

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005806.D Vial: 32
 Acq On : 21-Jan-2014, 22:36 Operator: QM
 Sample : F1002-04 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jan 24 13:24 2014 Quant Results File: HN012114.RES

Instrument :
 HPLC_N
 ClientSampleId :
 LOQ SOIL 2014-02

Manual Integrations
 APPROVED

QI
 1/24/2014 4:51:38 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	747861	198.527 ug/L
Target Compounds			
2) T HMX	0.87	206352	48.116 ug/L
3) T RDX	1.66	240519	41.939 ug/L m
4) T 1,3,5-Trinitrobenzene	2.62	437340	40.635 ug/L
5) T 1,3-Dinitrobenzene	3.47	752531	46.647 ng/ml
6) T 3,5-Dinitroaniline	3.82	618808	49.443 ug/L
7) T Nitrobenzene	4.64	523406	48.685 ug/L
8) T Tetryl	5.92	140859	20.427 ug/L m
9) T 2,4,6-Trinitrotoluene	6.40	481038	45.124 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.87	498267	43.593 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.21	254191	43.976 ug/L m
12) T 2,4-Dinitrotoluene	7.98	718887	46.991 ug/L m
13) T 2,6-Dinitrotoluene	8.35	384551	45.561 ug/L m
14) T 2-Nitrotoluene	11.46	268245	40.527 ug/L m
15) T 4-Nitrotoluene	12.14	223015	41.760 ug/L m
16) T 3-Nitrotoluene	13.38	316107	47.365 ug/L m
17) T PETN	18.54	399735	47.989 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.

HN005806.D HN012114.M Sat Jan 25 00:59:00 2014

RPT1

Quantitation Report

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005806.D Vial: 32
Acq On : 21-Jan-2014, 22:36 Operator: QM
Sample : F1002-04 Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 24 13:24 2014 Quant Results File: HN012114.RES

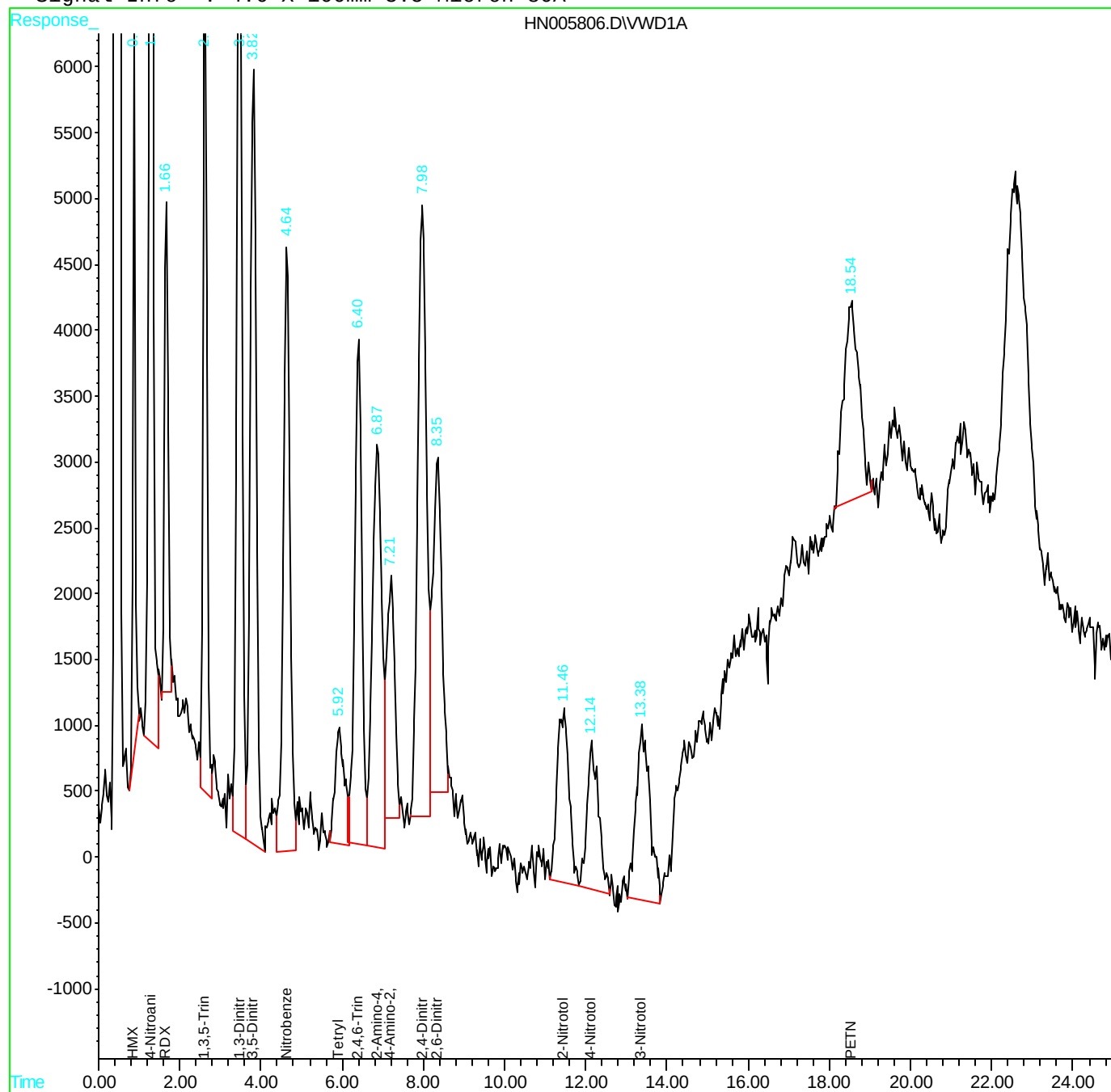
Instrument :
HPLC_N
ClientSampled :
LOQ SOIL 2014-02

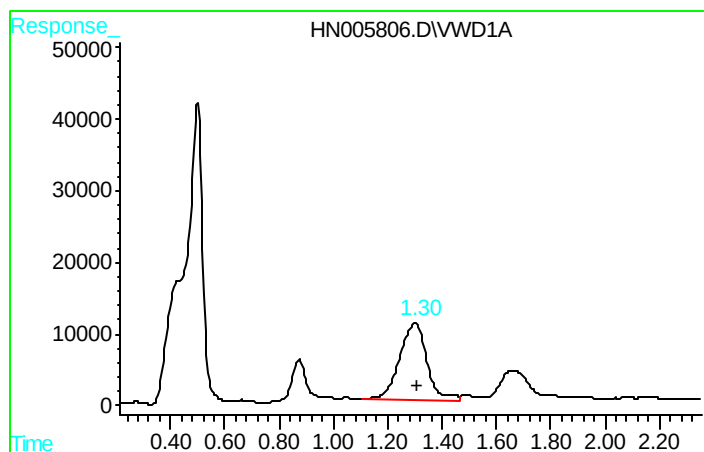
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1/24/2014 4:51:38 PM

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





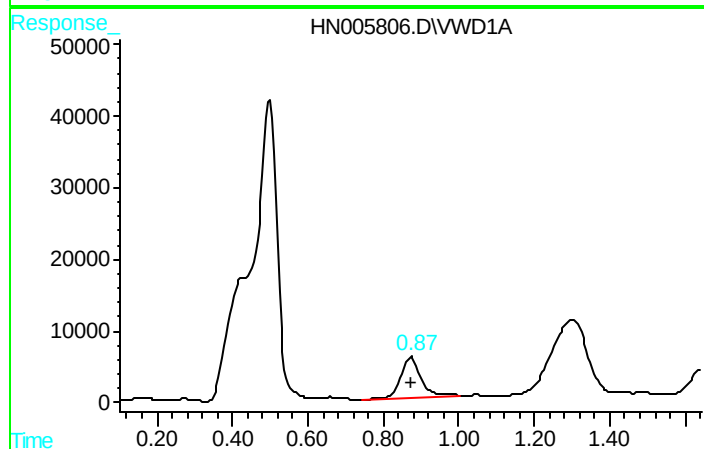
#1 4-Nitroaniline

R.T.: 1.301 min
 Delta R.T.: -0.003 min
 Response: 747861
 Conc: 198.53 ug/L

Instrument :
 HPLC_N
 ClientSampleId :
 LOQ SOIL 2014-02

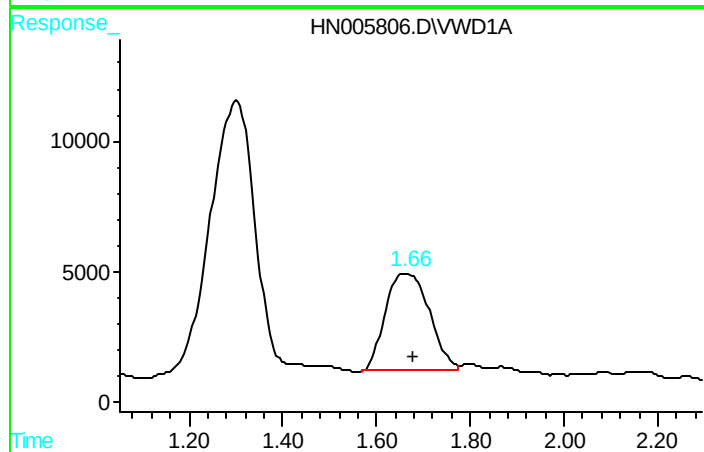
Manual Integrations
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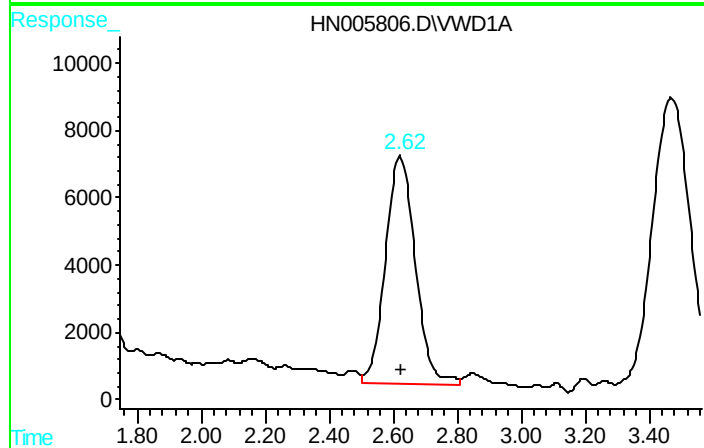
#2 HMX

R.T.: 0.873 min
 Delta R.T.: 0.000 min
 Response: 206352
 Conc: 48.12 ug/L



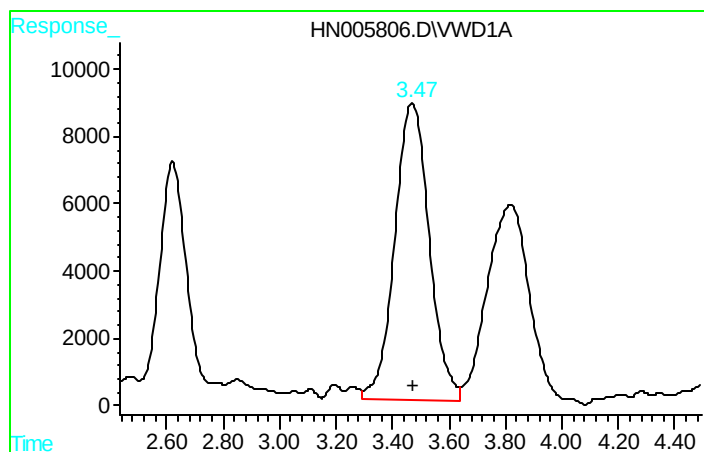
#3 RDX

R.T.: 1.659 min
 Delta R.T.: -0.020 min
 Response: 240519
 Conc: 41.94 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.622 min
 Delta R.T.: 0.000 min
 Response: 437340
 Conc: 40.63 ug/L



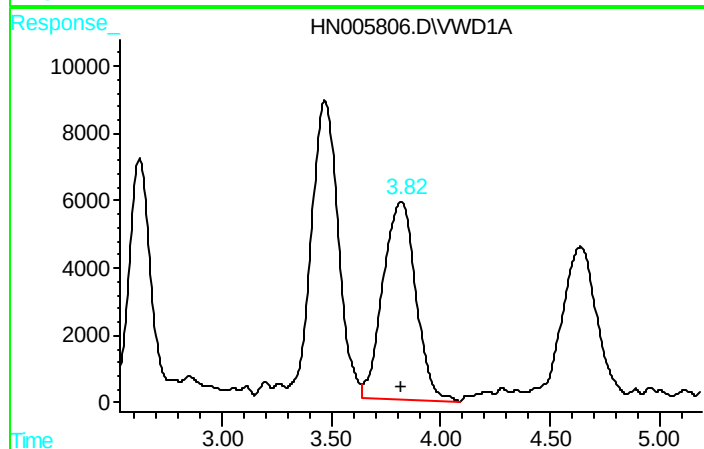
#5 1,3-Dinitrobenzene

R.T.: 3.471 min
Delta R.T.: 0.002 min
Response: 752531
Conc: 46.65 ng/ml

Instrument :
HPLC_N
ClientSampleId :
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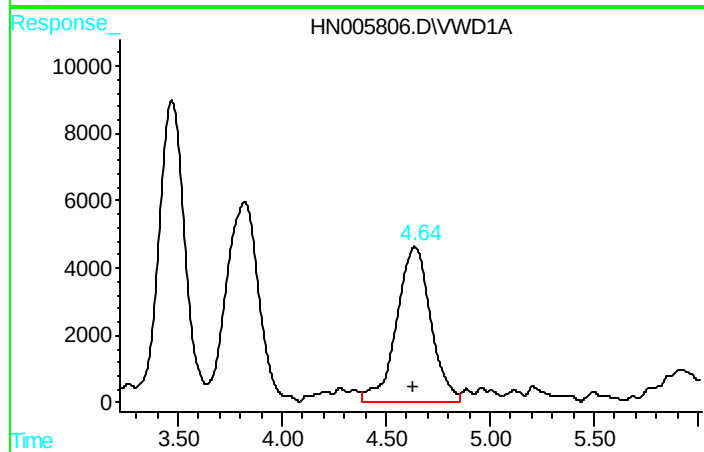
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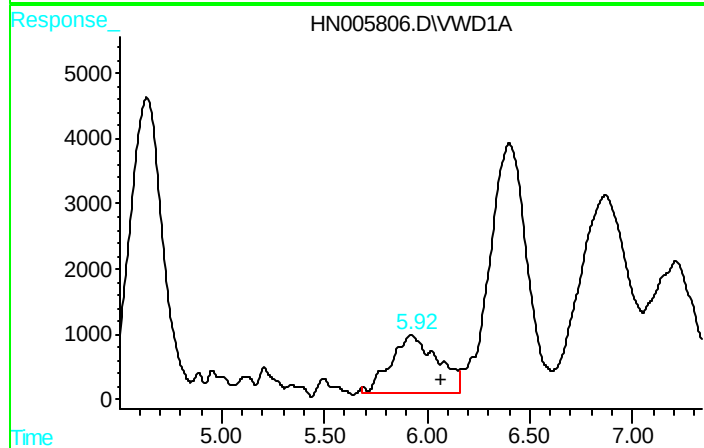
#6 3,5-Dinitroaniline

R.T.: 3.818 min
Delta R.T.: 0.001 min
Response: 618808
Conc: 49.44 ug/L



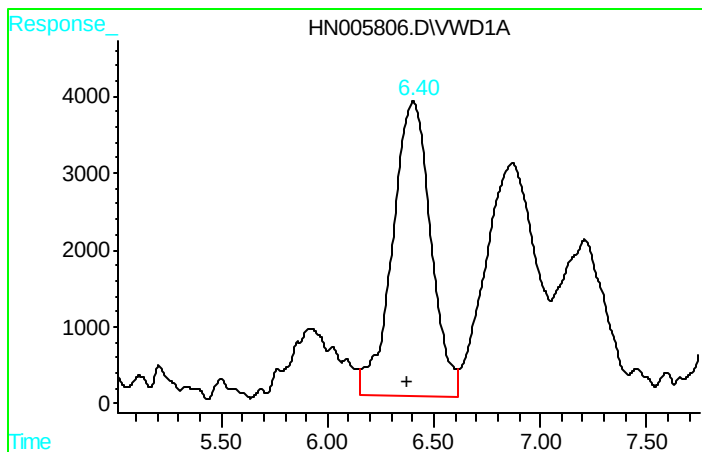
#7 Nitrobenzene

R.T.: 4.640 min
Delta R.T.: 0.008 min
Response: 523406
Conc: 48.69 ug/L



#8 Tetryl

R.T.: 5.923 min
Delta R.T.: -0.148 min
Response: 140859
Conc: 20.43 ug/L m



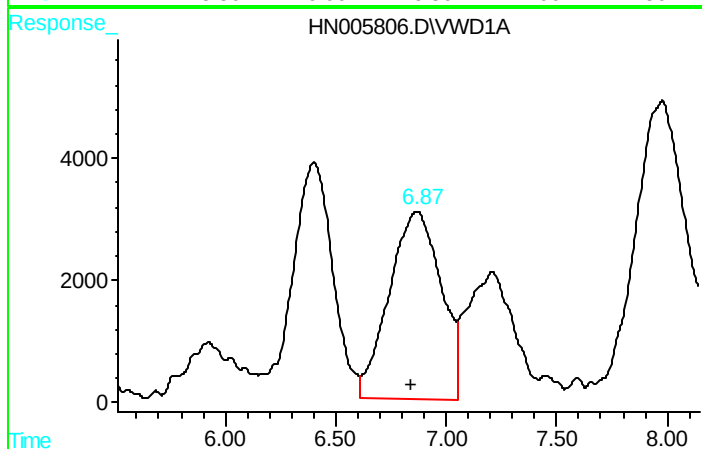
#9 2,4,6-Trinitrotoluene

R.T.: 6.402 min
Delta R.T.: 0.029 min
Response: 481038
Conc: 45.12 ug/L

Instrument :
HPLC_N
ClientSampleId :
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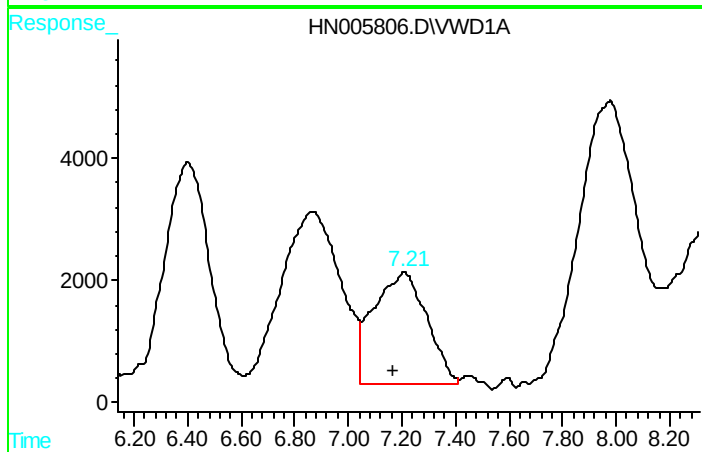
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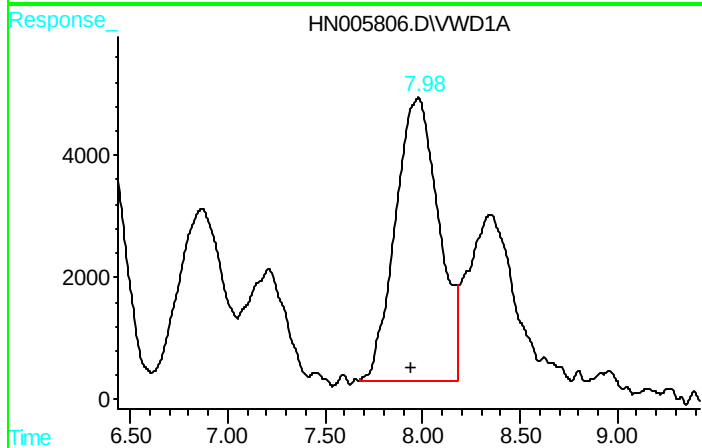
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.869 min
Delta R.T.: 0.025 min
Response: 498267
Conc: 43.59 ug/L



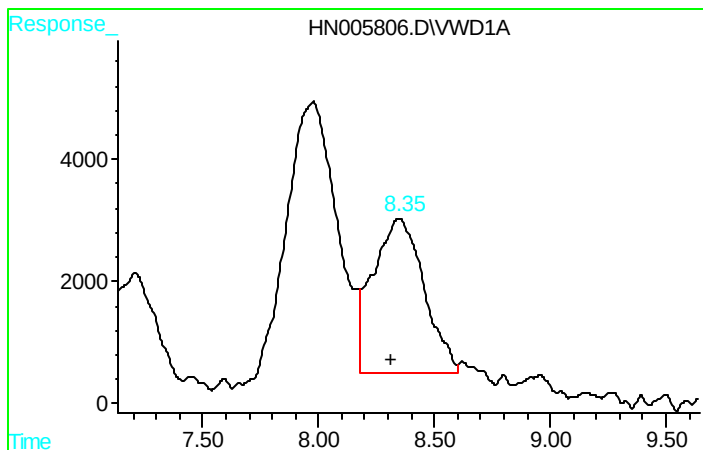
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.207 min
Delta R.T.: 0.038 min
Response: 254191
Conc: 43.98 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 7.978 min
Delta R.T.: 0.040 min
Response: 718887
Conc: 46.99 ug/L m



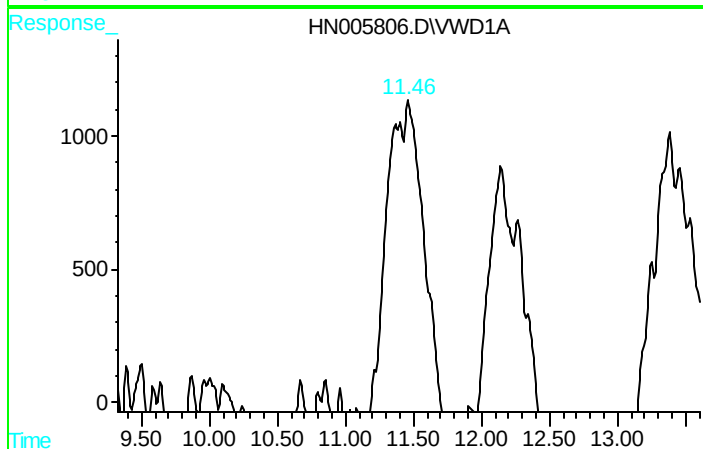
#13 2,6-Dinitrotoluene

R.T.: 8.347 min
Delta R.T.: 0.033 min
Response: 384551
Conc: 45.56 ug/L m

Instrument :
HPLC_N
ClientSampleId :
LOQ SOIL 2014-02

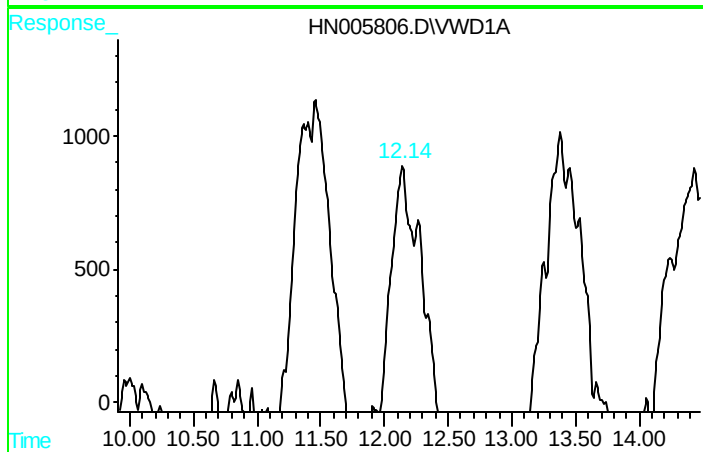
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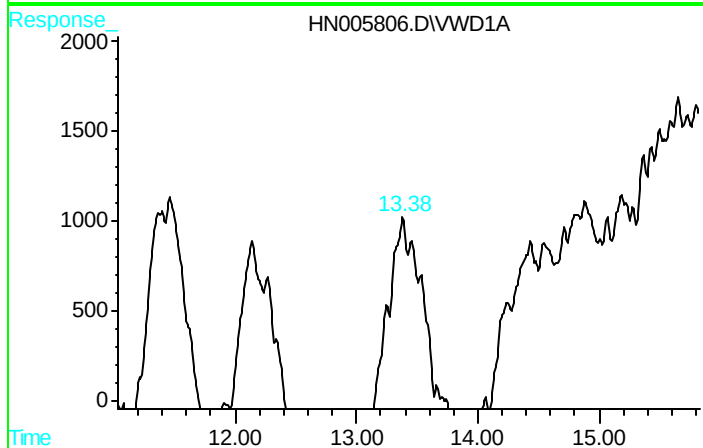
#14 2-Nitrotoluene

R.T.: 11.457 min
Delta R.T.: 0.066 min
Response: 268245
Conc: 40.53 ug/L m



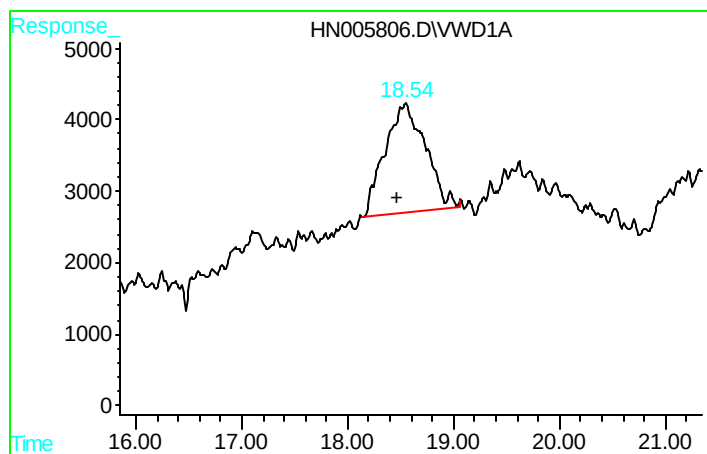
#15 4-Nitrotoluene

R.T.: 12.141 min
Delta R.T.: 0.007 min
Response: 223015
Conc: 41.76 ug/L m



#16 3-Nitrotoluene

R.T.: 13.380 min
Delta R.T.: 0.021 min
Response: 316107
Conc: 47.37 ug/L m



#17 PETN

R.T.: 18.545 min
Delta R.T.: 0.076 min
Response: 399735
Conc: 47.99 ug/L m

Instrument :
HPLC_N
ClientSampleId :
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