

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL100413\HL005588.D Vial: 4
 Acq On : 04-Oct-2013, 13:22 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Oct 7 18:53 2013 Quant Results File: HL100413.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

mohammad
 10/9/2013 3:42:02 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL100413.M
 Title :
 Last Update : Mon Oct 07 18:32:16 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	1.30	2116603	460.354 ug/L m
Target Compounds			
2) T HMX	0.88	2115763	476.102 ug/L m
3) T RDX	1.71	2800160	487.599 ug/L m
4) T 1,3,5-Trinitrobenzene	2.62	5791957	491.919 ug/L m
5) T 1,3-Dinitrobenzene	3.50	8767090	489.025 ng/mlm
6) T 3,5-Dinitroaniline	3.90	6987853	511.324 ug/L m
7) T Nitrobenzene	4.68	5356916	483.492 ug/L m
8) T Tetryl	6.21	3060160	520.532 ug/L m
9) T 2,4,6-Trinitrotoluene	6.39	6844189	530.054 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.04	5042183	402.243 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.39	2579442	414.513 ug/L m
12) T 2,4-Dinitrotoluene	8.04	6860722	411.254 ug/L m
13) T 2,6-Dinitrotoluene	8.44	3592711	483.848 ug/L m
14) T 2-Nitrotoluene	11.54	3192516	454.087 ug/L m
15) T 4-Nitrotoluene	12.26	2487155	453.188 ug/L m
16) T 3-Nitrotoluene	13.58	3089072	456.166 ug/L m
17) T PETN	19.24	5944727	399.769 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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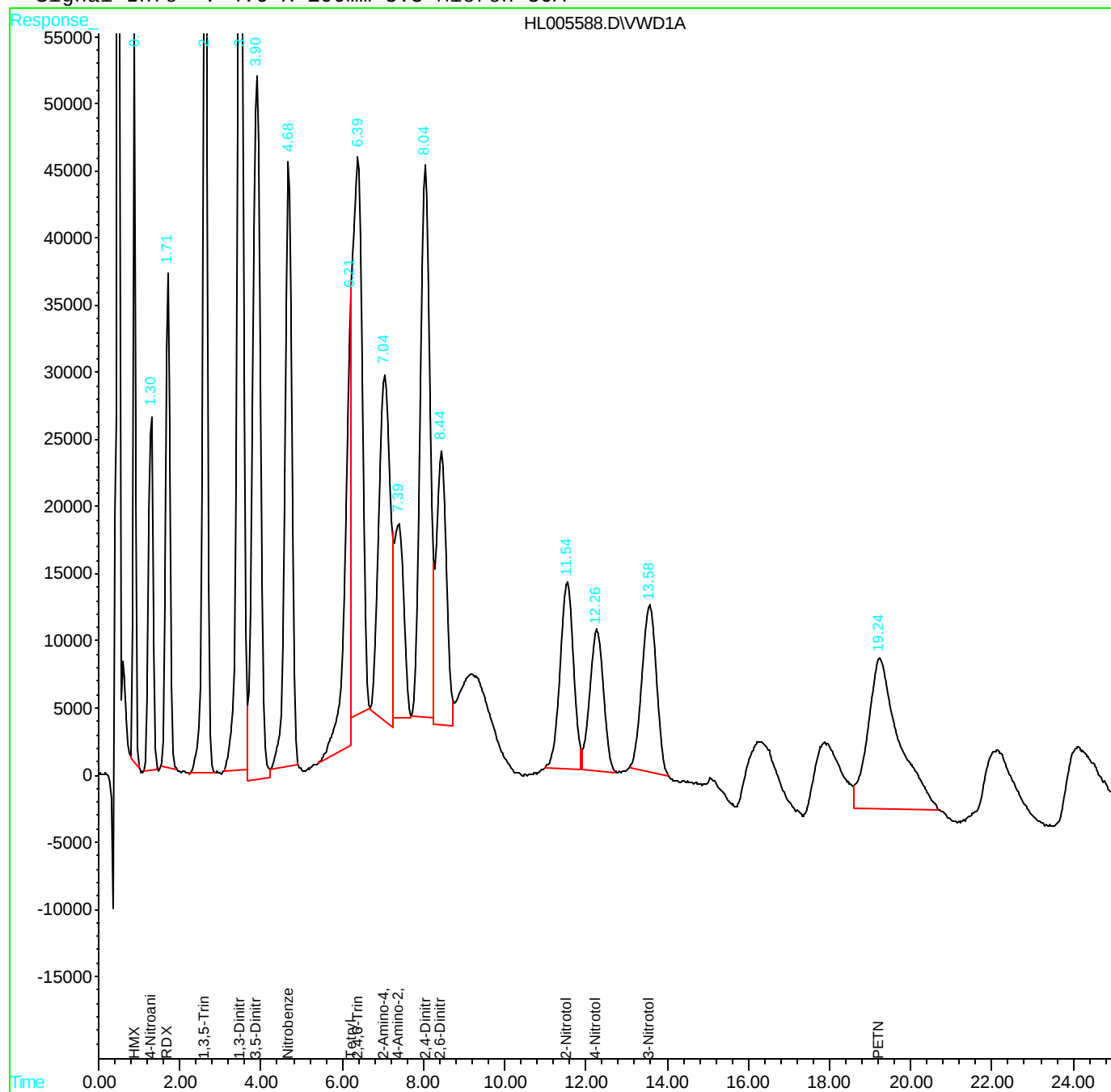
Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

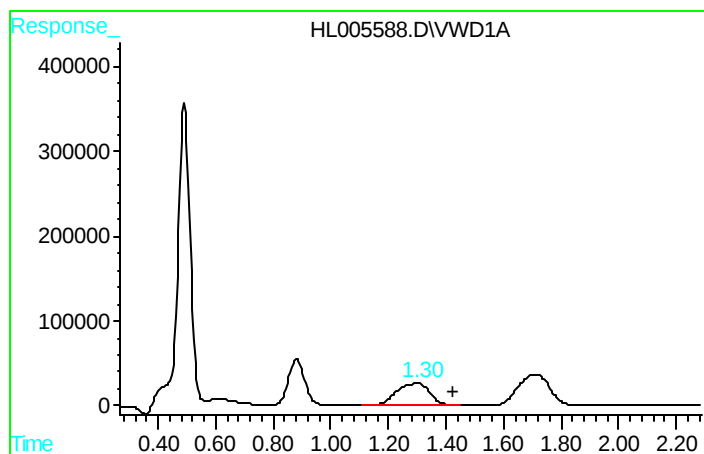
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL100413.M
 Title :
 Last Update : Mon Oct 07 18:32:16 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





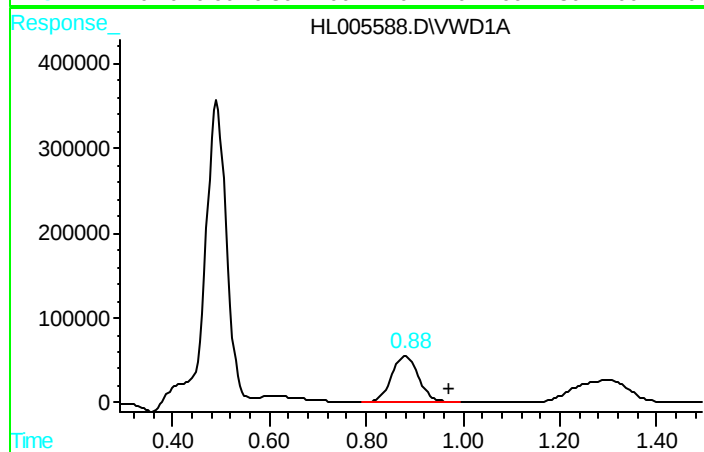
#1 4-Nitroaniline

R.T.: 1.299 min
 Delta R.T.: -0.123 min
 Response: 2116603
 Conc: 460.35 ug/L m

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

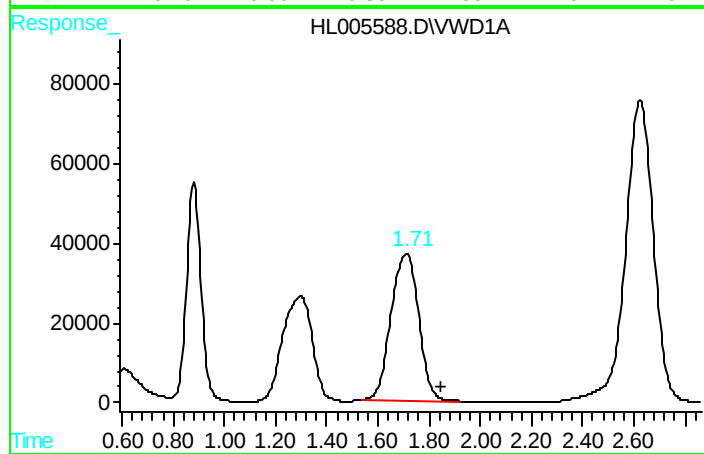
Manual Integrations
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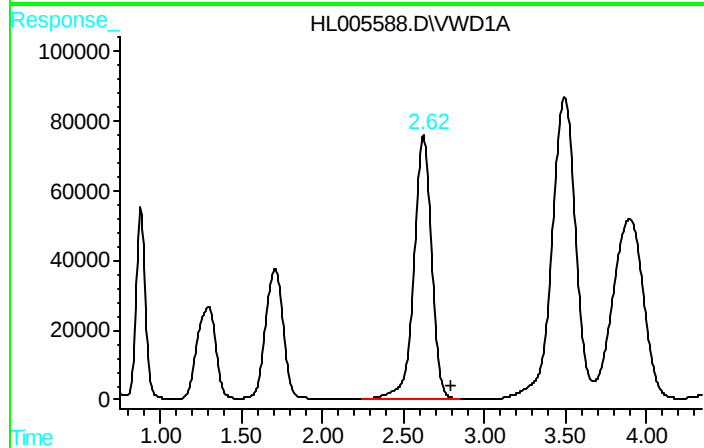
#2 HMX

R.T.: 0.880 min
 Delta R.T.: -0.092 min
 Response: 2115763
 Conc: 476.10 ug/L m



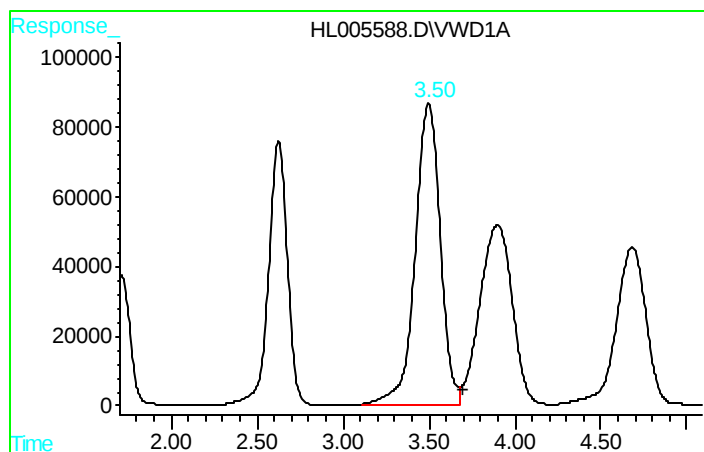
#3 RDX

R.T.: 1.710 min
 Delta R.T.: -0.138 min
 Response: 2800160
 Conc: 487.60 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.624 min
 Delta R.T.: -0.168 min
 Response: 5791957
 Conc: 491.92 ug/L m



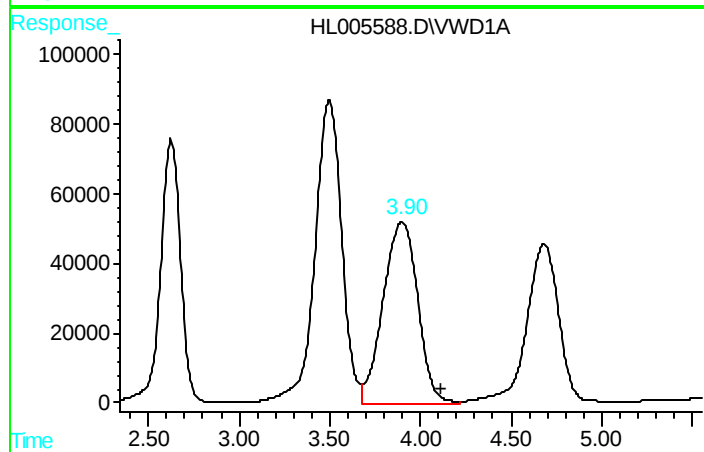
#5 1,3-Dinitrobenzene

R.T.: 3.496 min
Delta R.T.: -0.197 min
Response: 8767090
Conc: 489.02 ng/ml

Instrument :
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HSTDCCC0500

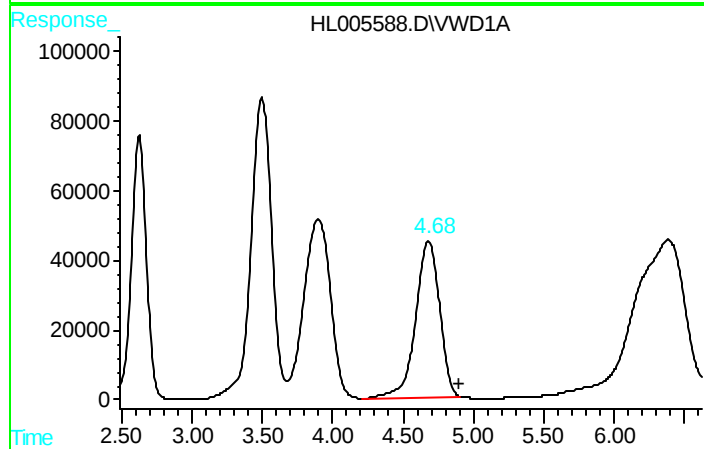
Manual Integrations
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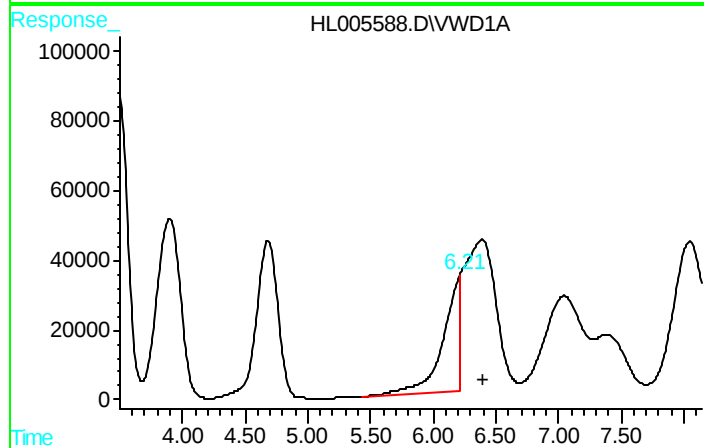
#6 3,5-Dinitroaniline

R.T.: 3.898 min
Delta R.T.: -0.212 min
Response: 6987853
Conc: 511.32 ug/L m



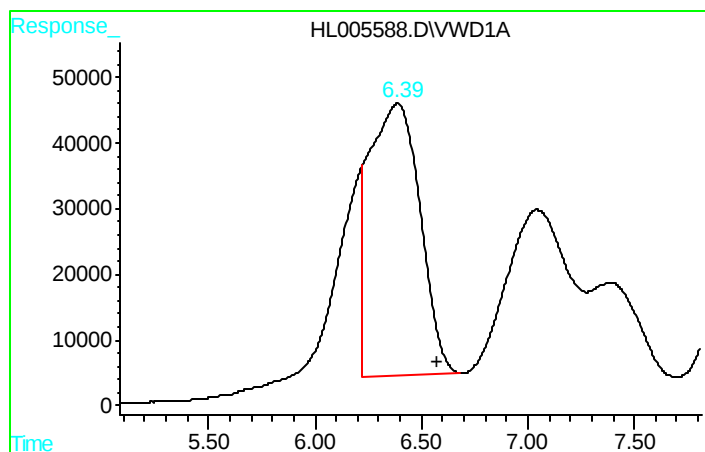
#7 Nitrobenzene

R.T.: 4.680 min
Delta R.T.: -0.221 min
Response: 5356916
Conc: 483.49 ug/L m



#8 Tetryl

R.T.: 6.208 min
Delta R.T.: -0.184 min
Response: 3060160
Conc: 520.53 ug/L m



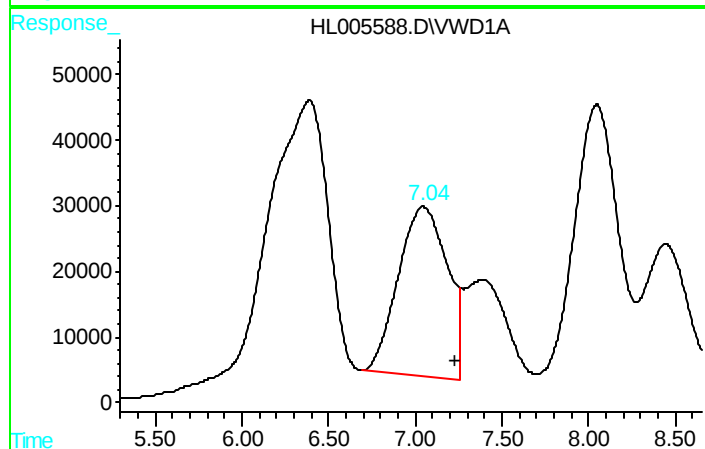
#9 2,4,6-Trinitrotoluene

R.T.: 6.387 min
Delta R.T.: -0.189 min
Response: 6844189
Conc: 530.05 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

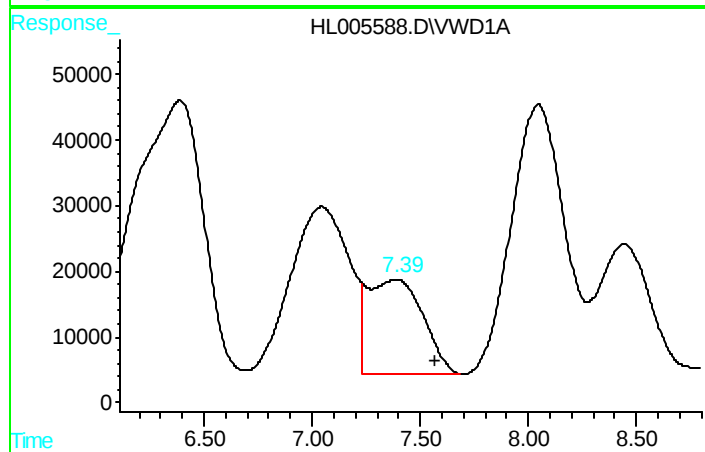
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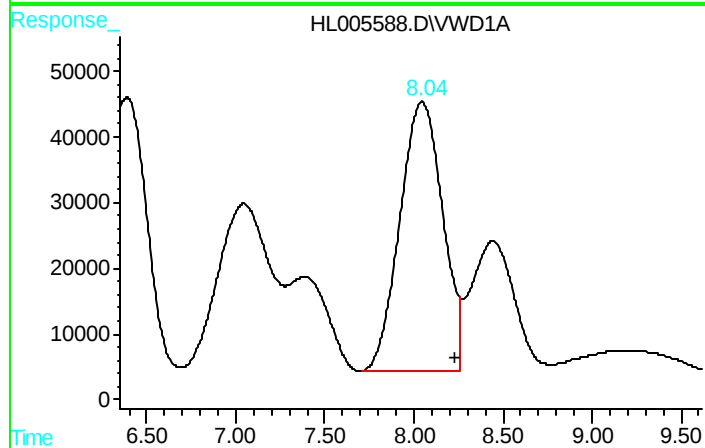
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.042 min
Delta R.T.: -0.189 min
Response: 5042183
Conc: 402.24 ug/L m



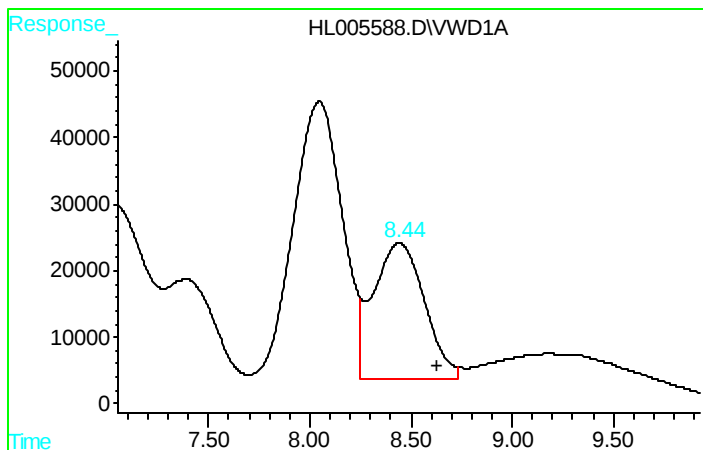
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.391 min
Delta R.T.: -0.178 min
Response: 2579442
Conc: 414.51 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.045 min
Delta R.T.: -0.186 min
Response: 6860722
Conc: 411.25 ug/L m



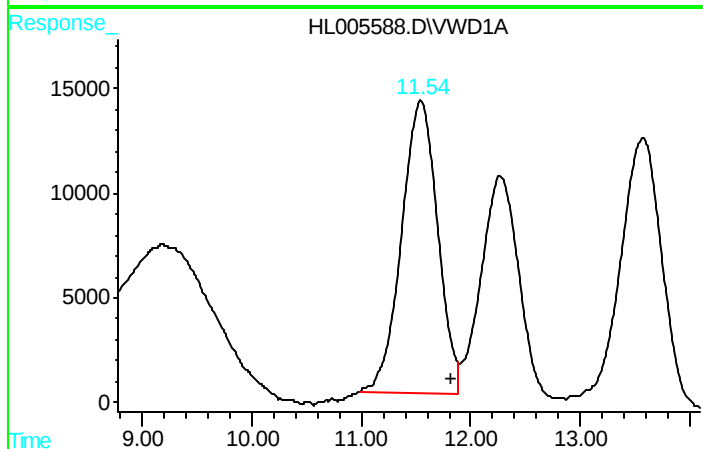
#13 2,6-Dinitrotoluene

R.T.: 8.441 min
Delta R.T.: -0.184 min
Response: 3592711
Conc: 483.85 ug/L m

Instrument :
HPLC_L
LabSampleId :
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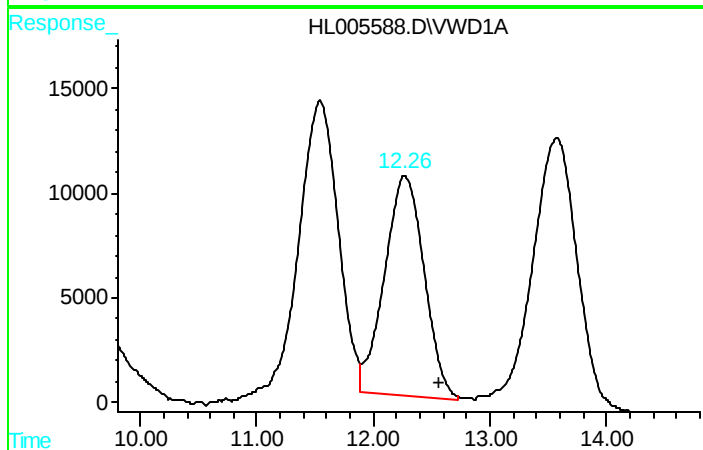
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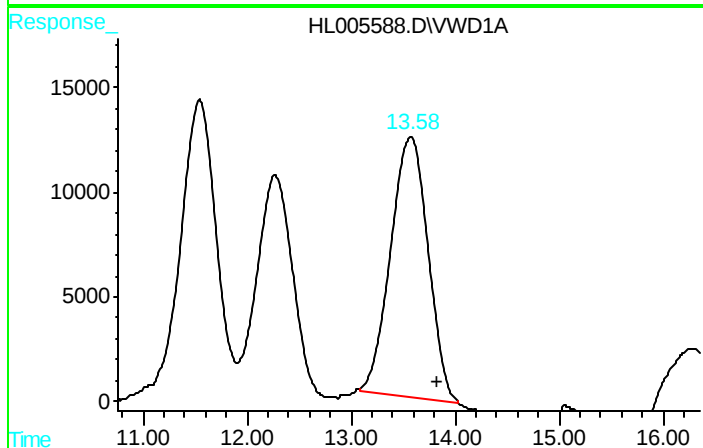
#14 2-Nitrotoluene

R.T.: 11.539 min
Delta R.T.: -0.276 min
Response: 3192516
Conc: 454.09 ug/L m



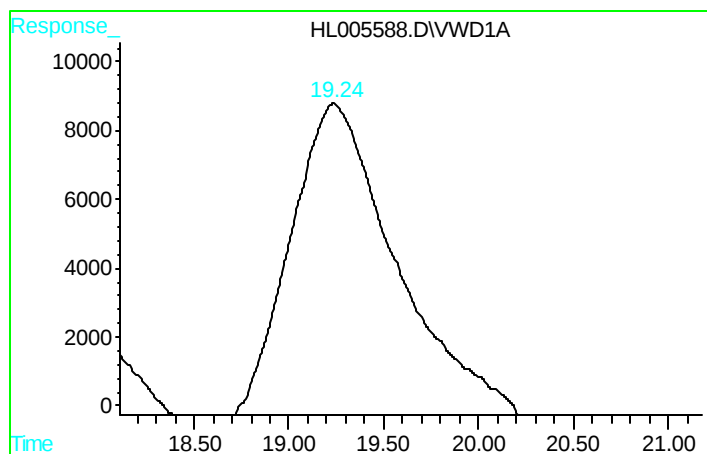
#15 4-Nitrotoluene

R.T.: 12.261 min
Delta R.T.: -0.298 min
Response: 2487155
Conc: 453.19 ug/L m



#16 3-Nitrotoluene

R.T.: 13.575 min
Delta R.T.: -0.244 min
Response: 3089072
Conc: 456.17 ug/L m



#17 PETN

R.T.: 19.237 min
Delta R.T.: -0.717 min
Response: 5944727
Conc: 399.77 ug/L m

Instrument :
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