

Data Path : S:\HPCHEM1\HPLC_L\Data\HL052813\
 Data File : HL005298.D
 Signal(s) : VWD1A.CH
 Acq On : 28-May-2013, 19:23
 Operator : QM
 Sample : LOD-S-50PPB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleID :
 LOD-S-50PPB

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jun 03 05:50:53 2013
 Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL052213.M
 Quant Title :
 QLast Update : Thu May 23 10:06:03 2013
 Response via : Initial Calibration
 Integrator: ChemStation

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	1.355	640397	161.302 ug/L
Target Compounds			
2) T HMX	0.907	227524	50.161 ug/L m
3) T RDX	1.756	294320	55.549 ug/L
4) T 1,3,5-Trinitrobenzene	2.750	591269	54.656 ug/L
5) T 1,3-Dinitrobenzene	3.669	865230	56.045 ng/mlm
6) T 3,5-Dinitroaniline	4.040	710674	52.528 ug/L m
7) T Nitrobenzene	4.931	476117	46.478 ug/L m
8) T Tetryl	6.553	295474	43.906 ug/L m
9) T 2,4,6-Trinitrotoluene	6.791	593504	52.717 ug/L m
10) T 2-Amino-4,6-dinitroto...	7.373	598510	55.860 ug/L
11) T 4-Amino-2,6-dinitroto...	7.783	356781	63.981 ug/L m
12) T 2,4-Dinitrotoluene	8.547	830257	54.852 ug/L
13) T 2,6-Dinitrotoluene	9.005	481204	59.172 ug/L
14) T 2-Nitrotoluene	12.355	357700	50.428 ug/L m
15) T 4-Nitrotoluene	13.204	235081	42.026 ug/L m
16) T 3-Nitrotoluene	14.507	459330	69.282 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

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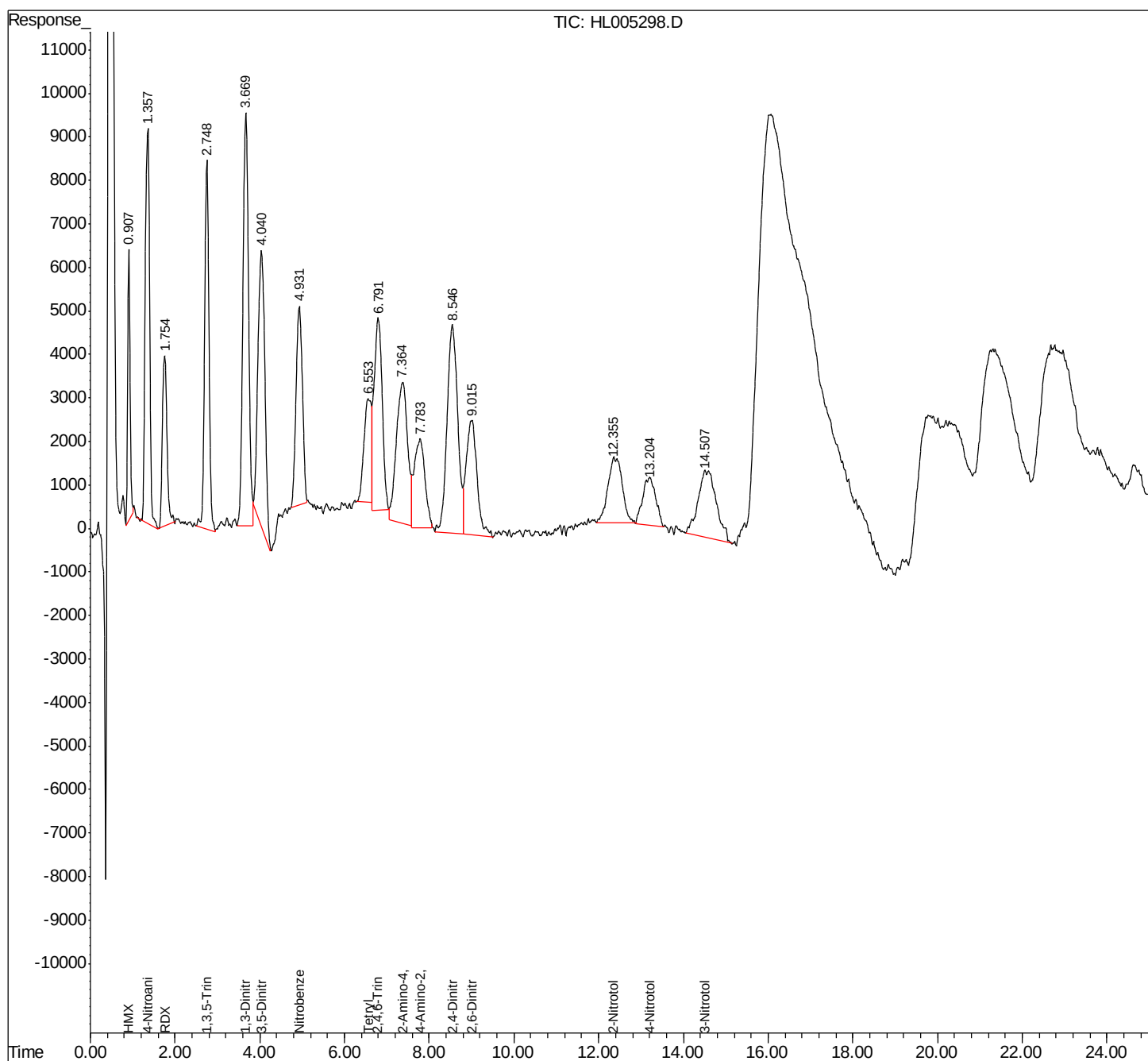
Instrument :
HPLC_L
ClientSampleId :
LOD-S-50PPB

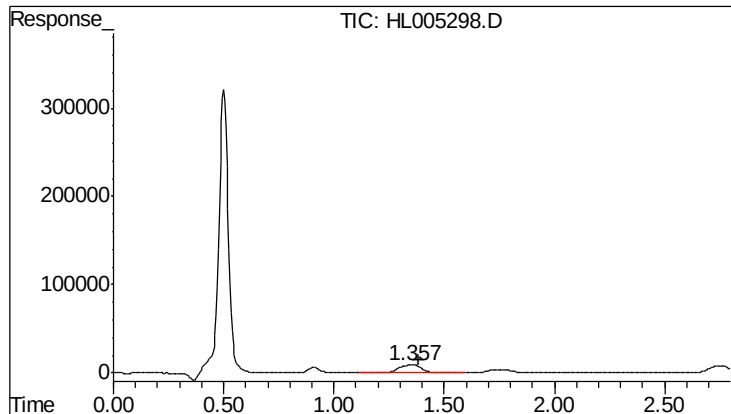
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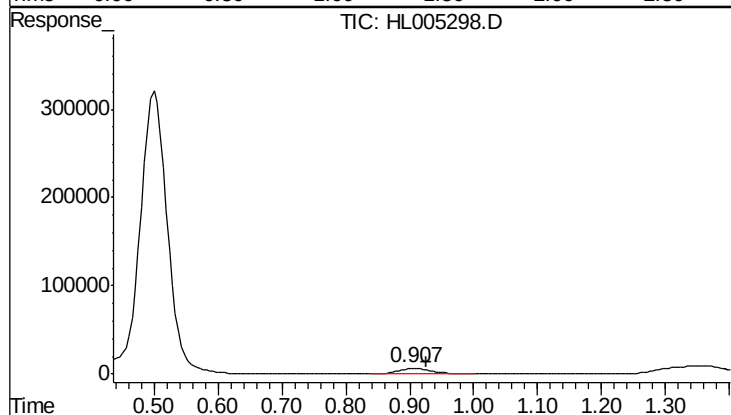
#1 4-Nitroaniline

R.T.: 1.355 min
Delta R.T.: -0.027 min
Response: 640397
Conc: 161.30 ug/L

Instrument :
HPLC_L
ClientSampleId :
LOD-S-50PPB

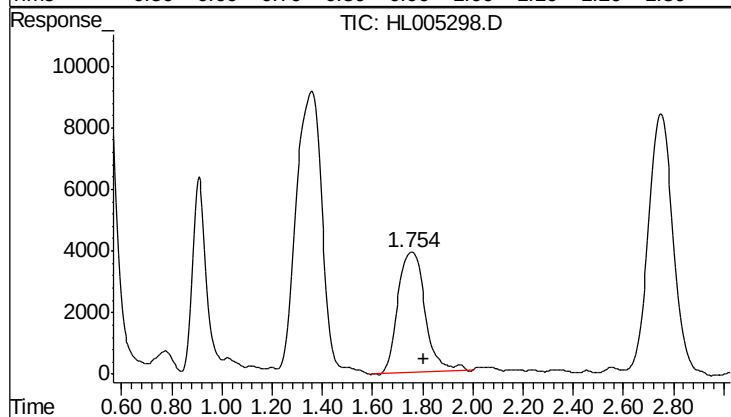
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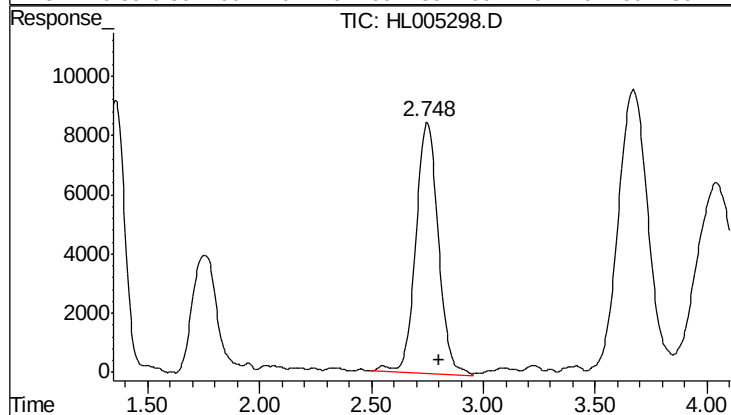
#2 HMX

R.T.: 0.907 min
Delta R.T.: -0.019 min
Response: 227524
Conc: 50.16 ug/L m



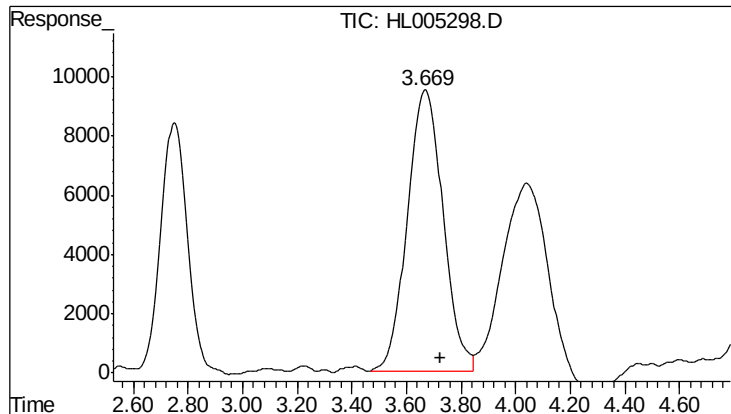
#3 RDX

R.T.: 1.756 min
Delta R.T.: -0.047 min
Response: 294320
Conc: 55.55 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.750 min
Delta R.T.: -0.055 min
Response: 591269
Conc: 54.66 ug/L



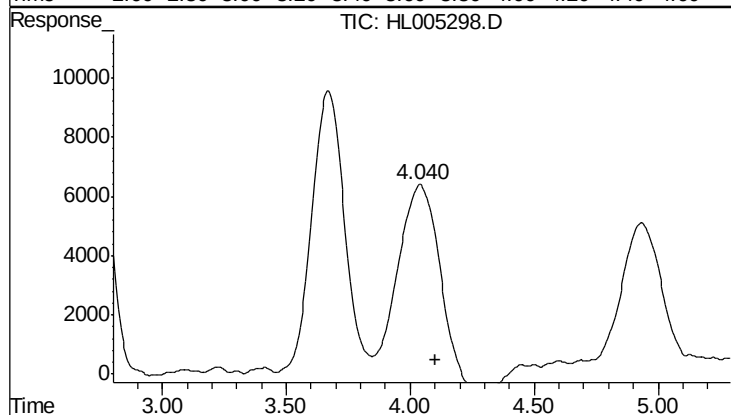
#5 1,3-Dinitrobenzene

R.T.: 3.669 min
Delta R.T.: -0.059 min
Response: 865230
Conc: 56.05 ng/ml

Instrument :
HPLC_L
ClientSampleId :
LOD-S-50PPB

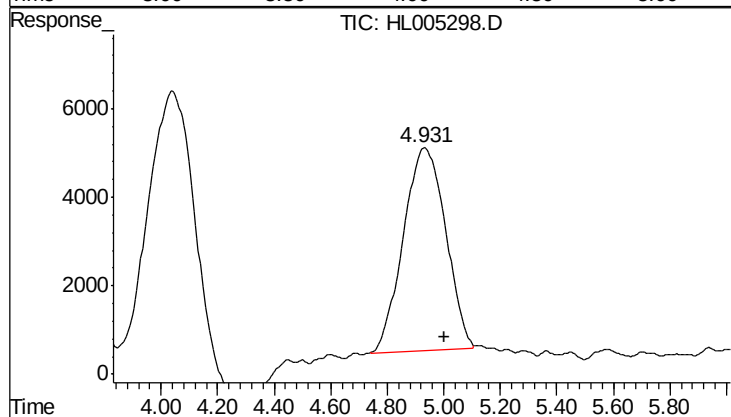
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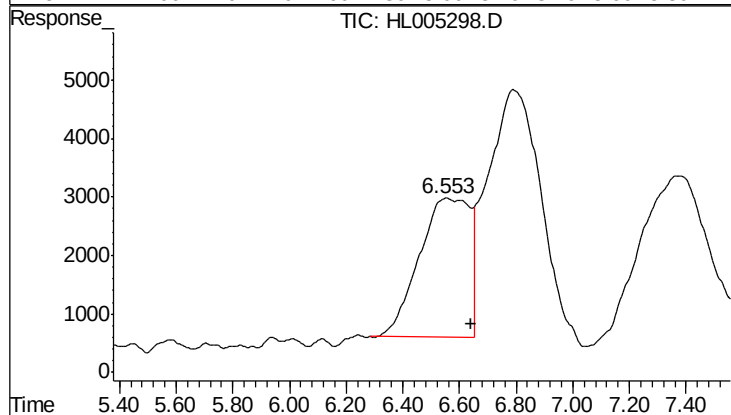
#6 3,5-Dinitroaniline

R.T.: 4.040 min
Delta R.T.: -0.062 min
Response: 710674
Conc: 52.53 ug/L m



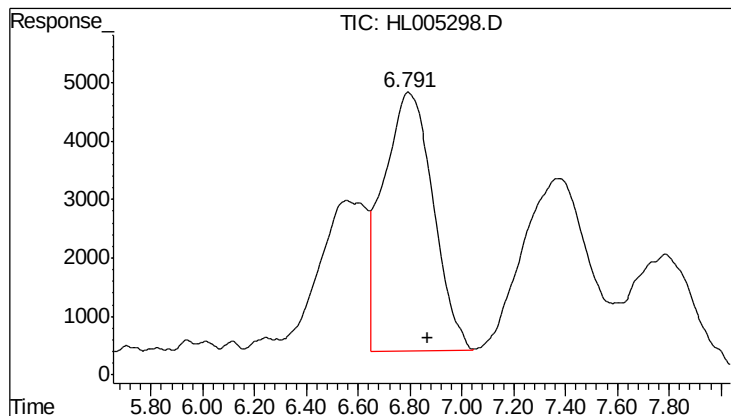
#7 Nitrobenzene

R.T.: 4.931 min
Delta R.T.: -0.072 min
Response: 476117
Conc: 46.48 ug/L m



#8 Tetryl

R.T.: 6.553 min
Delta R.T.: -0.087 min
Response: 295474
Conc: 43.91 ug/L m



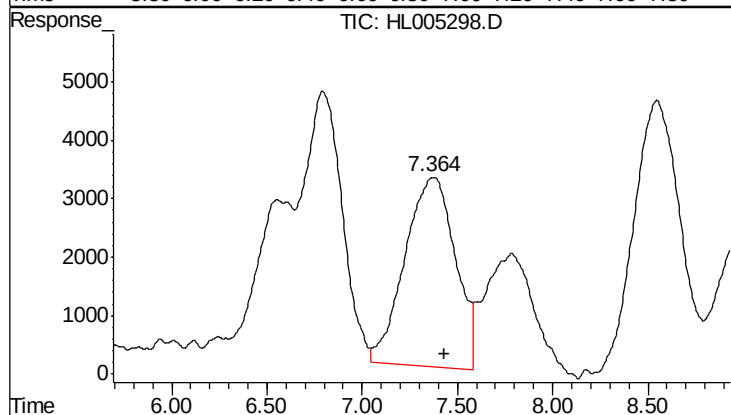
#9 2,4,6-Trinitrotoluene

R.T.: 6.791 min
Delta R.T.: -0.079 min
Response: 593504
Conc: 52.72 ug/L m

Instrument :
HPLC_L
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LOD-S-50PPB

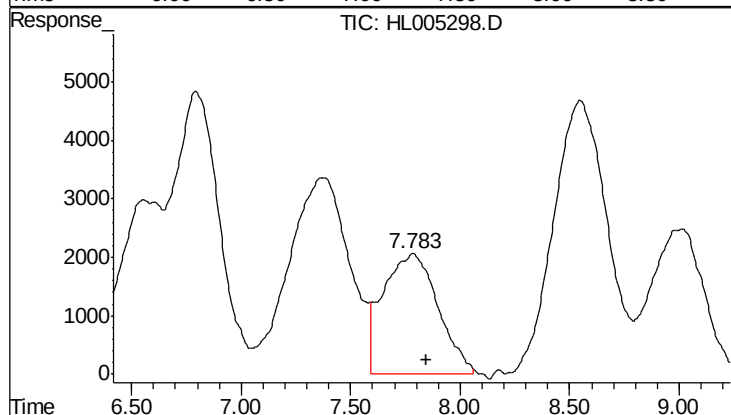
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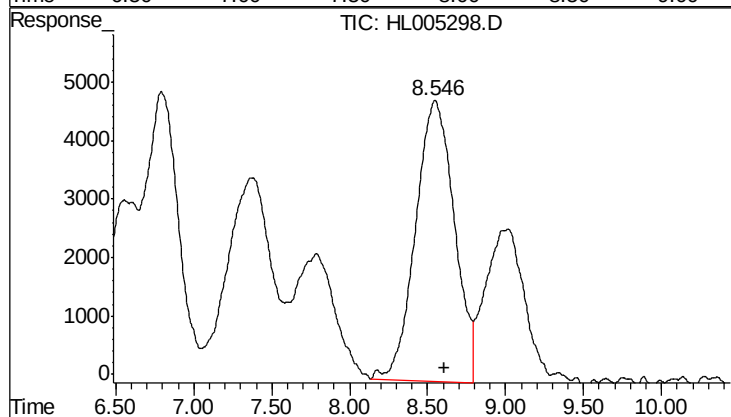
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.373 min
Delta R.T.: -0.058 min
Response: 598510
Conc: 55.86 ug/L



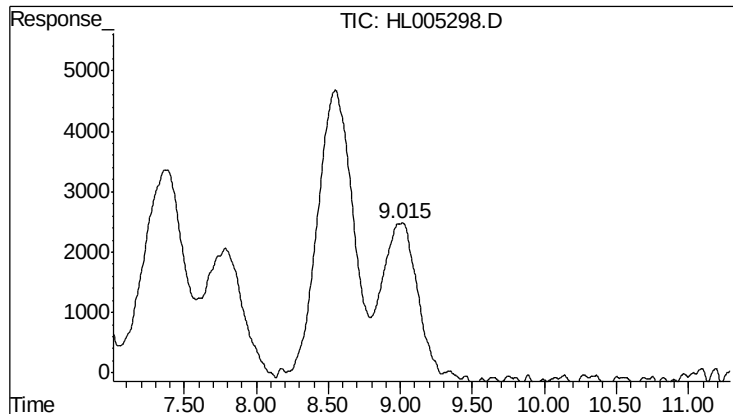
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.783 min
Delta R.T.: -0.061 min
Response: 356781
Conc: 63.98 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.547 min
Delta R.T.: -0.064 min
Response: 830257
Conc: 54.85 ug/L



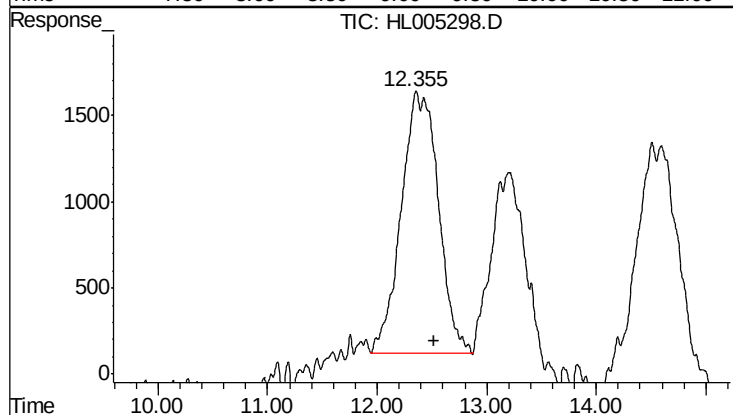
#13 2,6-Dinitrotoluene

R.T.: 9.005 min
 Delta R.T.: -0.051 min
 Response: 481204
 Conc: 59.17 ug/L

Instrument :
 HPLC_L
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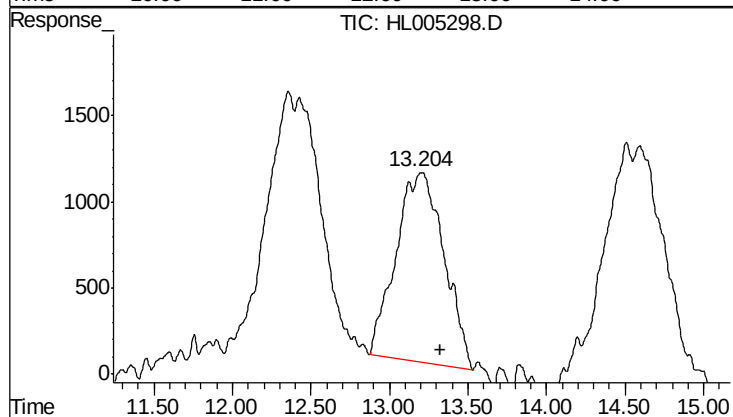
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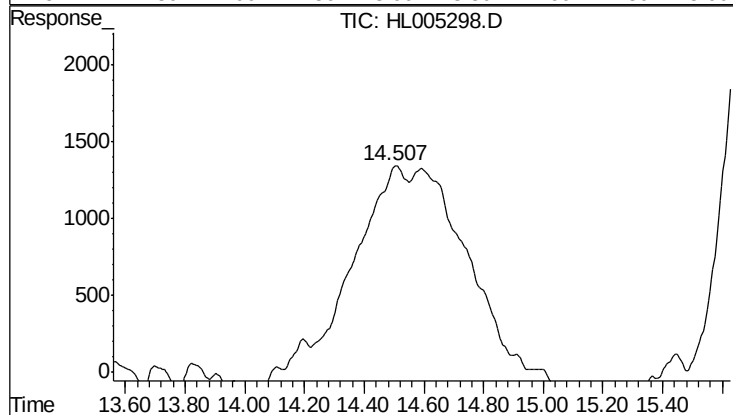
#14 2-Nitrotoluene

R.T.: 12.355 min
 Delta R.T.: -0.163 min
 Response: 357700
 Conc: 50.43 ug/L m



#15 4-Nitrotoluene

R.T.: 13.204 min
 Delta R.T.: -0.122 min
 Response: 235081
 Conc: 42.03 ug/L m



#16 3-Nitrotoluene

R.T.: 14.507 min
 Delta R.T.: -0.155 min
 Response: 459330
 Conc: 69.28 ug/L m