

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070213\HL005479.D Vial: 1
 Acq On : 02-Jul-2013, 23:00 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 3 1:41 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

QI
 7/3/2013 11:27:26 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 17:40:52 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	1.33	2074909	512.342 ug/L
Target Compounds			
2) T HMX	0.90	1938448	420.820 ug/L
3) T RDX	1.73	2558510	507.058 ug/L
4) T 1,3,5-Trinitrobenzene	2.68	5734898	514.451 ug/L
5) T 1,3-Dinitrobenzene	3.58	8093868	518.030 ng/ml
6) T 3,5-Dinitroaniline	3.97	6786949	485.881 ug/L
7) T Nitrobenzene	4.81	5036303	505.956 ug/L
8) T Tetryl	6.43	2895143	455.474 ug/L m
9) T 2,4,6-Trinitrotoluene	6.59	6187008	526.911 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.18	5454230	463.915 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.55	3147650	485.917 ug/L
12) T 2,4-Dinitrotoluene	8.24	7458080	498.269 ug/L
13) T 2,6-Dinitrotoluene	8.65	3939114	470.900 ug/L m
14) T 2-Nitrotoluene	11.89	3420189	535.846 ug/L
15) T 4-Nitrotoluene	12.66	2837122	525.888 ug/L
16) T 3-Nitrotoluene	13.96	3387604	487.467 ug/L
17) T PETN	19.55	5042984	542.531 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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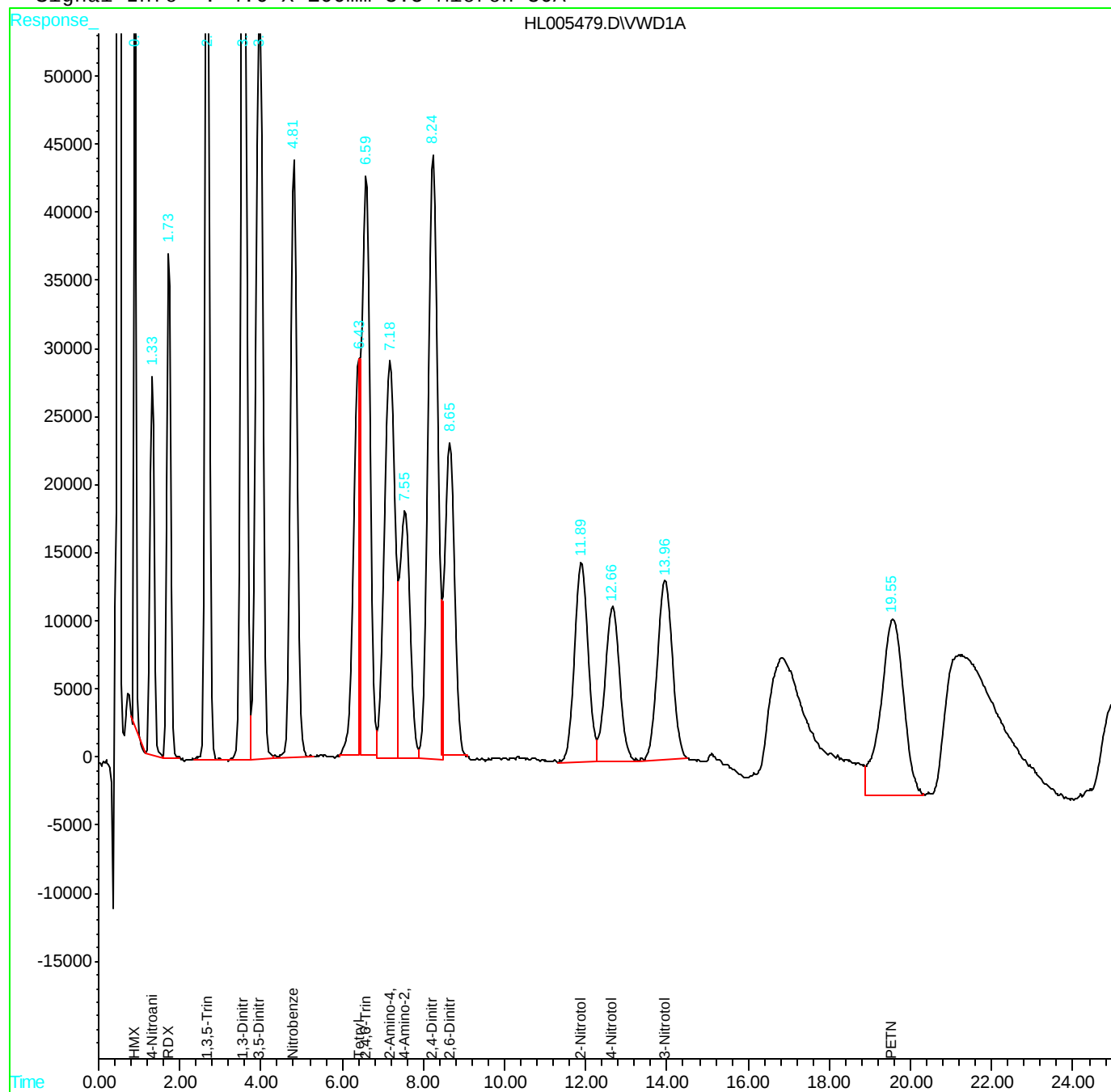
Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

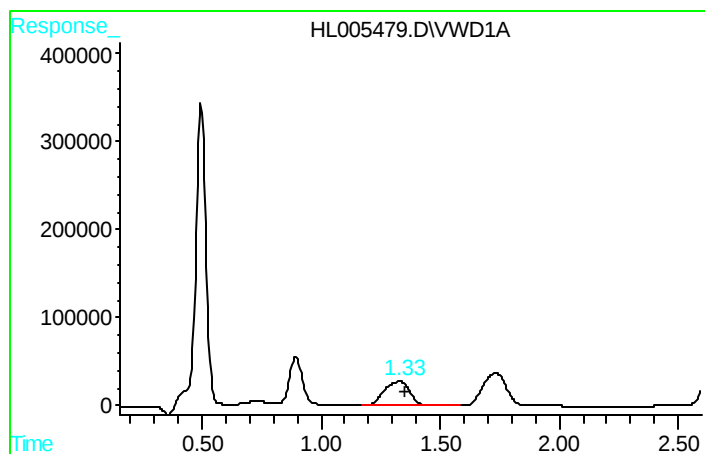
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 17:40:52 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





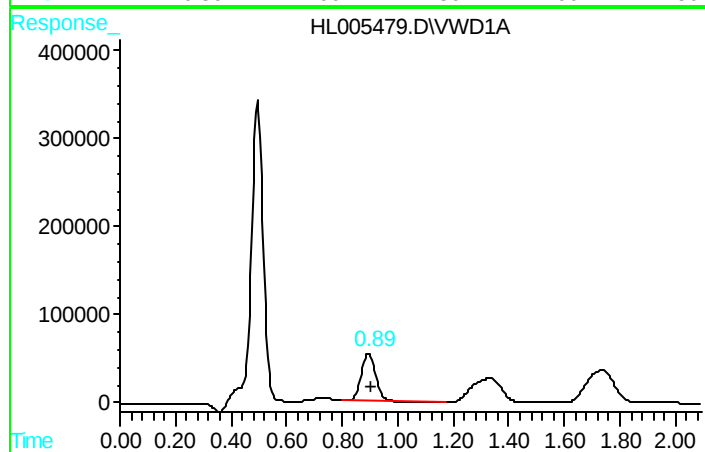
#1 4-Nitroaniline

R.T.: 1.328 min
Delta R.T.: -0.024 min
Response: 2074909
Conc: 512.34 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

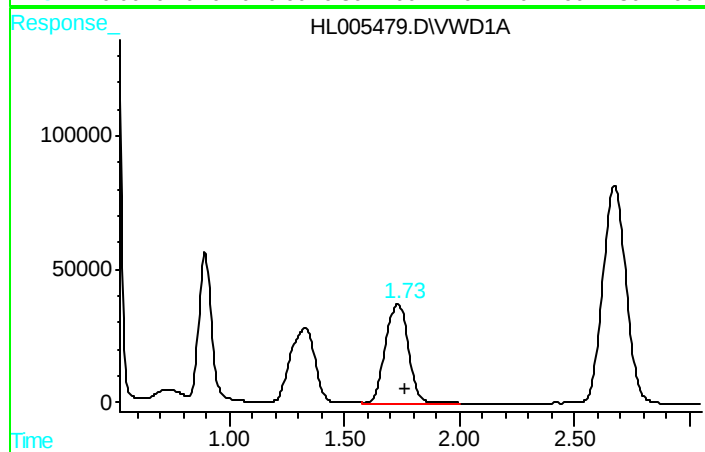
Manual Integrations
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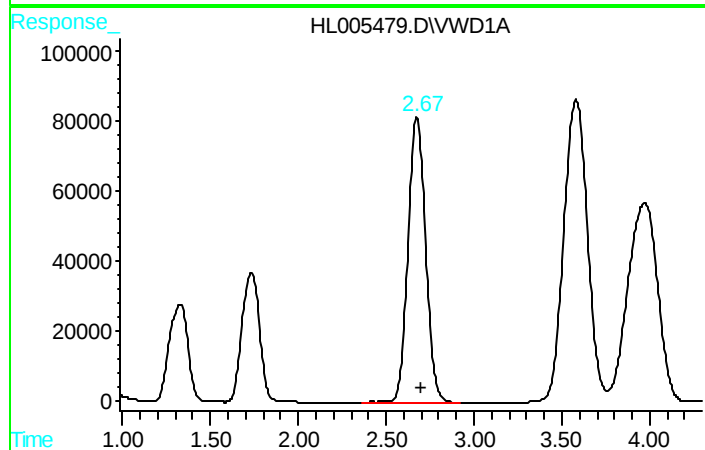
#2 HMX

R.T.: 0.896 min
Delta R.T.: -0.007 min
Response: 1938448
Conc: 420.82 ug/L



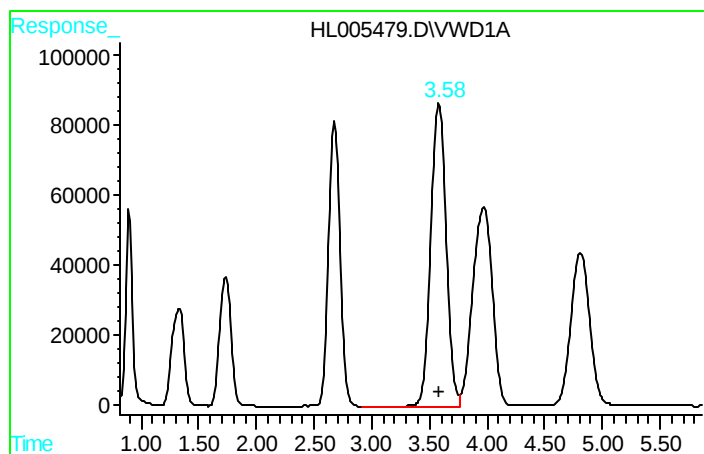
#3 RDX

R.T.: 1.733 min
Delta R.T.: -0.028 min
Response: 2558510
Conc: 507.06 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.676 min
Delta R.T.: -0.018 min
Response: 5734898
Conc: 514.45 ug/L



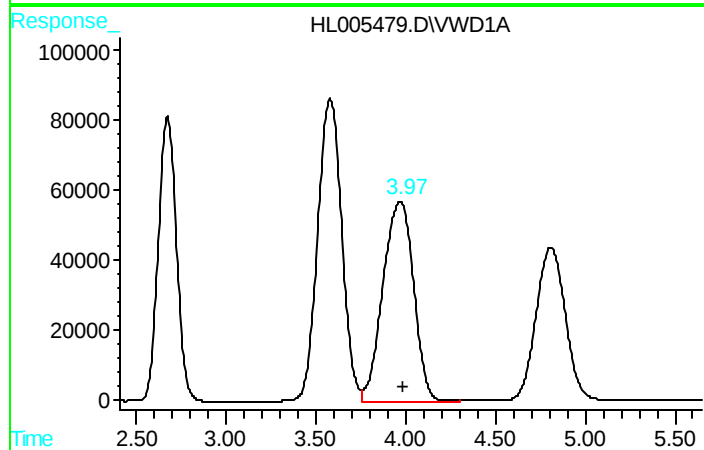
#5 1,3-Dinitrobenzene

R.T.: 3.581 min
Delta R.T.: -0.002 min
Response: 8093868
Conc: 518.03 ng/ml

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

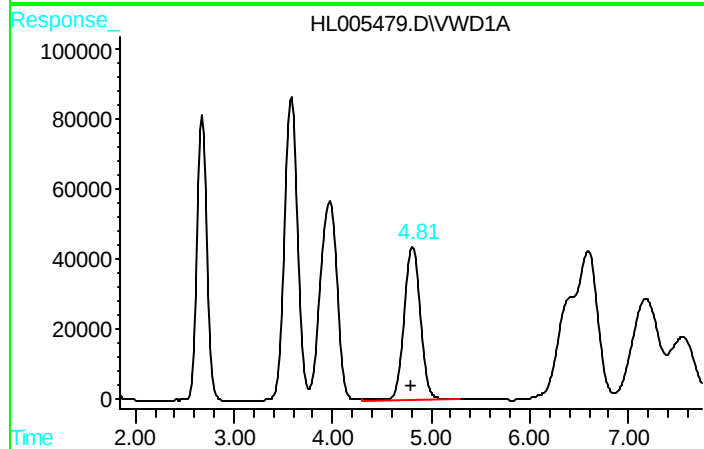
Manual Integrations
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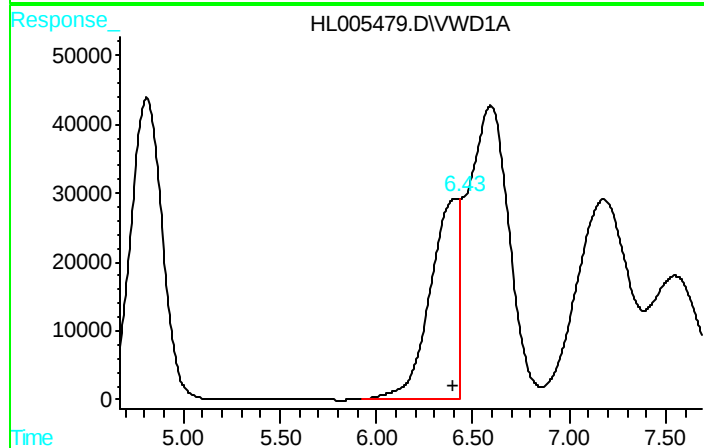
#6 3,5-Dinitroaniline

R.T.: 3.970 min
Delta R.T.: -0.012 min
Response: 6786949
Conc: 485.88 ug/L



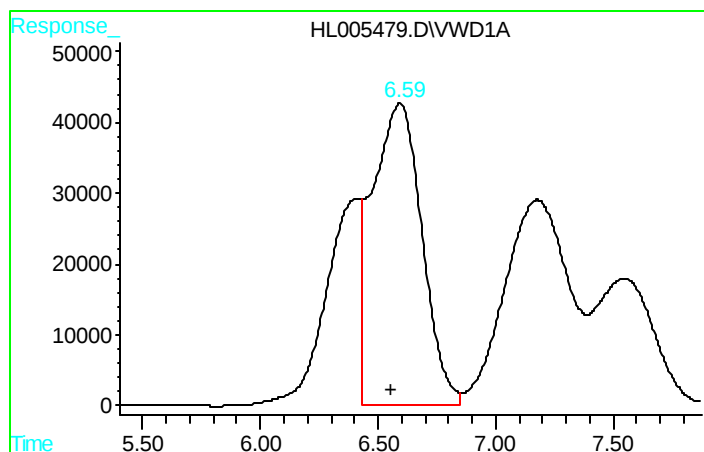
#7 Nitrobenzene

R.T.: 4.811 min
Delta R.T.: 0.008 min
Response: 5036303
Conc: 505.96 ug/L



#8 Tetryl

R.T.: 6.426 min
Delta R.T.: 0.026 min
Response: 2895143
Conc: 455.47 ug/L m



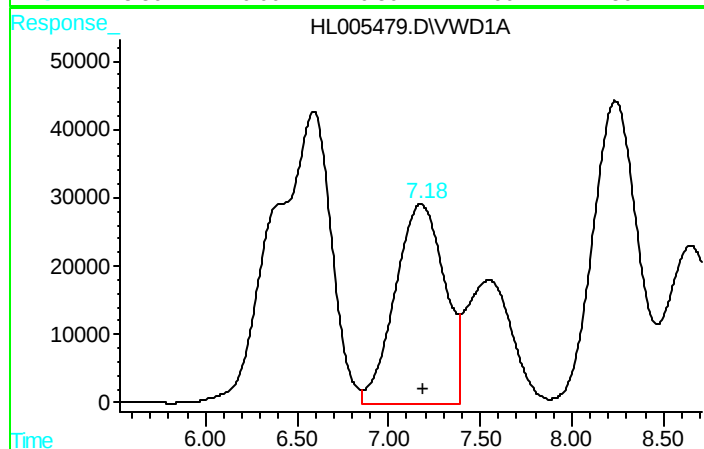
#9 2,4,6-Trinitrotoluene

R.T.: 6.590 min
Delta R.T.: 0.039 min
Response: 6187008
Conc: 526.91 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

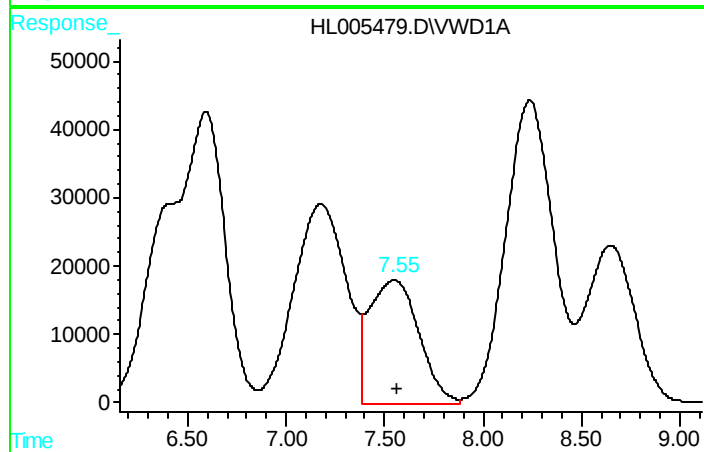
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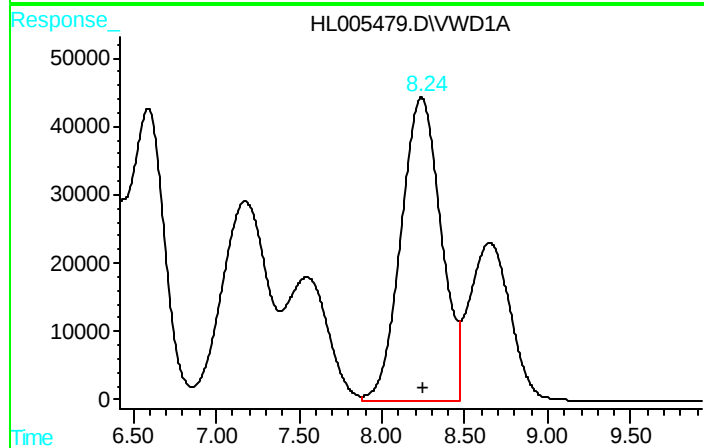
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.177 min
Delta R.T.: -0.013 min
Response: 5454230
Conc: 463.92 ug/L



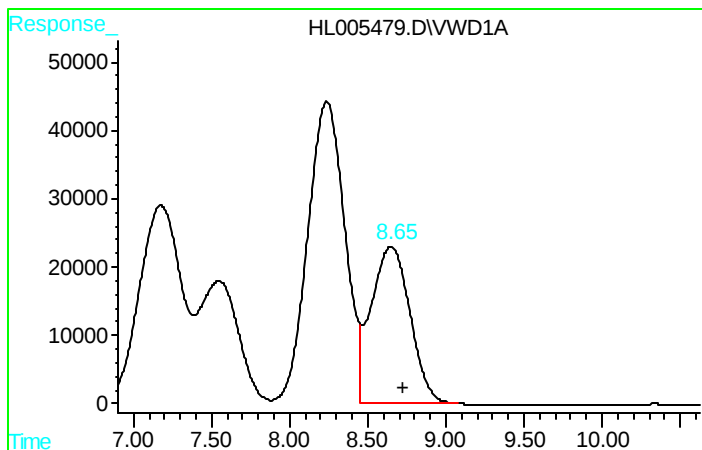
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.548 min
Delta R.T.: -0.012 min
Response: 3147650
Conc: 485.92 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.238 min
Delta R.T.: -0.012 min
Response: 7458080
Conc: 498.27 ug/L



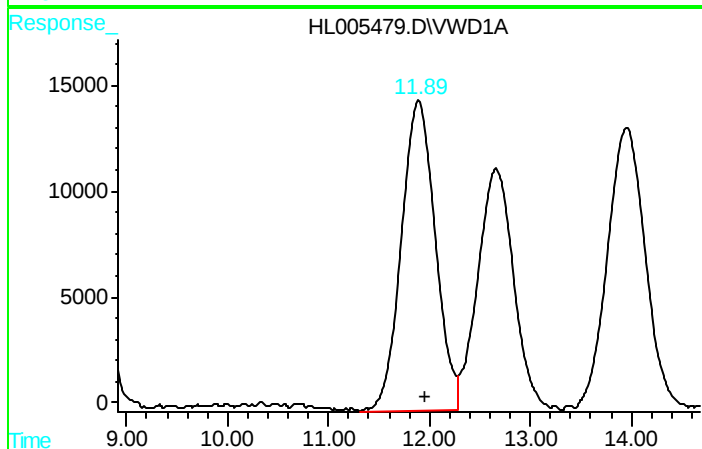
#13 2,6-Dinitrotoluene

R.T.: 8.647 min
Delta R.T.: -0.083 min
Response: 3939114
Conc: 470.90 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

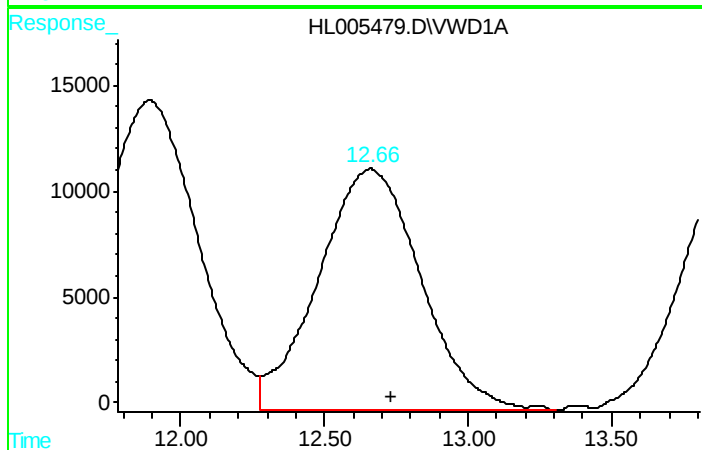
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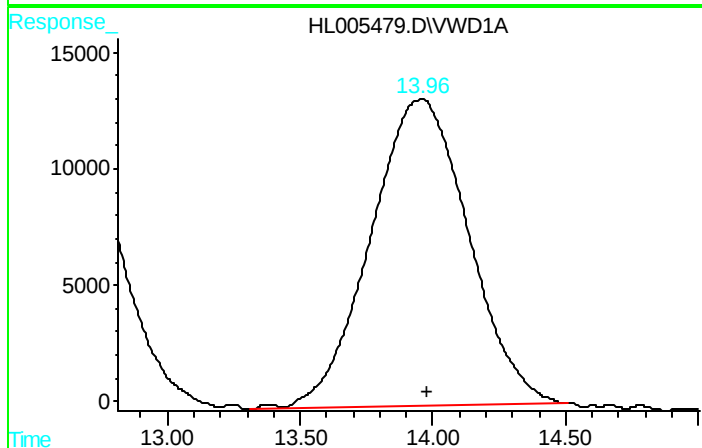
#14 2-Nitrotoluene

R.T.: 11.891 min
Delta R.T.: -0.069 min
Response: 3420189
Conc: 535.85 ug/L



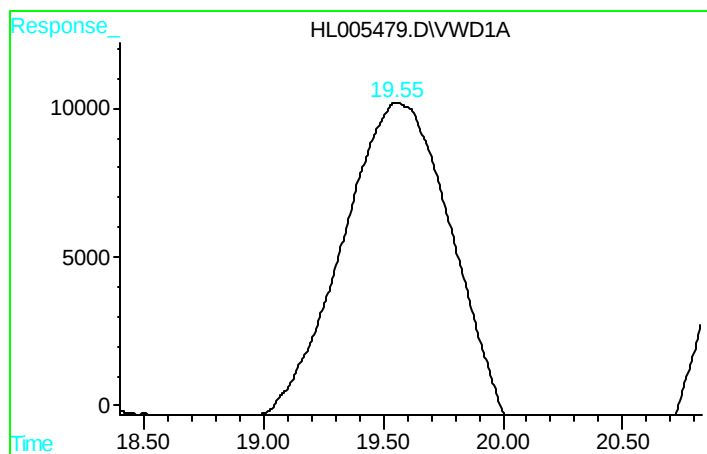
#15 4-Nitrotoluene

R.T.: 12.661 min
Delta R.T.: -0.069 min
Response: 2837122
Conc: 525.89 ug/L



#16 3-Nitrotoluene

R.T.: 13.956 min
Delta R.T.: -0.024 min
Response: 3387604
Conc: 487.47 ug/L



#17 PETN

R.T.: 19.550 min
Delta R.T.: -0.050 min
Response: 5042984
Conc: 542.53 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

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