

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN111113\HN005700.D Vial: 25
 Acq On : 11-Nov-2013, 20:34 Operator: QM
 Sample : E4011-05 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 12 10:40 2013 Quant Results File: HN111113.RES

Instrument :
 HPLC_N
 ClientSampleId :
 LOD WATER 2013-01

Manual Integrations
 APPROVED

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 11/12/2013 3:42:08 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN111113.M
 Title :
 Last Update : Mon Nov 11 16:27:41 2013
 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	1.37	1202429	306.639 ug/L
Target Compounds			
2) T HMX	0.91	66706	16.526 ug/L
3) T RDX	1.75	45974	8.247 ug/L
4) T 1,3,5-Trinitrobenzene	2.80	90889	8.738 ug/L m
5) T 3,5-Dinitroaniline	3.71	193963	11.476 ng/mlm
6) T 1,3-Dinitrobenzene	4.08	157048	11.371 ug/L m
7) T Nitrobenzene	4.97	95996	9.259 ug/L m
8) T Tetryl	6.53	32622	4.654 ug/L m
9) T 2,4,6-Trinitrotoluene	6.94	89133	7.759 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.33	112152	10.426 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.86	55941	8.859 ug/L m
12) T 2,4-Dinitrotoluene	8.64	151374	10.274 ug/L m
13) T 2,6-Dinitrotoluene	9.06	80804	9.841 ug/L m
14) T 2-Nitrotoluene	12.40	76663	11.962 ug/L m
15) T 4-Nitrotoluene	13.25	66558	12.826 ug/L m
16) T 3-Nitrotoluene	14.62	257690	13.097 ug/L m
17) T PETN	20.09	108436	11.692 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.

Quantitation Report

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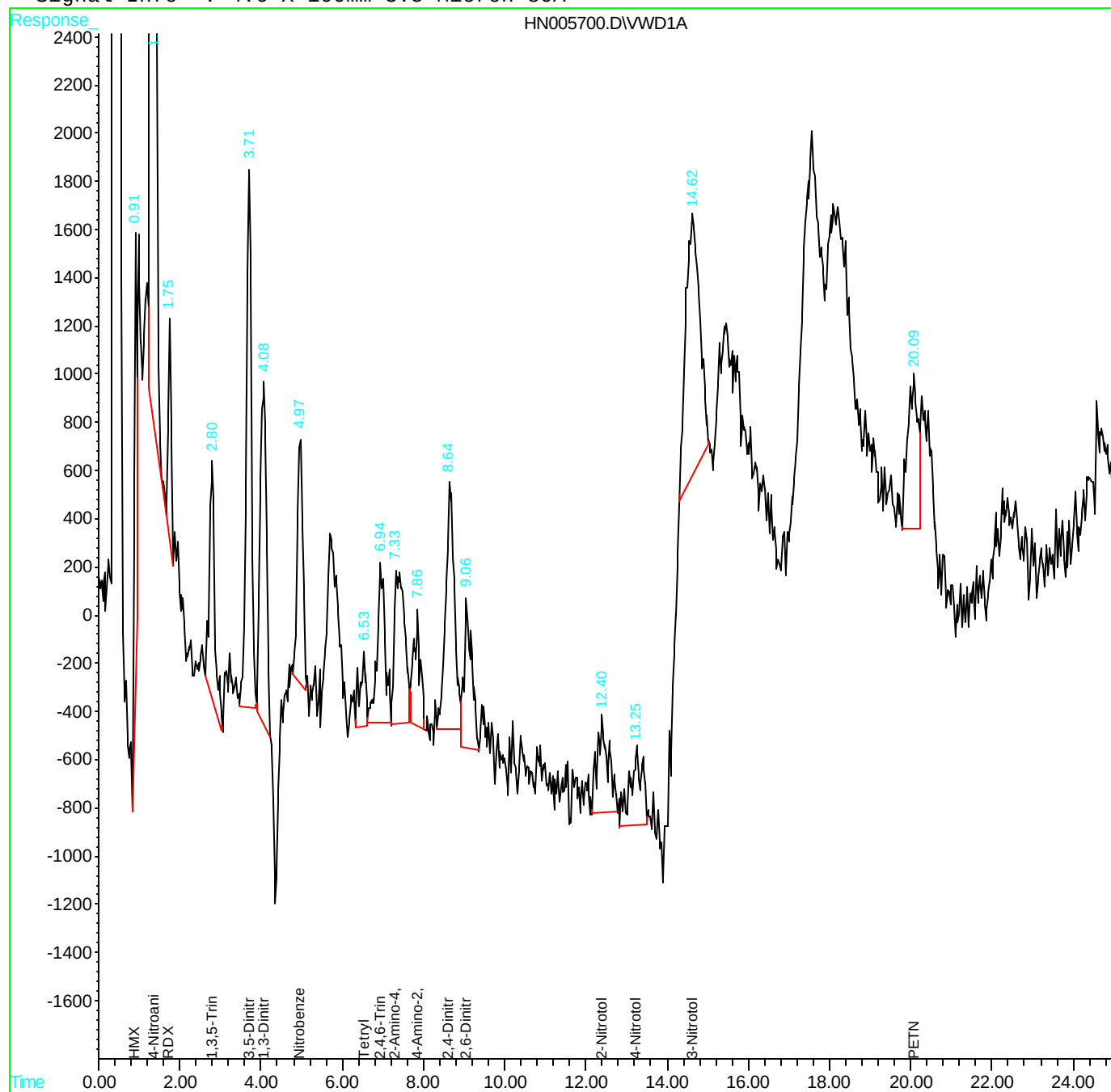
Instrument :
HPLC_N
ClientSampled :
LOD WATER 2013-01

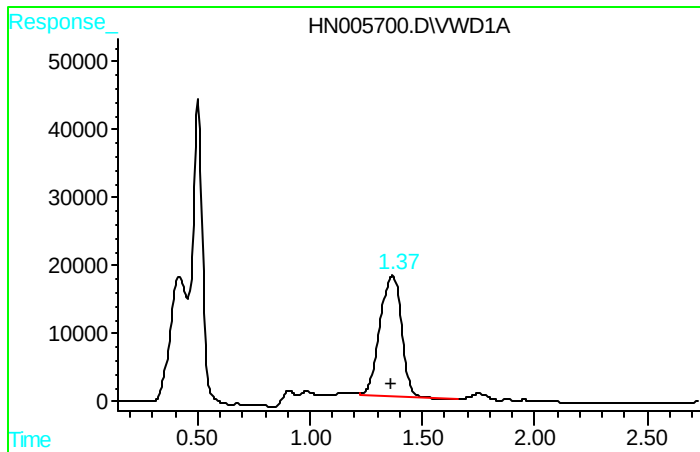
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN111113.M
Title :
Last Update : Mon Nov 11 16:27:41 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





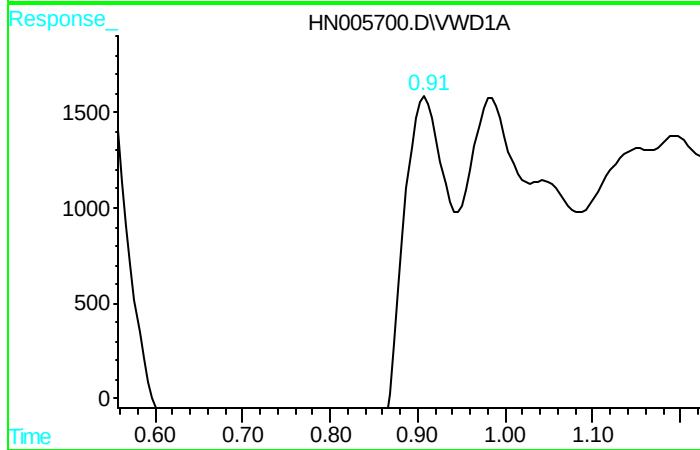
#1 4-Nitroaniline

R.T.: 1.369 min
Delta R.T.: 0.008 min
Response: 1202429
Conc: 306.64 ug/L

Instrument :
HPLC_N
ClientSampleId :
LOD WATER 2013-01

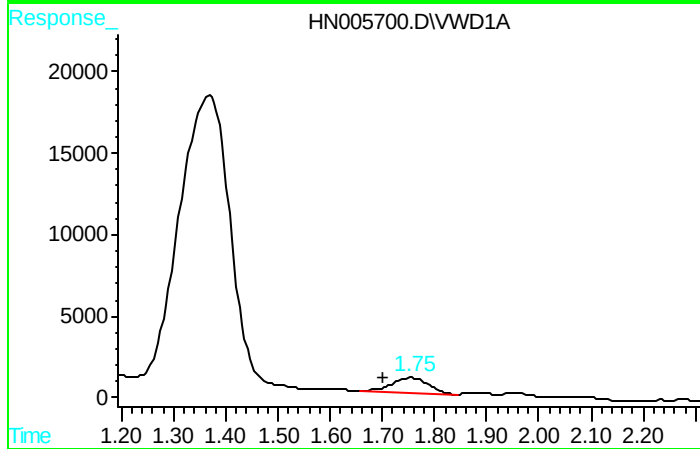
Manual Integrations
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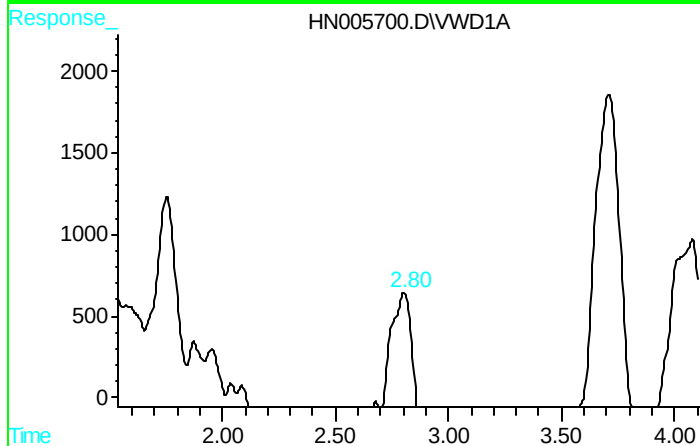
#2 HMX

R.T.: 0.909 min
Delta R.T.: 0.008 min
Response: 66706
Conc: 16.53 ug/L



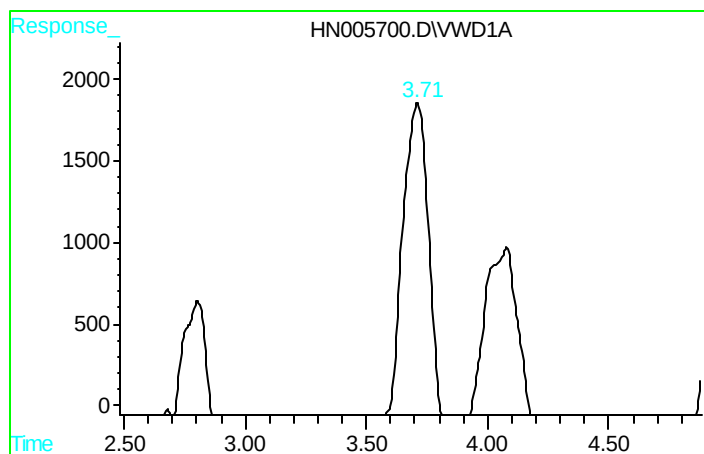
#3 RDX

R.T.: 1.754 min
Delta R.T.: 0.052 min
Response: 45974
Conc: 8.25 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.803 min
Delta R.T.: 0.031 min
Response: 90889
Conc: 8.74 ug/L m



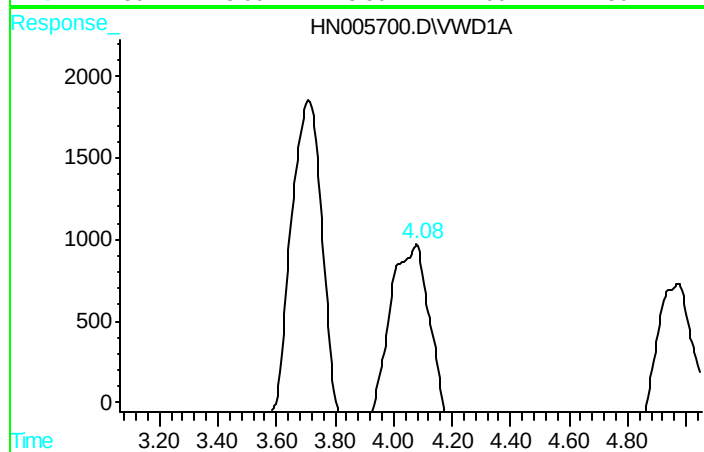
#5 3,5-Dinitroaniline

R.T.: 3.709 min
Delta R.T.: 0.038 min
Response: 193963
Conc: 11.48 ng/ml

Instrument :
HPLC_N
ClientSampleId :
LOD WATER 2013-01

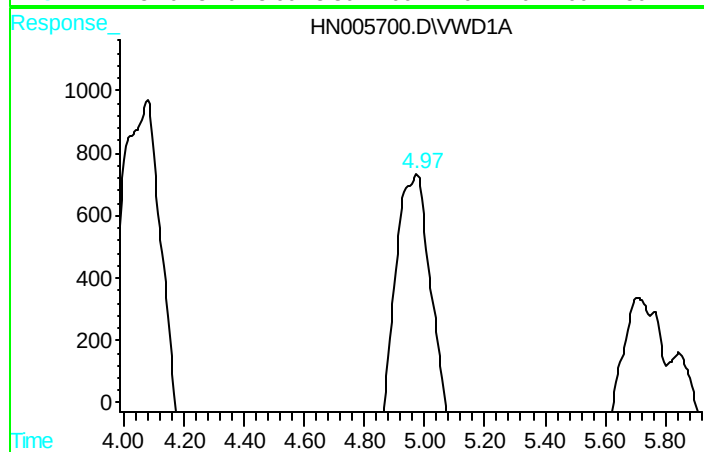
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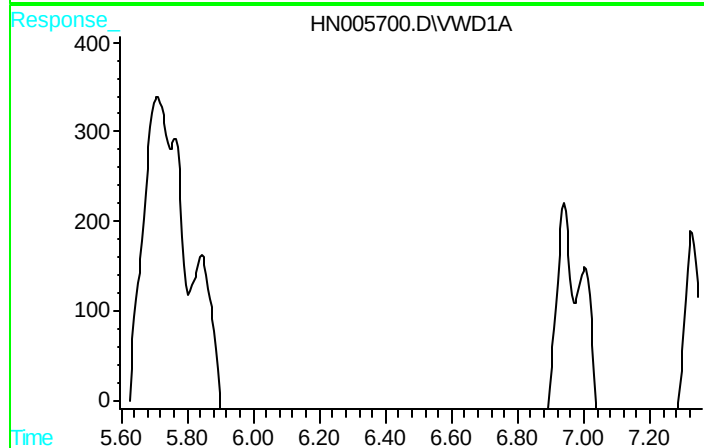
#6 1,3-Dinitrobenzene

R.T.: 4.079 min
Delta R.T.: 0.053 min
Response: 157048
Conc: 11.37 ug/L m



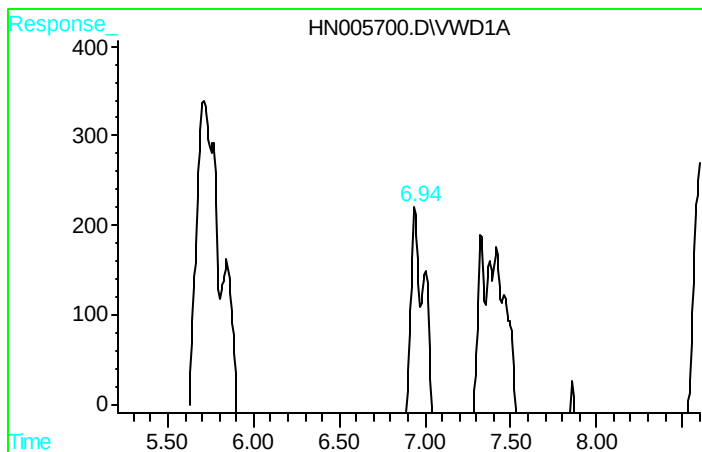
#7 Nitrobenzene

R.T.: 4.973 min
Delta R.T.: 0.051 min
Response: 95996
Conc: 9.26 ug/L m



#8 Tetryl

R.T.: 6.535 min
Delta R.T.: -0.023 min
Response: 32622
Conc: 4.65 ug/L m



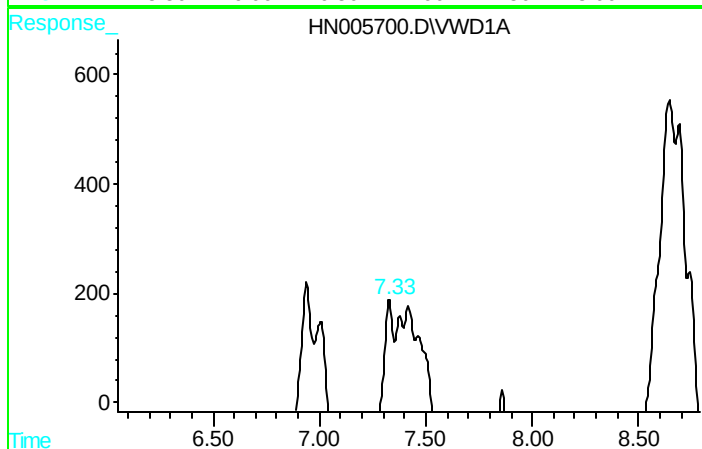
#9 2,4,6-Trinitrotoluene

R.T.: 6.940 min
Delta R.T.: 0.062 min
Response: 89133
Conc: 7.76 ug/L m

Instrument :
HPLC_N
ClientSampleId :
LOD WATER 2013-01

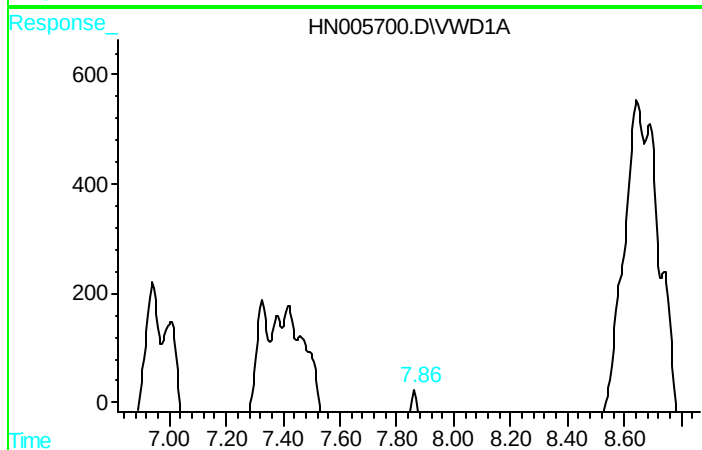
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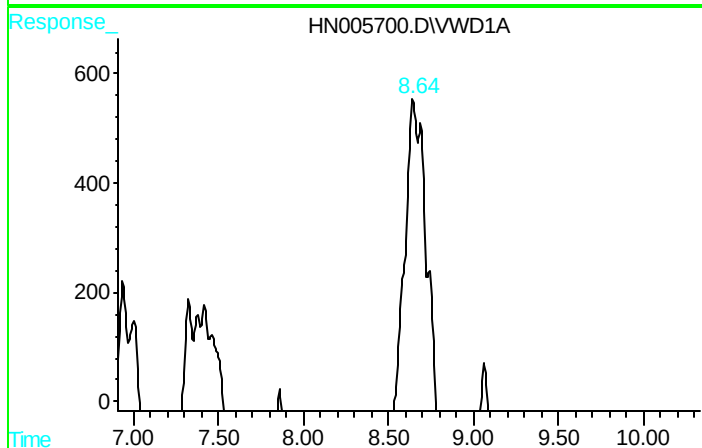
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.326 min
Delta R.T.: -0.008 min
Response: 112152
Conc: 10.43 ug/L m



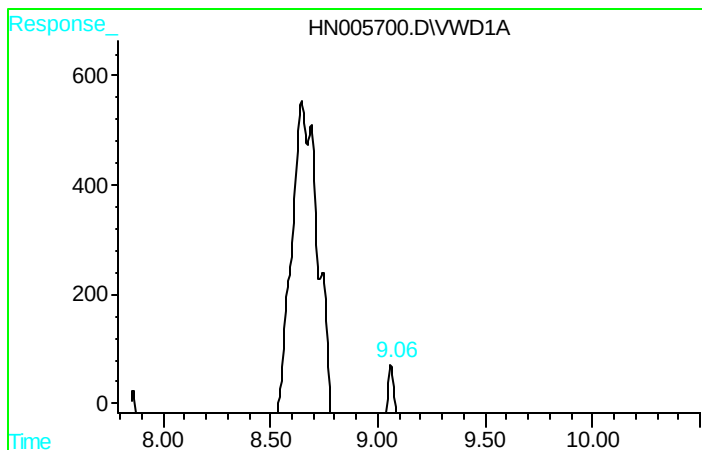
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.860 min
Delta R.T.: 0.136 min
Response: 55941
Conc: 8.86 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.643 min
Delta R.T.: 0.081 min
Response: 151374
Conc: 10.27 ug/L m



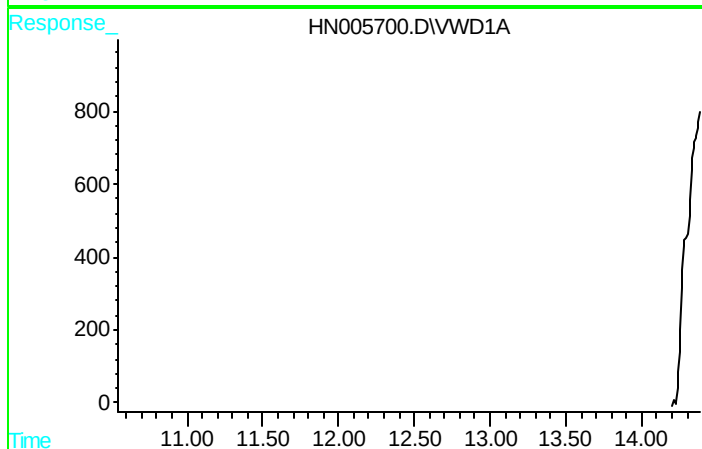
#13 2,6-Dinitrotoluene

R.T.: 9.061 min
Delta R.T.: 0.074 min
Response: 80804
Conc: 9.84 ug/L m

Instrument :
HPLC_N
ClientSampleId :
LOD WATER 2013-01

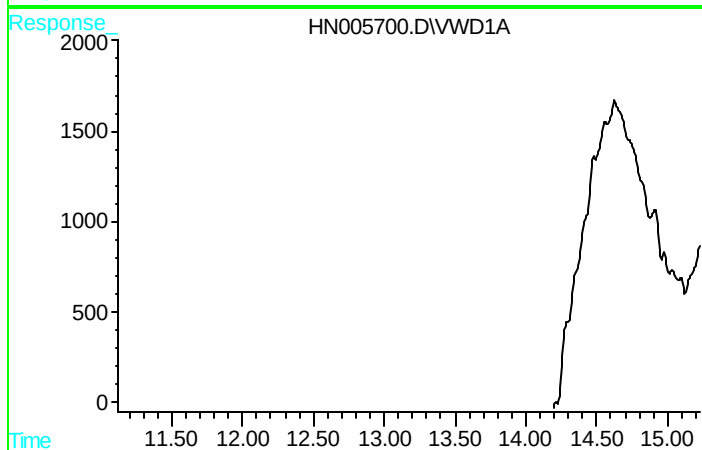
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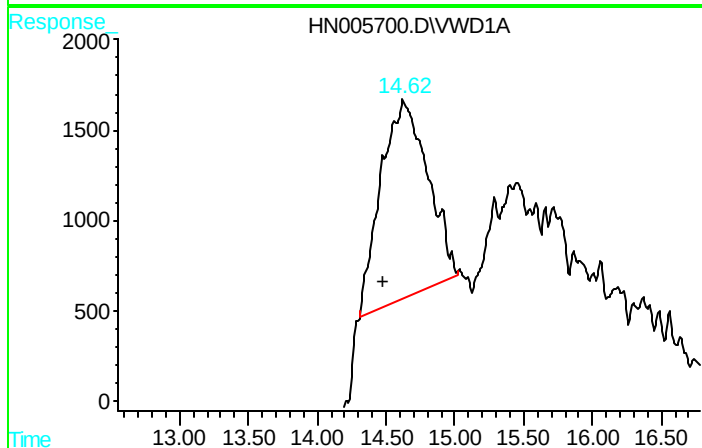
#14 2-Nitrotoluene

R.T.: 12.397 min
Delta R.T.: 0.043 min
Response: 76663
Conc: 11.96 ug/L m



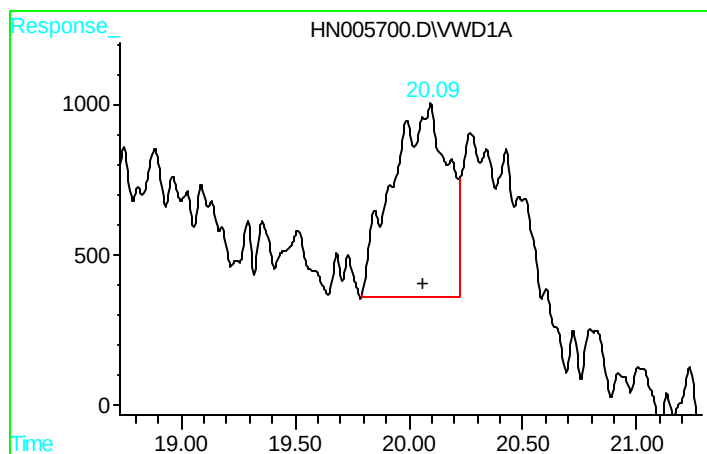
#15 4-Nitrotoluene

R.T.: 13.248 min
Delta R.T.: 0.094 min
Response: 66558
Conc: 12.83 ug/L m



#16 3-Nitrotoluene

R.T.: 14.623 min
Delta R.T.: 0.143 min
Response: 257690
Conc: 13.10 ug/L m



#17 PETN

R.T.: 20.095 min
Delta R.T.: 0.031 min
Response: 108436
Conc: 11.69 ug/L m

Instrument :
HPLC_N
ClientSampleId :
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