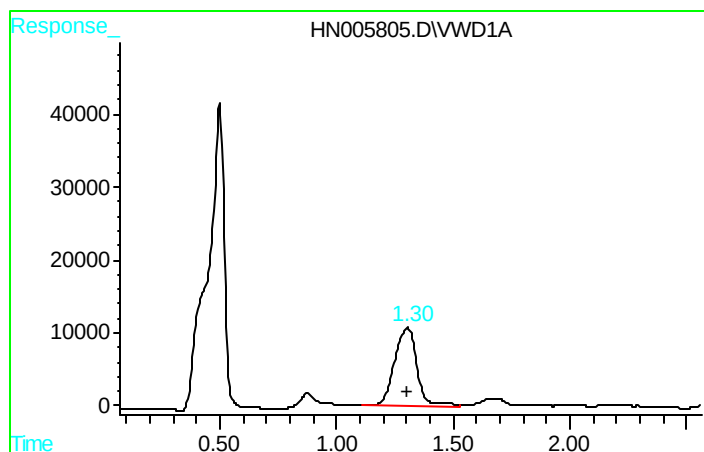
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
Title :
Last Update : Fri Jan 24 13:04:26 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





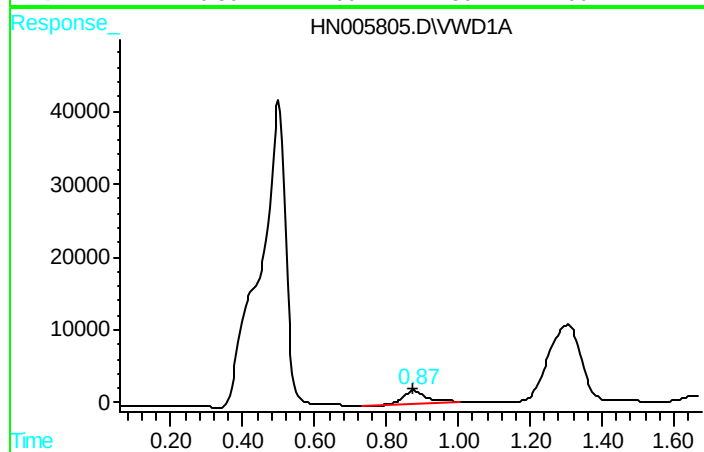
#1 4-Nitroaniline

R.T.: 1.304 min
Delta R.T.: 0.000 min
Response: 724750
Conc: 192.39 ug/L

Instrument :
HPLC_N
ClientSampleId :
LOD SOIL 2014-01

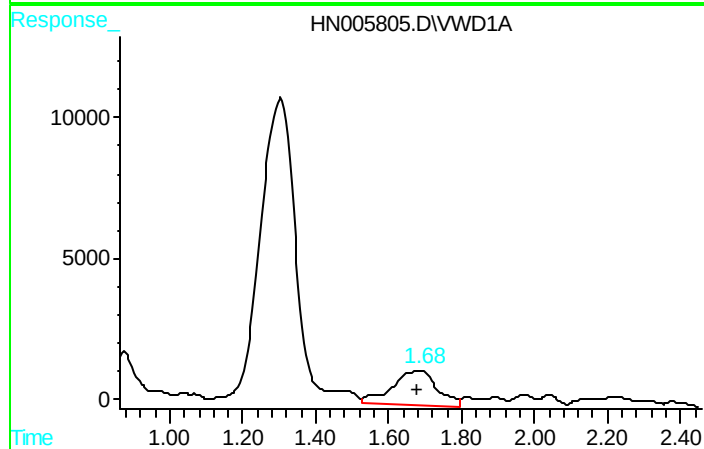
Manual Integrations
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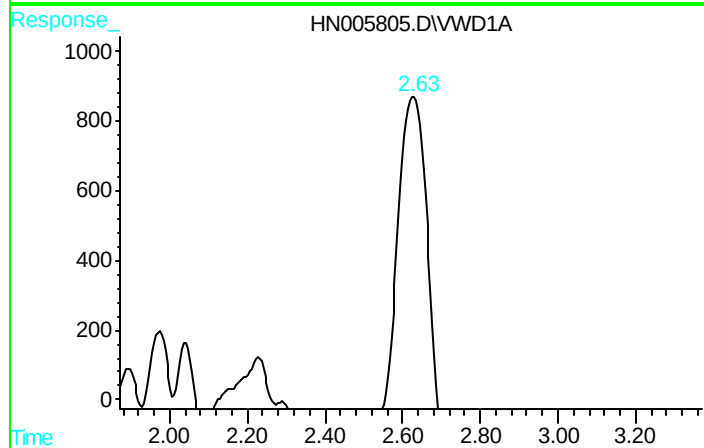
#2 HMX

R.T.: 0.877 min
Delta R.T.: 0.003 min
Response: 83920
Conc: 19.57 ug/L



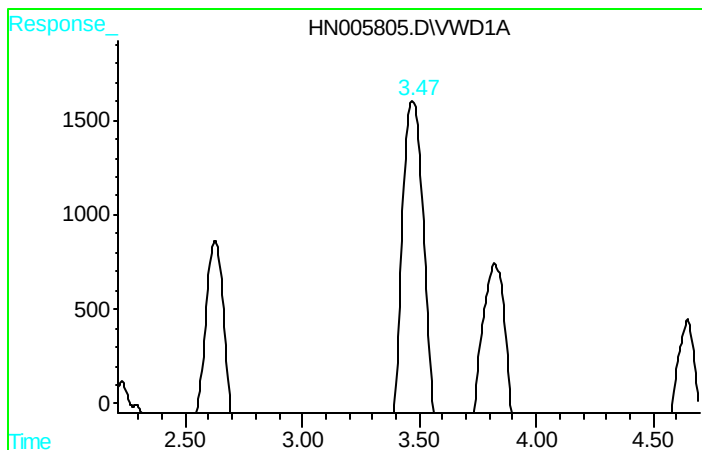
#3 RDX

R.T.: 1.685 min
Delta R.T.: 0.006 min
Response: 103392
Conc: 18.03 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.628 min
Delta R.T.: 0.005 min
Response: 103782
Conc: 9.64 ug/L



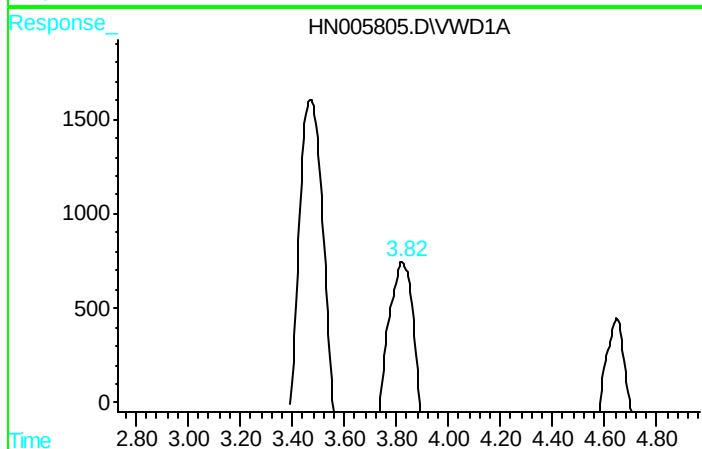
#5 1,3-Dinitrobenzene

R.T.: 3.472 min
 Delta R.T.: 0.003 min
 Response: 208144
 Conc: 12.90 ng/ml

Instrument :
 HPLC_N
 ClientSampleId :
 LOD SOIL 2014-01

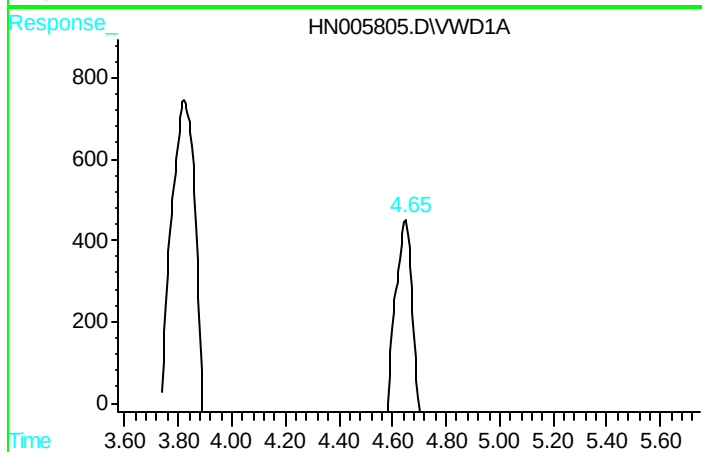
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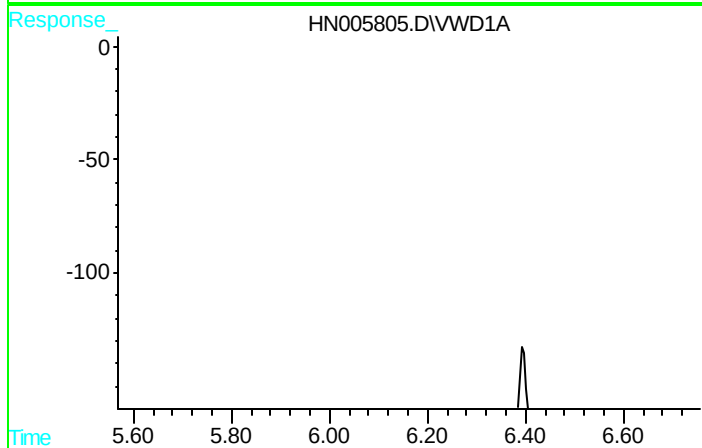
#6 3,5-Dinitroaniline

R.T.: 3.824 min
 Delta R.T.: 0.007 min
 Response: 165377
 Conc: 13.21 ug/L



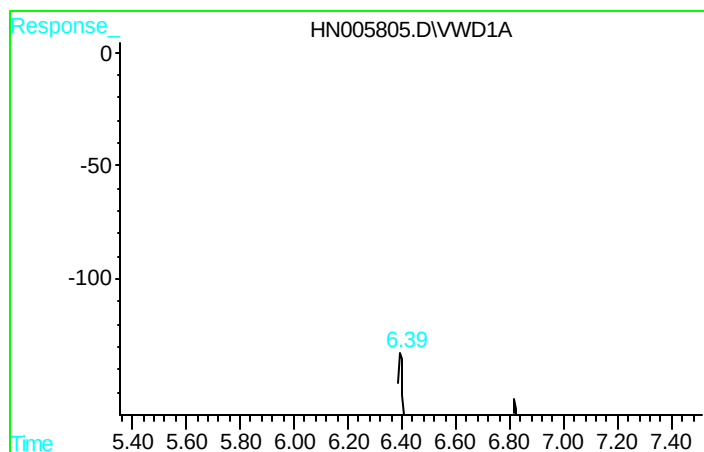
#7 Nitrobenzene

R.T.: 4.648 min
 Delta R.T.: 0.017 min
 Response: 135077
 Conc: 12.56 ug/L



#8 Tetryl

R.T.: 6.178 min
 Delta R.T.: 0.107 min
 Response: 19716
 Conc: 2.86 ug/L m



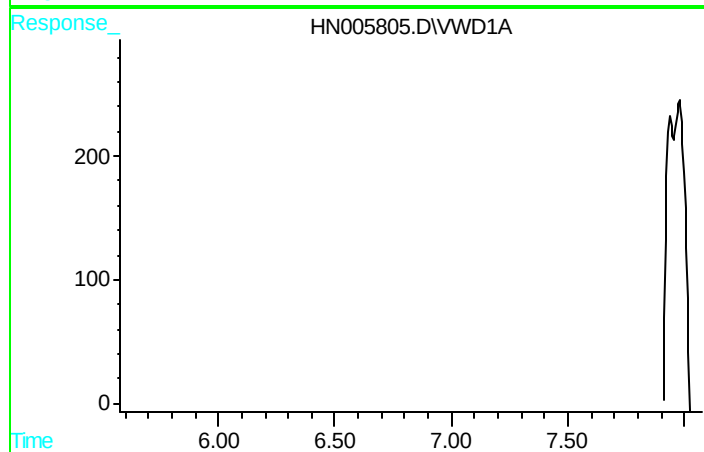
#9 2,4,6-Trinitrotoluene

R.T.: 6.397 min
Delta R.T.: 0.024 min
Response: 106615
Conc: 10.00 ug/L

Instrument :
HPLC_N
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LOD SOIL 2014-01

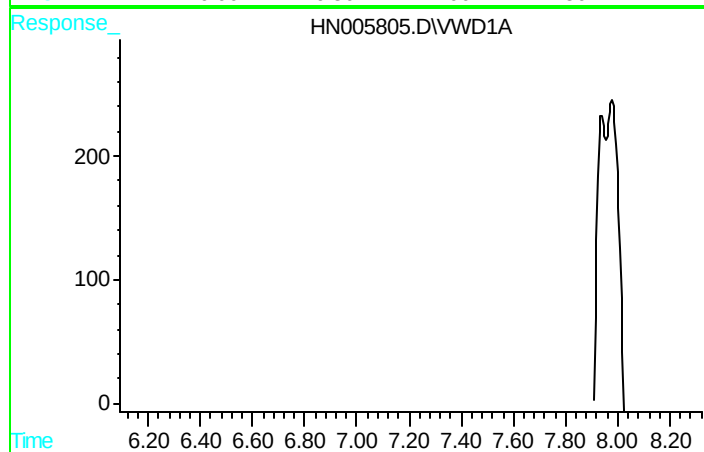
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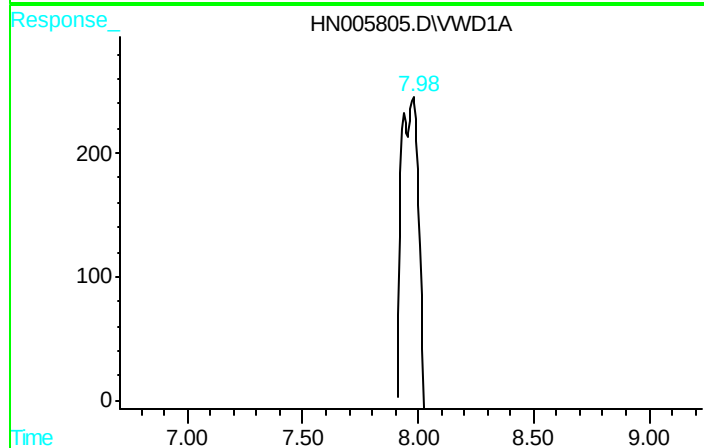
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.820 min
Delta R.T.: -0.024 min
Response: 117214
Conc: 10.25 ug/L m



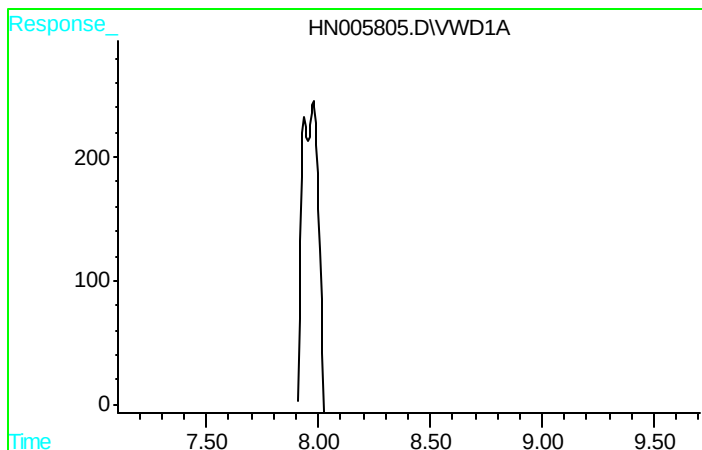
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.213 min
Delta R.T.: 0.044 min
Response: 74051
Conc: 12.81 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 7.977 min
Delta R.T.: 0.039 min
Response: 145624
Conc: 9.52 ug/L m



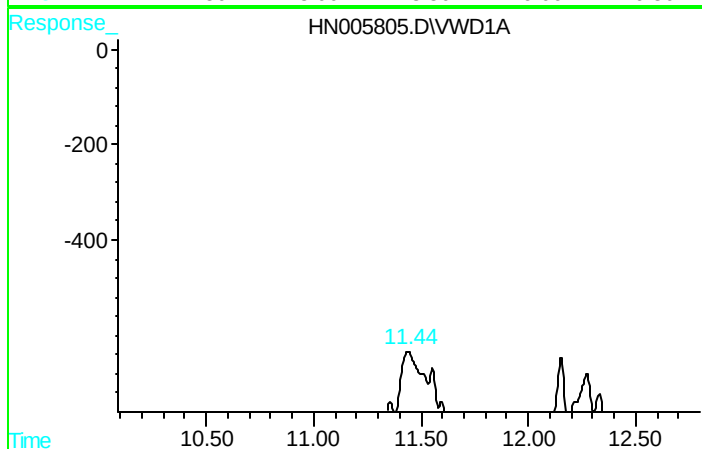
#13 2,6-Dinitrotoluene

R.T.: 8.373 min
Delta R.T.: 0.058 min
Response: 109441
Conc: 12.97 ug/L m

Instrument :
HPLC_N
ClientSampleId :
LOD SOIL 2014-01

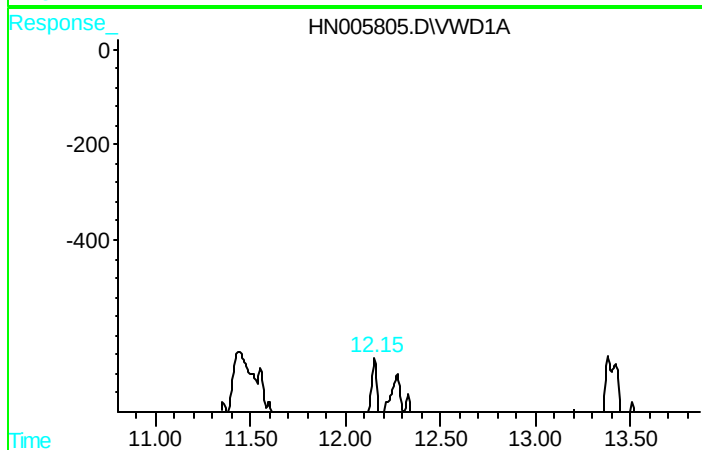
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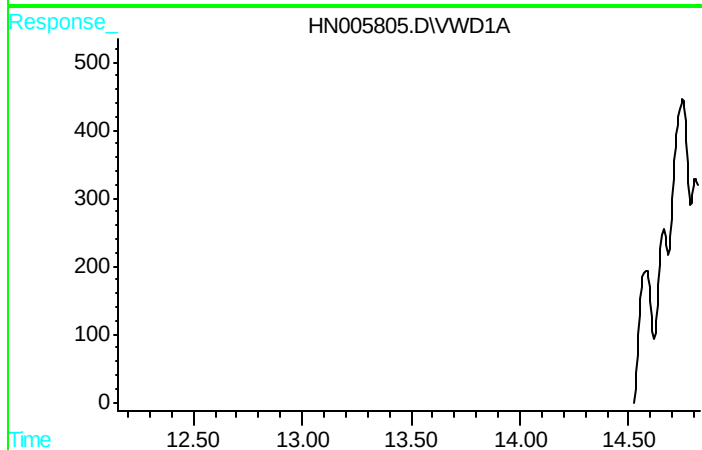
#14 2-Nitrotoluene

R.T.: 11.441 min
Delta R.T.: 0.050 min
Response: 72421
Conc: 10.94 ug/L m



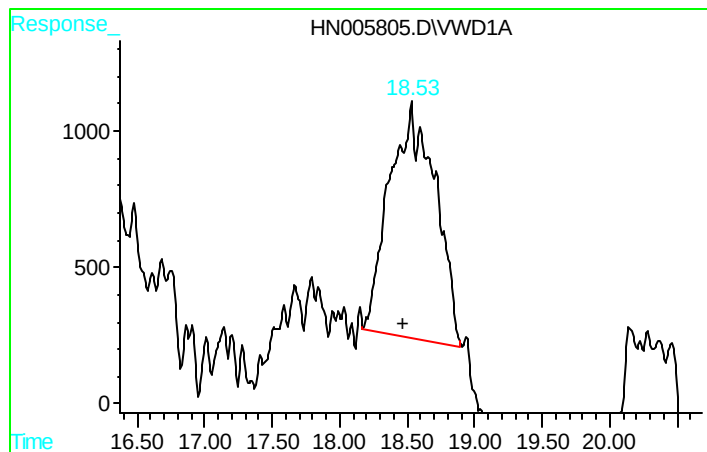
#15 4-Nitrotoluene

R.T.: 12.152 min
Delta R.T.: 0.019 min
Response: 63476
Conc: 11.89 ug/L m



#16 3-Nitrotoluene

R.T.: 13.380 min
Delta R.T.: 0.021 min
Response: 70184
Conc: 10.52 ug/L m



#17 PETN

R.T.: 18.532 min
Delta R.T.: 0.063 min
Response: 203516
Conc: 24.43 ug/L m

Instrument :
HPLC_N
ClientSampleId :
LOD SOIL 2014-01

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