

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL052213\HL005269.D Vial: 32
 Acq On : 22-May-2013, 14:08 Operator: QM
 Sample : HSTDICC0020 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: May 23 10:01 2013 Quant Results File: HL052213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC0020

Manual Integrations
 APPROVED

mohammad
 5/31/2013 5:15:07 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL052213.M
 Title :
 Last Update : Thu May 23 09:46:47 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
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System Monitoring Compounds

Target Compounds

2) T	HMX	0.89	93243	17.729 ug/L m
4) T	1,3,5-Trinitrobenzene	2.65	218439	20.184 ug/L
5) T	1,3-Dinitrobenzene	3.51	301301	19.343 ng/mlm
6) T	3,5-Dinitroaniline	3.86	296004	21.876 ug/L
7) T	Nitrobenzene	4.72	233970	23.457 ug/L
8) T	Tetryl	6.18	136720	19.674 ug/L m
9) T	2,4,6-Trinitrotoluene	6.44	225569	20.404 ug/L m
10) T	2-Amino-4,6-dinitrotoluene	6.93	164748	14.683 ug/L m
11) T	4-Amino-2,6-dinitrotoluene	7.36	92331	15.993 ug/L m
12) T	2,4-Dinitrotoluene	8.09	306108	20.226 ug/L m
13) T	2,6-Dinitrotoluene	8.47	177477	21.974 ug/L m
14) T	2-Nitrotoluene	11.68	158049	21.976 ug/L m
15) T	4-Nitrotoluene	12.51	109992	18.999 ug/L m
16) T	3-Nitrotoluene	13.71	110997	15.718 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.

HL005269.D HL052213.M

Thu May 23 10:46:40 2013

RPT1

Quantitation Report

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL052213\HL005269.D Vial: 32
Acq On : 22-May-2013, 14:08 Operator: QM
Sample : HSTDICC0020 Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: May 23 10:01 2013 Quant Results File: HL052213.RES

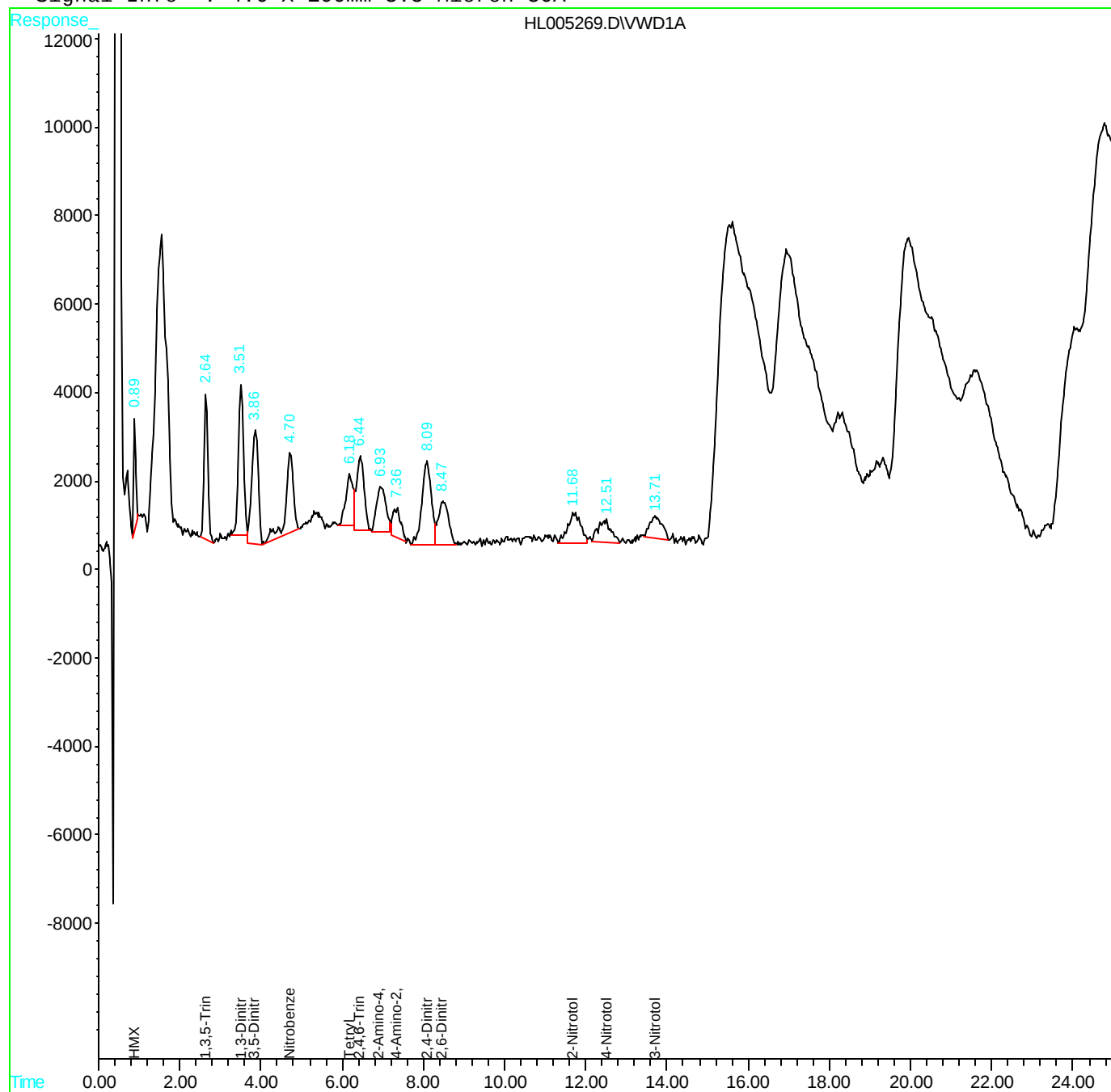
Instrument :
HPLC_L
LabSampleId :
HSTDICC0020

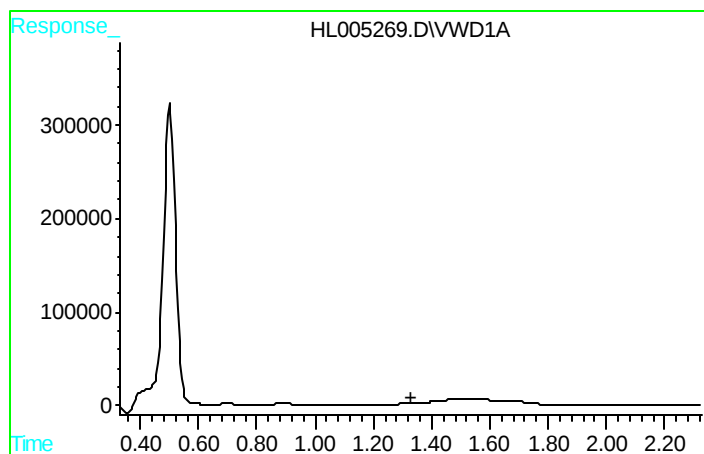
Manual Integrations
APPROVED

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5/31/2013 5:15:07 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL052213.M
Title :
Last Update : Thu May 23 09:46:47 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





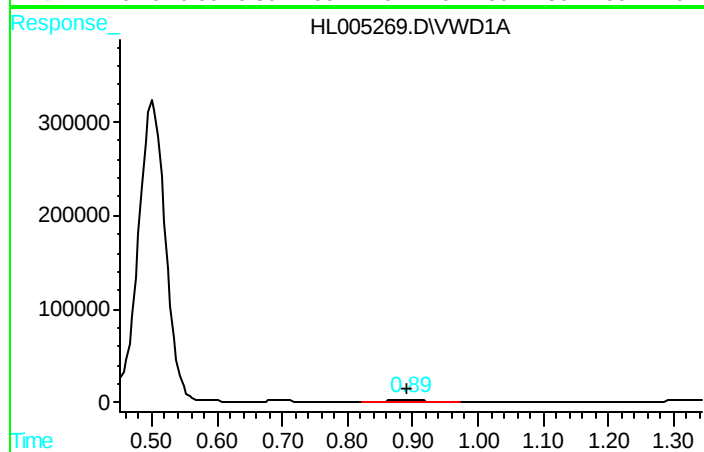
#1 4-Nitroaniline

R.T.: 0.000 min
Exp R.T.: 1.330 min
Response: 0
Conc: N.D.

Instrument :
HPLC_L
LabSampleId :
HSTDIC0020

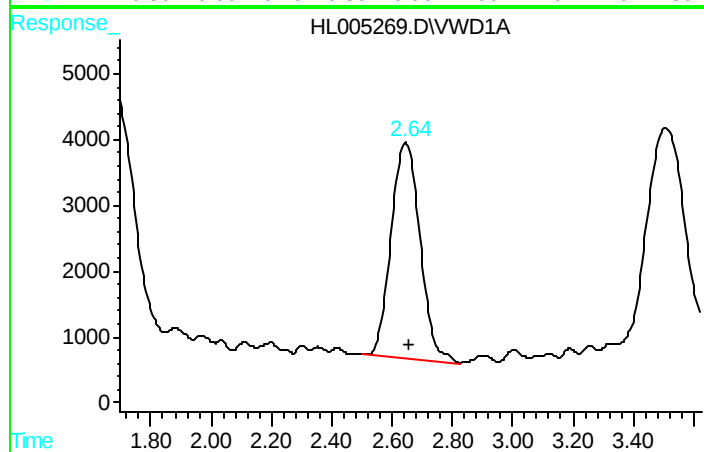
Manual Integrations
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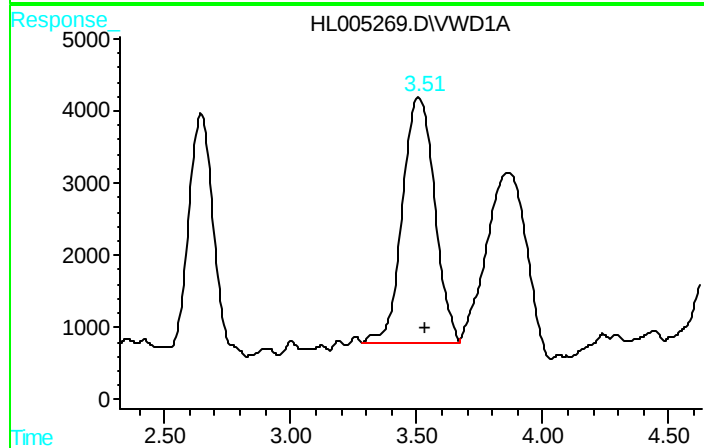
#2 HMX

R.T.: 0.887 min
Delta R.T.: -0.002 min
Response: 93243
Conc: 17.73 ug/L m



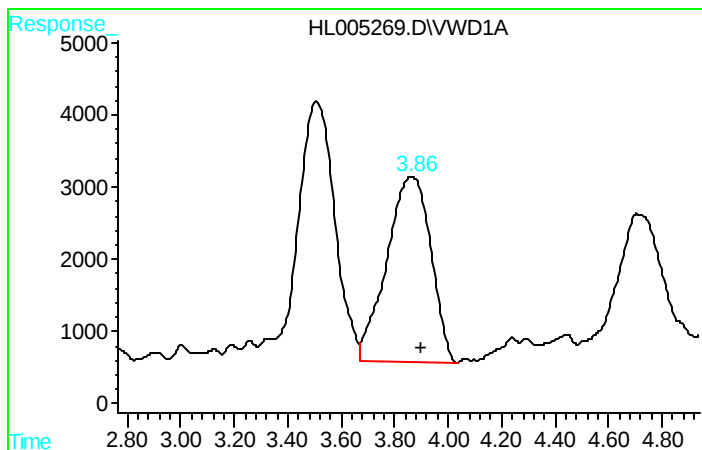
#4 1,3,5-Trinitrobenzene

R.T.: 2.646 min
Delta R.T.: -0.012 min
Response: 218439
Conc: 20.18 ug/L



#5 1,3-Dinitrobenzene

R.T.: 3.505 min
Delta R.T.: -0.025 min
Response: 301301
Conc: 19.34 ng/ml m



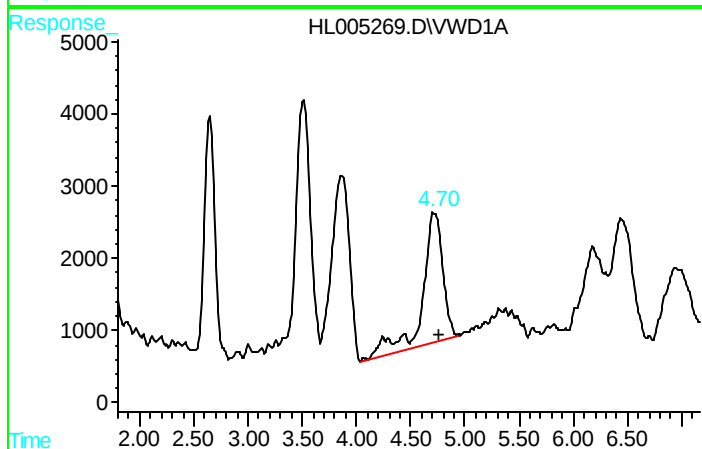
#6 3,5-Dinitroaniline

R.T.: 3.864 min
Delta R.T.: -0.035 min
Response: 296004
Conc: 21.88 ug/L

Instrument :
HPLC_L
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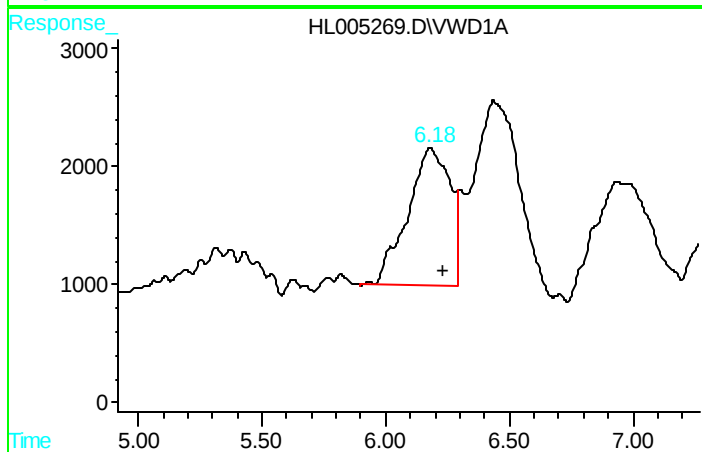
Manual Integrations
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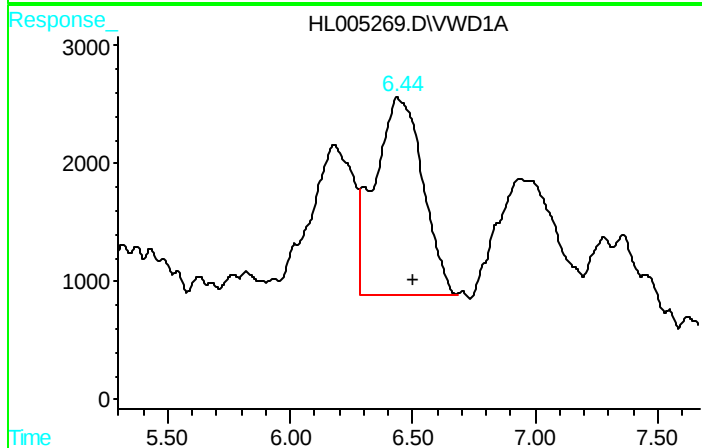
#7 Nitrobenzene

R.T.: 4.717 min
Delta R.T.: -0.048 min
Response: 233970
Conc: 23.46 ug/L



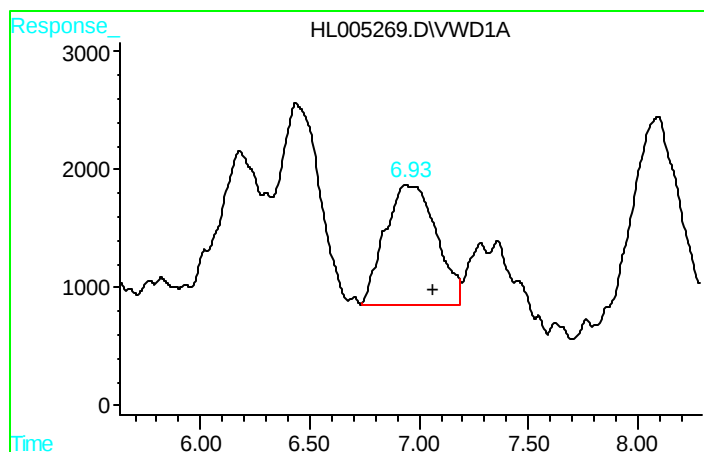
#8 Tetryl

R.T.: 6.178 min
Delta R.T.: -0.052 min
Response: 136720
Conc: 19.67 ug/L m



#9 2,4,6-Trinitrotoluene

R.T.: 6.435 min
Delta R.T.: -0.069 min
Response: 225569
Conc: 20.40 ug/L m



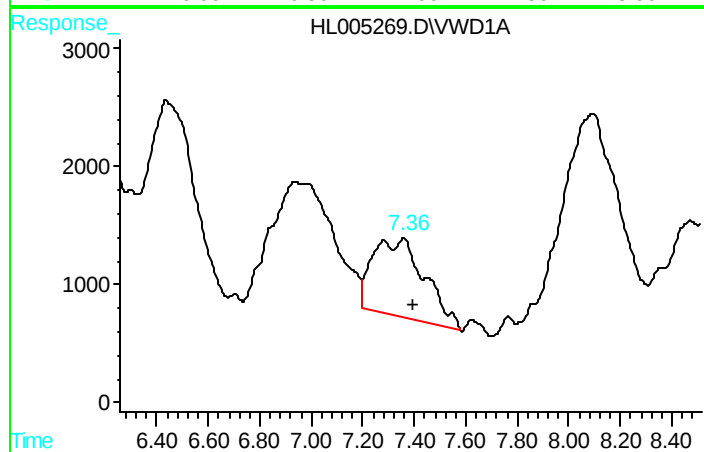
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.933 min
Delta R.T.: -0.133 min
Response: 164748
Conc: 14.68 ug/L m

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HSTDICC0020

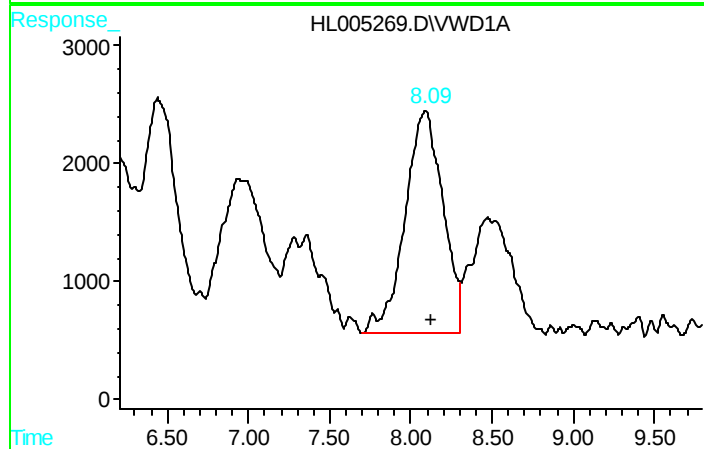
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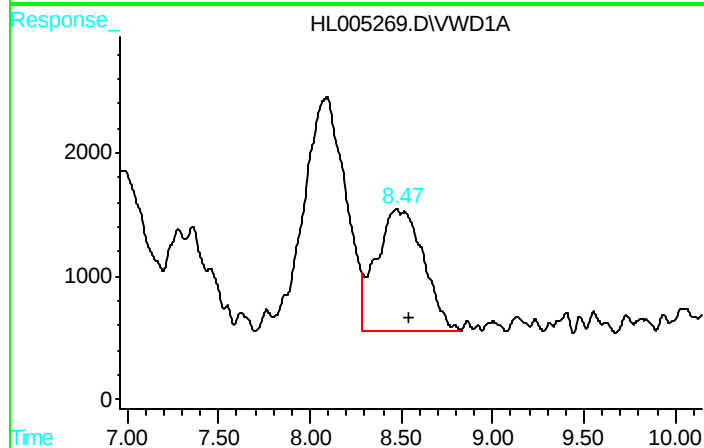
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.358 min
Delta R.T.: -0.038 min
Response: 92331
Conc: 15.99 ug/L m



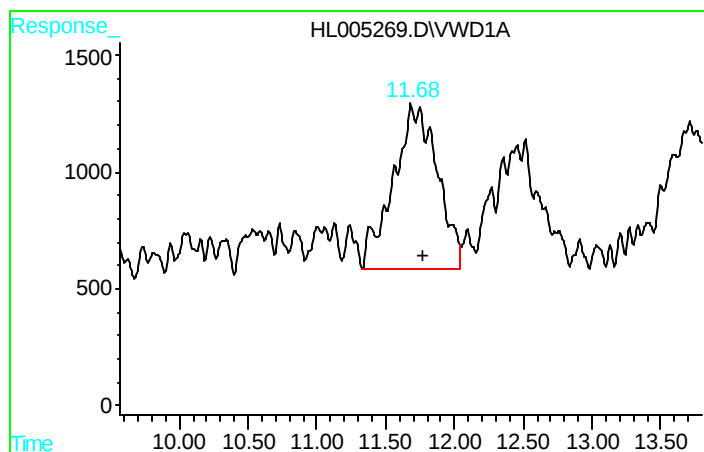
#12 2,4-Dinitrotoluene

R.T.: 8.091 min
Delta R.T.: -0.032 min
Response: 306108
Conc: 20.23 ug/L m



#13 2,6-Dinitrotoluene

R.T.: 8.472 min
Delta R.T.: -0.067 min
Response: 177477
Conc: 21.97 ug/L m



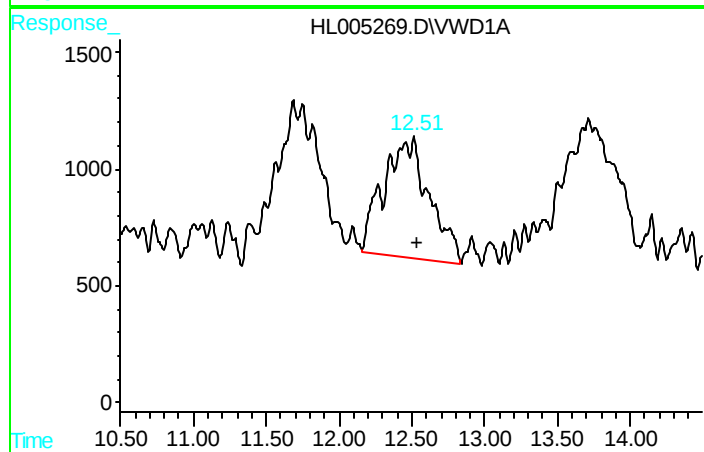
#14 2-Nitrotoluene

R.T.: 11.684 min
Delta R.T.: -0.094 min
Response: 158049
Conc: 21.98 ug/L m

Instrument :
HPLC_L
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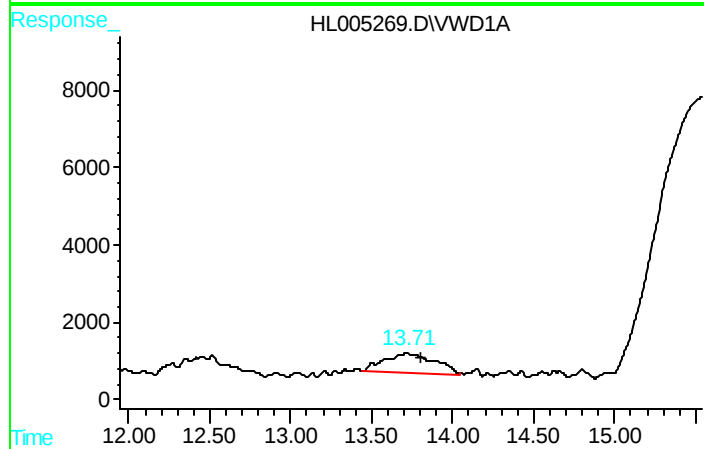
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#15 4-Nitrotoluene

R.T.: 12.515 min
Delta R.T.: -0.016 min
Response: 109992
Conc: 19.00 ug/L m



#16 3-Nitrotoluene

R.T.: 13.713 min
Delta R.T.: -0.094 min
Response: 110997
Conc: 15.72 ug/L m