

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070213\HL005467.D Vial: 6
 Acq On : 02-Jul-2013, 16:52 Operator: QM
 Sample : HSTDICC0020 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 2 16:37 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC0020

Manual Integrations
 APPROVED

AHPatel
 7/6/2013 12:44:43 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:29:44 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	1.34	83660	21.072 ug/L m
Target Compounds			
2) T HMX	0.89	118722	26.174 ug/L
3) T RDX	1.73	96053	18.129 ug/L m
4) T 1,3,5-Trinitrobenzene	2.68	225619	20.856 ug/L m
5) T 1,3-Dinitrobenzene	3.57	279003	18.072 ng/mlm
6) T 3,5-Dinitroaniline	3.93	345380	25.528 ug/L
7) T Nitrobenzene	4.79	186659	18.222 ug/L m
8) T Tetryl	6.38	119097	17.697 ug/L m
9) T 2,4,6-Trinitrotoluene	6.59	222535	19.766 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.17	264260	24.664 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.58	131737	23.624 ug/L m
12) T 2,4-Dinitrotoluene	8.28	272956	18.033 ug/L m
13) T 2,6-Dinitrotoluene	8.72	199027	24.474 ug/L m
14) T 2-Nitrotoluene	11.86	108387	15.280 ug/L m
15) T 4-Nitrotoluene	12.75	113325	20.260 ug/L m
16) T 3-Nitrotoluene	14.08	160724	24.243 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.

HL005467.D HL070213.M

Fri Jul 05 23:52:25 2013

RPT1

Quantitation Report

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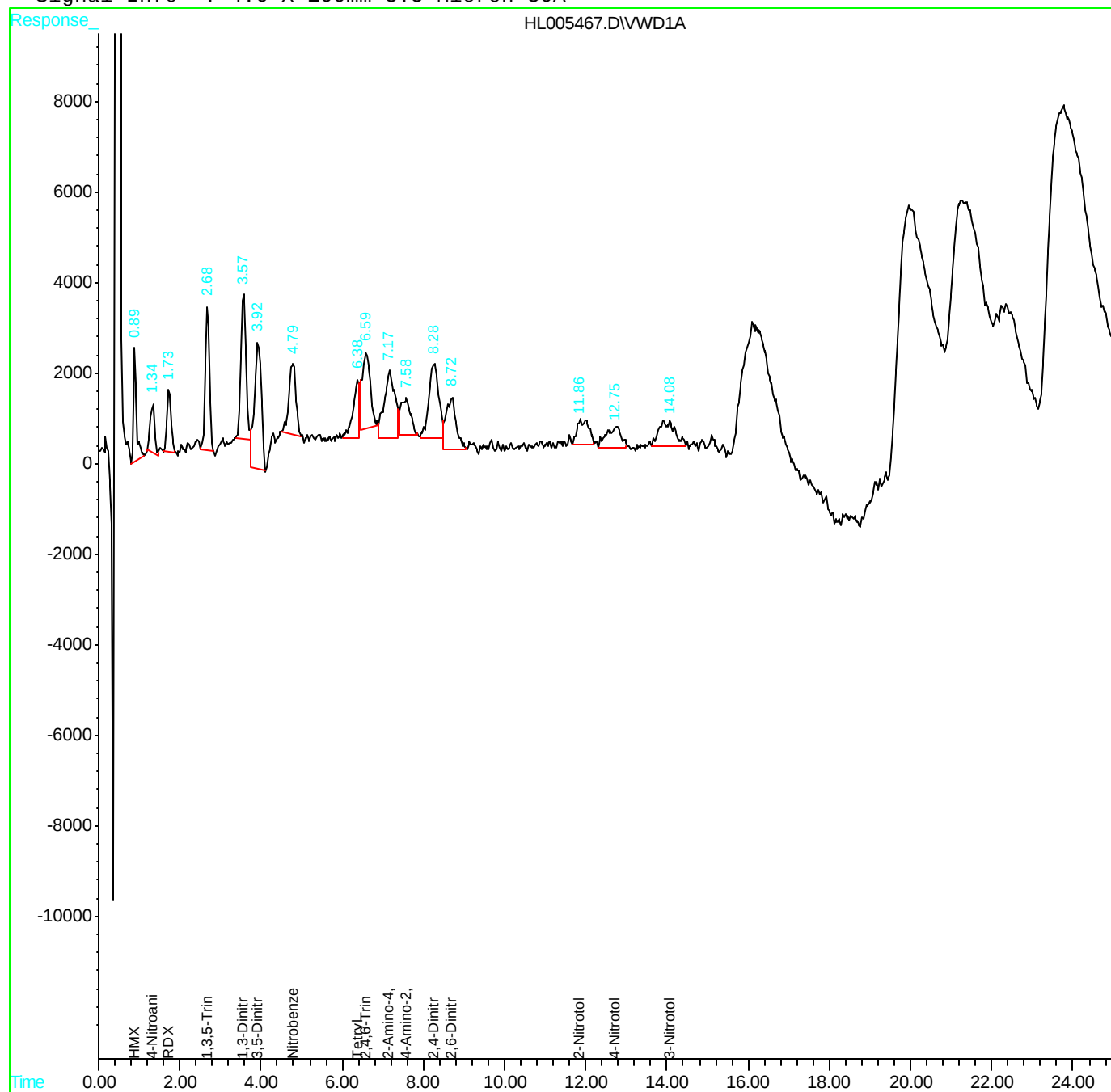
Instrument :
HPLC_L
LabSampleId :
HSTDICC0020

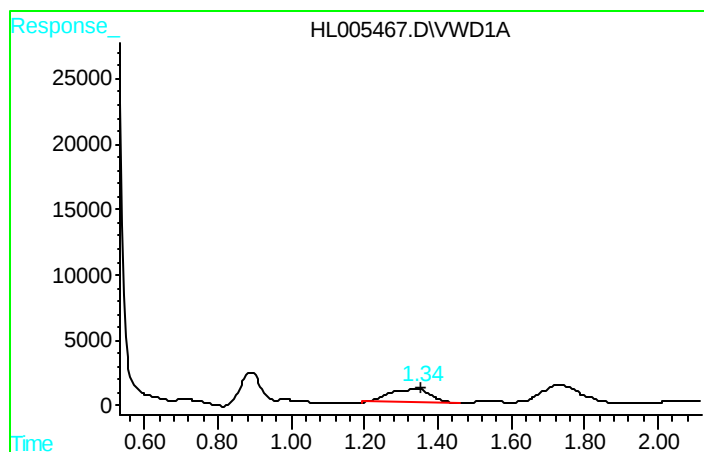
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7/6/2013 12:44:43 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
Title :
Last Update : Tue Jul 02 16:29:44 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





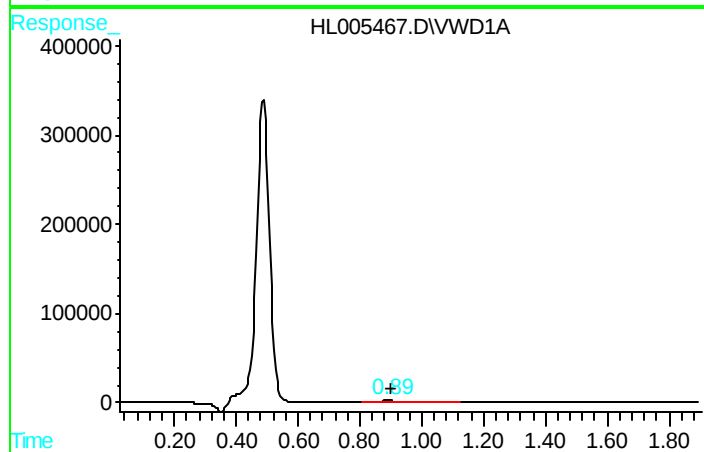
#1 4-Nitroaniline

R.T.: 1.345 min
Delta R.T.: -0.007 min
Response: 83660
Conc: 21.07 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDICC0020

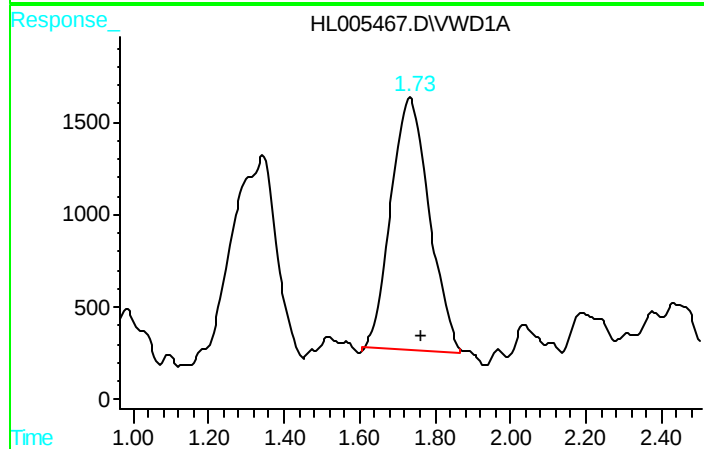
Manual Integrations
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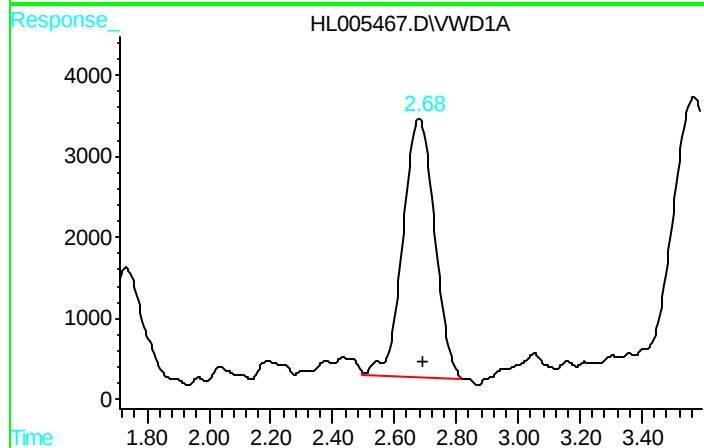
#2 HMX

R.T.: 0.891 min
Delta R.T.: -0.011 min
Response: 118722
Conc: 26.17 ug/L



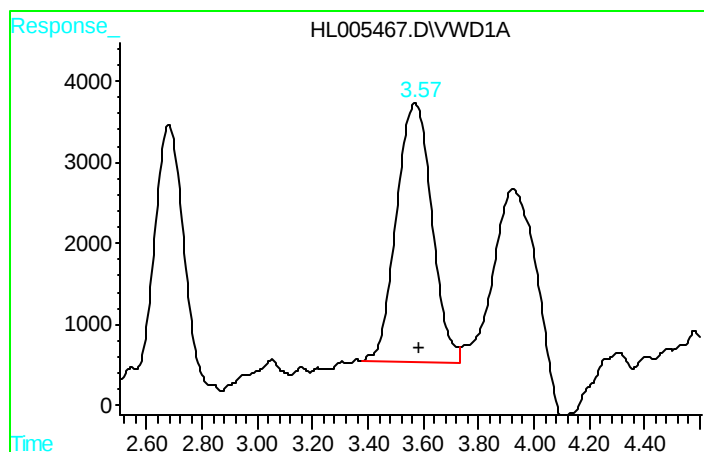
#3 RDX

R.T.: 1.731 min
Delta R.T.: -0.030 min
Response: 96053
Conc: 18.13 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.679 min
Delta R.T.: -0.015 min
Response: 225619
Conc: 20.86 ug/L m



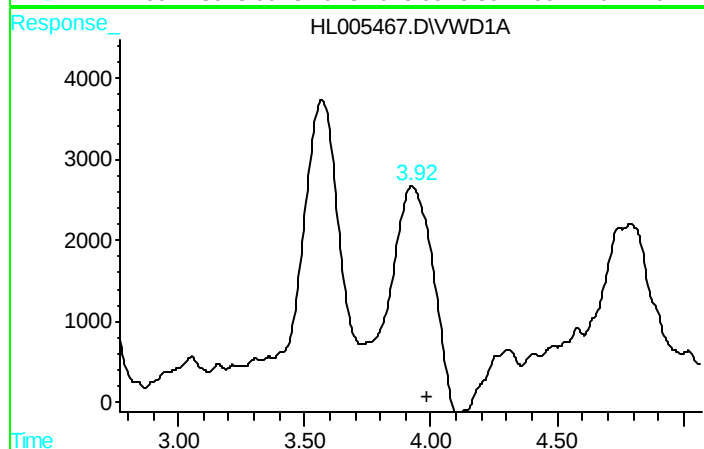
#5 1,3-Dinitrobenzene

R.T.: 3.568 min
Delta R.T.: -0.016 min
Response: 279003
Conc: 18.07 ng/ml

Instrument :
HPLC_L
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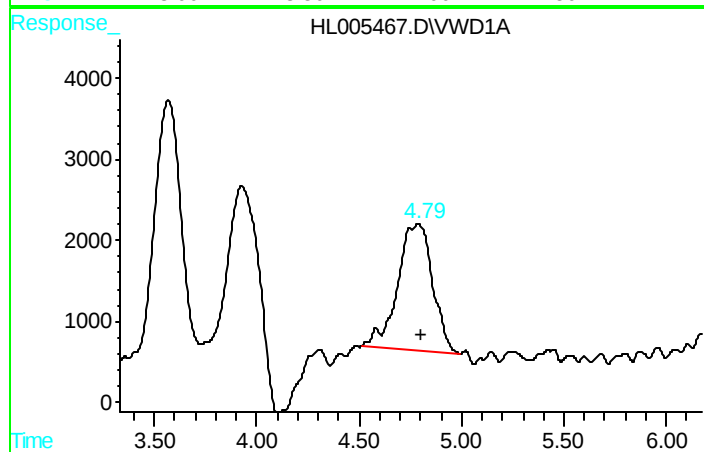
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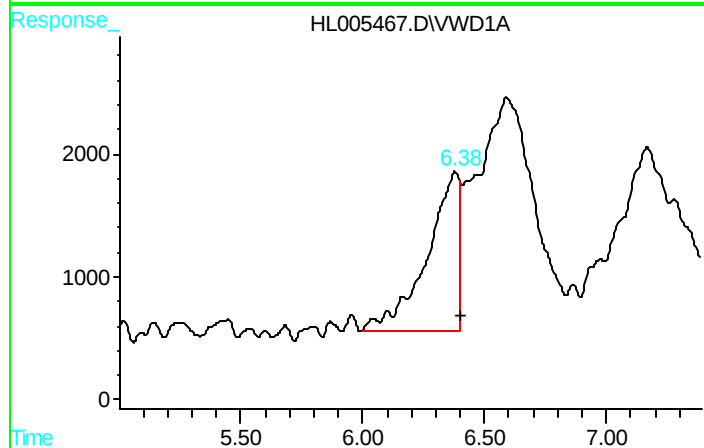
#6 3,5-Dinitroaniline

R.T.: 3.928 min
Delta R.T.: -0.054 min
Response: 345380
Conc: 25.53 ug/L



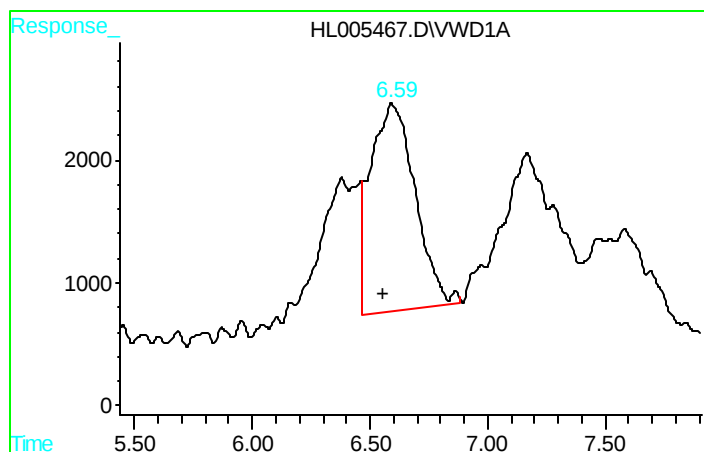
#7 Nitrobenzene

R.T.: 4.788 min
Delta R.T.: -0.014 min
Response: 186659
Conc: 18.22 ug/L m



#8 Tetryl

R.T.: 6.378 min
Delta R.T.: -0.022 min
Response: 119097
Conc: 17.70 ug/L m



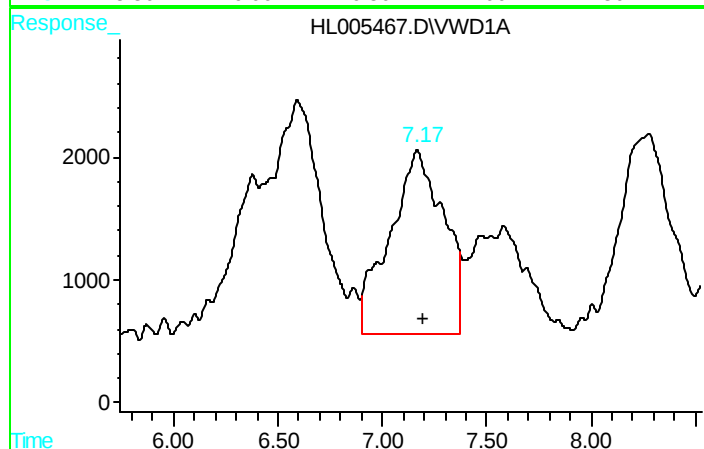
#9 2,4,6-Trinitrotoluene

R.T.: 6.588 min
Delta R.T.: 0.036 min
Response: 222535
Conc: 19.77 ug/L m

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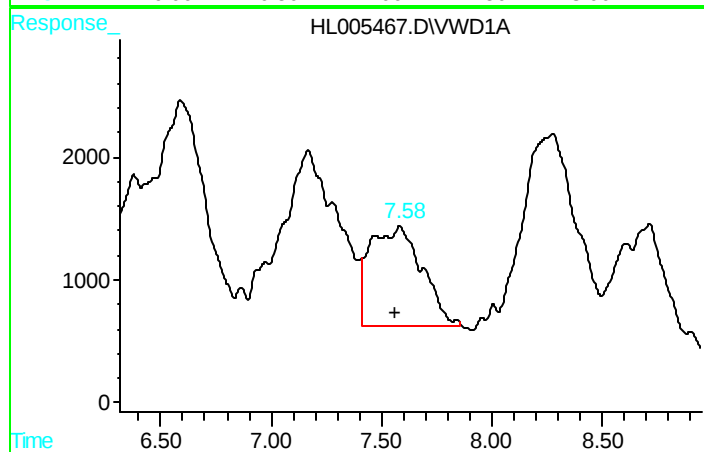
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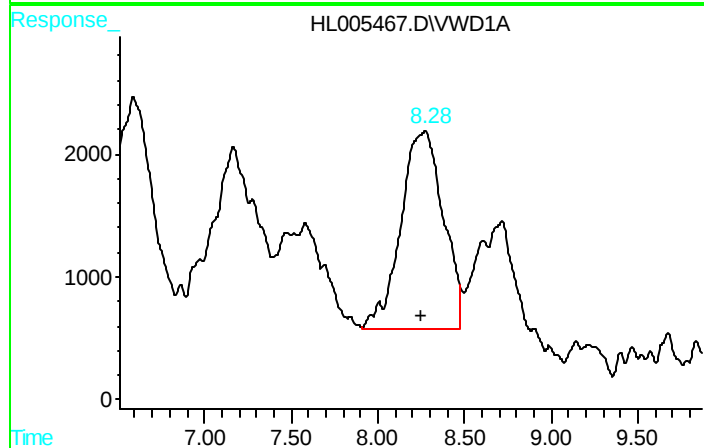
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.165 min
Delta R.T.: -0.025 min
Response: 264260
Conc: 24.66 ug/L m



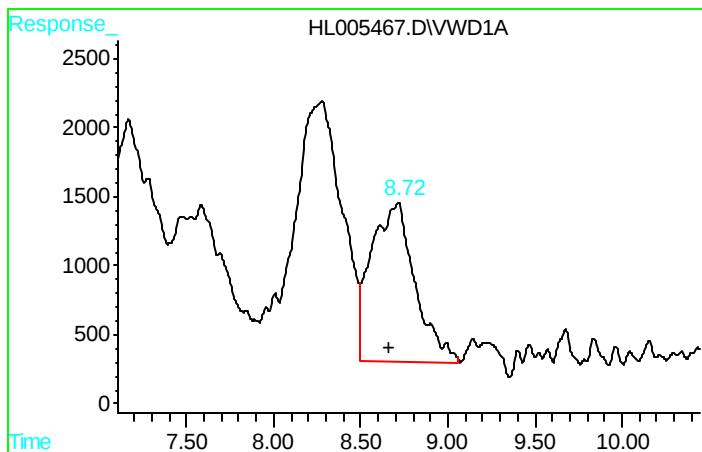
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.583 min
Delta R.T.: 0.023 min
Response: 131737
Conc: 23.62 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.277 min
Delta R.T.: 0.027 min
Response: 272956
Conc: 18.03 ug/L m



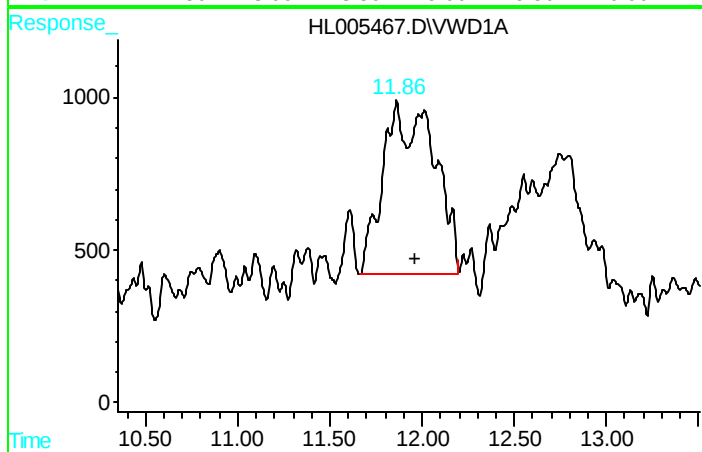
#13 2,6-Dinitrotoluene

R.T.: 8.716 min
Delta R.T.: 0.056 min
Response: 199027
Conc: 24.47 ug/L m

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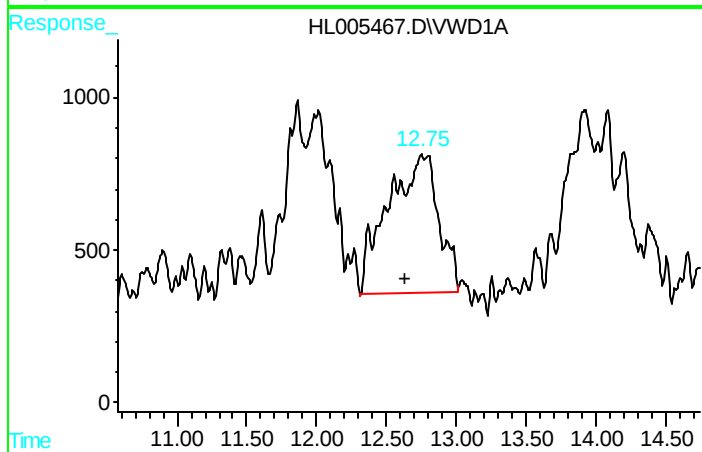
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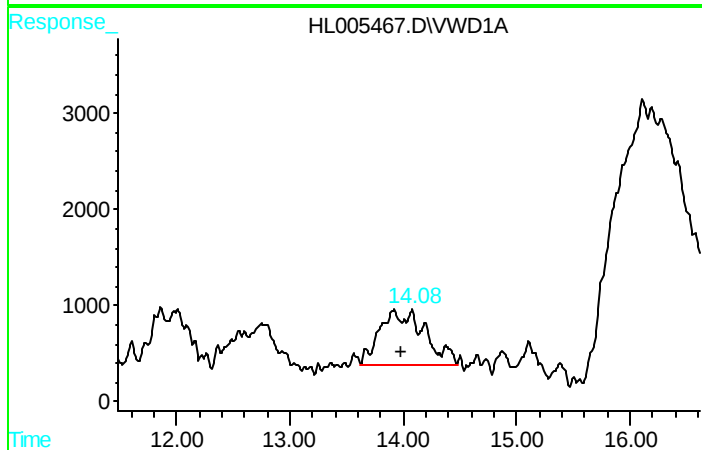
#14 2-Nitrotoluene

R.T.: 11.861 min
Delta R.T.: -0.099 min
Response: 108387
Conc: 15.28 ug/L m



#15 4-Nitrotoluene

R.T.: 12.745 min
Delta R.T.: 0.108 min
Response: 113325
Conc: 20.26 ug/L m



#16 3-Nitrotoluene

R.T.: 14.080 min
Delta R.T.: 0.100 min
Response: 160724
Conc: 24.24 ug/L m