

Data Path : S:\HPCHEM1\HPLC_L\Data\HL052813\
 Data File : HL005296.D
 Signal(s) : VWD1A.CH
 Acq On : 28-May-2013, 18:29
 Operator : QM
 Sample : LOD-S-10PPB
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 LOD-S-10PPB

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jun 03 07:37:27 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	1.368	690525	173.928 ug/L
Target Compounds			
2) T HMX	0.916	56354	12.424 ug/L m
3) T RDX	1.801	70340	13.276 ug/L m
4) T 1,3,5-Trinitrobenzene	2.807	105724	9.773 ug/L m
5) T 1,3-Dinitrobenzene	3.748	171463	11.107 ng/mlm
6) T 3,5-Dinitroaniline	4.132	204697	15.130 ug/L m
7) T Nitrobenzene	5.005	98494	9.615 ug/L m
8) T Tetryl	6.675	79108	11.755 ug/L m
9) T 2,4,6-Trinitrotoluene	6.899	139319	12.375 ug/L m
10) T 2-Amino-4,6-dinitroto...	7.400	83481	7.791 ug/L m
11) T 4-Amino-2,6-dinitroto...	7.915	50310	9.022 ug/L m
12) T 2,4-Dinitrotoluene	8.668	157886	10.431 ug/L m
13) T 2,6-Dinitrotoluene	9.086	116175	14.286 ug/L m
14) T 2-Nitrotoluene	12.607	92706	13.070 ug/L m
15) T 4-Nitrotoluene	13.294	91487	16.355 ug/L m
16) T 3-Nitrotoluene	14.787	80427	12.131 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

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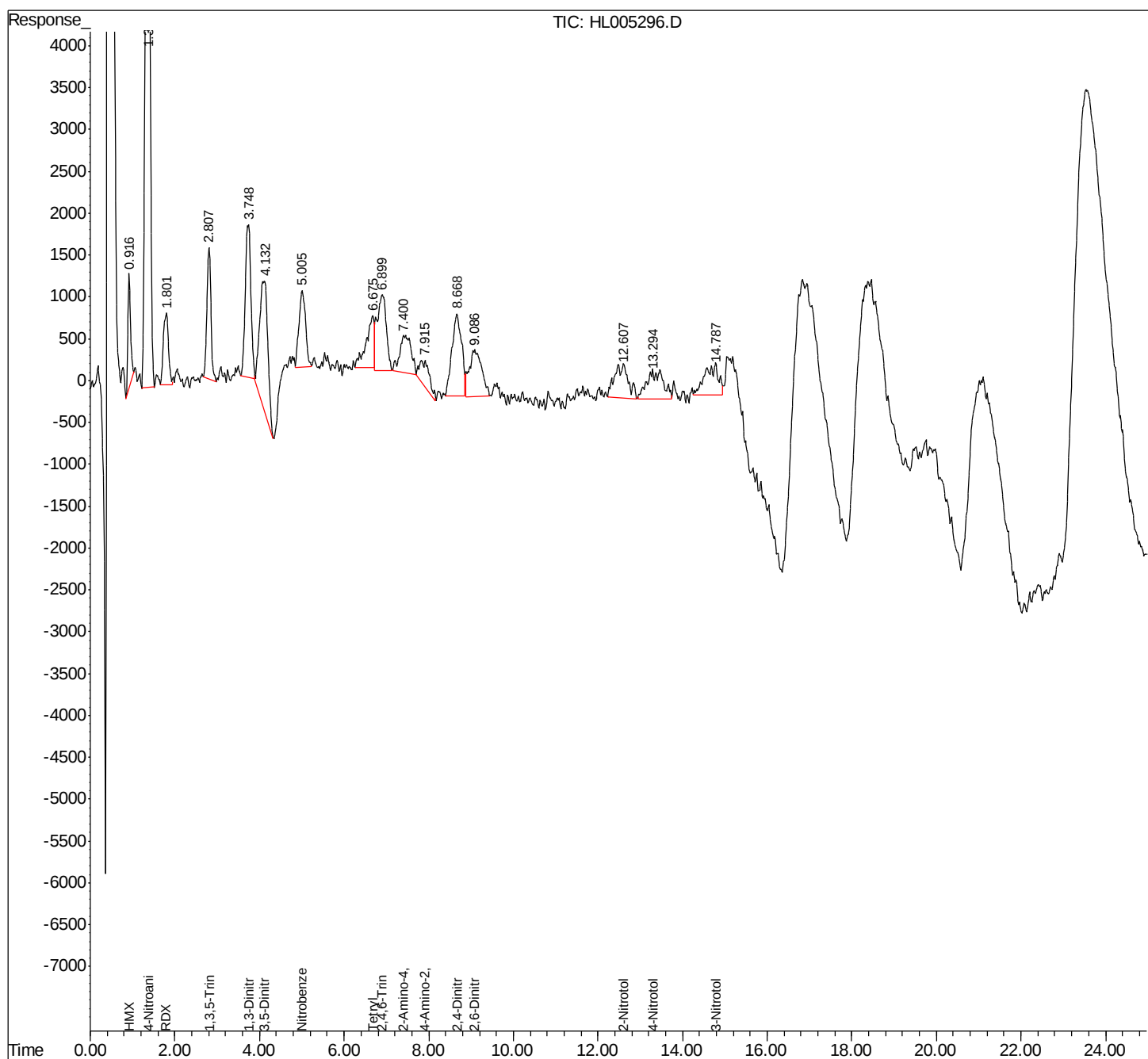
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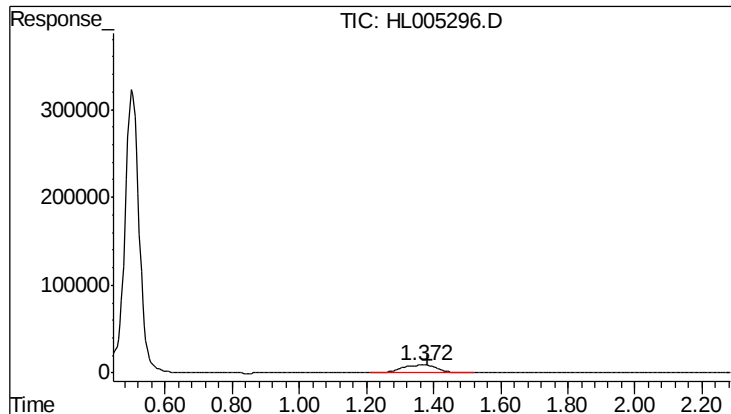
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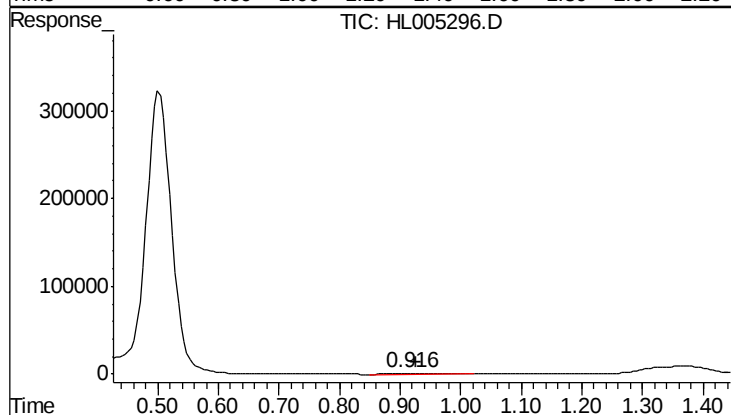
#1 4-Nitroaniline

R.T.: 1.368 min
Delta R.T.: -0.014 min
Response: 690525
Conc: 173.93 ug/L

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HPLC_L
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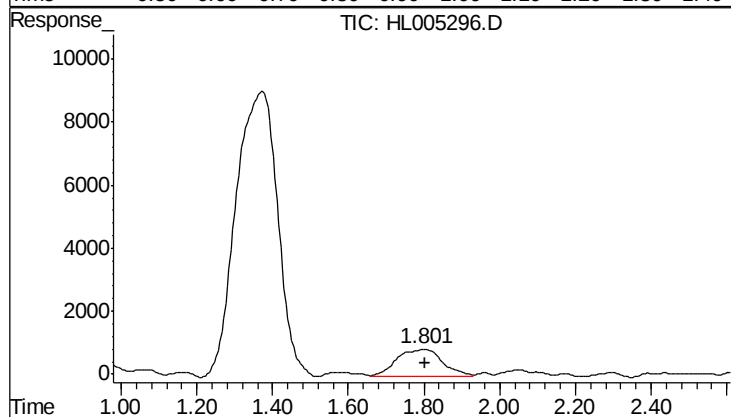
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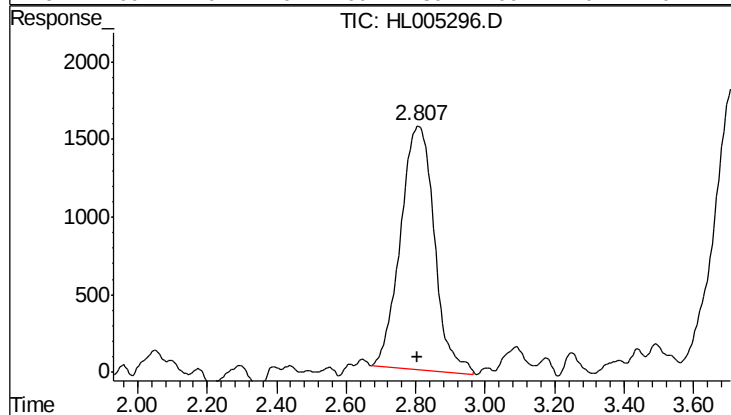
#2 HMX

R.T.: 0.916 min
Delta R.T.: -0.011 min
Response: 56354
Conc: 12.42 ug/L m



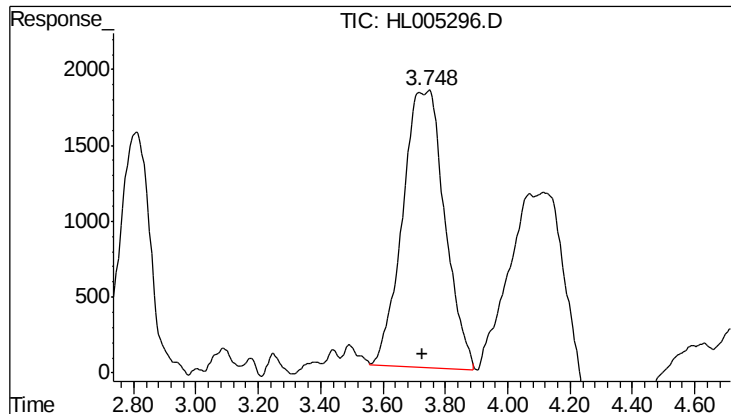
#3 RDX

R.T.: 1.801 min
Delta R.T.: -0.002 min
Response: 70340
Conc: 13.28 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.807 min
Delta R.T.: 0.002 min
Response: 105724
Conc: 9.77 ug/L m



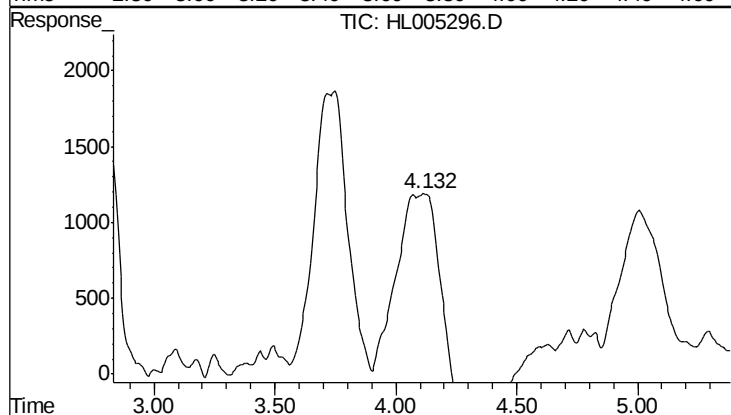
#5 1,3-Dinitrobenzene

R.T.: 3.748 min
Delta R.T.: 0.021 min
Response: 171463
Conc: 11.11 ng/ml

Instrument :
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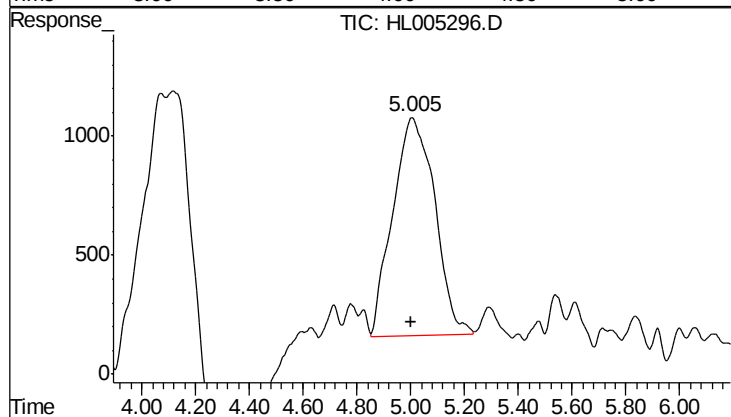
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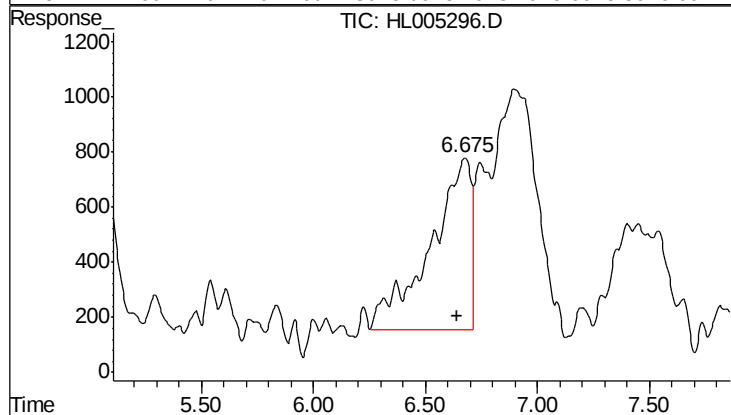
#6 3,5-Dinitroaniline

R.T.: 4.132 min
Delta R.T.: 0.030 min
Response: 204697
Conc: 15.13 ug/L m



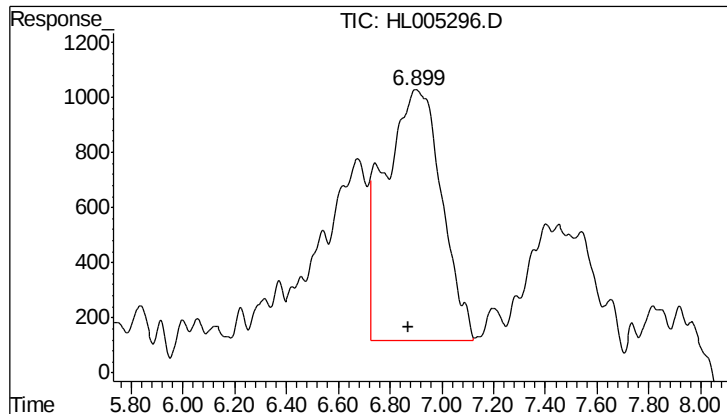
#7 Nitrobenzene

R.T.: 5.005 min
Delta R.T.: 0.002 min
Response: 98494
Conc: 9.61 ug/L m



#8 Tetryl

R.T.: 6.675 min
Delta R.T.: 0.035 min
Response: 79108
Conc: 11.76 ug/L m



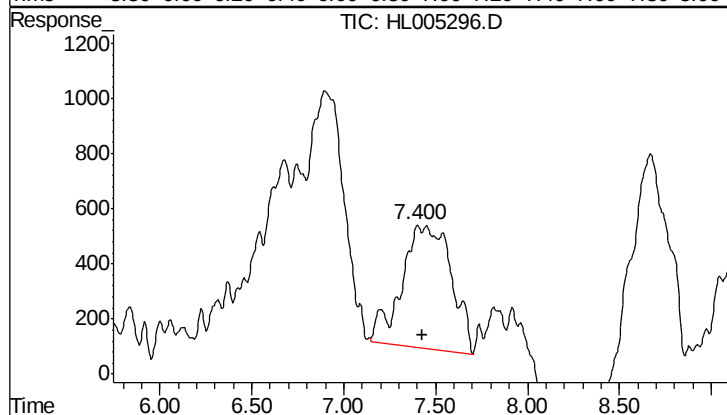
#9 2,4,6-Trinitrotoluene

R.T.: 6.899 min
Delta R.T.: 0.030 min
Response: 139319
Conc: 12.37 ug/L m

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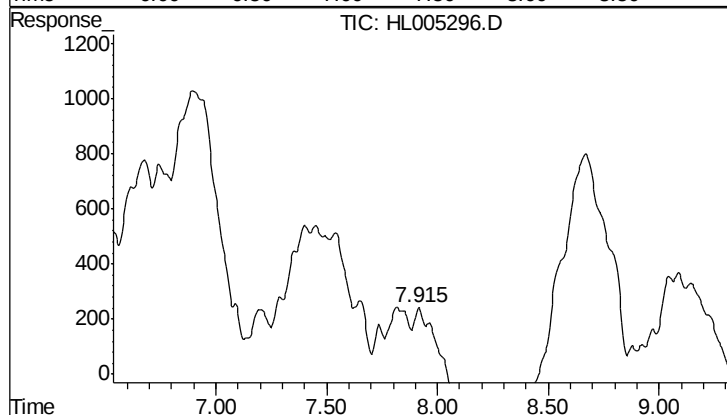
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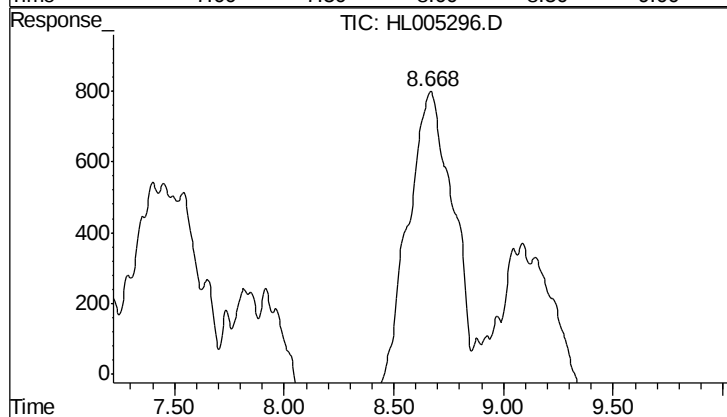
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.400 min
Delta R.T.: -0.032 min
Response: 83481
Conc: 7.79 ug/L m



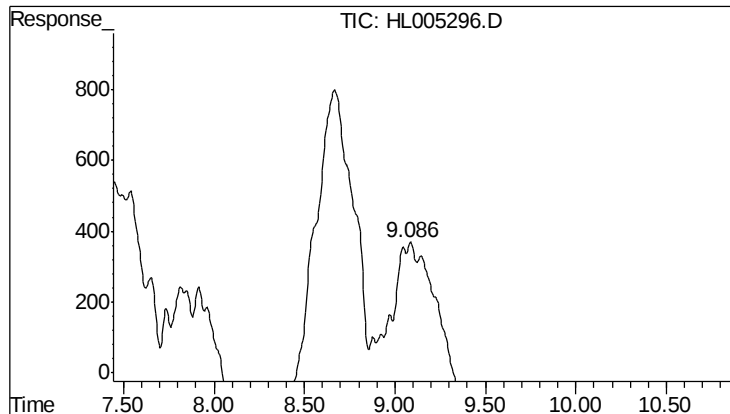
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.915 min
Delta R.T.: 0.071 min
Response: 50310
Conc: 9.02 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.668 min
Delta R.T.: 0.057 min
Response: 157886
Conc: 10.43 ug/L m



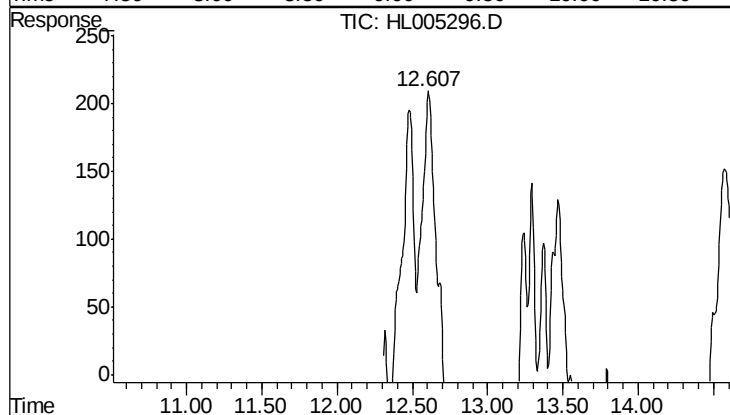
#13 2,6-Dinitrotoluene

R.T.: 9.086 min
 Delta R.T.: 0.030 min
 Response: 116175
 Conc: 14.29 ug/L m

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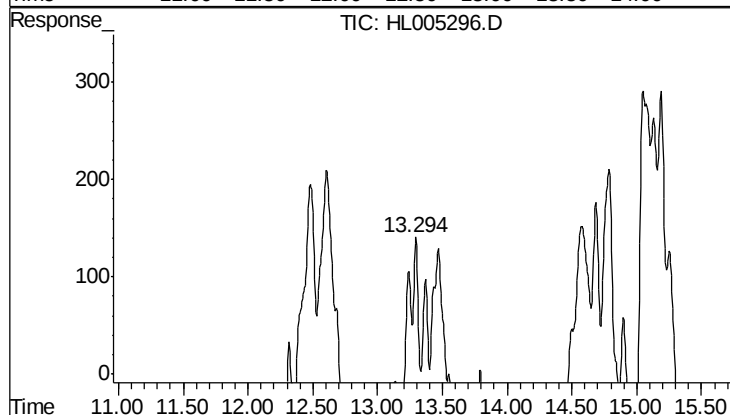
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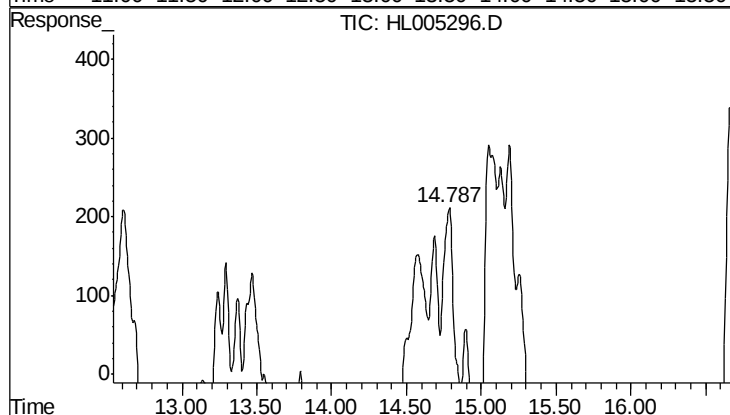
#14 2-Nitrotoluene

R.T.: 12.607 min
 Delta R.T.: 0.088 min
 Response: 92706
 Conc: 13.07 ug/L m



#15 4-Nitrotoluene

R.T.: 13.294 min
 Delta R.T.: -0.032 min
 Response: 91487
 Conc: 16.36 ug/L m



#16 3-Nitrotoluene

R.T.: 14.787 min
 Delta R.T.: 0.125 min
 Response: 80427
 Conc: 12.13 ug/L m