

Data File : S:\HPCHEM1\HPLC_L\DATA\HL071113\HL005545.D Vial: 12
 Acq On : 11-Jul-2013, 22:44 Operator: QM
 Sample : PB70848BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 12 5:17 2013 Quant Results File: HL071113.RES

Instrument :
 HPLC_L
 ClientSampleId :
 PB70848BS

Manual Integrations
 APPROVED

QI
 7/12/2013 11:16:54 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	1.30	1389444	348.834 ug/L
Target Compounds			
2) T HMX	0.88	1002482	244.386 ug/L
3) T RDX	1.71	1442286	283.876 ug/L
4) T 1,3,5-Trinitrobenzene	2.67	3017091	274.874 ug/L
5) T 1,3-Dinitrobenzene	3.56	4265434	273.107 ng/ml
6) T 3,5-Dinitroaniline	3.95	4021537	302.329 ug/L
7) T Nitrobenzene	4.77	2608463	276.046 ug/L
8) T Tetryl	6.31	1396327	246.363 ug/L m
9) T 2,4,6-Trinitrotoluene	6.50	2988099	252.884 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.09	2804356	253.800 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.48	1732688	310.181 ug/L
12) T 2,4-Dinitrotoluene	8.19	3953655	269.287 ug/L
13) T 2,6-Dinitrotoluene	8.61	2072674	270.800 ug/L
14) T 2-Nitrotoluene	11.84	1579752	256.057 ug/L m
15) T 4-Nitrotoluene	12.60	1259653	248.362 ug/L
16) T 3-Nitrotoluene	13.87	1887472	299.182 ug/L
17) T PETN	19.45	4301287	449.937 ug/L

 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.

HL005545.D HL071113.M

Tue Jul 16 08:03:45 2013

RPT1

Quantitation Report

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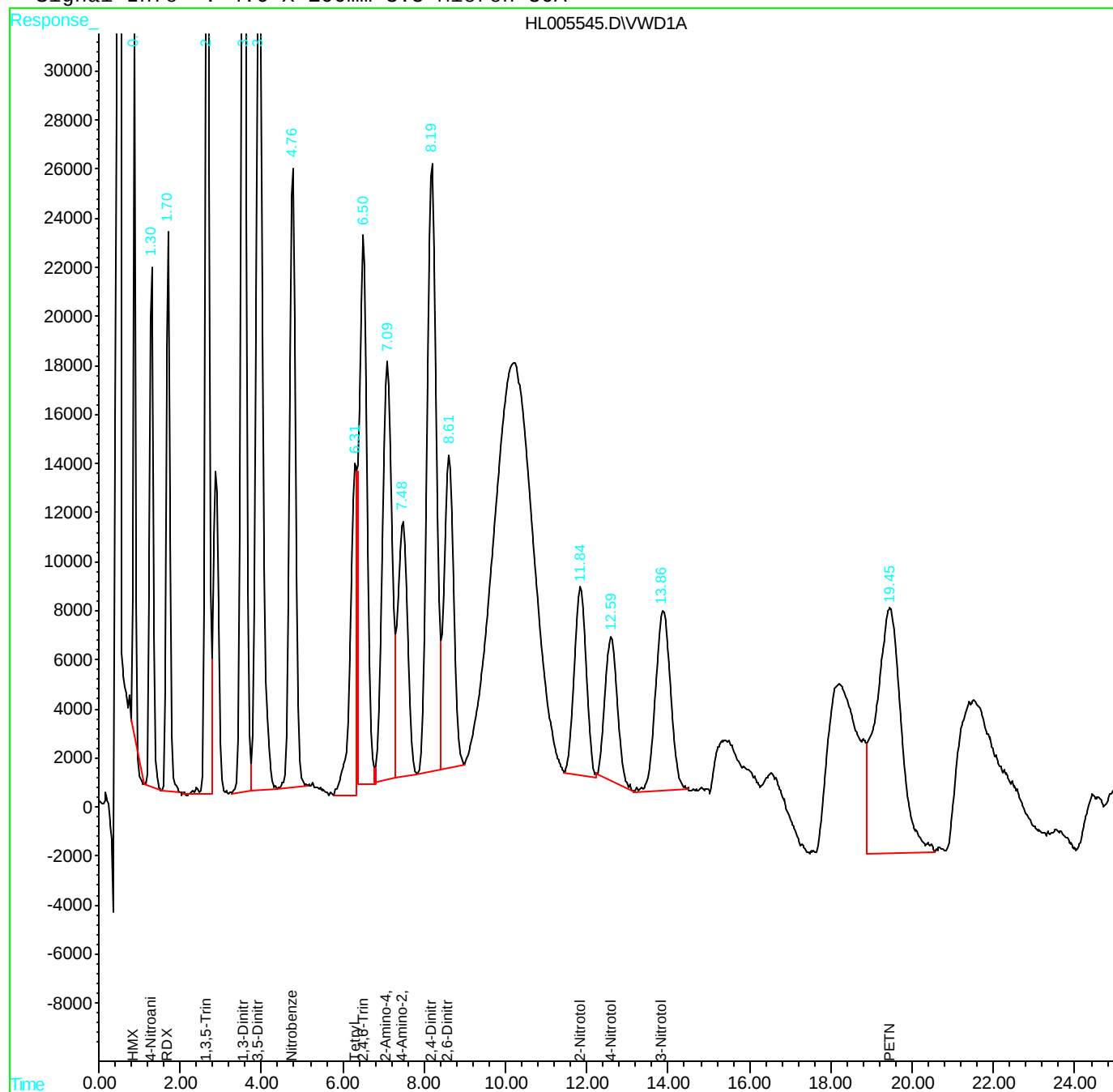
Instrument :
 HPLC_L
 ClientSampleId :
 PB70848BS

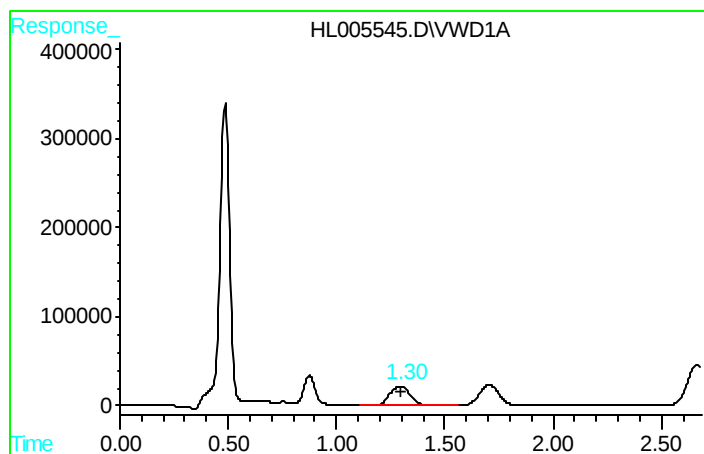
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL071113.M
 Title :
 Last Update : Fri Jul 12 04:48:32 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





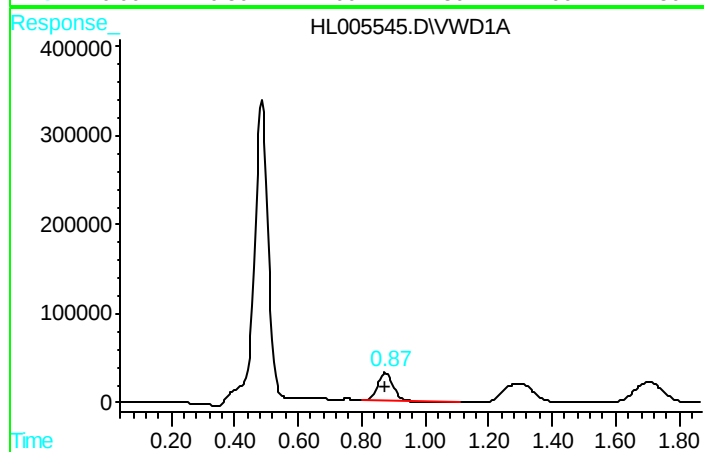
#1 4-Nitroaniline

R.T.: 1.296 min
Delta R.T.: 0.000 min
Response: 1389444
Conc: 348.83 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB70848BS

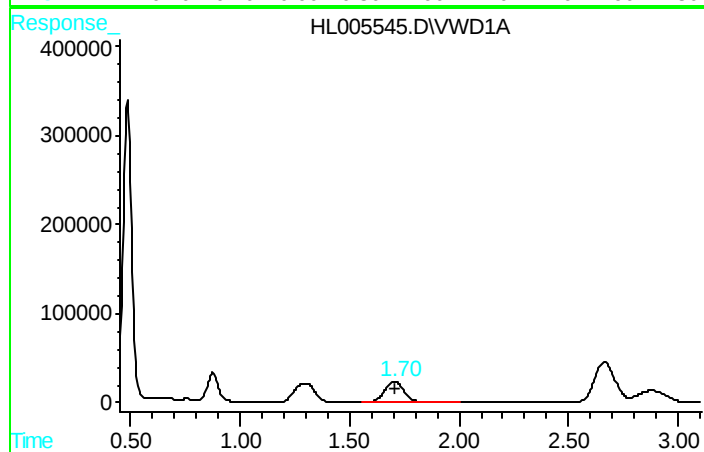
Manual Integrations
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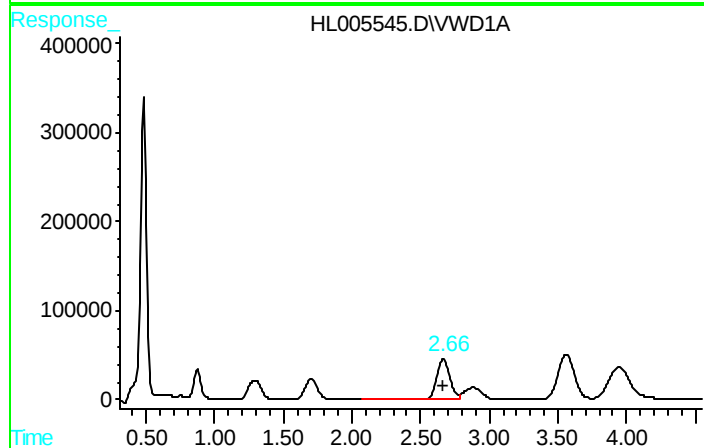
#2 HMX

R.T.: 0.876 min
Delta R.T.: 0.000 min
Response: 1002482
Conc: 244.39 ug/L



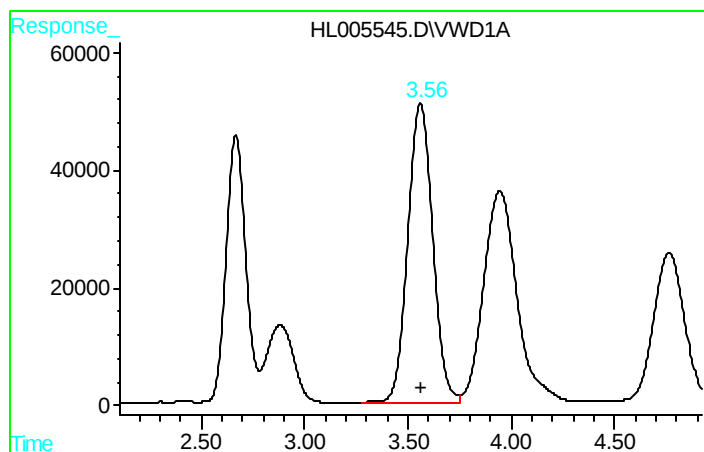
#3 RDX

R.T.: 1.705 min
Delta R.T.: 0.000 min
Response: 1442286
Conc: 283.88 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.666 min
Delta R.T.: 0.002 min
Response: 3017091
Conc: 274.87 ug/L



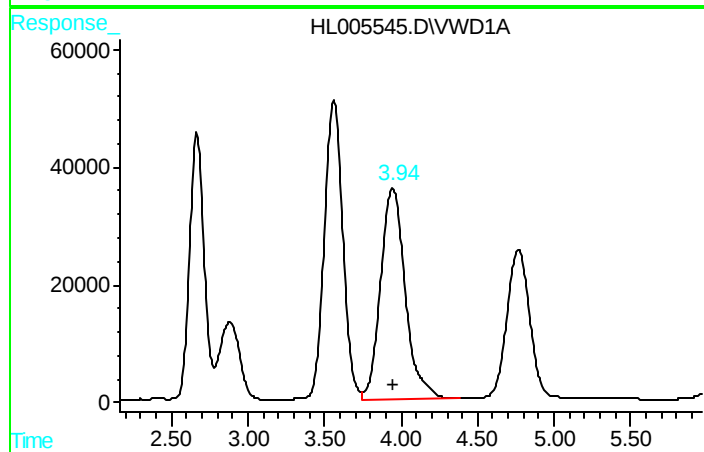
#5 1,3-Dinitrobenzene

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 4265434
Conc: 273.11 ng/ml

Instrument :
HPLC_L
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PB70848BS

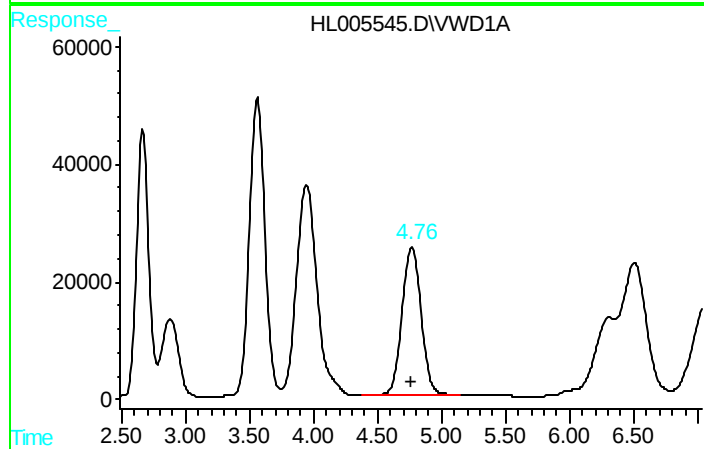
Manual Integrations
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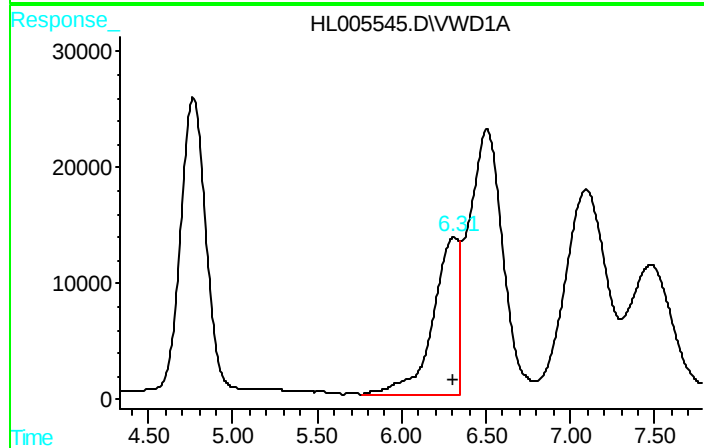
#6 3,5-Dinitroaniline

R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 4021537
Conc: 302.33 ug/L



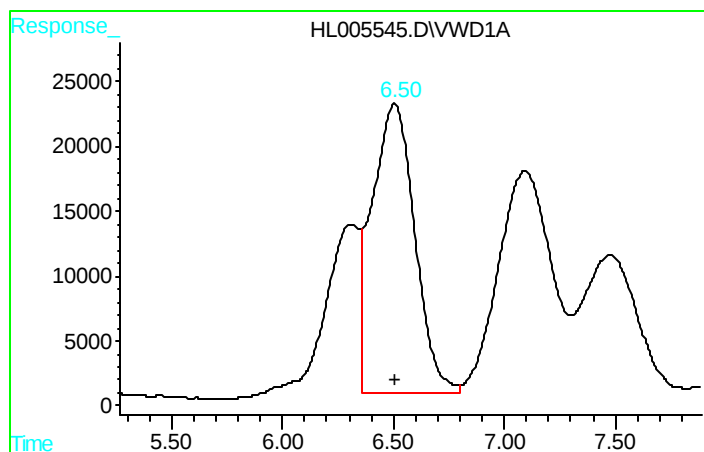
#7 Nitrobenzene

R.T.: 4.767 min
Delta R.T.: 0.000 min
Response: 2608463
Conc: 276.05 ug/L



#8 Tetryl

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 1396327
Conc: 246.36 ug/L m



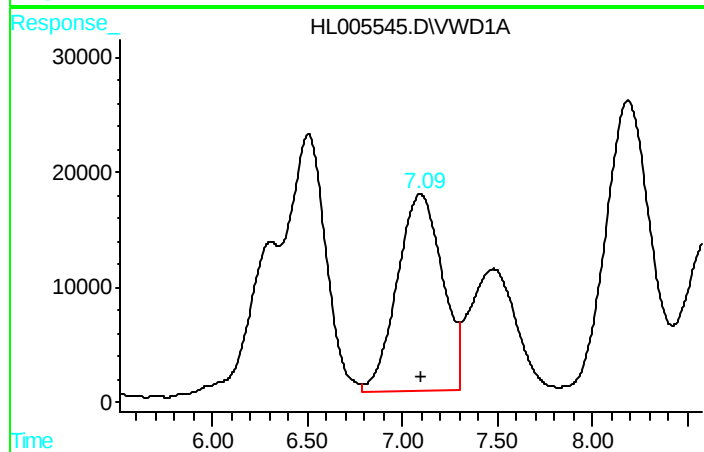
#9 2,4,6-Trinitrotoluene

R.T.: 6.503 min
Delta R.T.: 0.000 min
Response: 2988099
Conc: 252.88 ug/L m

Instrument :
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PB70848BS

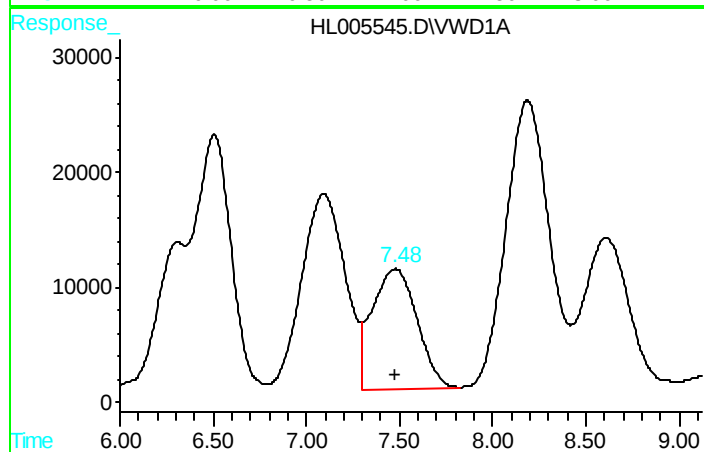
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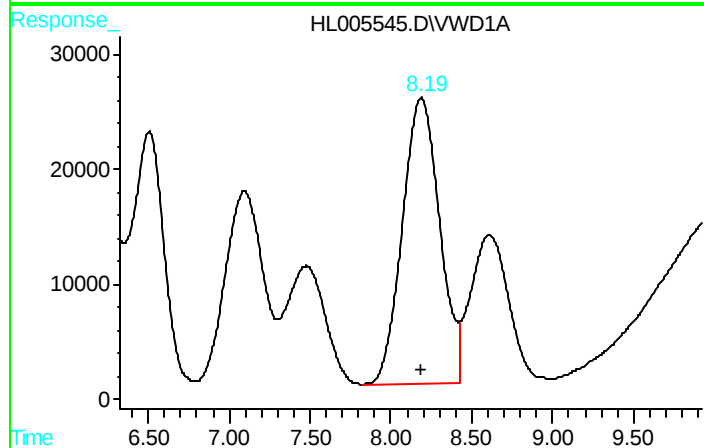
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 2804356
Conc: 253.80 ug/L



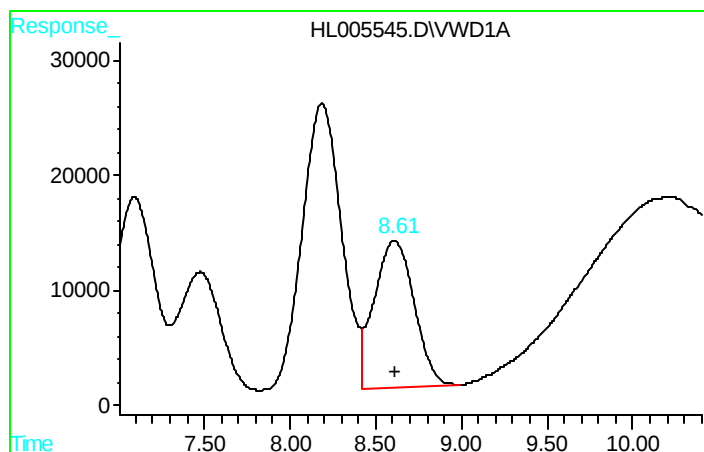
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 1732688
Conc: 310.18 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.187 min
Delta R.T.: 0.000 min
Response: 3953655
Conc: 269.29 ug/L



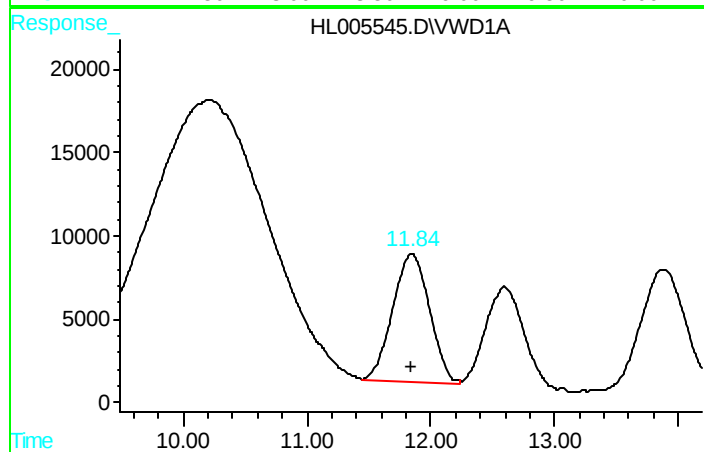
#13 2,6-Dinitrotoluene

R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 2072674
Conc: 270.80 ug/L

Instrument :
HPLC_L
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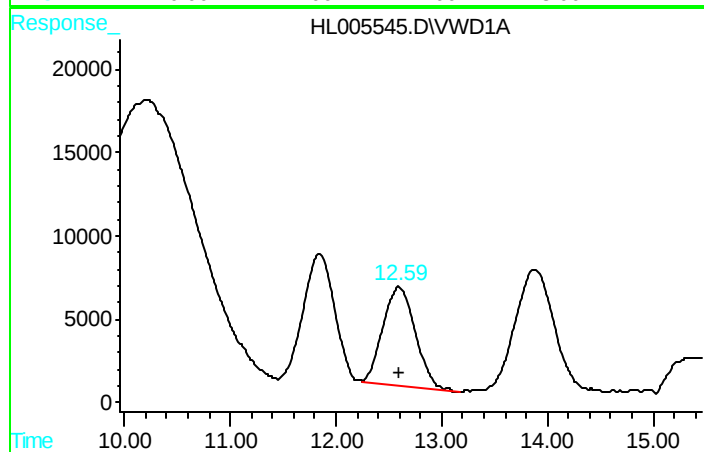
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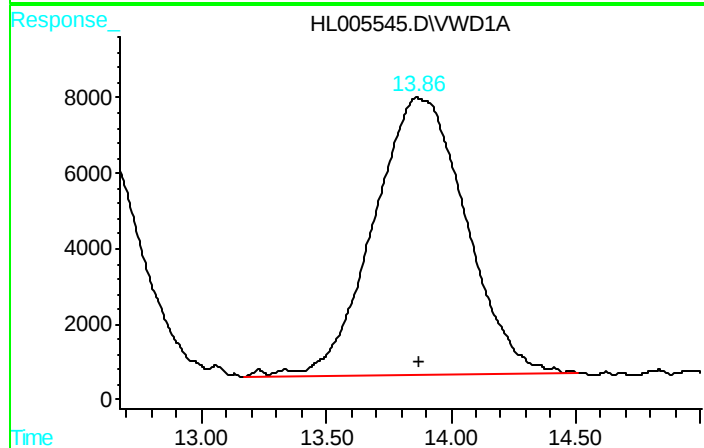
#14 2-Nitrotoluene

R.T.: 11.841 min
Delta R.T.: 0.000 min
Response: 1579752
Conc: 256.06 ug/L m



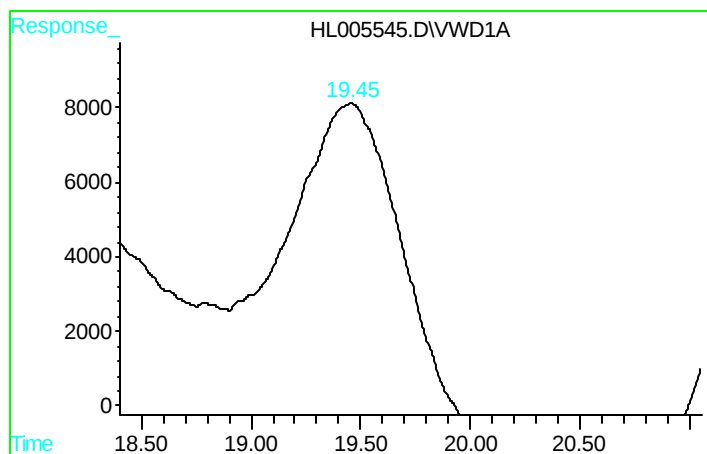
#15 4-Nitrotoluene

R.T.: 12.596 min
Delta R.T.: 0.000 min
Response: 1259653
Conc: 248.36 ug/L



#16 3-Nitrotoluene

R.T.: 13.869 min
Delta R.T.: 0.000 min
Response: 1887472
Conc: 299.18 ug/L



#17 PETN

R.T.: 19.450 min
Delta R.T.: 0.000 min
Response: 4301287
Conc: 449.94 ug/L

Instrument :

HPLC_L

ClientSampleId :

PB70848BS

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