

Data File : S:\HPCHEM1\HPLC_L\DATA\HL071113\HL005553.D Vial: 20
 Acq On : 12-Jul-2013, 02:20 Operator: QM
 Sample : E2837-01MSD Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 12 5:29 2013 Quant Results File: HL071113.RES

Instrument :
 HPLC_L
 ClientSampleId :
 BG500SS01AMSD

Manual Integrations
 APPROVED

QI
 7/12/2013 11:16:44 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL071113.M
 Title :
 Last Update : Fri Jul 12 04:48:32 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	1.32	769537	193.200 ug/L
Target Compounds			
2) T HMX	0.88	784103	191.150 ug/L
3) T RDX	1.74	745619	146.755 ug/L
4) T 1,3,5-Trinitrobenzene	2.68	1207399	110.001 ug/L
5) T 1,3-Dinitrobenzene	3.58	2317327	148.374 ng/ml
6) T 3,5-Dinitroaniline	3.97	2076656	156.118 ug/L
7) T Nitrobenzene	4.80	1387405	146.825 ug/L
8) T Tetryl	6.43	669688	118.157 ug/L m
9) T 2,4,6-Trinitrotoluene	6.58	1376521	116.495 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.18	1414446	128.010 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.56	849878	152.143 ug/L
12) T 2,4-Dinitrotoluene	8.25	2113946	143.983 ug/L
13) T 2,6-Dinitrotoluene	8.66	1080127	141.122 ug/L
14) T 2-Nitrotoluene	11.88	770264	124.850 ug/L m
15) T 4-Nitrotoluene	12.68	695893	137.207 ug/L
16) T 3-Nitrotoluene	13.97	877372	139.072 ug/L
17) T PETN	19.60	2808955	293.831 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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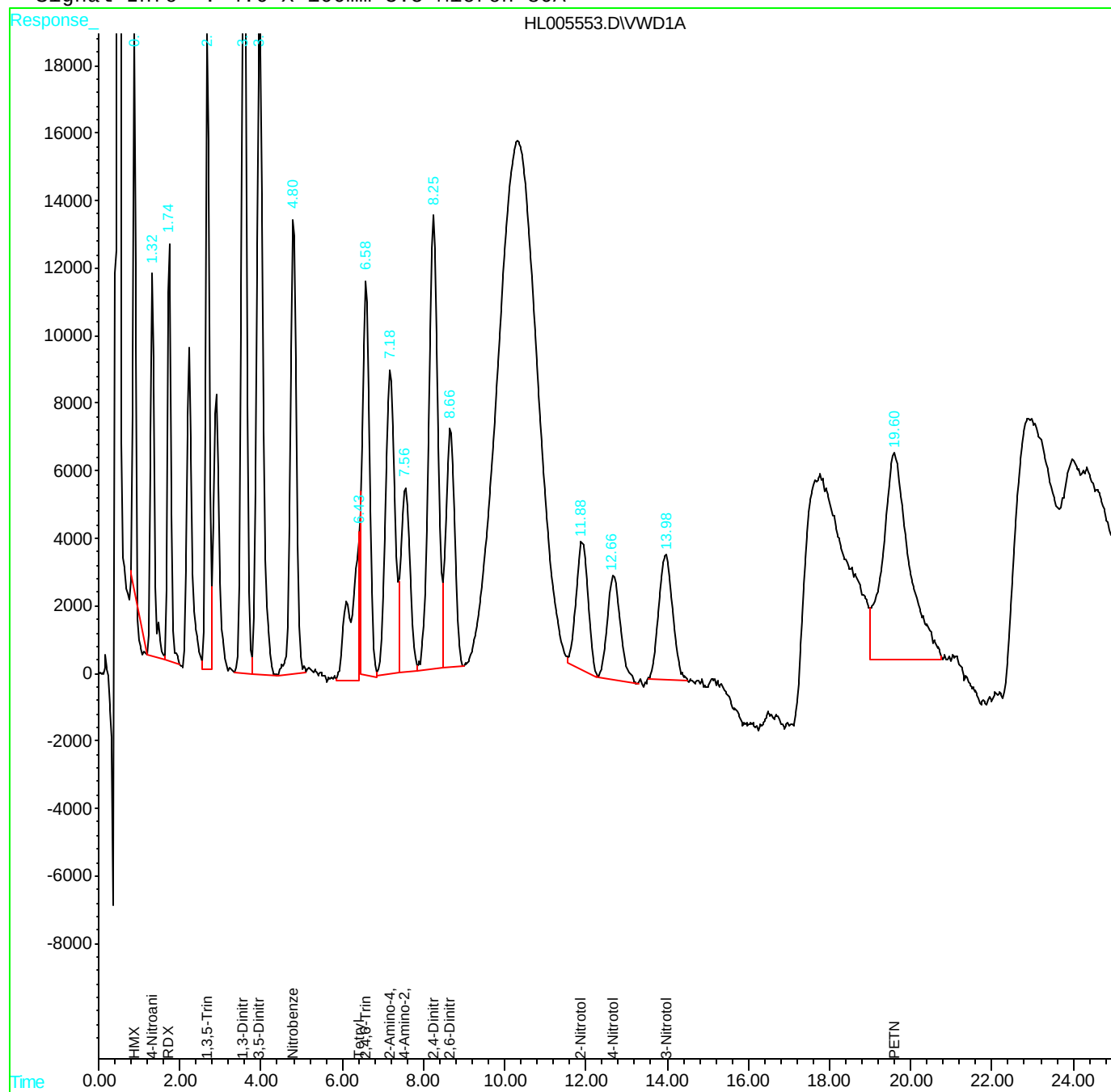
Instrument :
HPLC_L
ClientSampleId :
BG500SS01AMSD

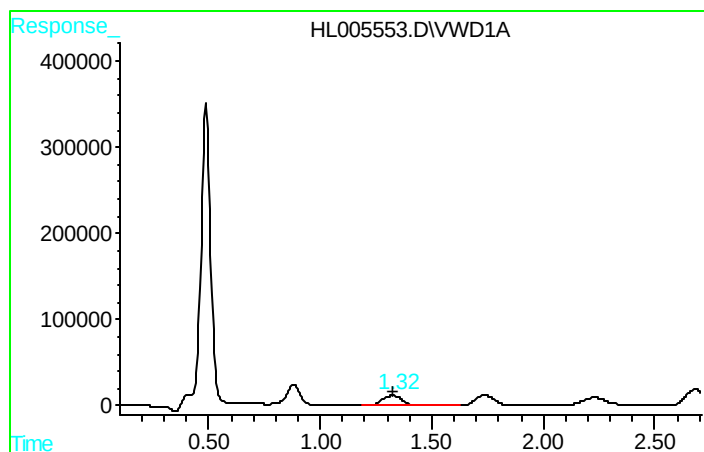
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL071113.M
Title :
Last Update : Fri Jul 12 04:48:32 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





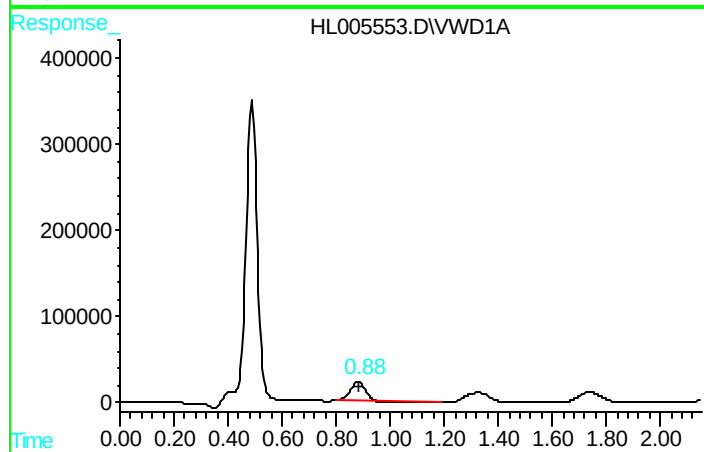
#1 4-Nitroaniline

R.T.: 1.324 min
Delta R.T.: 0.000 min
Response: 769537
Conc: 193.20 ug/L

Instrument :
HPLC_L
ClientSampleId :
BG500SS01AMSD

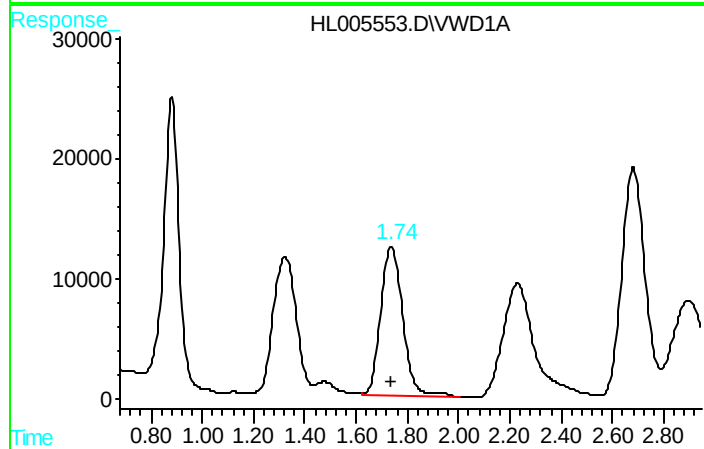
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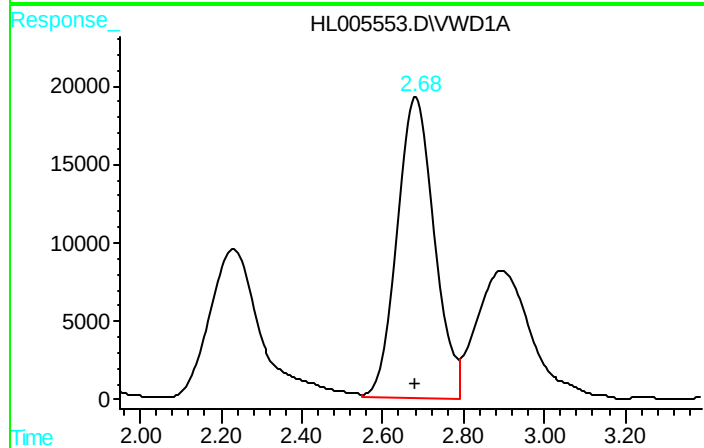
#2 HMX

R.T.: 0.882 min
Delta R.T.: 0.001 min
Response: 784103
Conc: 191.15 ug/L



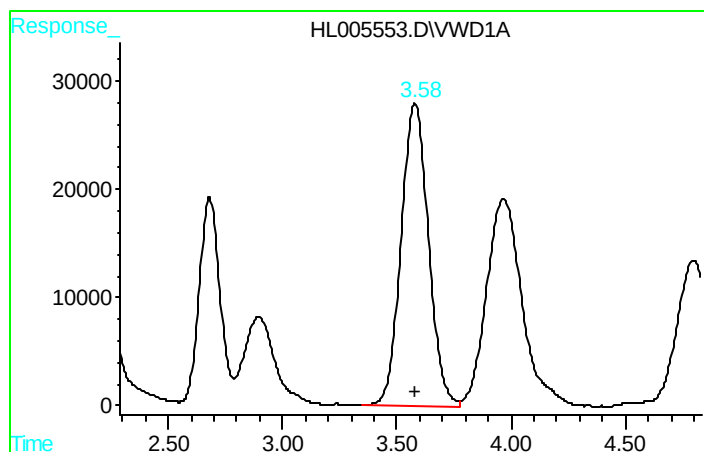
#3 RDX

R.T.: 1.739 min
Delta R.T.: 0.000 min
Response: 745619
Conc: 146.76 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.682 min
Delta R.T.: 0.000 min
Response: 1207399
Conc: 110.00 ug/L



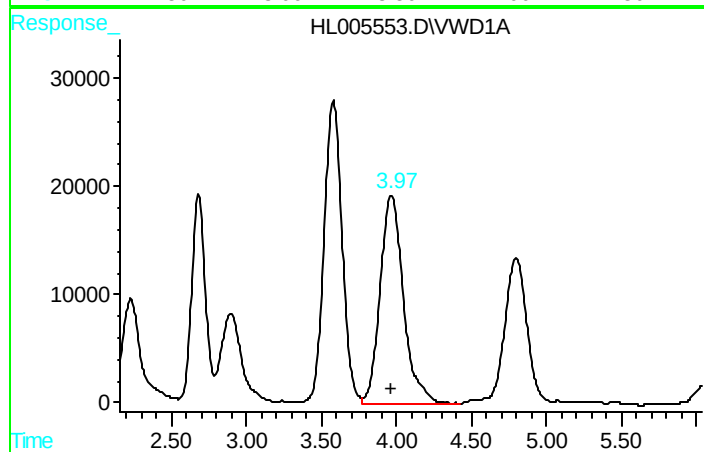
#5 1,3-Dinitrobenzene

R.T.: 3.580 min
Delta R.T.: 0.000 min
Response: 2317327
Conc: 148.37 ng/ml

Instrument :
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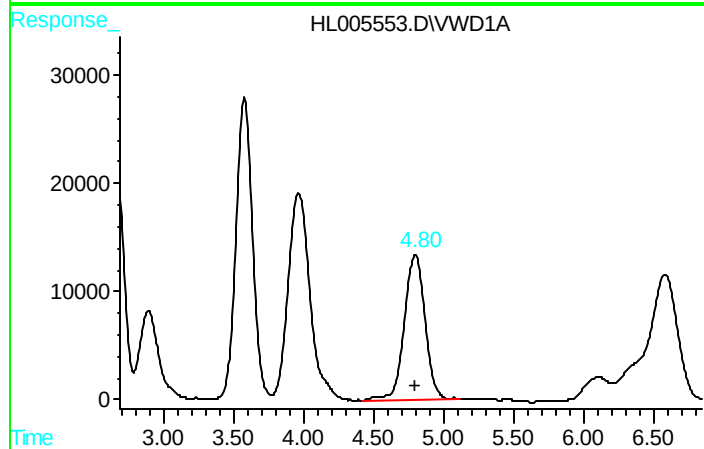
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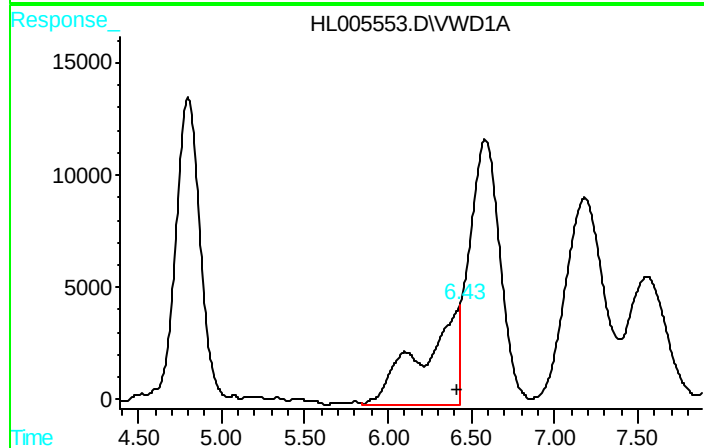
#6 3,5-Dinitroaniline

R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 2076656
Conc: 156.12 ug/L



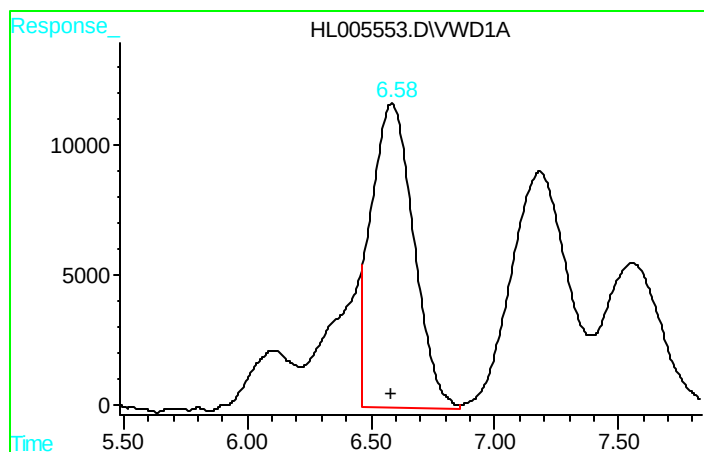
#7 Nitrobenzene

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 1387405
Conc: 146.82 ug/L



#8 Tetryl

R.T.: 6.426 min
Delta R.T.: 0.010 min
Response: 669688
Conc: 118.16 ug/L m



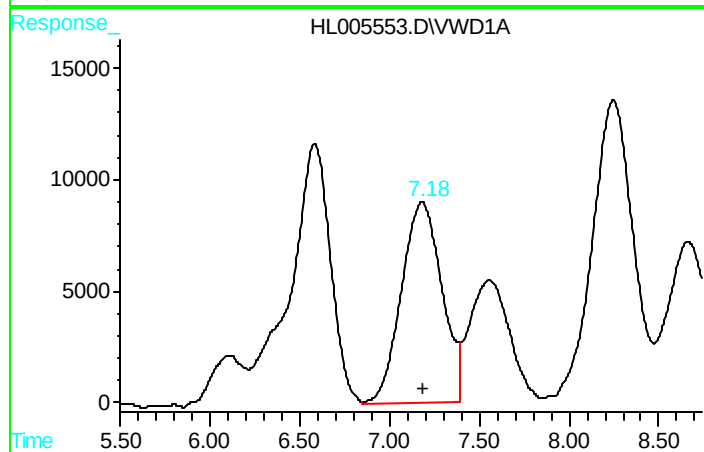
#9 2,4,6-Trinitrotoluene

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 1376521
Conc: 116.50 ug/L m

Instrument :
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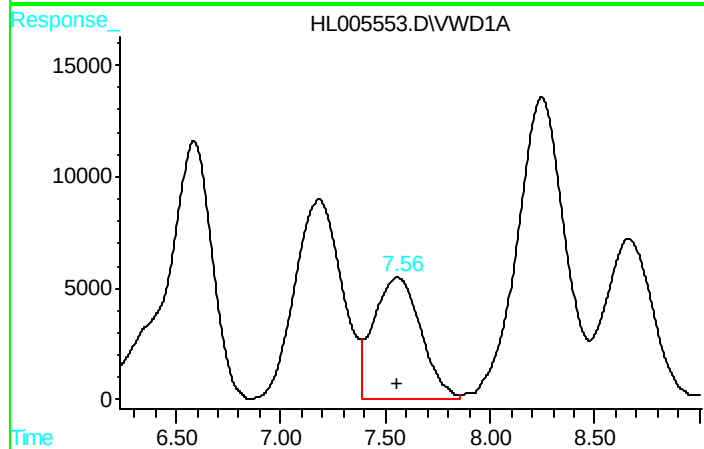
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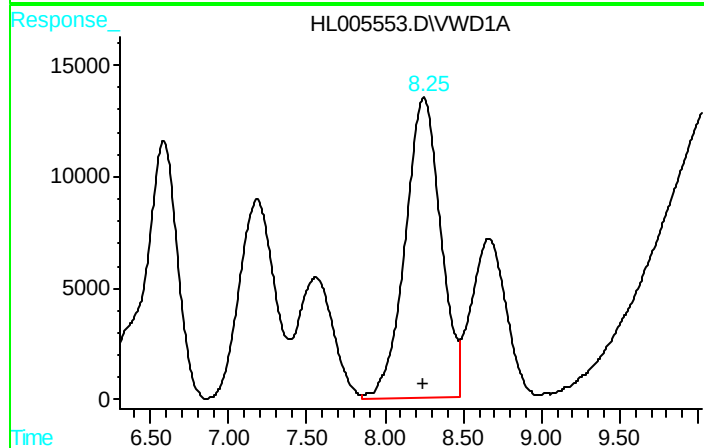
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.183 min
Delta R.T.: 0.000 min
Response: 1414446
Conc: 128.01 ug/L



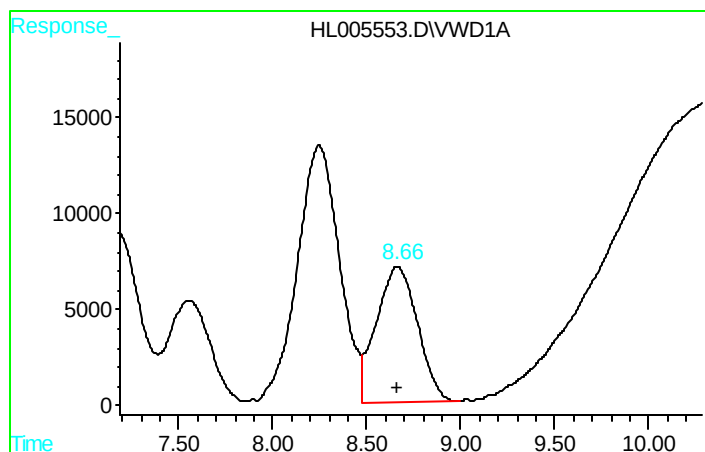
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 849878
Conc: 152.14 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.247 min
Delta R.T.: 0.000 min
Response: 2113946
Conc: 143.98 ug/L



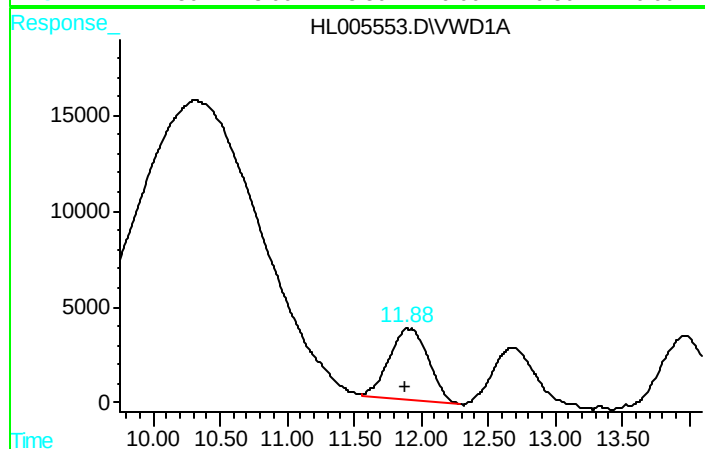
#13 2,6-Dinitrotoluene

R.T.: 8.664 min
Delta R.T.: 0.000 min
Response: 1080127
Conc: 141.12 ug/L

Instrument :
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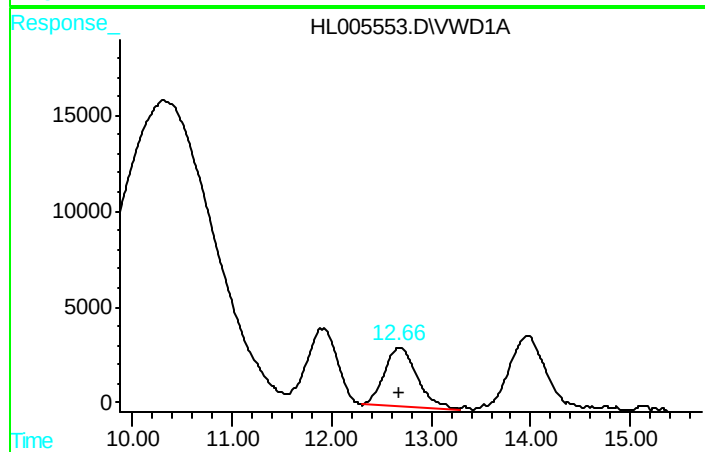
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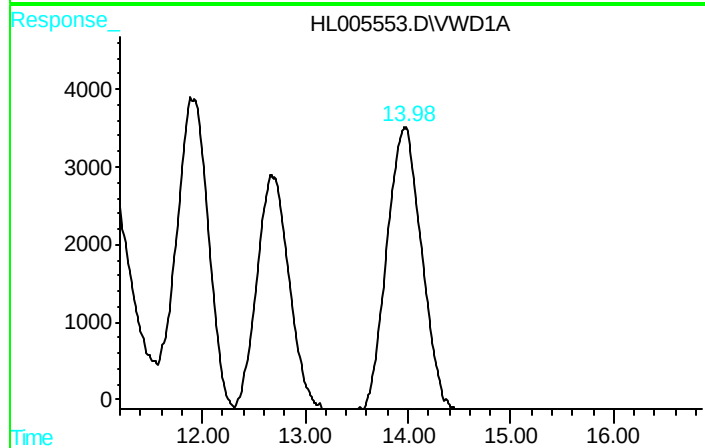
#14 2-Nitrotoluene

R.T.: 11.884 min
Delta R.T.: 0.000 min
Response: 770264
Conc: 124.85 ug/L m



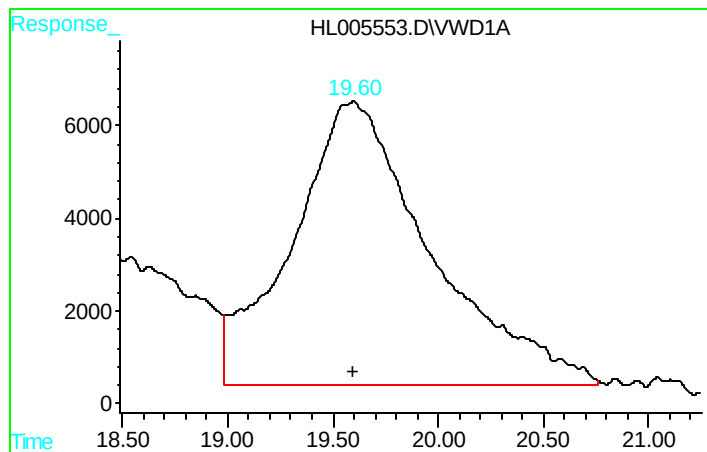
#15 4-Nitrotoluene

R.T.: 12.677 min
Delta R.T.: 0.000 min
Response: 695893
Conc: 137.21 ug/L



#16 3-Nitrotoluene

R.T.: 13.974 min
Delta R.T.: -0.008 min
Response: 877372
Conc: 139.07 ug/L



#17 PETN

R.T.: 19.599 min
Delta R.T.: 0.000 min
Response: 2808955
Conc: 293.83 ug/L m

Instrument :

HPLC_L

ClientSampleId :

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