

Data Path : S:\HPCHEM1\HPLC_L\Data\HL092512\
 Data File : HL003538.D
 Signal(s) : VWD1A.CH
 Acq On : 25-Sep-2012, 19:34
 Operator : HLM
 Sample : D4282-02MSD1
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleID :
 AI-W-2MSD1

Manual Integrations
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 9/27/2012 3:44:05 AM

Integration File: events.e
 Quant Time: Sep 27 03:31:54 2012
 Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL091912.M
 Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
 QLast Update : Tue Sep 25 17:44:26 2012
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.336	635443	171.025 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery =	57.01%
Target Compounds			
2) T HMX	0.899	470205	120.197 ug/L
3) T RDX	1.722	572858	110.161 ug/L
4) T 1,3,5-Trinitrobenzene	2.689	1526796	125.762 ug/L
5) T Tetryl	6.004	942690	110.451 ug/L
6) T 2,4,6-Trinitrotoluene	6.403	1639184	145.473 ug/L
7) T 2-Amino-4,6-dinitroto...	6.830	1381349	126.897 ug/L
8) T 4-Amino-2,6-dinitroto...	7.132	1034587	149.711 ug/L
9) T 2,4-Dinitrotoluene	7.990	1993544	132.072 ug/L
10) T 2,6-Dinitrotoluene	8.343	1118488	128.500 ug/L
11) T 1,3-Dinitrobenzene	3.555	2165667	136.698 ug/L
12) T Nitrobenzene	4.769	1329170	129.279 ug/L
13) T 2-Nitrotoluene	11.509	906208	137.416 ug/L
14) T 3-Nitrotoluene	13.491	1016781	143.771 ug/L
15) T 4-Nitrotoluene	12.261	790258	143.167 ug/L
16) T 3,5-Dinitroaniline	3.869	1723302	112.678 ug/L
18) T PETN	18.297	1112129	114.948 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

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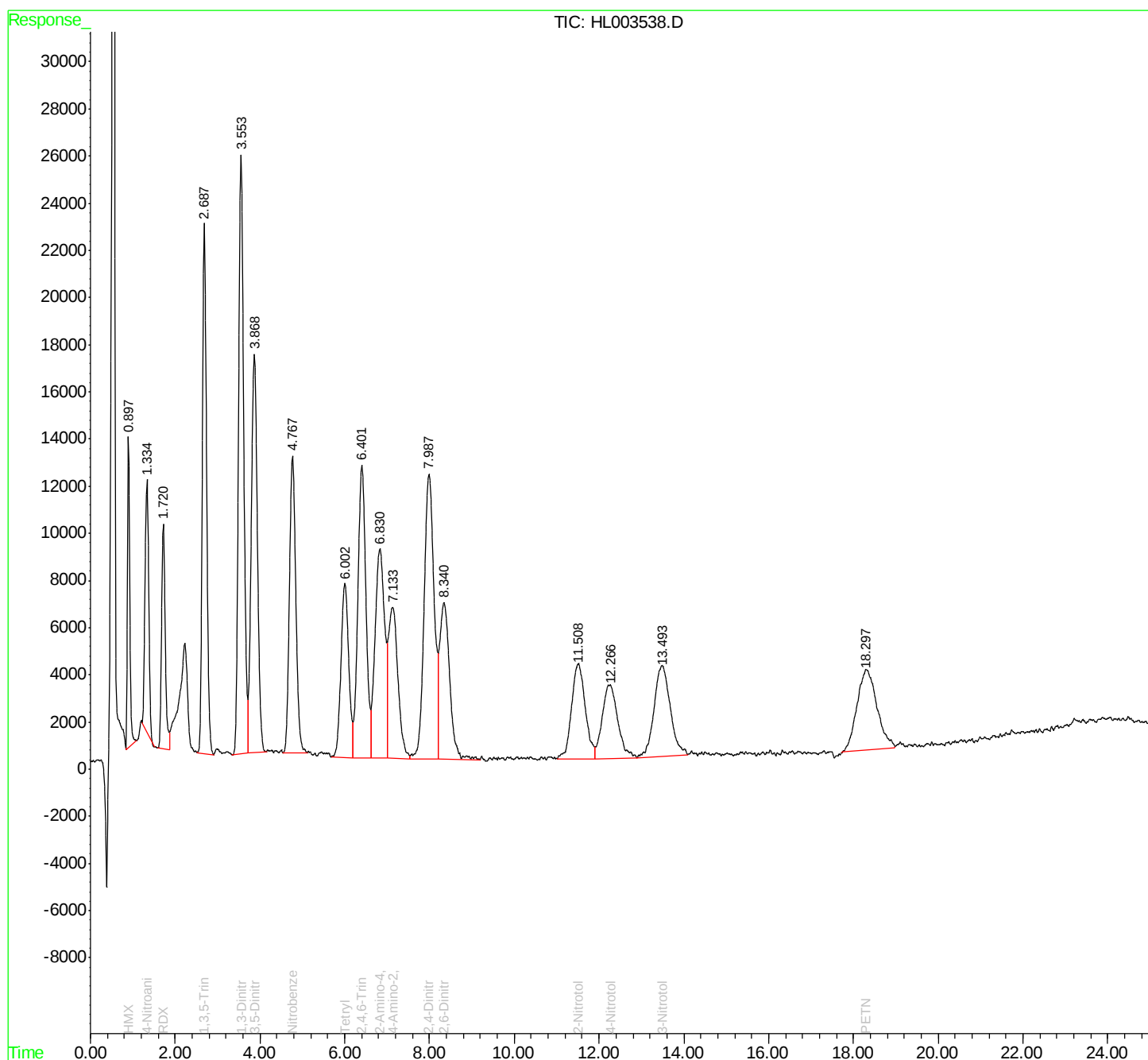
Instrument :
HPLC_L
ClientSampleId :
AI-W-2MSD1

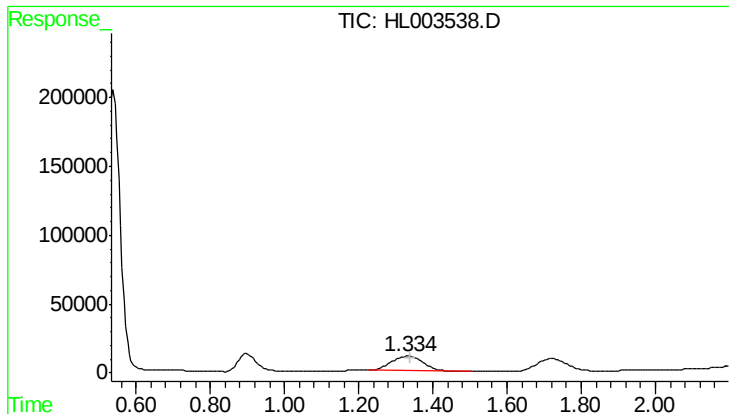
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Signal Phase :
Signal Info :





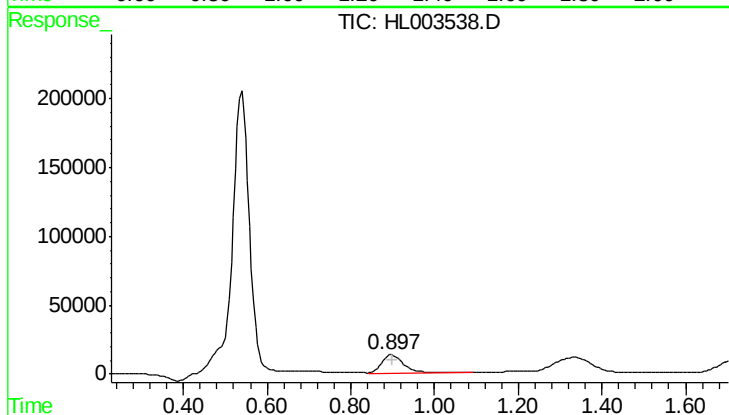
#1 4-Nitroaniline

R.T.: 1.336 min
Delta R.T.: -0.004 min
Response: 635443
Conc: 171.02 ug/L

Instrument :
HPLC_L
ClientSampleId :
AI-W-2MSD1

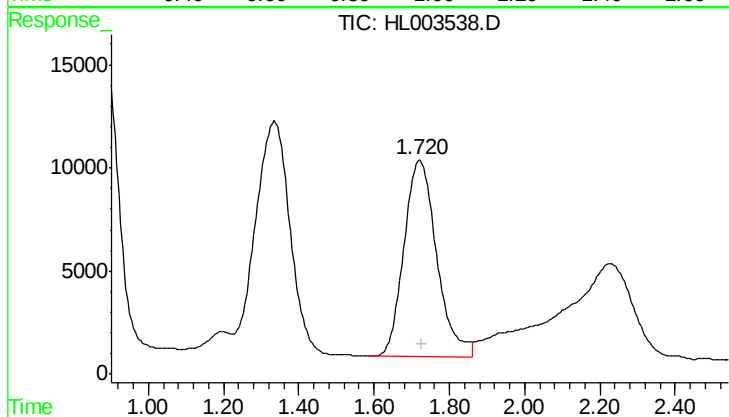
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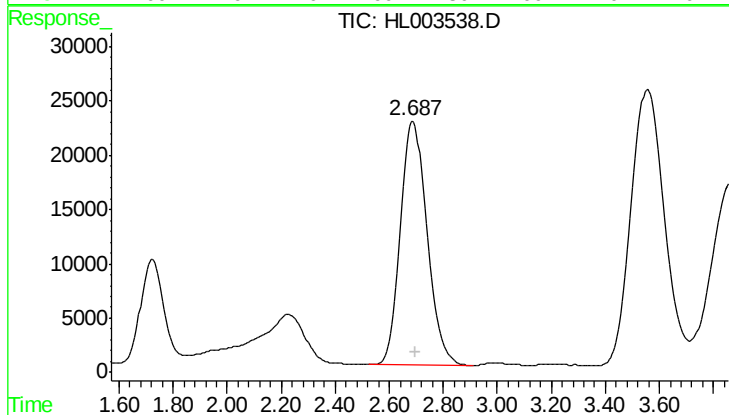
#2 HMX

R.T.: 0.899 min
Delta R.T.: -0.002 min
Response: 470205
Conc: 120.20 ug/L



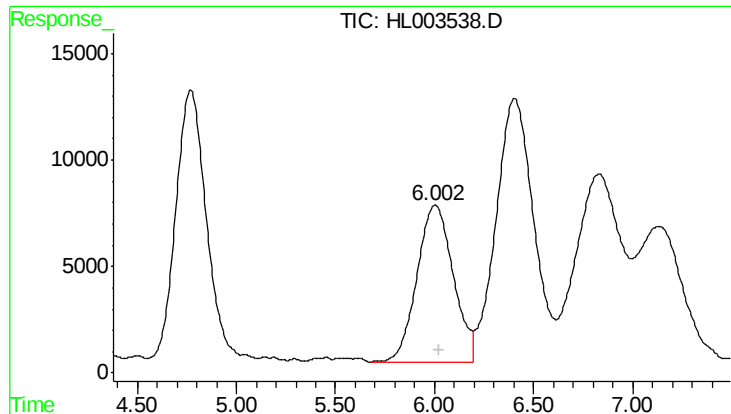
#3 RDX

R.T.: 1.722 min
Delta R.T.: -0.004 min
Response: 572858
Conc: 110.16 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.689 min
Delta R.T.: -0.006 min
Response: 1526796
Conc: 125.76 ug/L



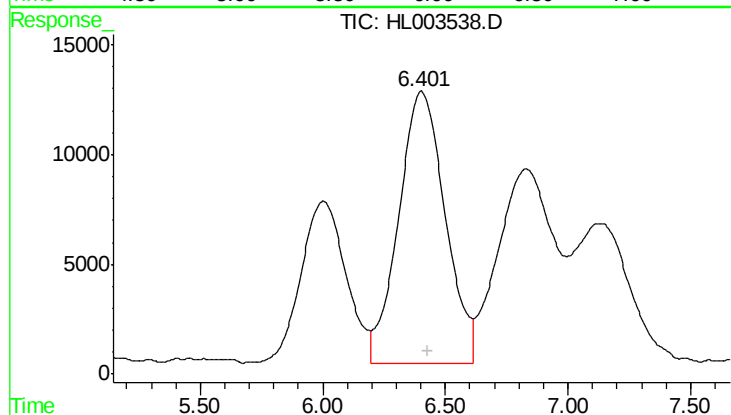
#5 Tetryl

R.T.: 6.004 min
Delta R.T.: -0.018 min
Response: 942690
Conc: 110.45 ug/L

Instrument :
HPLC_L
ClientSampleId :
AI-W-2MSD1

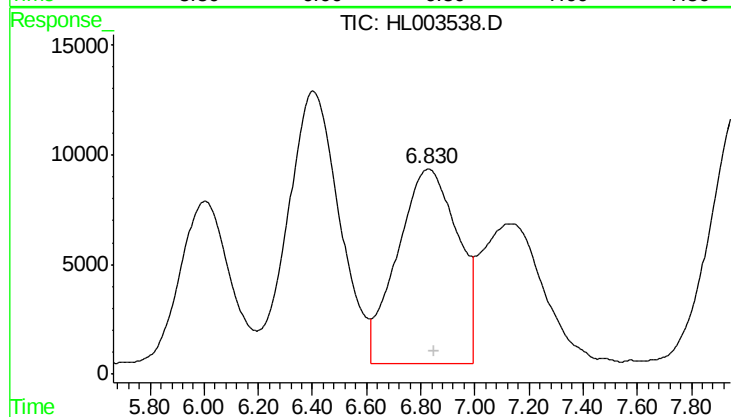
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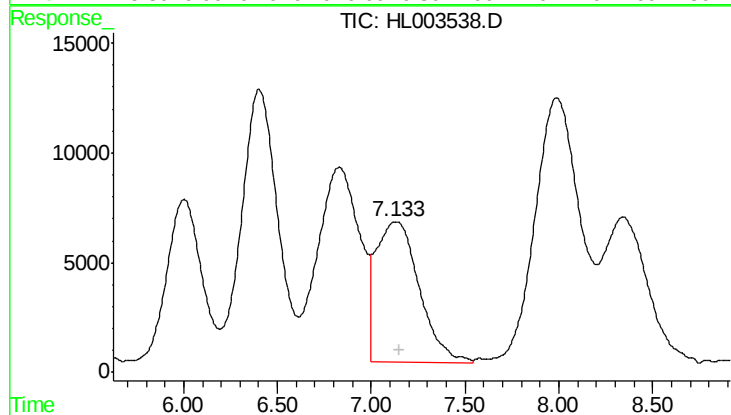
#6 2,4,6-Trinitrotoluene

R.T.: 6.403 min
Delta R.T.: -0.023 min
Response: 1639184
Conc: 145.47 ug/L



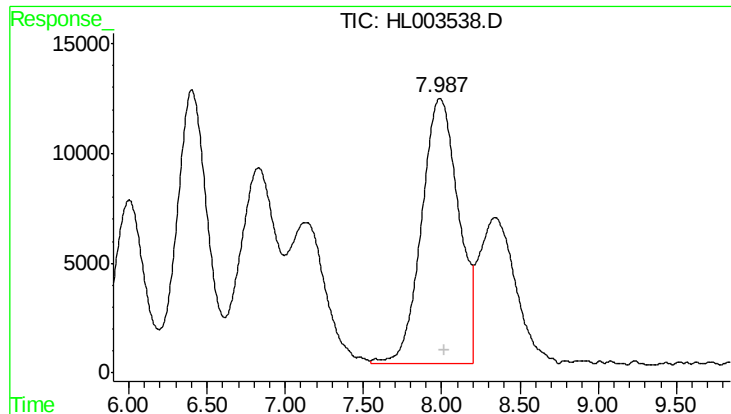
#7 2-Amino-4,6-dinitrotoluene

R.T.: 6.830 min
Delta R.T.: -0.020 min
Response: 1381349
Conc: 126.90 ug/L



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.132 min
Delta R.T.: -0.022 min
Response: 1034587
Conc: 149.71 ug/L



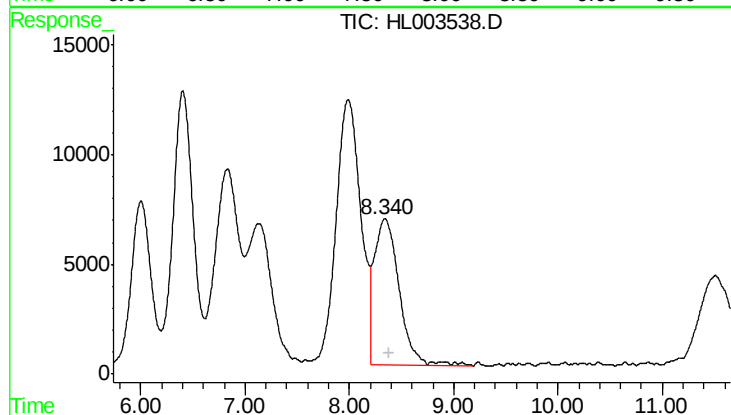
#9 2,4-Dinitrotoluene

R.T.: 7.990 min
Delta R.T.: -0.028 min
Response: 1993544
Conc: 132.07 ug/L

Instrument :
HPLC_L
ClientSampleId :
AI-W-2MSD1

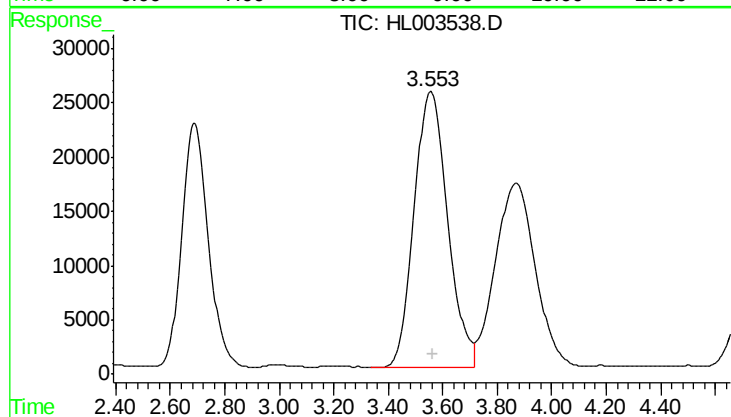
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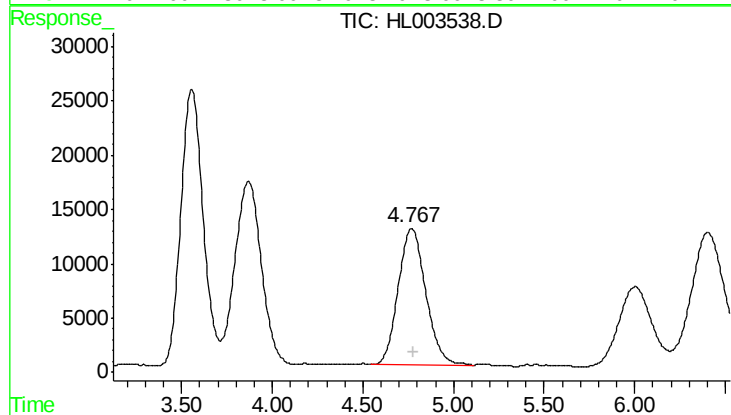
#10 2,6-Dinitrotoluene

R.T.: 8.343 min
Delta R.T.: -0.035 min
Response: 1118488
Conc: 128.50 ug/L



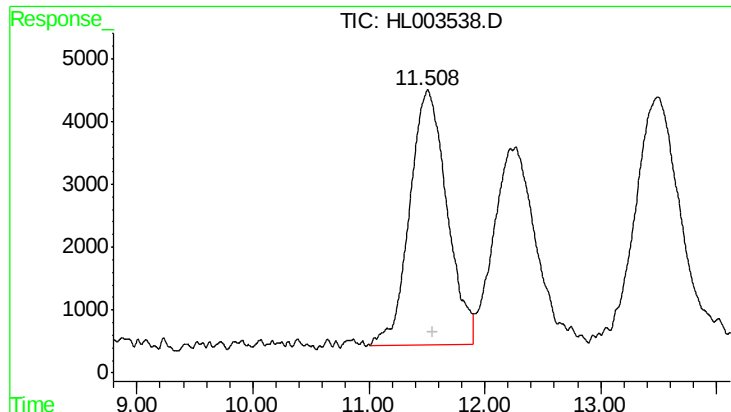
#11 1,3-Dinitrobenzene

R.T.: 3.555 min
Delta R.T.: -0.006 min
Response: 2165667
Conc: 136.70 ug/L



#12 Nitrobenzene

R.T.: 4.769 min
Delta R.T.: -0.010 min
Response: 1329170
Conc: 129.28 ug/L



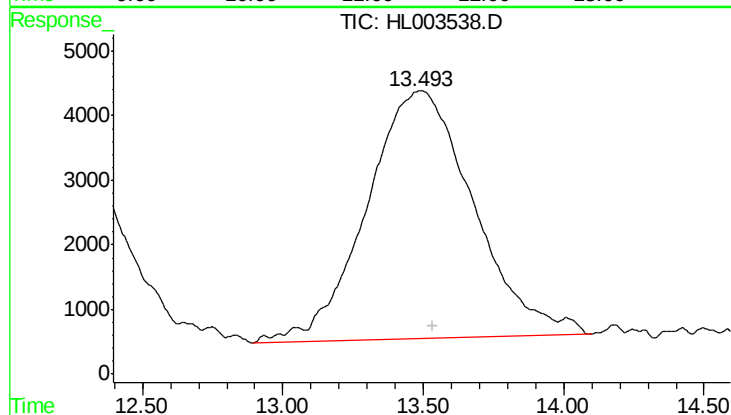
#13 2-Nitrotoluene

R.T.: 11.509 min
Delta R.T.: -0.044 min
Response: 906208
Conc: 137.42 ug/L

Instrument :
HPLC_L
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AI-W-2MSD1

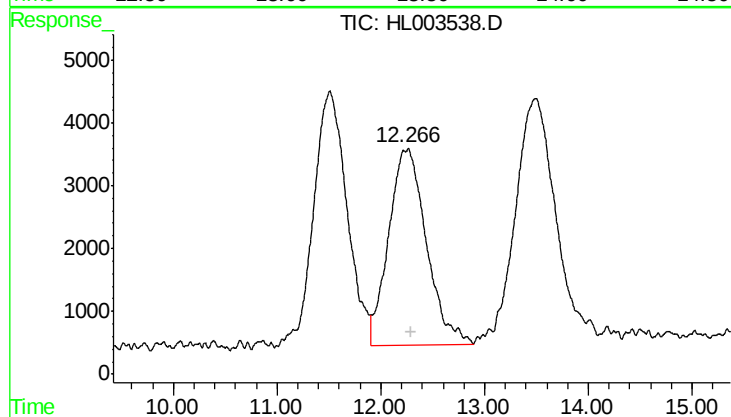
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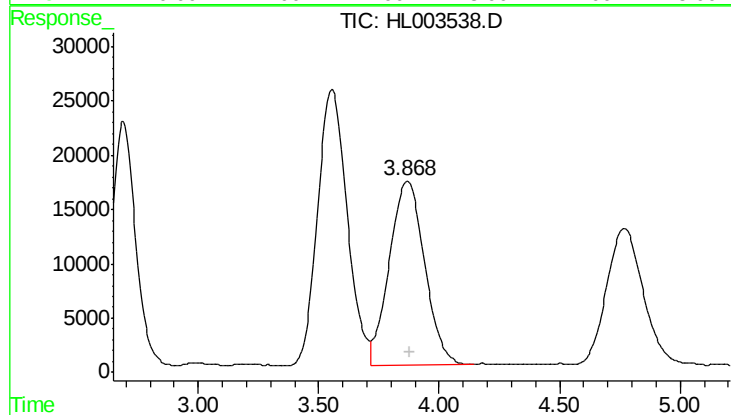
#14 3-Nitrotoluene

R.T.: 13.491 min
Delta R.T.: -0.041 min
Response: 1016781
Conc: 143.77 ug/L



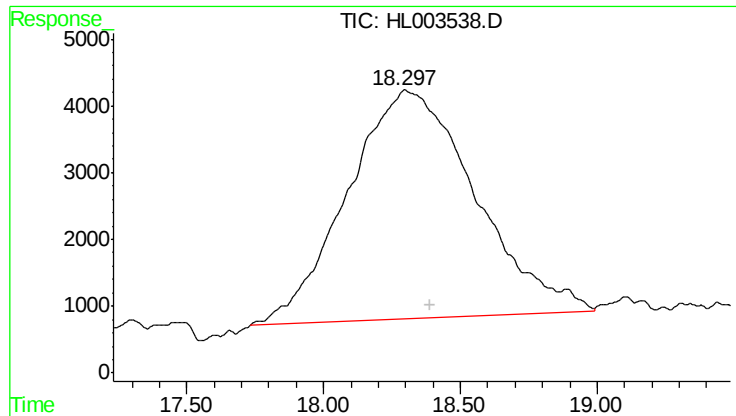
#15 4-Nitrotoluene

R.T.: 12.261 min
Delta R.T.: -0.033 min
Response: 790258
Conc: 143.17 ug/L



#16 3,5-Dinitroaniline

R.T.: 3.869 min
Delta R.T.: -0.009 min
Response: 1723302
Conc: 112.68 ug/L



#18 PETN

R.T.: 18.297 min
Delta R.T.: -0.091 min
Response: 1112129
Conc: 114.95 ug/L m

Instrument :
HPLC_L
ClientSampleId :
AI-W-2MSD1

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