

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070513\HL005500.D Vial: 4
 Acq On : 05-Jul-2013, 15:23 Operator: QM
 Sample : E2748-16MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 9 1:09 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 ClientSampleId :
 POLJAT01-SB-DUP-062713MS

Manual Integrations
 APPROVED

QI
 7/9/2013 4:22:50 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:59:51 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	1.34	664839	164.164 ug/L
Target Compounds			
2) T HMX	0.91	917093	199.093 ug/L
3) T RDX	1.75	738429	146.345 ug/L
4) T 1,3,5-Trinitrobenzene	2.70	1621172	145.428 ug/L
5) T 1,3-Dinitrobenzene	3.60	2261513	144.743 ng/ml
6) T 3,5-Dinitroaniline	3.99	1919073	137.387 ug/L
7) T Nitrobenzene	4.84	1419671	142.623 ug/L
8) T Tetryl	6.46	797785	125.510 ug/L m
9) T 2,4,6-Trinitrotoluene	6.66	1611630	137.253 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.28	1450072	123.337 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.67	875966	140.237 ug/L m
12) T 2,4-Dinitrotoluene	8.39	2096120	140.040 ug/L m
13) T 2,6-Dinitrotoluene	8.83	1139847	136.263 ug/L m
14) T 2-Nitrotoluene	12.17	887700	139.077 ug/L m
15) T 4-Nitrotoluene	12.92	695720	128.958 ug/L m
16) T 3-Nitrotoluene	14.26	936621	134.777 ug/L m
17) T PETN	19.94	4599031	490.890 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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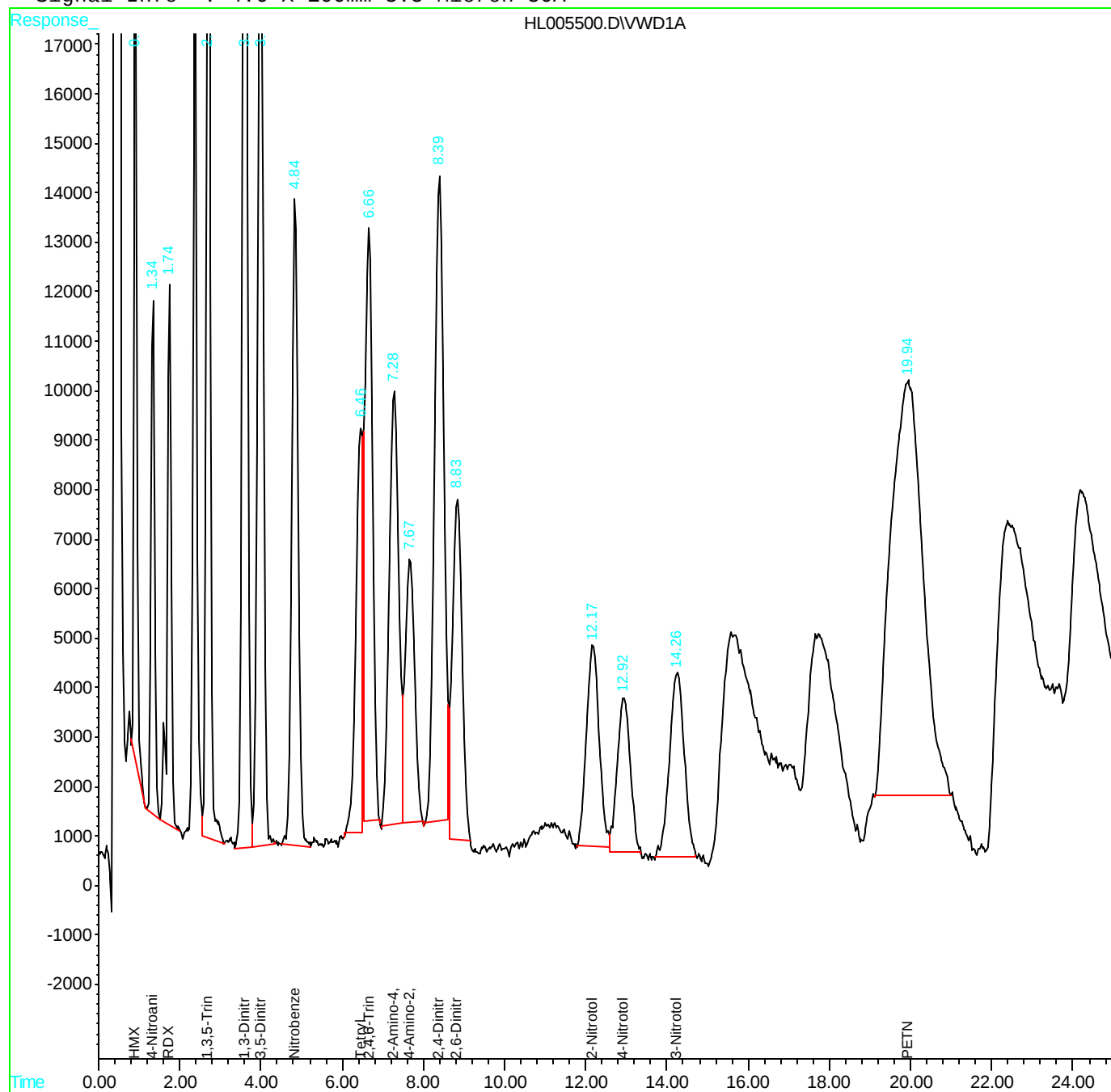
Instrument :
 HPLC_L
 ClientSampleId :
 POLJAT01-SB-DUP-062713MS

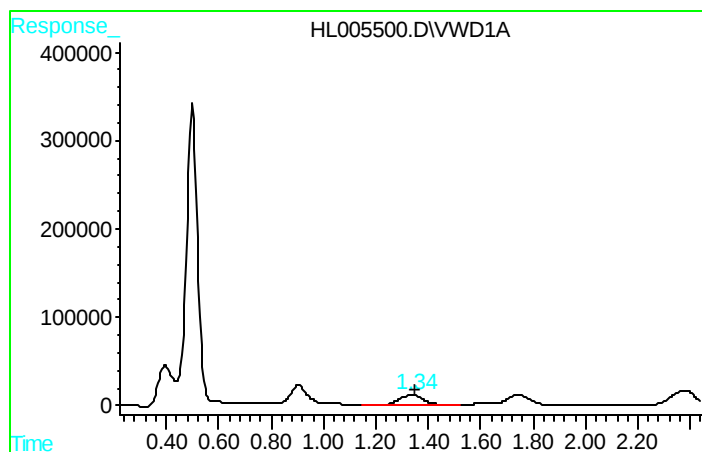
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:59:51 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





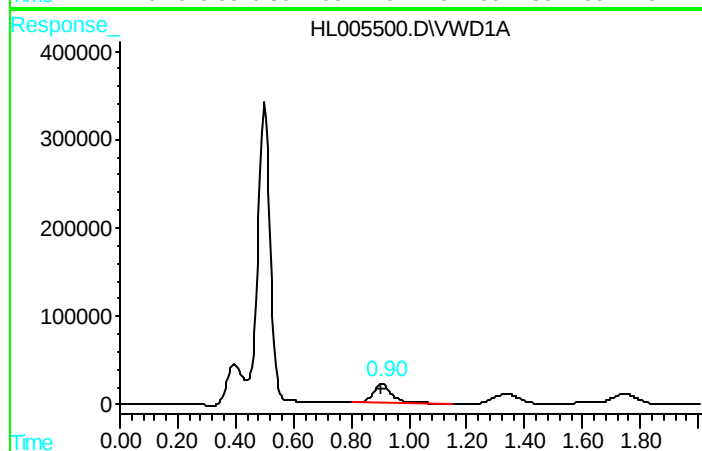
#1 4-Nitroaniline

R.T.: 1.337 min
Delta R.T.: -0.014 min
Response: 664839
Conc: 164.16 ug/L

Instrument :
HPLC_L
ClientSampleId :
POLJAT01-SB-DUP-062713MS

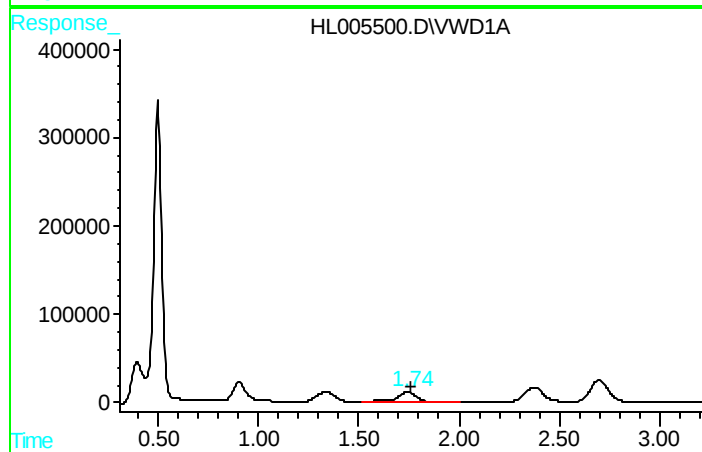
Manual Integrations
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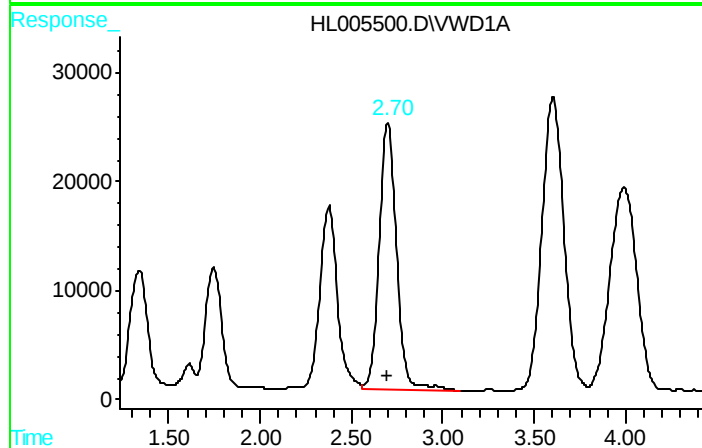
#2 HMX

R.T.: 0.906 min
Delta R.T.: 0.004 min
Response: 917093
Conc: 199.09 ug/L



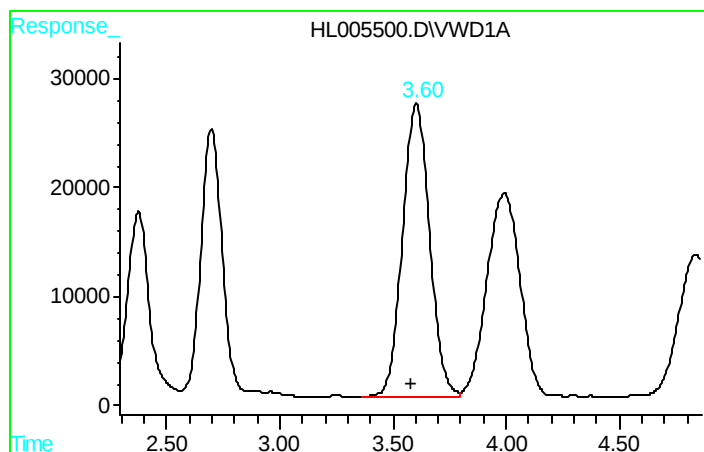
#3 RDX

R.T.: 1.745 min
Delta R.T.: -0.016 min
Response: 738429
Conc: 146.35 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.699 min
Delta R.T.: 0.005 min
Response: 1621172
Conc: 145.43 ug/L



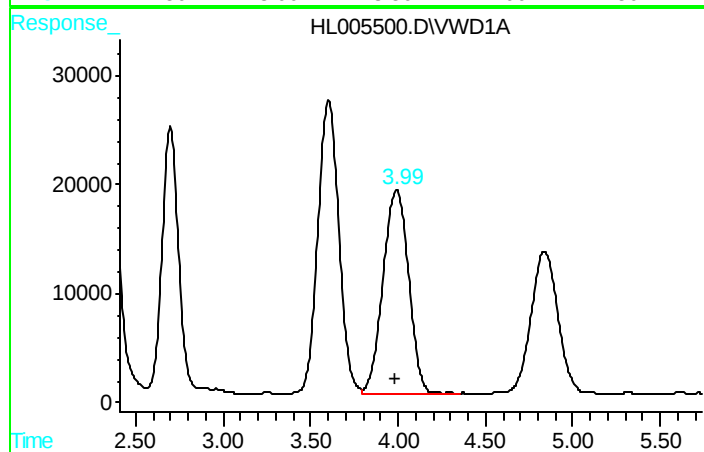
#5 1,3-Dinitrobenzene

R.T.: 3.604 min
Delta R.T.: 0.020 min
Response: 2261513
Conc: 144.74 ng/ml

Instrument :
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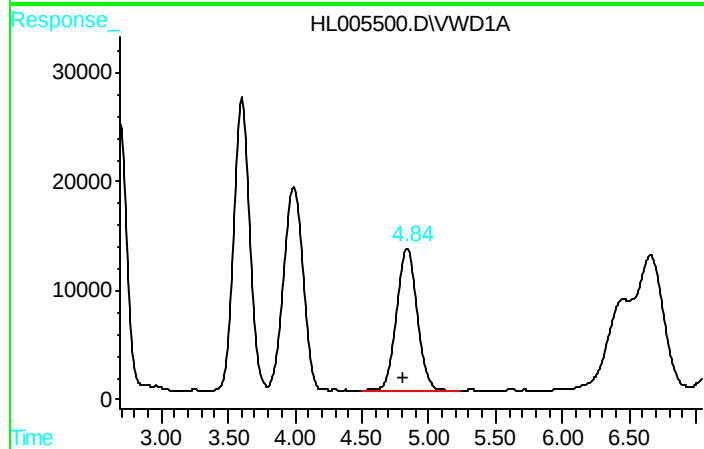
Manual Integrations
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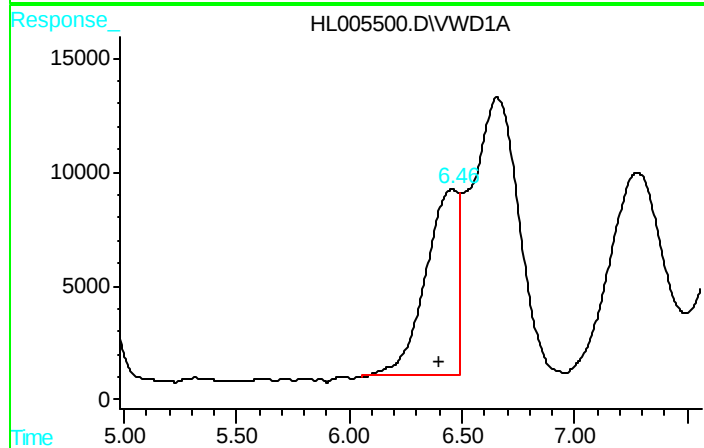
#6 3,5-Dinitroaniline

R.T.: 3.992 min
Delta R.T.: 0.010 min
Response: 1919073
Conc: 137.39 ug/L



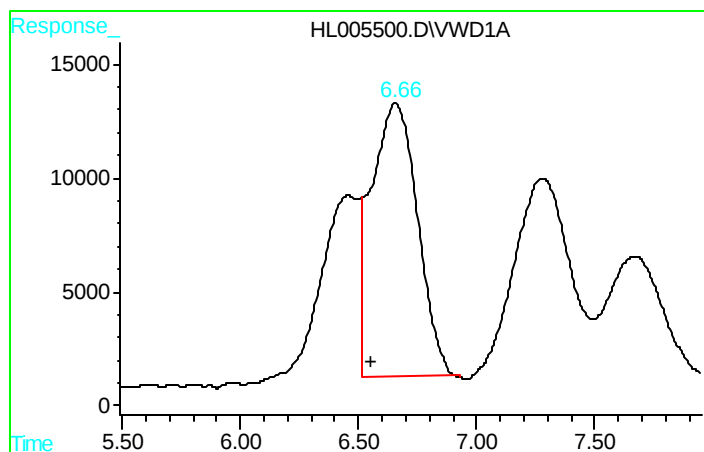
#7 Nitrobenzene

R.T.: 4.839 min
Delta R.T.: 0.036 min
Response: 1419671
Conc: 142.62 ug/L



#8 Tetryl

R.T.: 6.456 min
Delta R.T.: 0.056 min
Response: 797785
Conc: 125.51 ug/L m



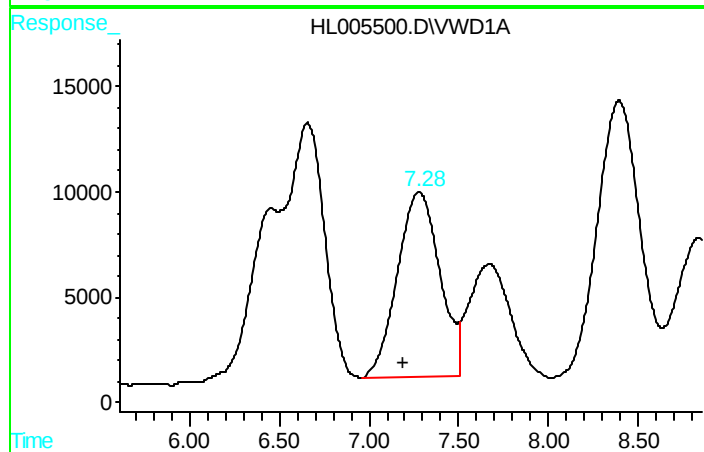
#9 2,4,6-Trinitrotoluene

R.T.: 6.655 min
Delta R.T.: 0.103 min
Response: 1611630
Conc: 137.25 ug/L m

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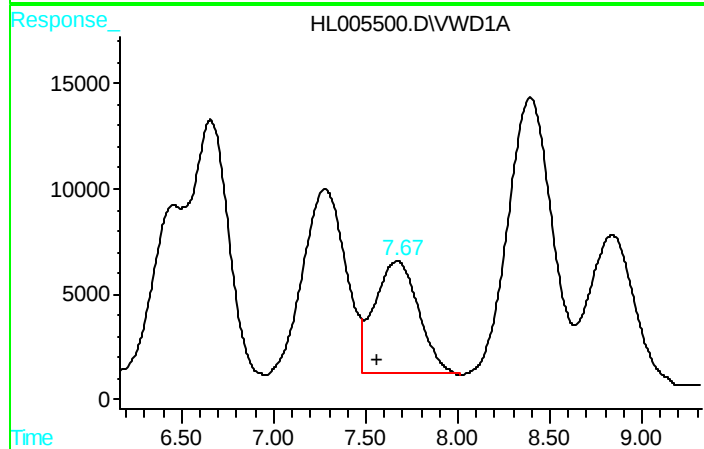
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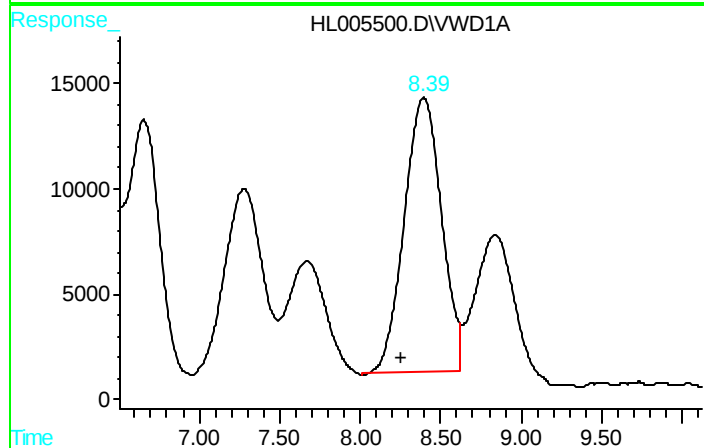
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.278 min
Delta R.T.: 0.088 min
Response: 1450072
Conc: 123.34 ug/L m



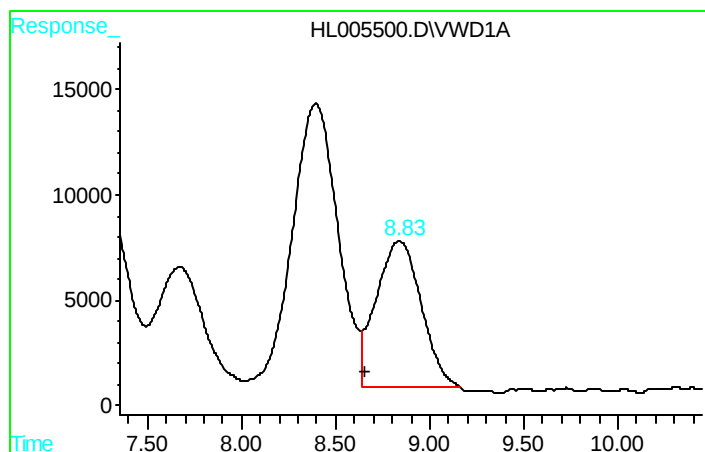
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.669 min
Delta R.T.: 0.109 min
Response: 875966
Conc: 140.24 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.393 min
Delta R.T.: 0.143 min
Response: 2096120
Conc: 140.04 ug/L m



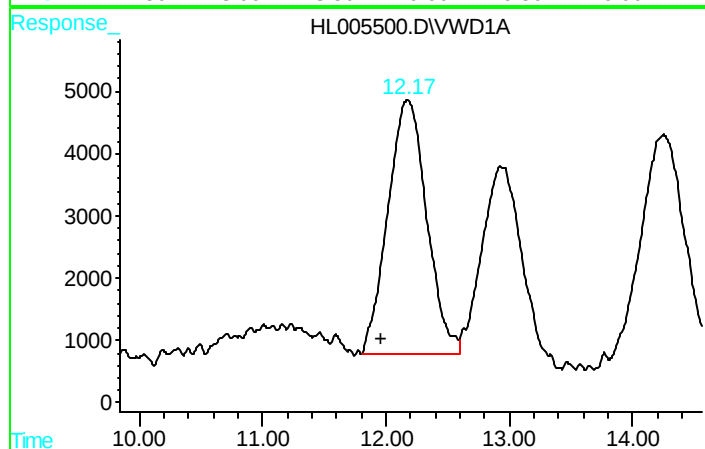
#13 2,6-Dinitrotoluene

R.T.: 8.835 min
Delta R.T.: 0.175 min
Response: 1139847
Conc: 136.26 ug/L m

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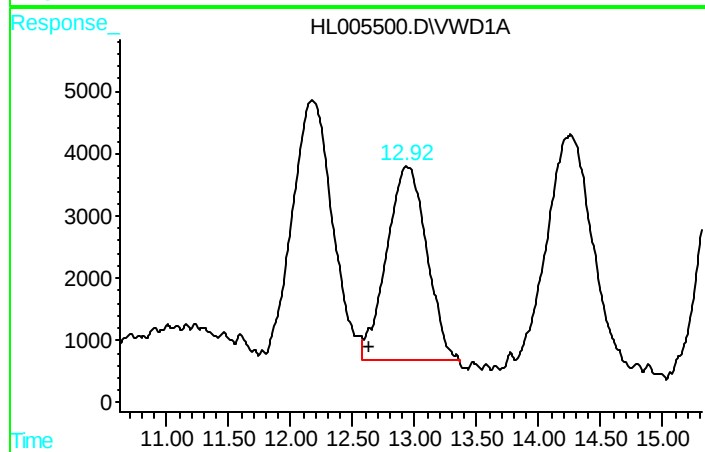
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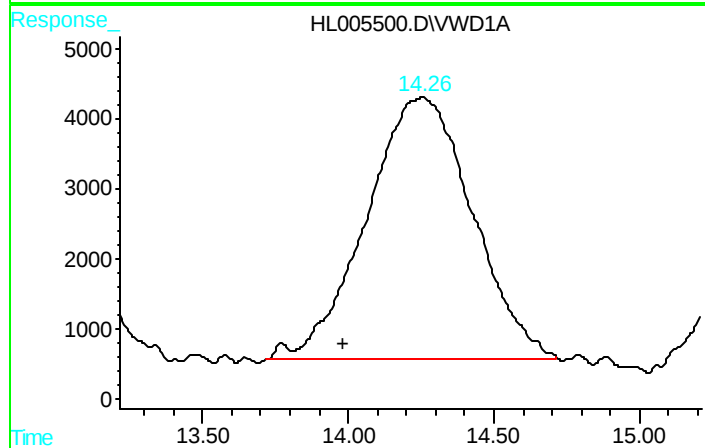
#14 2-Nitrotoluene

R.T.: 12.171 min
Delta R.T.: 0.211 min
Response: 887700
Conc: 139.08 ug/L m



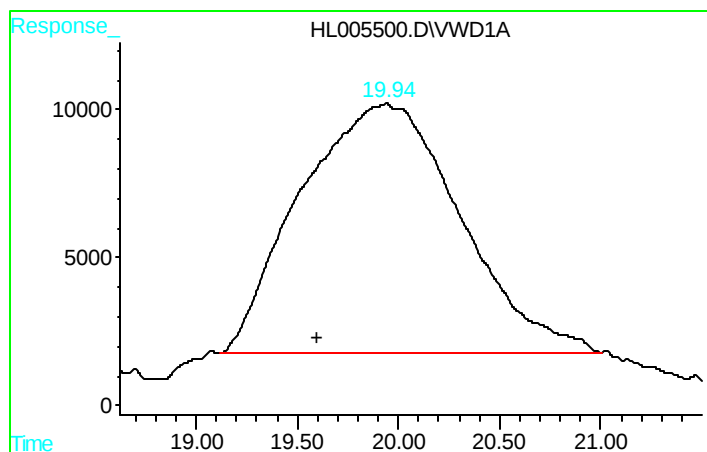
#15 4-Nitrotoluene

R.T.: 12.923 min
Delta R.T.: 0.286 min
Response: 695720
Conc: 128.96 ug/L m



#16 3-Nitrotoluene

R.T.: 14.255 min
Delta R.T.: 0.275 min
Response: 936621
Conc: 134.78 ug/L m



#17 PETN

R.T.: 19.941 min
Delta R.T.: 0.341 min
Response: 4599031
Conc: 490.89 ug/L m

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