

Data File : S:\HPCHEM1\HPLC_L\DATA\HL102113\HL005626.D Vial: 1
 Acq On : 22-Oct-2013, 02:13 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Oct 22 7:34 2013 Quant Results File: HL102113.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

QI
 10/22/2013 11:54:50 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
 Title :
 Last Update : Tue Oct 22 06:43:54 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	1.65	2009643	510.401 ug/L
Target Compounds			
2) T HMX	1.08	2044705	454.031 ug/L
3) T RDX	2.13	2723329	506.495 ug/L m
4) T 1,3,5-Trinitrobenzene	3.36	5938934	538.964 ug/L
5) T 1,3-Dinitrobenzene	4.57	9799822	545.439 ng/ml
6) T 3,5-Dinitroaniline	5.17	7445688	529.578 ug/L
7) T Nitrobenzene	6.18	5059789	473.678 ug/L m
8) T Tetryl	9.06	3283627	520.933 ug/L m
9) T 2,4,6-Trinitrotoluene	9.11	5689711	491.079 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	10.06	4682037	442.188 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	10.77	3130283	508.188 ug/L m
12) T 2,4-Dinitrotoluene	11.41	7464355	494.454 ug/L m
13) T 2,6-Dinitrotoluene	12.10	3780565	530.075 ug/L m
14) T 2-Nitrotoluene	16.53	11923764	649.404 ug/L m
15) T 4-Nitrotoluene	17.64	6740783	516.856 ug/L m
16) T 3-Nitrotoluene	19.41	9383545	487.596 ug/L m
17) T PETN	23.53f	3260831	147.422 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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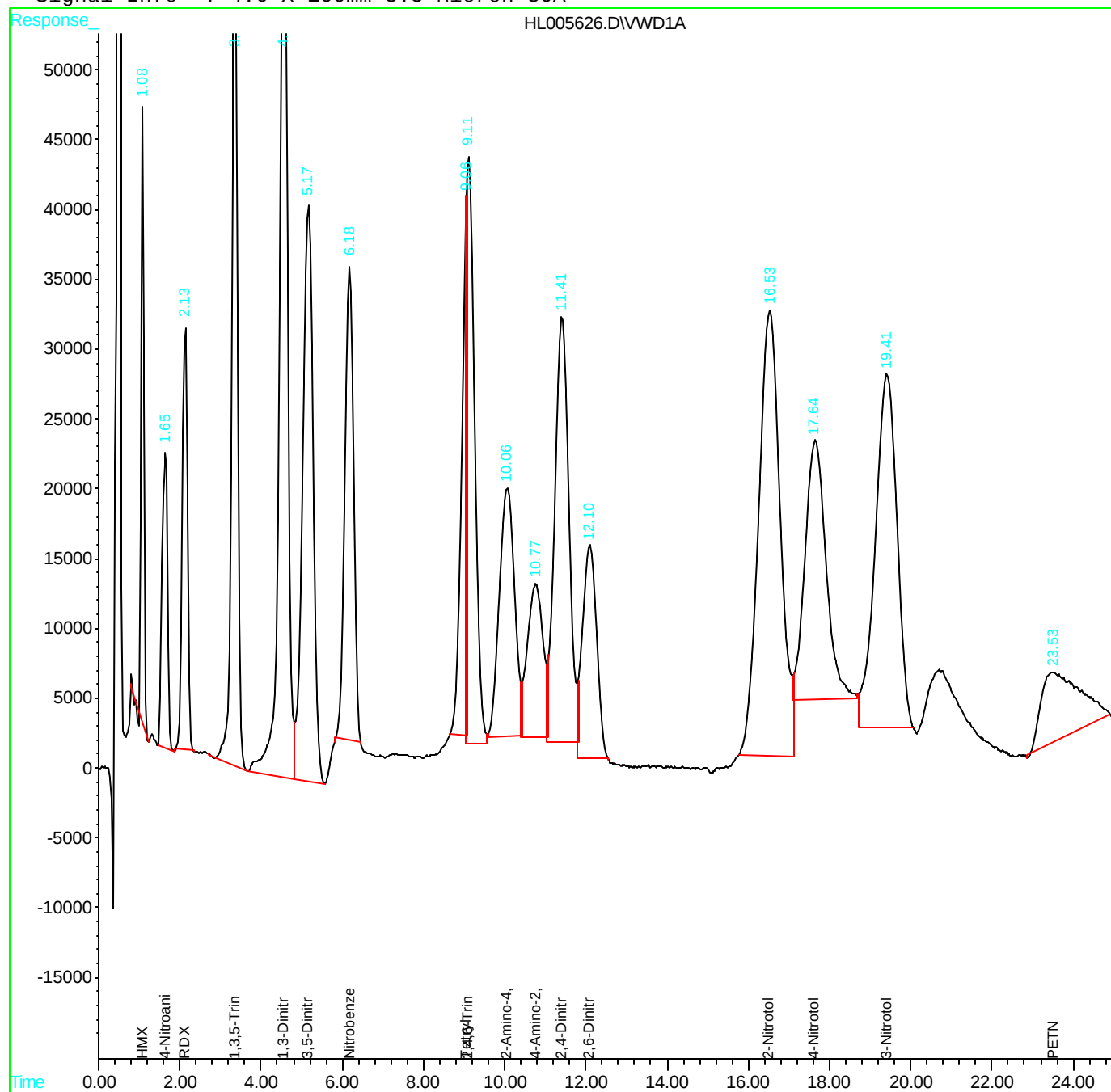
Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

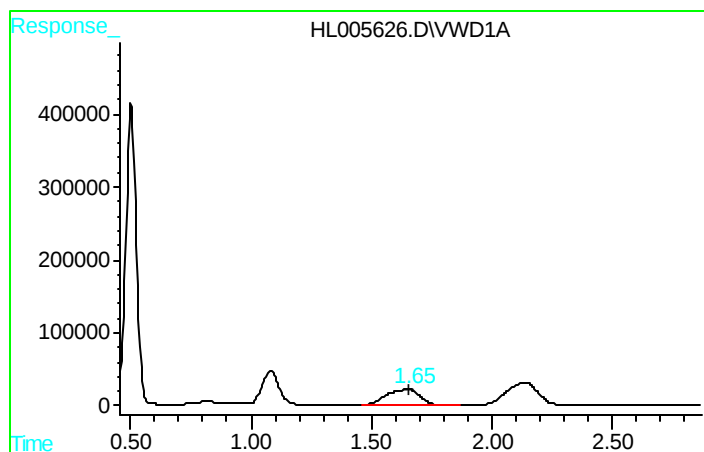
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
 Title :
 Last Update : Tue Oct 22 06:43:54 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





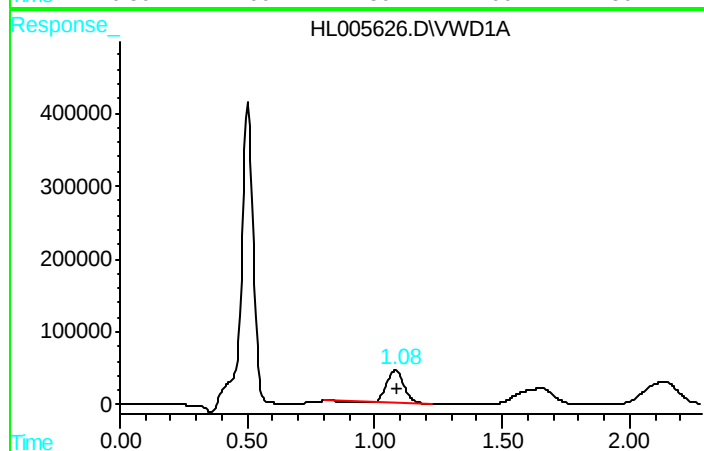
#1 4-Nitroaniline

R.T.: 1.649 min
Delta R.T.: -0.010 min
Response: 2009643
Conc: 510.40 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

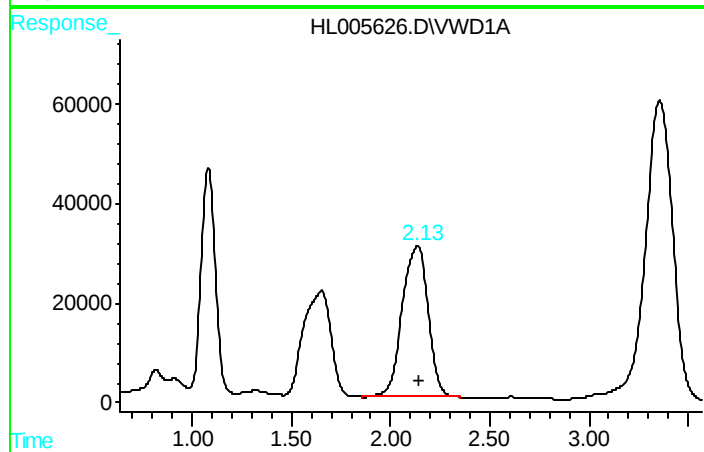
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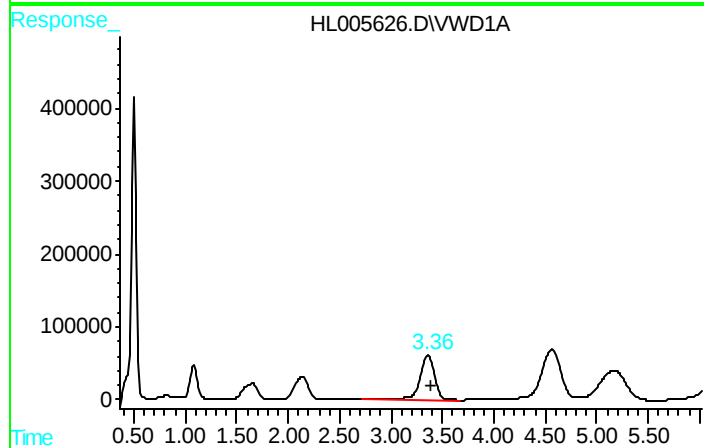
#2 HMX

R.T.: 1.082 min
Delta R.T.: -0.006 min
Response: 2044705
Conc: 454.03 ug/L



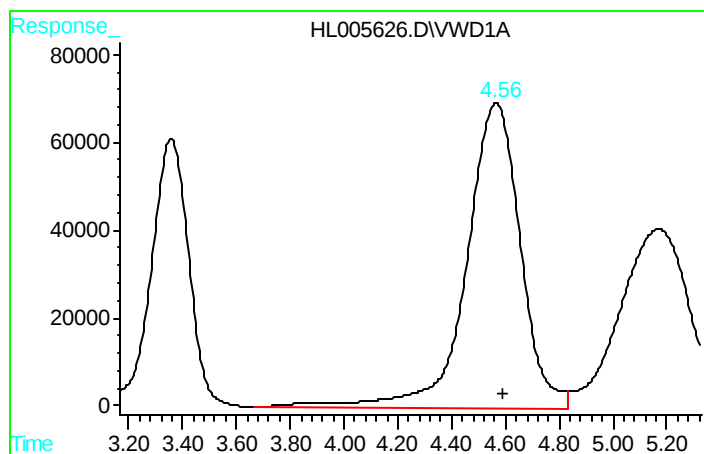
#3 RDX

R.T.: 2.134 min
Delta R.T.: -0.010 min
Response: 2723329
Conc: 506.49 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 3.358 min
Delta R.T.: -0.027 min
Response: 5938934
Conc: 538.96 ug/L



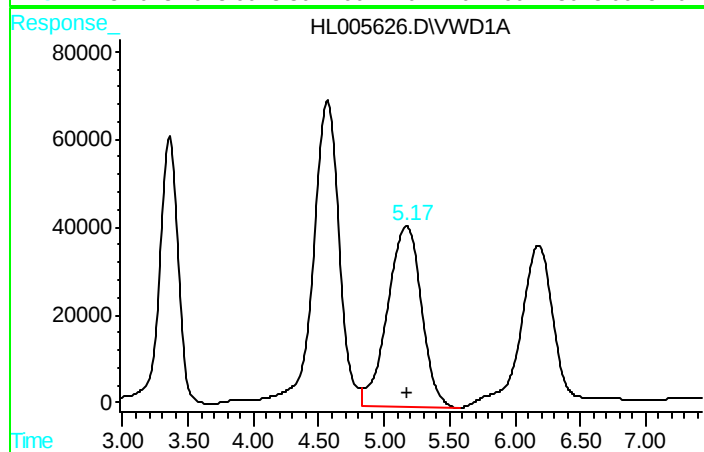
#5 1,3-Dinitrobenzene

R.T.: 4.565 min
Delta R.T.: -0.021 min
Response: 9799822
Conc: 545.44 ng/ml

Instrument :
HPLC_L
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HSTDCCC0500

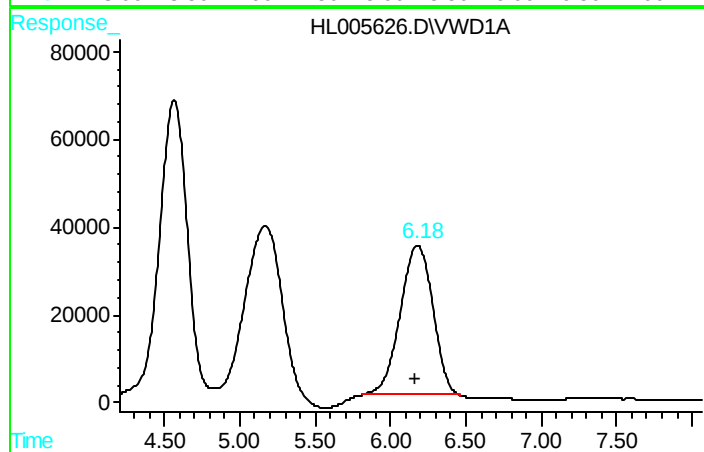
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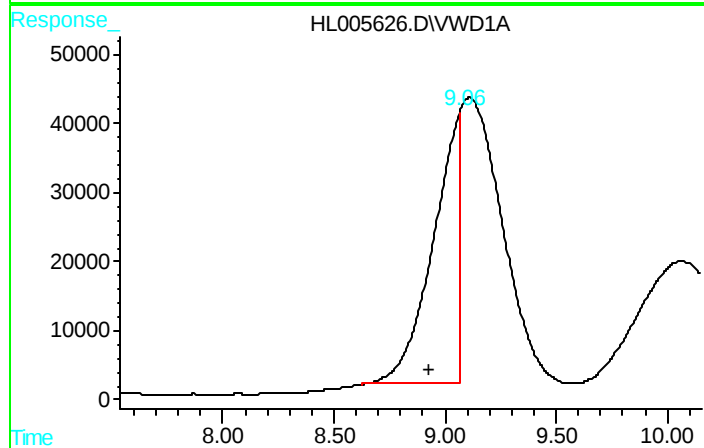
#6 3,5-Dinitroaniline

R.T.: 5.170 min
Delta R.T.: -0.008 min
Response: 7445688
Conc: 529.58 ug/L



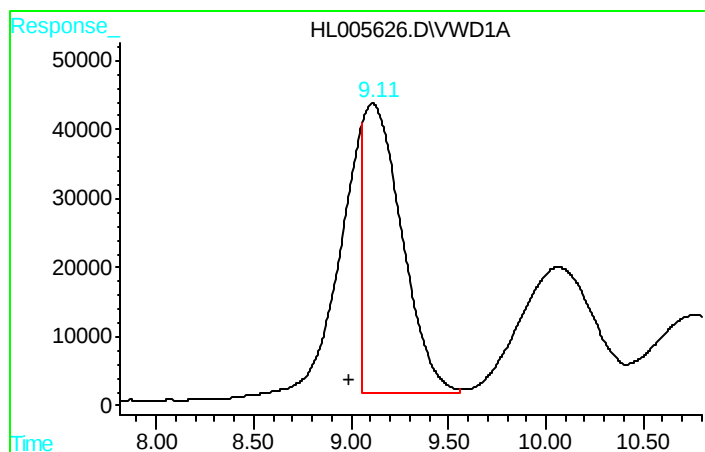
#7 Nitrobenzene

R.T.: 6.178 min
Delta R.T.: 0.014 min
Response: 5059789
Conc: 473.68 ug/L m



#8 Tetryl

R.T.: 9.065 min
Delta R.T.: 0.141 min
Response: 3283627
Conc: 520.93 ug/L m



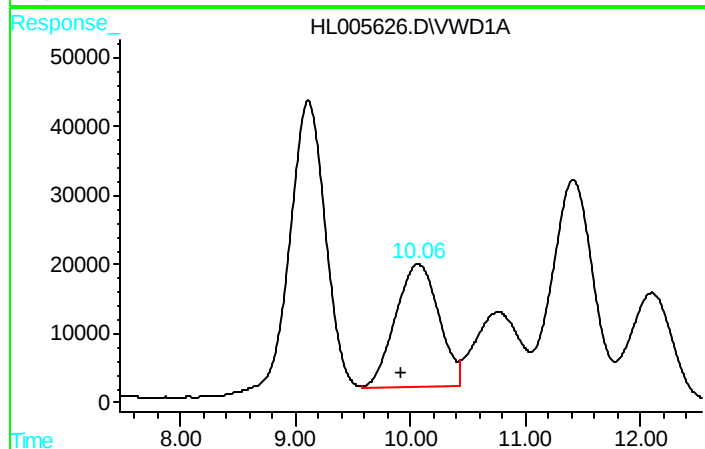
#9 2,4,6-Trinitrotoluene

R.T.: 9.110 min
Delta R.T.: 0.121 min
Response: 5689711
Conc: 491.08 ug/L m

Instrument :
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LabSampleId :
HSTDCCC0500

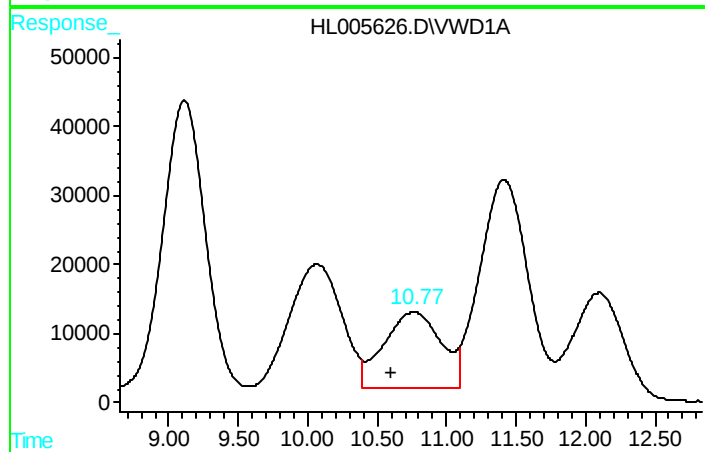
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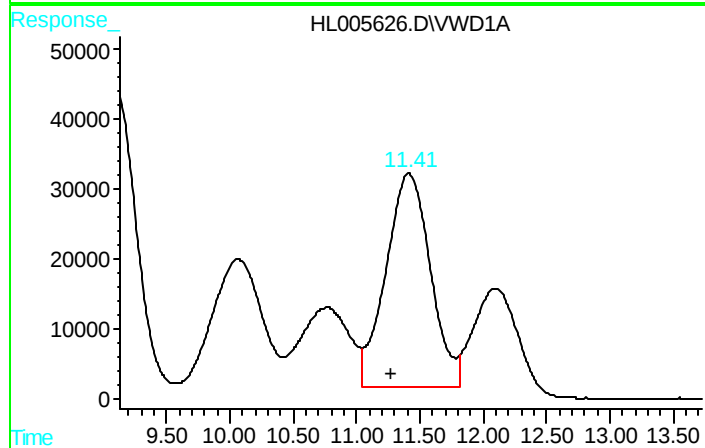
#10 2-Amino-4,6-dinitrotoluene

R.T.: 10.059 min
Delta R.T.: 0.142 min
Response: 4682037
Conc: 442.19 ug/L m



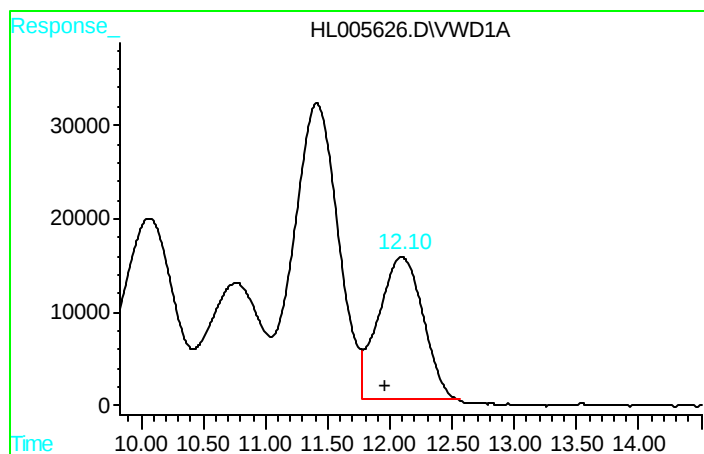
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.772 min
Delta R.T.: 0.173 min
Response: 3130283
Conc: 508.19 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 11.408 min
Delta R.T.: 0.143 min
Response: 7464355
Conc: 494.45 ug/L m



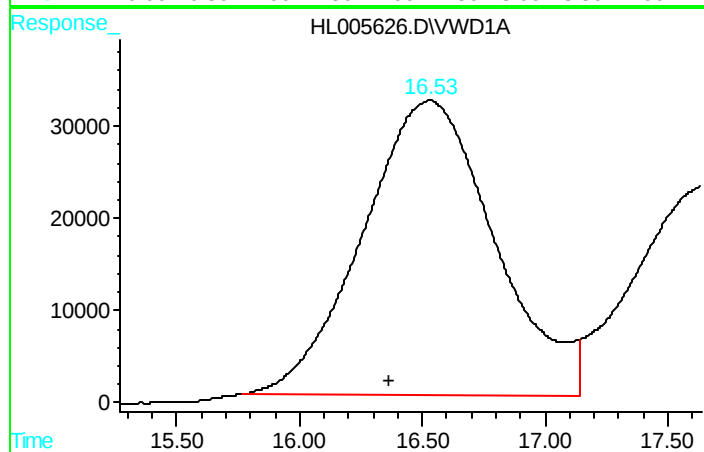
#13 2,6-Dinitrotoluene

R.T.: 12.099 min
Delta R.T.: 0.141 min
Response: 3780565
Conc: 530.08 ug/L m

Instrument :
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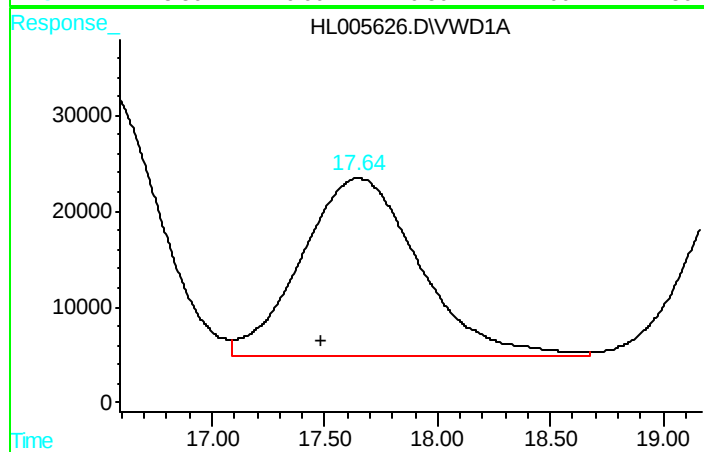
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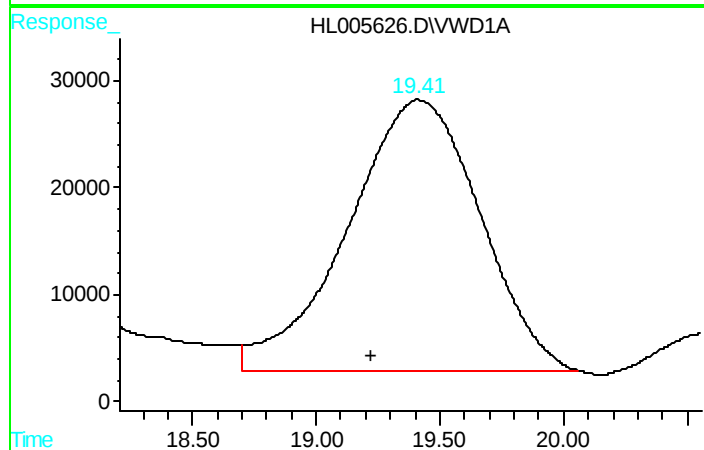
#14 2-Nitrotoluene

R.T.: 16.529 min
Delta R.T.: 0.164 min
Response: 11923764
Conc: 649.40 ug/L m



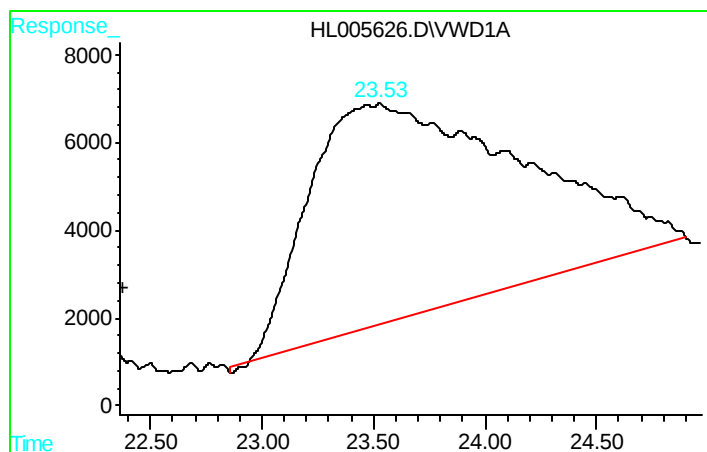
#15 4-Nitrotoluene

R.T.: 17.641 min
Delta R.T.: 0.162 min
Response: 6740783
Conc: 516.86 ug/L m



#16 3-Nitrotoluene

R.T.: 19.406 min
Delta R.T.: 0.184 min
Response: 9383545
Conc: 487.60 ug/L m



#17 PETN

R.T.: 23.527 min
Delta R.T.: 1.150 min
Response: 3260831
Conc: 147.42 ug/L m

Instrument :
HPLC_L
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