

Data File : S:\HPCHEM1\HPLC_L\DATA\HL071113\HL005541.D Vial: 6
 Acq On : 11-Jul-2013, 20:57 Operator: QM
 Sample : HSTDICC0020 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 11 21:17 2013 Quant Results File: HL071113.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC0020

Manual Integrations
 APPROVED

QI
 7/12/2013 11:17:01 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL071113.M
 Title :
 Last Update : Thu Jul 11 20:47:47 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	1.32	56796	13.907 ug/L m
Target Compounds			
2) T HMX	0.89	90140	19.959 ug/L
3) T RDX	1.72	95120	18.801 ug/L m
4) T 1,3,5-Trinitrobenzene	2.65	208109	18.648 ug/L m
5) T 1,3-Dinitrobenzene	3.56	296046	19.039 ng/mlm
6) T 3,5-Dinitroaniline	3.95	256865	18.424 ug/L
7) T Nitrobenzene	4.80	149109	15.016 ug/L m
8) T Tetryl	6.37	86918	14.381 ug/L m
9) T 2,4,6-Trinitrotoluene	6.57	212069	18.149 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.18	210731	17.936 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.54	114869	19.943 ug/L m
12) T 2,4-Dinitrotoluene	8.28	255783	17.153 ug/L m
13) T 2,6-Dinitrotoluene	8.69	147203	17.622 ug/L m
14) T 2-Nitrotoluene	11.83	91057	14.241 ug/L m
15) T 4-Nitrotoluene	12.64	84288	15.684 ug/L m
16) T 3-Nitrotoluene	13.85	91709	13.337 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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Sample : HSTDICC0020 Inst : G1314A
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IntFile : autoint1.e
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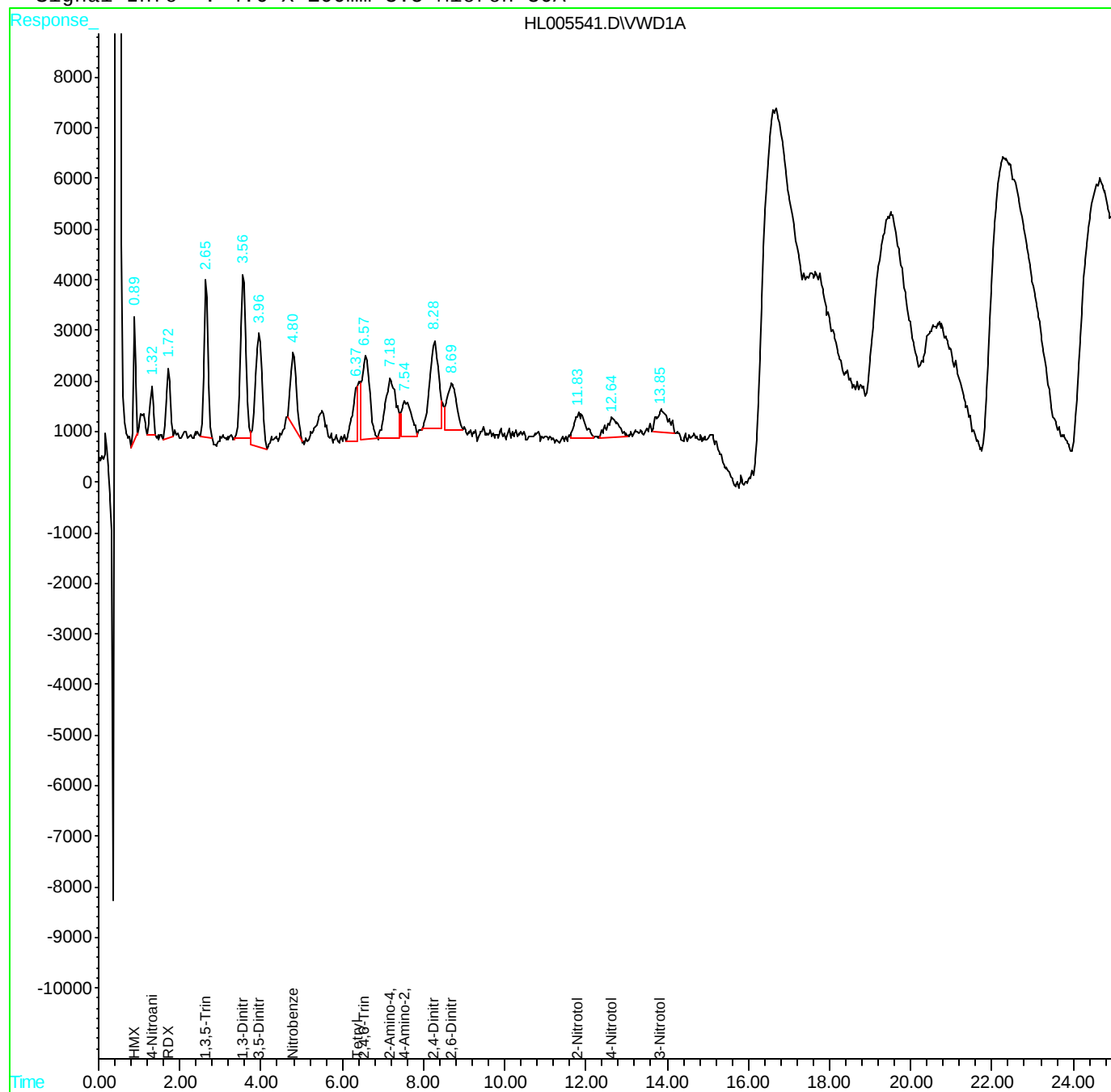
Instrument :
HPLC_L
LabSampleId :
HSTDICC0020

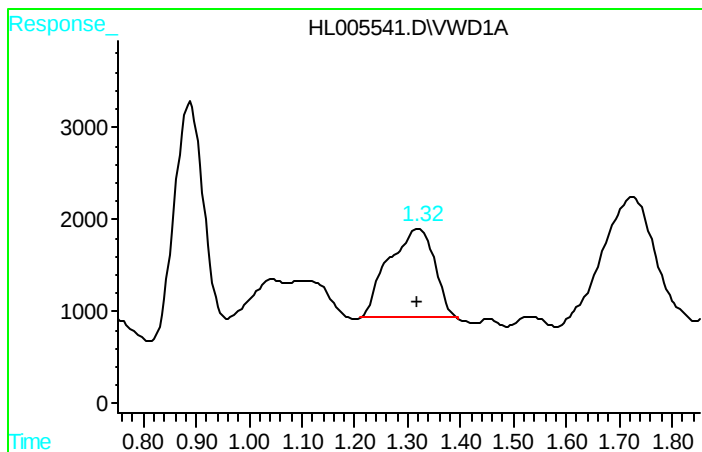
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7/12/2013 11:17:01 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL071113.M
Title :
Last Update : Thu Jul 11 20:47:47 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





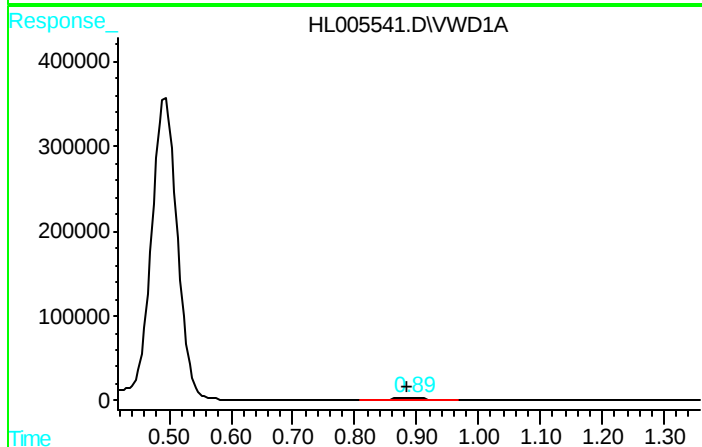
#1 4-Nitroaniline

R.T.: 1.318 min
Delta R.T.: 0.000 min
Response: 56796
Conc: 13.91 ug/L m

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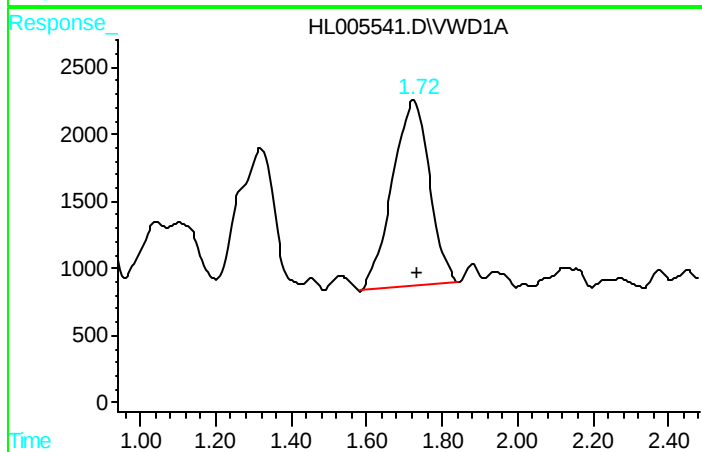
Manual Integrations
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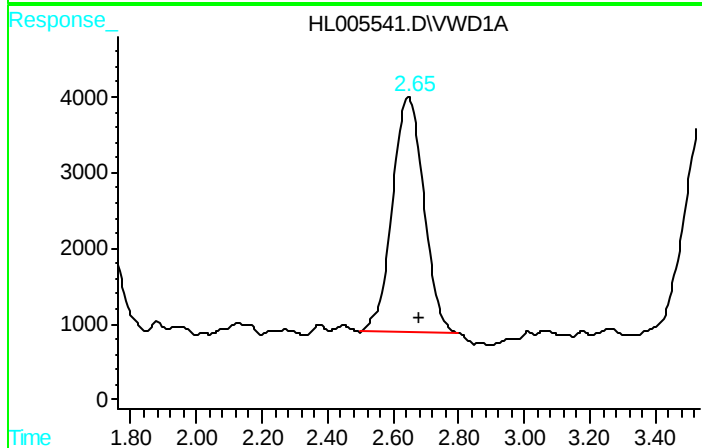
#2 HMX

R.T.: 0.889 min
Delta R.T.: 0.005 min
Response: 90140
Conc: 19.96 ug/L



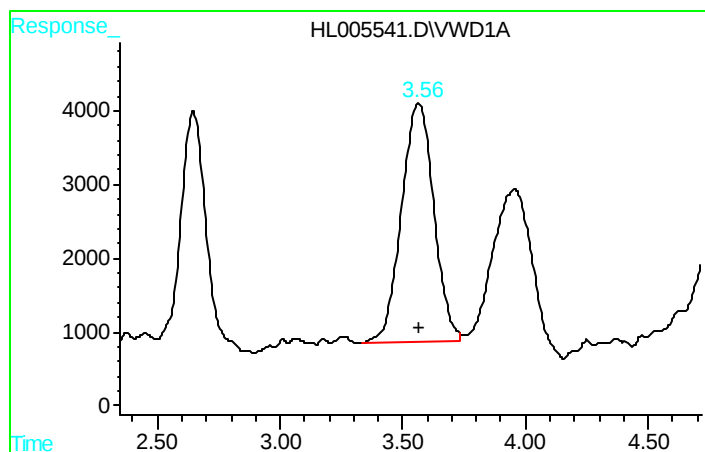
#3 RDX

R.T.: 1.724 min
Delta R.T.: -0.009 min
Response: 95120
Conc: 18.80 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.645 min
Delta R.T.: -0.033 min
Response: 208109
Conc: 18.65 ug/L m



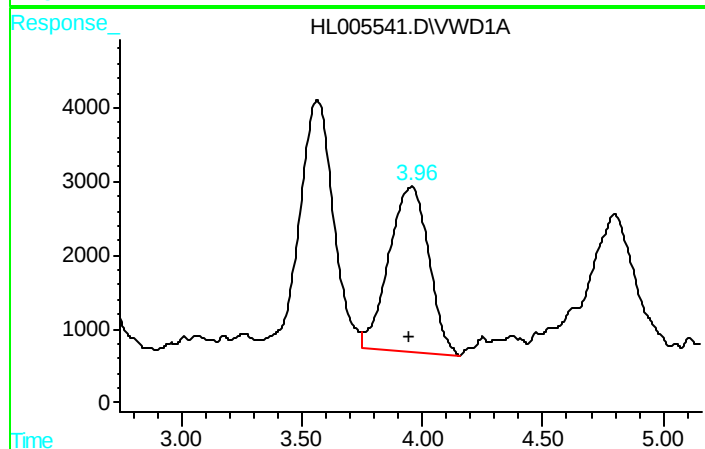
#5 1,3-Dinitrobenzene

R.T.: 3.561 min
Delta R.T.: -0.002 min
Response: 296046
Conc: 19.04 ng/ml

Instrument :
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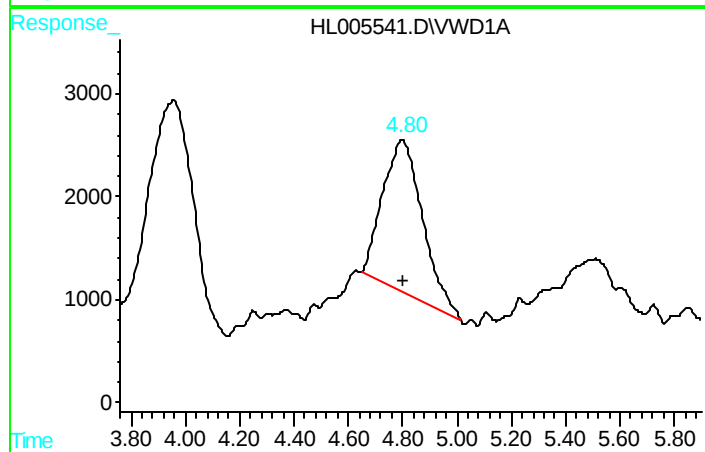
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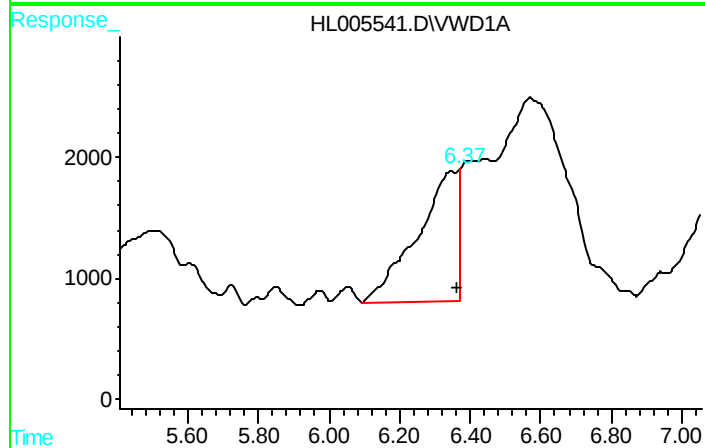
#6 3,5-Dinitroaniline

R.T.: 3.954 min
Delta R.T.: 0.008 min
Response: 256865
Conc: 18.42 ug/L



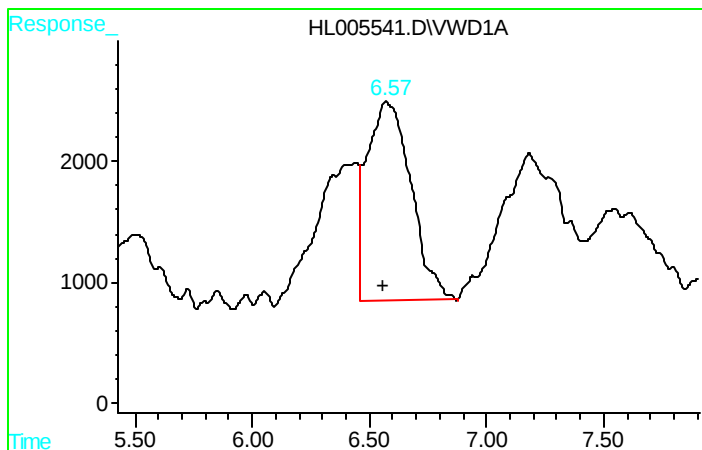
#7 Nitrobenzene

R.T.: 4.797 min
Delta R.T.: -0.008 min
Response: 149109
Conc: 15.02 ug/L m



#8 Tetryl

R.T.: 6.368 min
Delta R.T.: 0.005 min
Response: 86918
Conc: 14.38 ug/L m



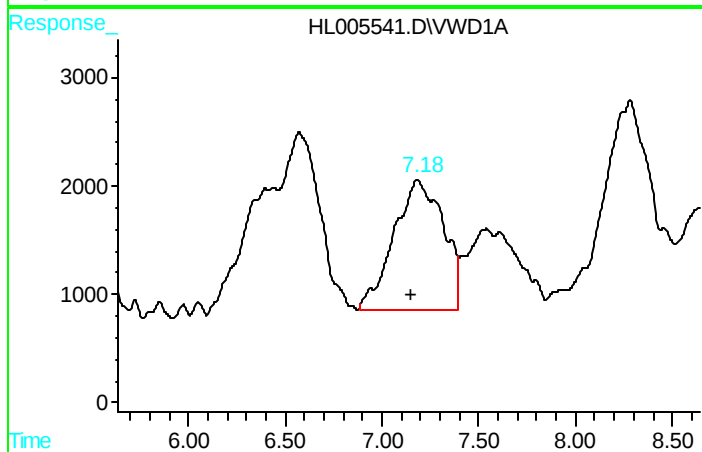
#9 2,4,6-Trinitrotoluene

R.T.: 6.569 min
Delta R.T.: 0.009 min
Response: 212069
Conc: 18.15 ug/L m

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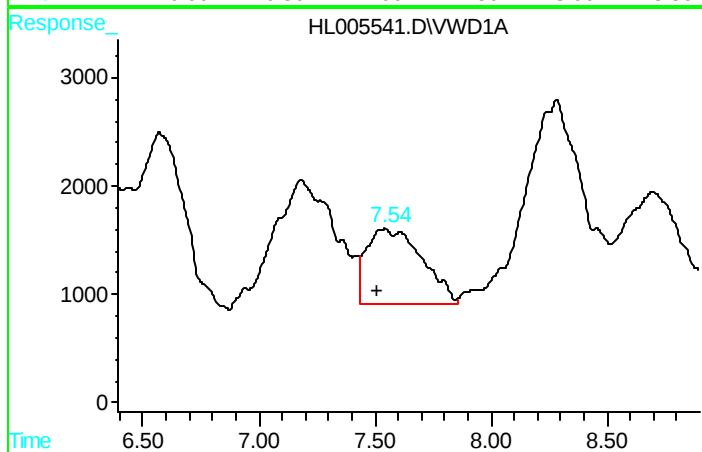
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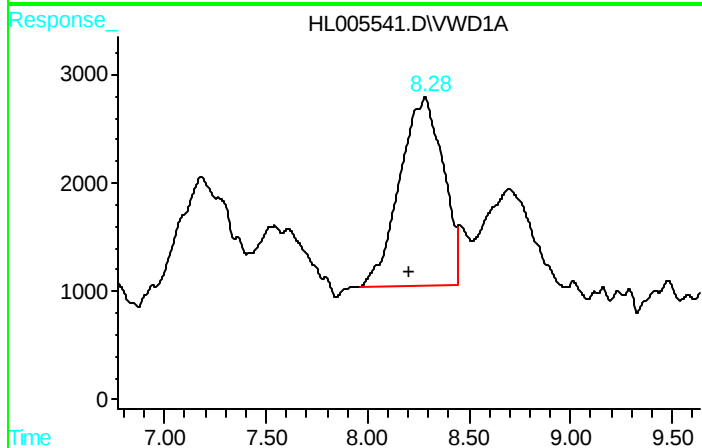
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.181 min
Delta R.T.: 0.032 min
Response: 210731
Conc: 17.94 ug/L m



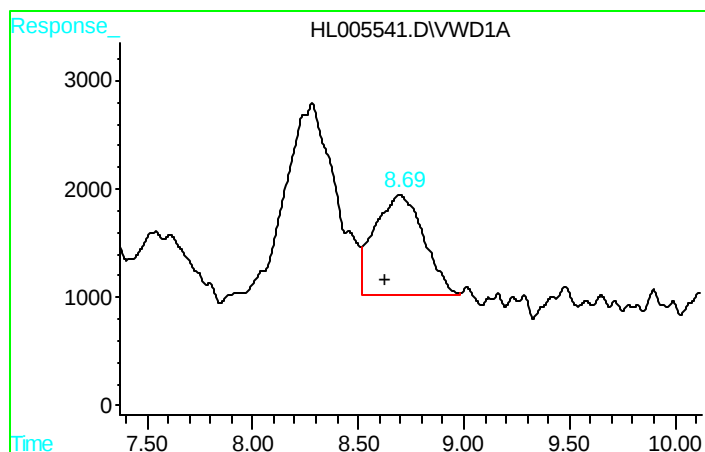
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.544 min
Delta R.T.: 0.034 min
Response: 114869
Conc: 19.94 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.282 min
Delta R.T.: 0.076 min
Response: 255783
Conc: 17.15 ug/L m



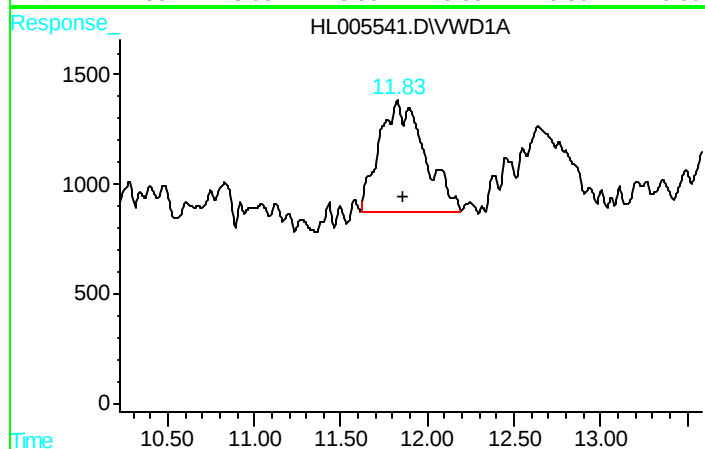
#13 2,6-Dinitrotoluene

R.T.: 8.694 min
Delta R.T.: 0.068 min
Response: 147203
Conc: 17.62 ug/L m

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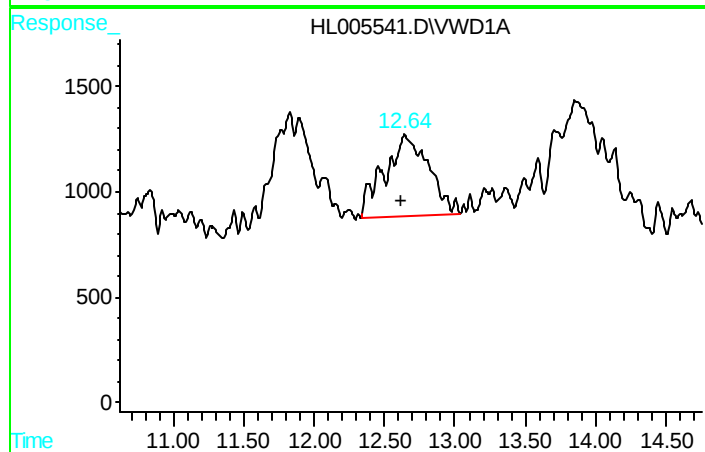
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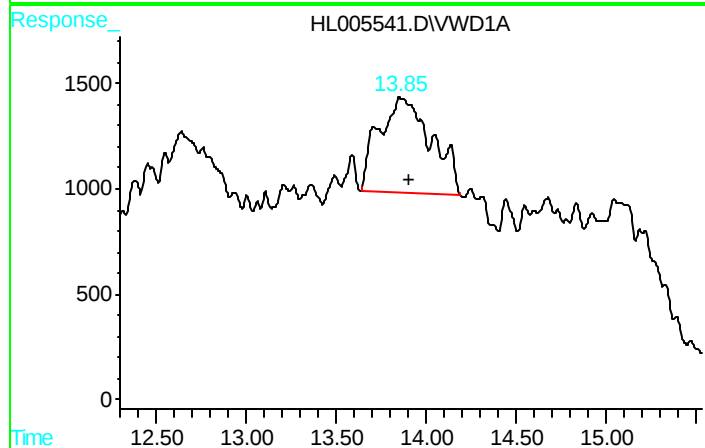
#14 2-Nitrotoluene

R.T.: 11.826 min
Delta R.T.: -0.037 min
Response: 91057
Conc: 14.24 ug/L m



#15 4-Nitrotoluene

R.T.: 12.638 min
Delta R.T.: 0.023 min
Response: 84288
Conc: 15.68 ug/L m



#16 3-Nitrotoluene

R.T.: 13.850 min
Delta R.T.: -0.048 min
Response: 91709
Conc: 13.34 ug/L m