

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070913\HL005529.D Vial: 1
 Acq On : 09-Jul-2013, 17:54 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 9 17:31 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

QI
 7/10/2013 9:54:43 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 09 17:29:55 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	1.31	2154426	531.976 ug/L
Target Compounds			
2) T HMX	0.88	2063789	448.030 ug/L
3) T RDX	1.71	2650967	525.381 ug/L
4) T 1,3,5-Trinitrobenzene	2.63	5421060	486.298 ug/L
5) T 1,3-Dinitrobenzene	3.49	7870750	503.749 ng/ml
6) T 3,5-Dinitroaniline	3.85	6720894	481.152 ug/L
7) T Nitrobenzene	4.68	4882229	490.477 ug/L
8) T Tetryl	6.13	2696360	424.200 ug/L m
9) T 2,4,6-Trinitrotoluene	6.36	6263058	533.387 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.93	5537956	471.037 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.28	3124522	482.267 ug/L
12) T 2,4-Dinitrotoluene	7.98	7454846	498.053 ug/L
13) T 2,6-Dinitrotoluene	8.37	4075970	487.260 ug/L
14) T 2-Nitrotoluene	11.48	3313655	519.156 ug/L
15) T 4-Nitrotoluene	12.21	2702028	500.847 ug/L
16) T 3-Nitrotoluene	13.50	3446847	495.992 ug/L
17) T PETN	18.84	5031027	541.140 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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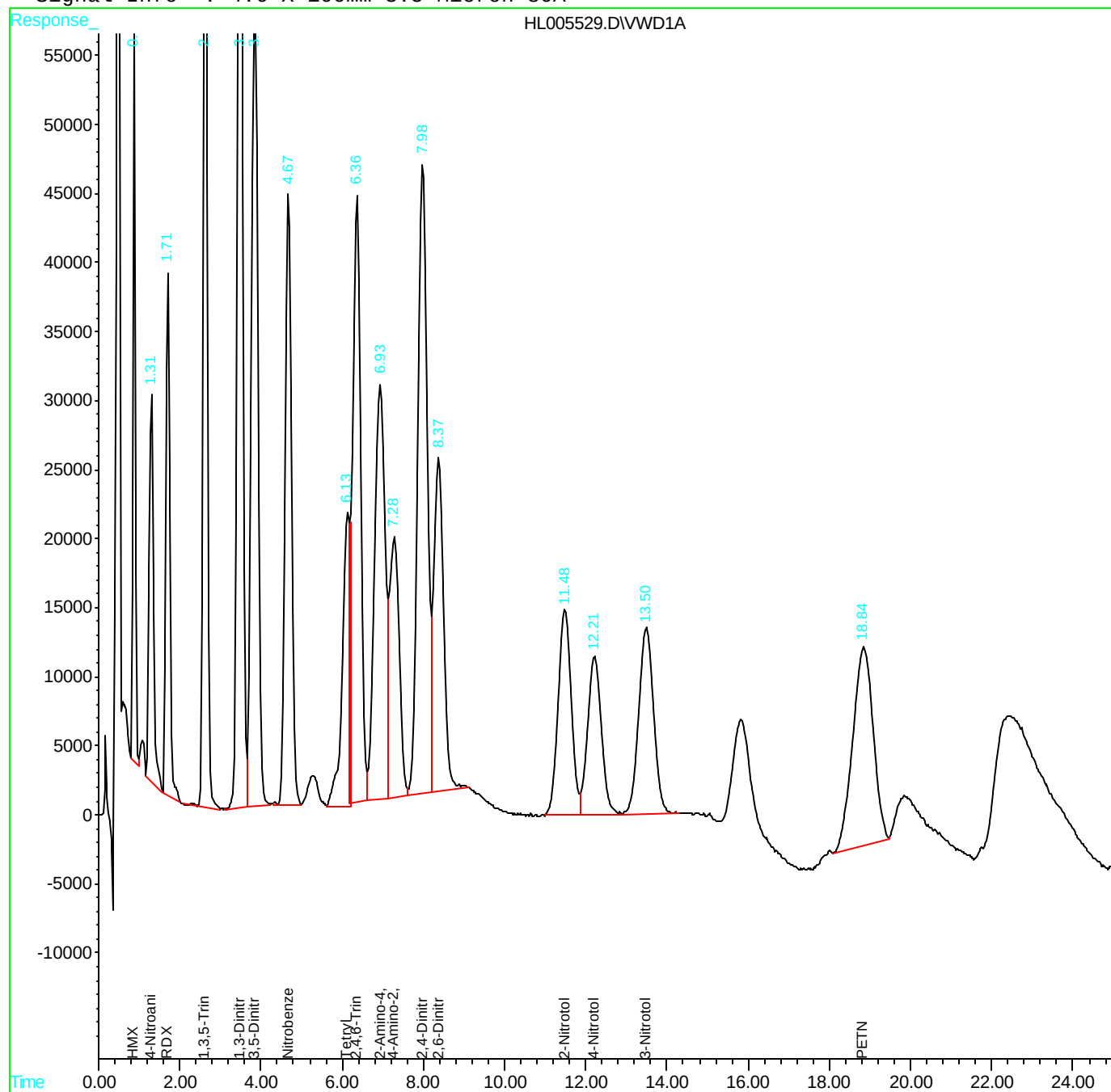
Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

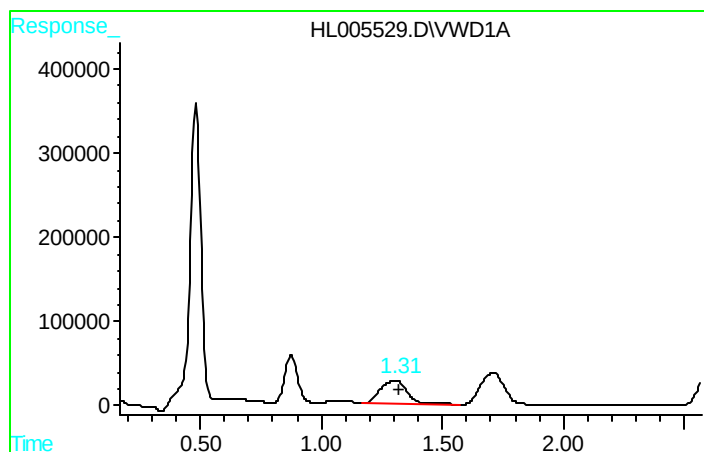
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 09 17:29:55 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





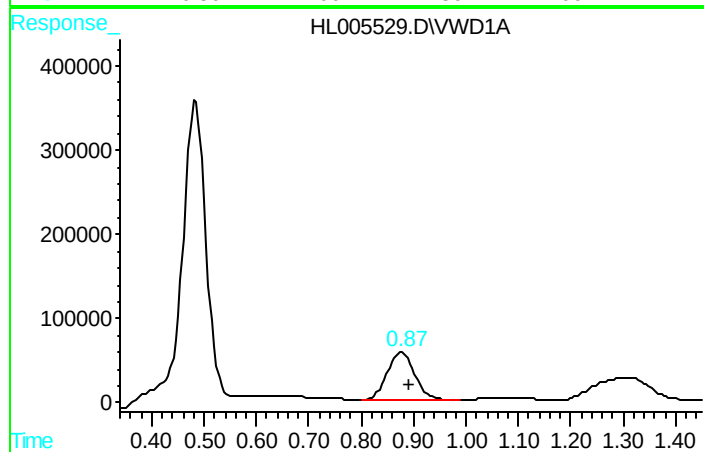
#1 4-Nitroaniline

R.T.: 1.305 min
Delta R.T.: -0.014 min
Response: 2154426
Conc: 531.98 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

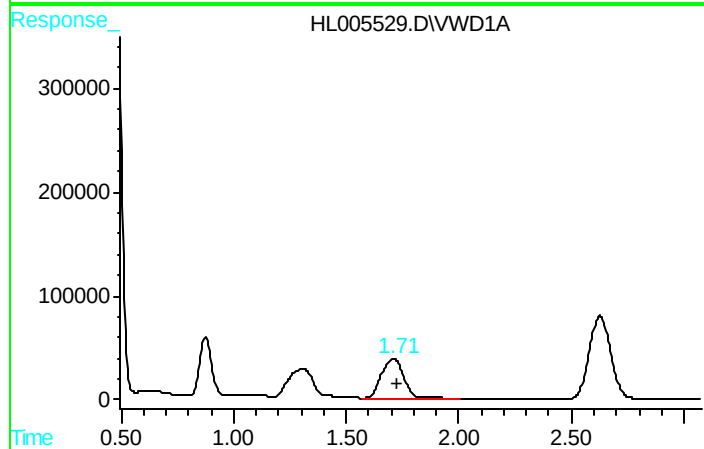
Manual Integrations
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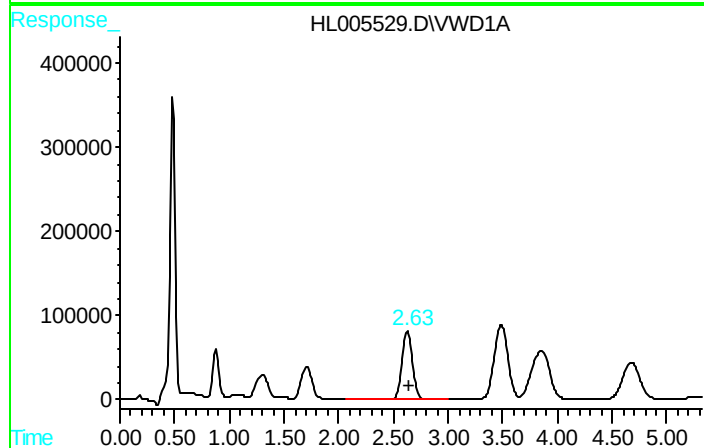
#2 HMX

R.T.: 0.877 min
Delta R.T.: -0.016 min
Response: 2063789
Conc: 448.03 ug/L



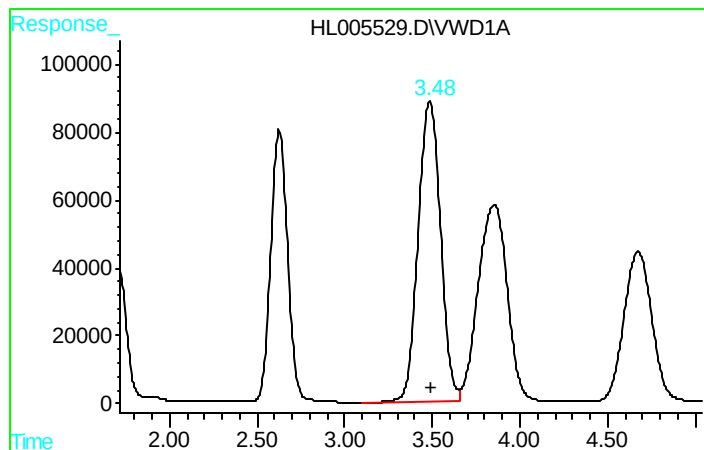
#3 RDX

R.T.: 1.710 min
Delta R.T.: -0.014 min
Response: 2650967
Conc: 525.38 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.627 min
Delta R.T.: -0.015 min
Response: 5421060
Conc: 486.30 ug/L



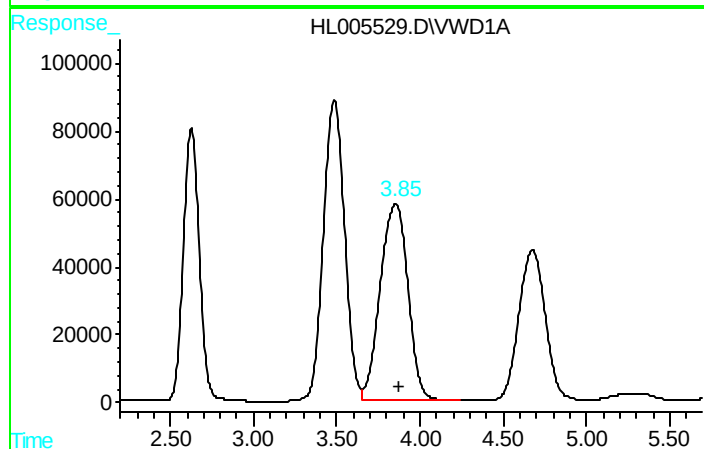
#5 1,3-Dinitrobenzene

R.T.: 3.486 min
Delta R.T.: -0.011 min
Response: 7870750
Conc: 503.75 ng/ml

Instrument :
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HSTDCCC0500

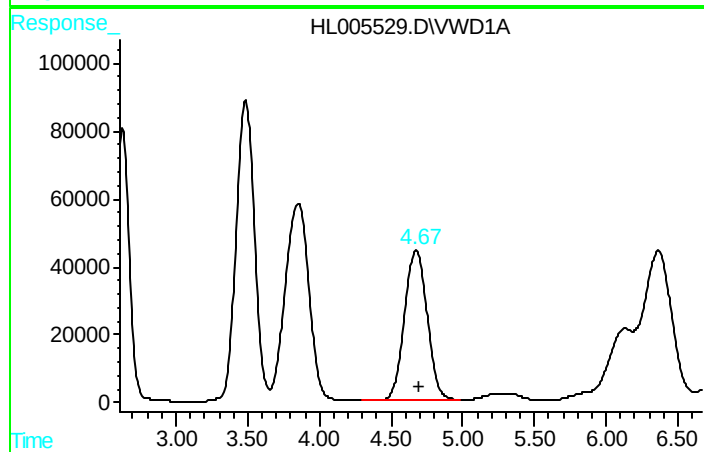
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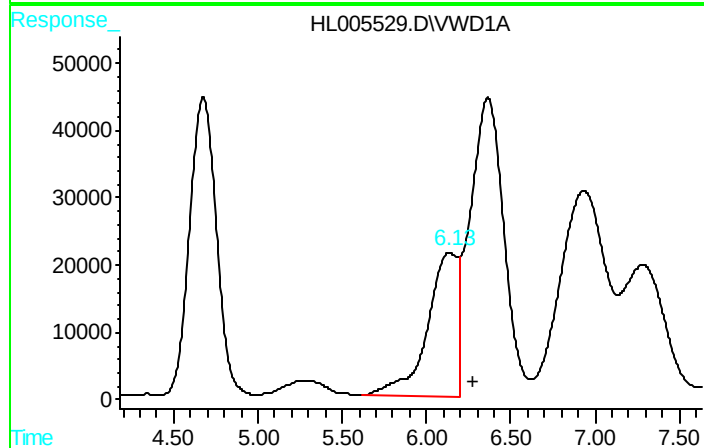
#6 3,5-Dinitroaniline

R.T.: 3.853 min
Delta R.T.: -0.018 min
Response: 6720894
Conc: 481.15 ug/L



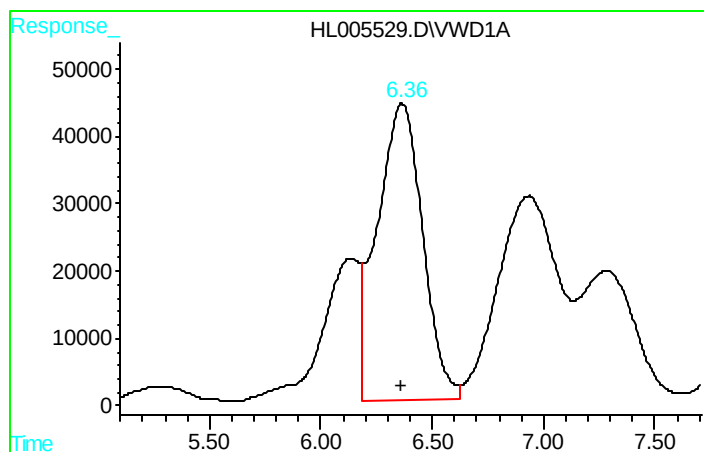
#7 Nitrobenzene

R.T.: 4.675 min
Delta R.T.: -0.025 min
Response: 4882229
Conc: 490.48 ug/L



#8 Tetryl

R.T.: 6.132 min
Delta R.T.: -0.148 min
Response: 2696360
Conc: 424.20 ug/L m



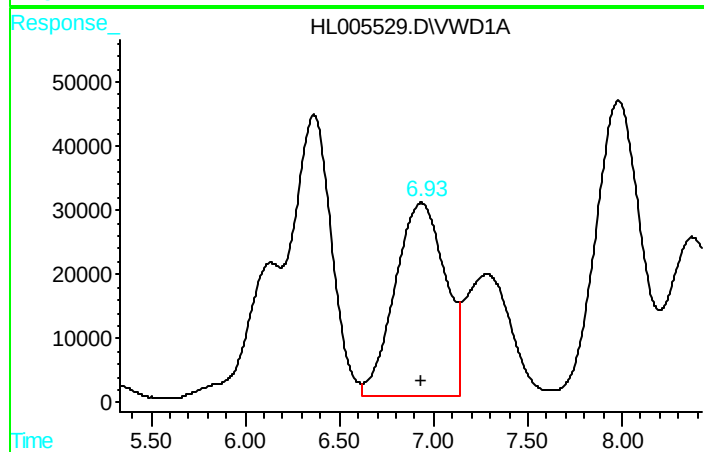
#9 2,4,6-Trinitrotoluene

R.T.: 6.364 min
Delta R.T.: 0.004 min
Response: 6263058
Conc: 533.39 ug/L

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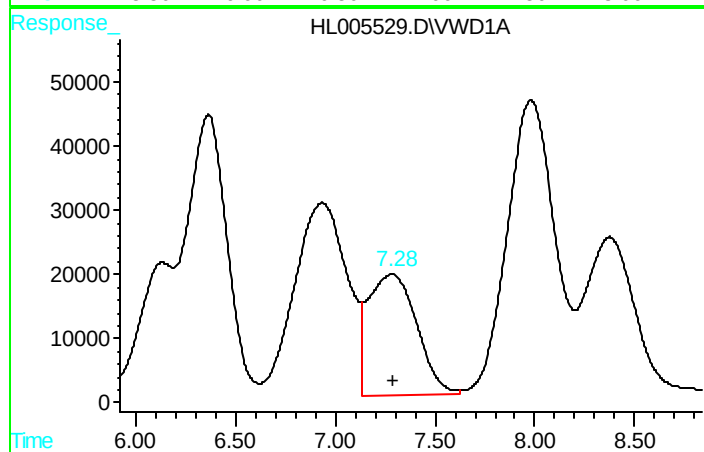
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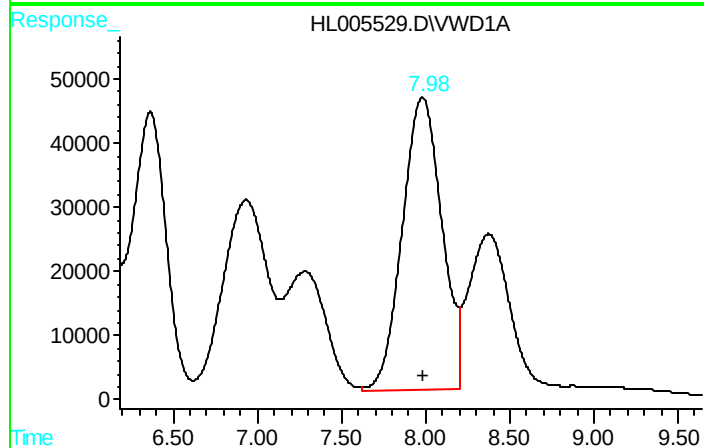
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.935 min
Delta R.T.: 0.005 min
Response: 5537956
Conc: 471.04 ug/L



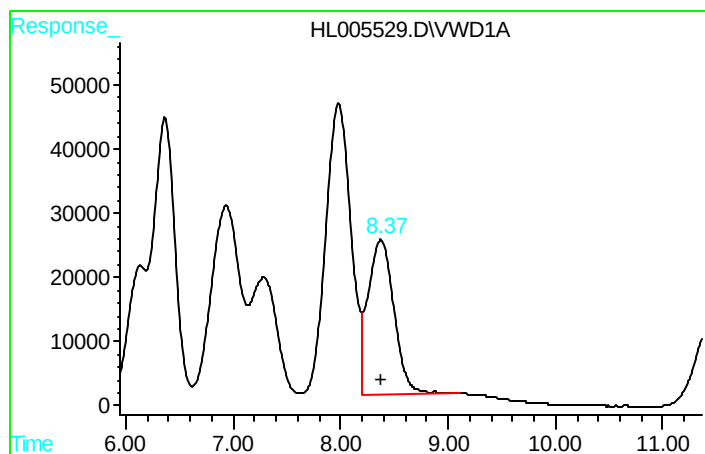
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.284 min
Delta R.T.: -0.003 min
Response: 3124522
Conc: 482.27 ug/L



#12 2,4-Dinitrotoluene

R.T.: 7.981 min
Delta R.T.: 0.001 min
Response: 7454846
Conc: 498.05 ug/L



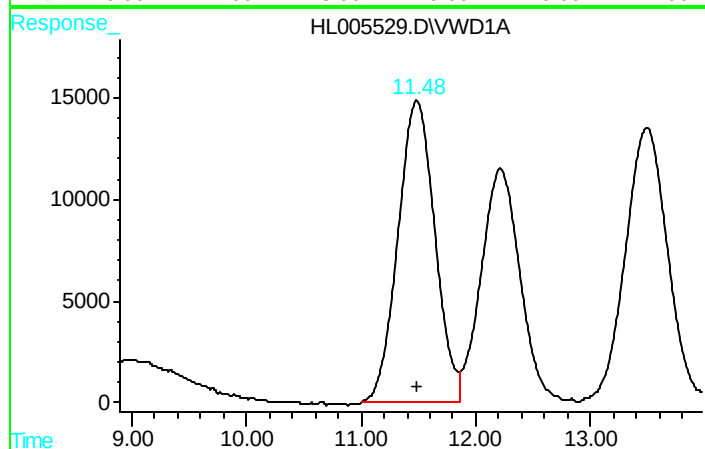
#13 2,6-Dinitrotoluene

R.T.: 8.374 min
Delta R.T.: 0.004 min
Response: 4075970
Conc: 487.26 ug/L

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HSTDCCC0500

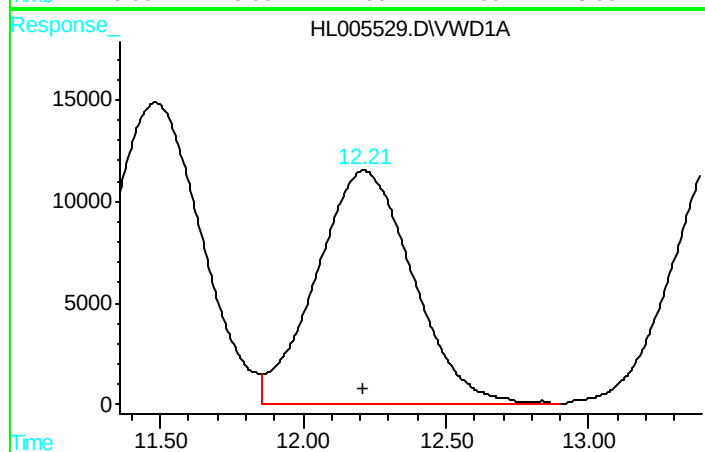
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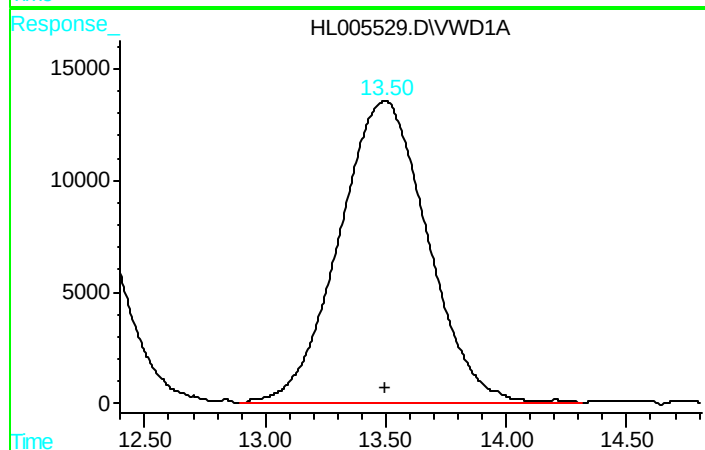
#14 2-Nitrotoluene

R.T.: 11.484 min
Delta R.T.: 0.004 min
Response: 3313655
Conc: 519.16 ug/L



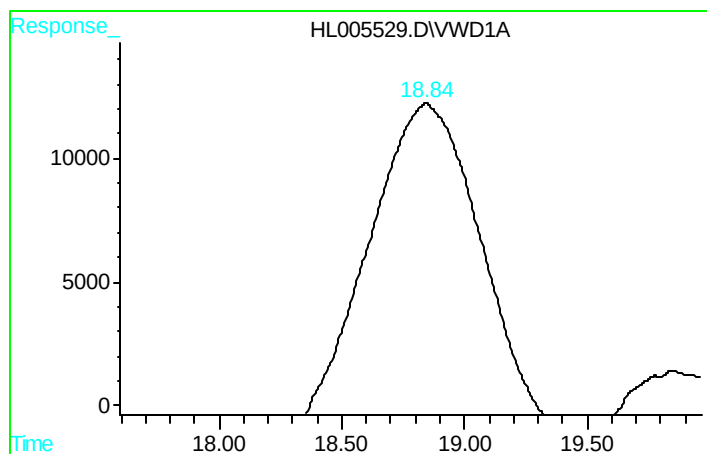
#15 4-Nitrotoluene

R.T.: 12.214 min
Delta R.T.: 0.004 min
Response: 2702028
Conc: 500.85 ug/L



#16 3-Nitrotoluene

R.T.: 13.496 min
Delta R.T.: -0.004 min
Response: 3446847
Conc: 495.99 ug/L



#17 PETN

R.T.: 18.841 min
Delta R.T.: 0.000 min
Response: 5031027
Conc: 541.14 ug/L m

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