

Data Path : S:\HPCHEM1\HPLC_L\Data\HL010313\
 Data File : HL003999.D
 Signal(s) : VWD1A.CH
 Acq On : 03-Jan-2013, 22:04
 Operator : HLM
 Sample : 8330-MRL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 8330-MRL

Manual Integrations
 APPROVED

AHPatel
 1/8/2013 3:00:41 AM

Integration File: events.e
 Quant Time: Jan 04 22:24:44 2013
 Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL010313.M
 Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
 QLast Update : Fri Jan 04 13:29:03 2013
 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	1.368	58004	16.128 ug/L m
Spiked Amount 300.000	Range 37 - 149	Recovery =	5.38%#
Target Compounds			
2) T HMX	0.926	79554	18.512 ug/L m
3) T RDX	1.768	108059	20.346 ug/L
4) T 1,3,5-Trinitrobenzene	2.762	130654	11.082 ug/L
5) T Tetryl	6.348f	181293	21.888 ug/L
6) T 2,4,6-Trinitrotoluene	6.647	108549	9.736 ug/L
7) T 2-Amino-4,6-dinitroto...	7.181	91737	8.707 ug/L m
8) T 4-Amino-2,6-dinitroto...	7.522	72430	9.955 ug/L m
9) T 2,4-Dinitrotoluene	8.369	154170	10.033 ug/L m
10) T 2,6-Dinitrotoluene	8.723	103828	12.267 ug/L m
11) T 1,3-Dinitrobenzene	3.665	181427	10.989 ug/L
12) T Nitrobenzene	4.928	113662	10.491 ug/L
13) T 2-Nitrotoluene	12.056	140894	21.192 ug/L m
14) T 3-Nitrotoluene	14.192f	155762	22.046 ug/L m
15) T 4-Nitrotoluene	12.834	117944	21.097 ug/L m
16) T 3,5-Dinitroaniline	4.023	338717	21.107 ug/L
18) T PETN	19.318	474299	52.389 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 8330-MRL
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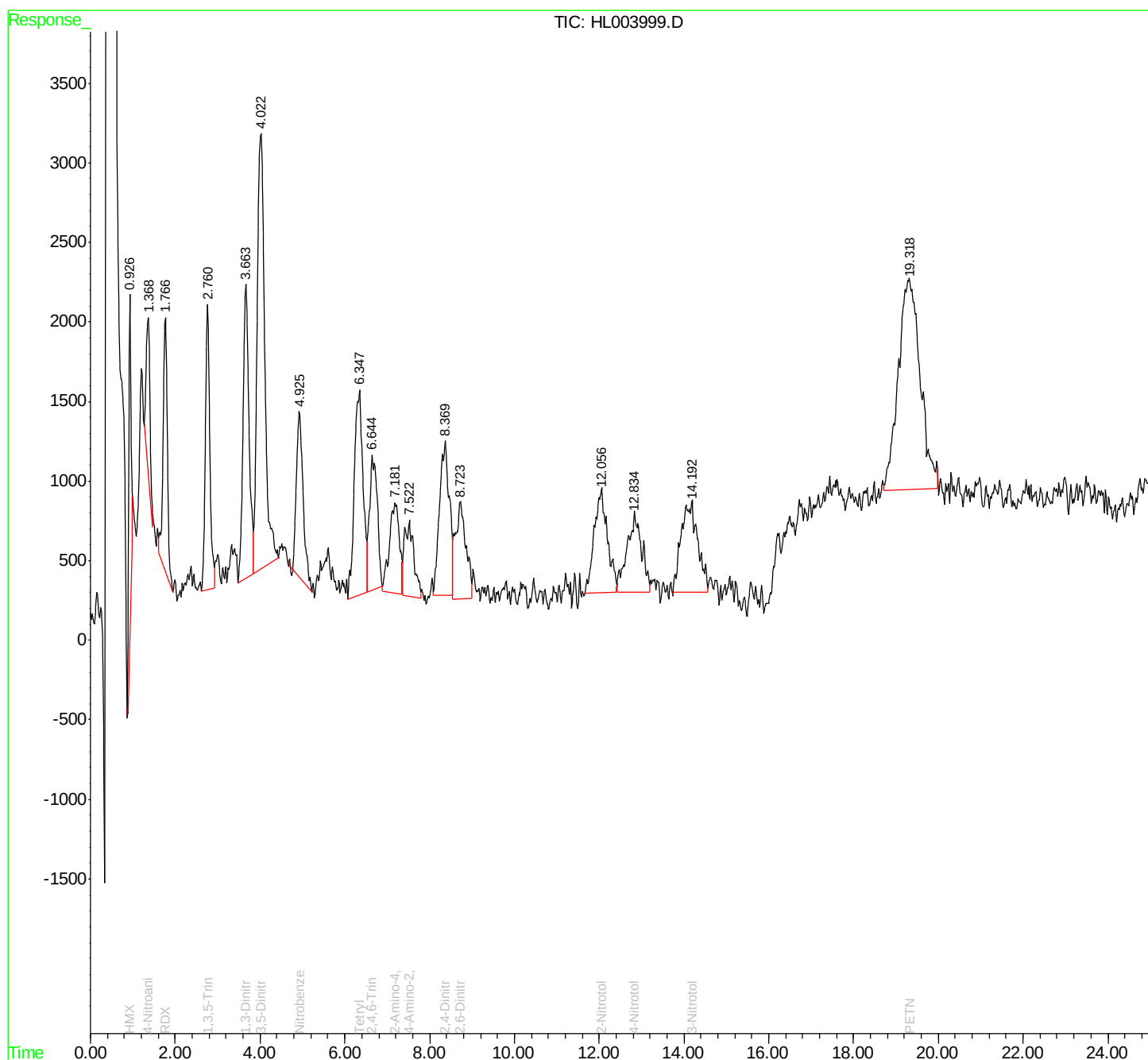
Instrument :
HPLC_L
ClientSampled :
8330-MRL

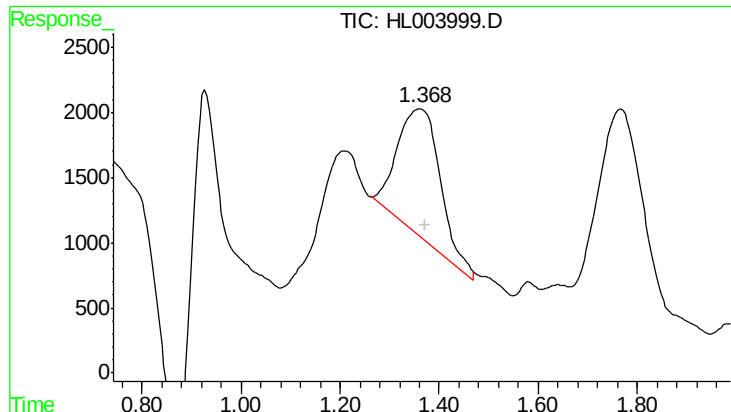
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Signal Phase :
Signal Info :





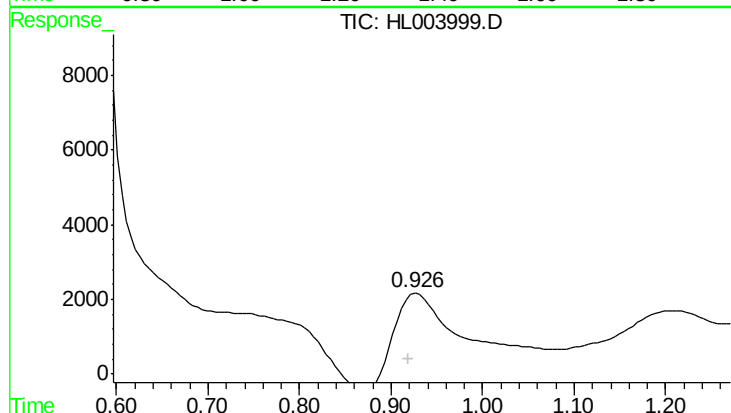
#1 4-Nitroaniline

R.T.: 1.368 min
Delta R.T.: -0.004 min
Response: 58004
Conc: 16.13 ug/L m

Instrument :
HPLC_L
ClientSampleId :
8330-MRL

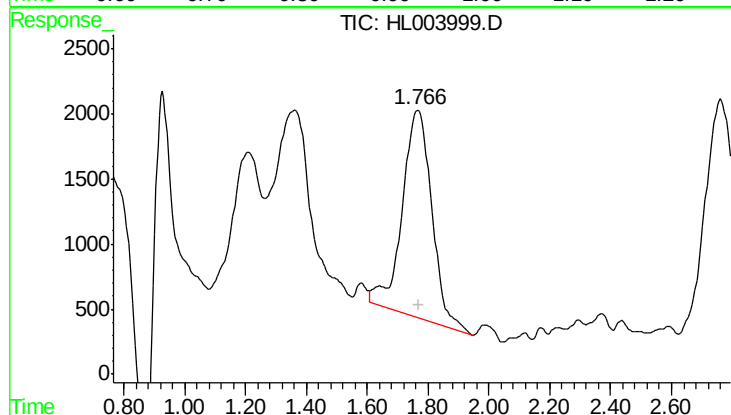
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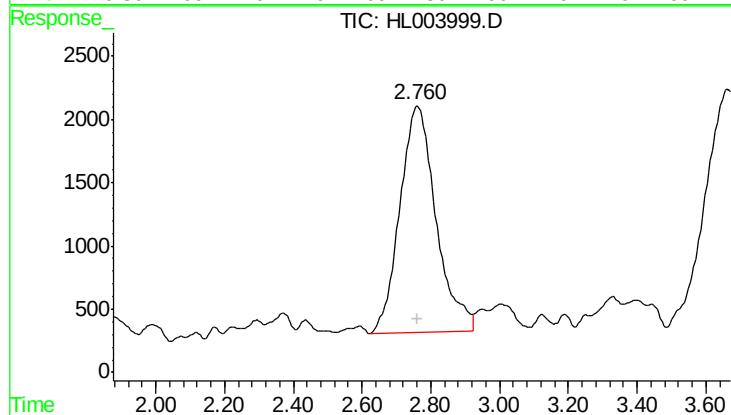
#2 HMX

R.T.: 0.926 min
Delta R.T.: 0.007 min
Response: 79554
Conc: 18.51 ug/L m



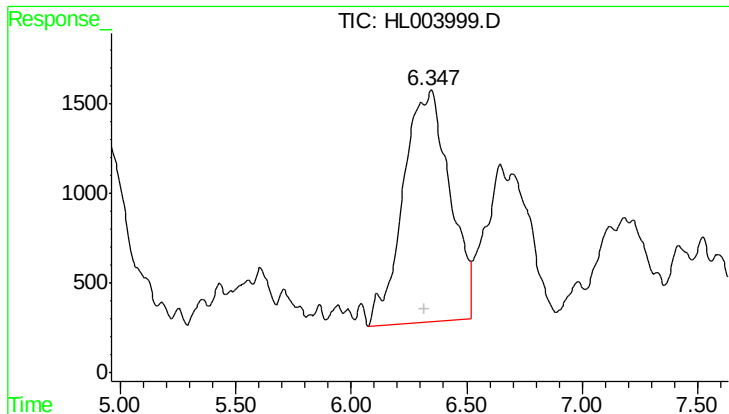
#3 RDX

R.T.: 1.768 min
Delta R.T.: -0.003 min
Response: 108059
Conc: 20.35 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 130654
Conc: 11.08 ug/L



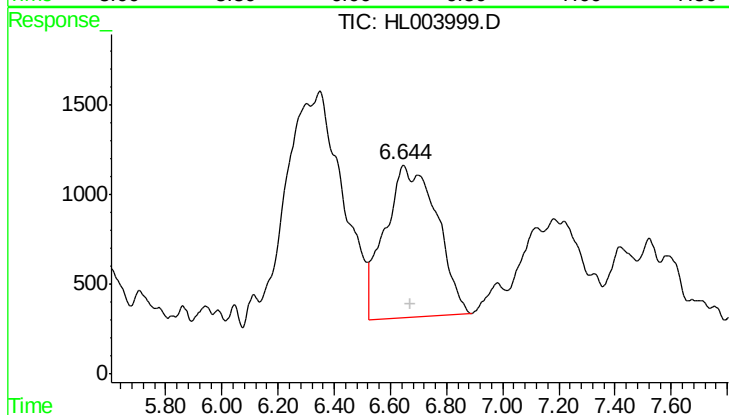
#5 Tetryl

R.T.: 6.348 min
Delta R.T.: 0.032 min
Response: 181293
Conc: 21.89 ug/L

Instrument :
HPLC_L
ClientSampleId :
8330-MRL

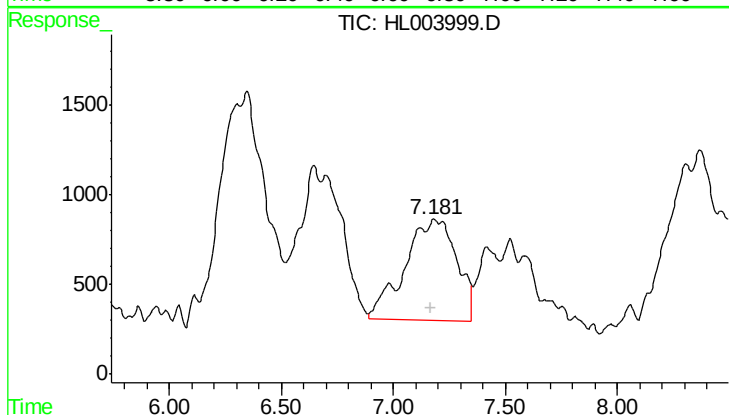
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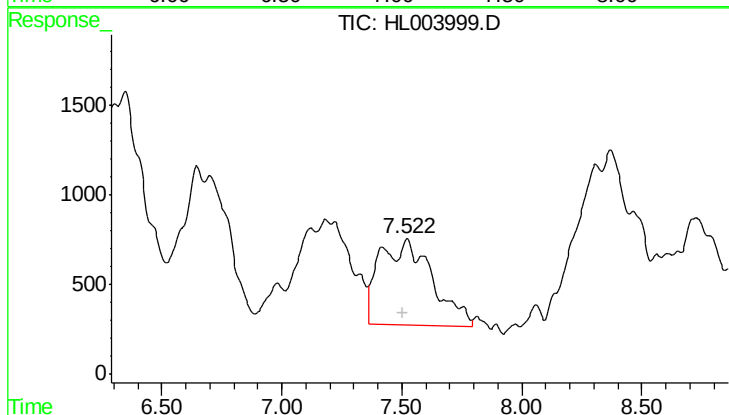
#6 2,4,6-Trinitrotoluene

R.T.: 6.647 min
Delta R.T.: -0.025 min
Response: 108549
Conc: 9.74 ug/L



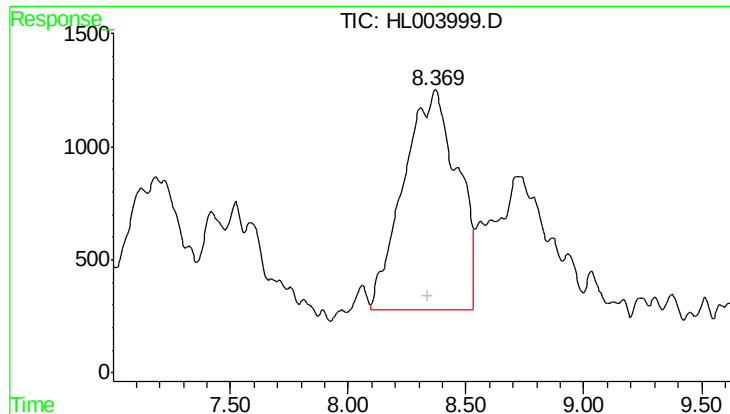
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.181 min
Delta R.T.: 0.015 min
Response: 91737
Conc: 8.71 ug/L m



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.522 min
Delta R.T.: 0.017 min
Response: 72430
Conc: 9.95 ug/L m



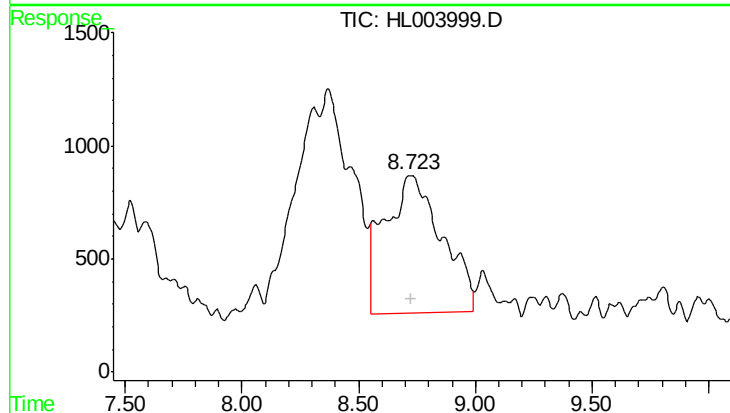
#9 2,4-Dinitrotoluene

R.T.: 8.369 min
Delta R.T.: 0.031 min
Response: 154170
Conc: 10.03 ug/L m

Instrument :
HPLC_L
ClientSampleId :
8330-MRL

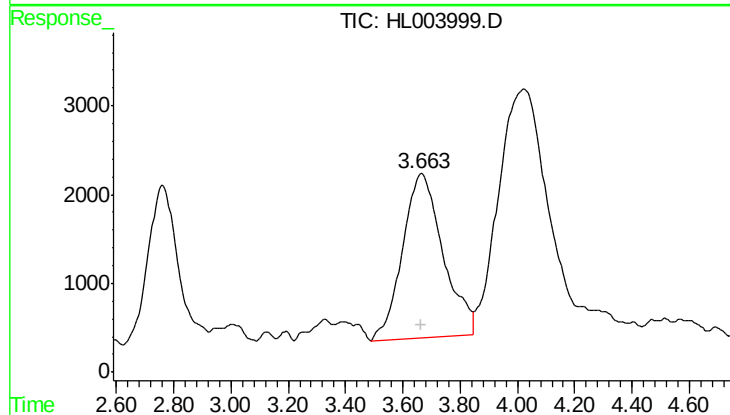
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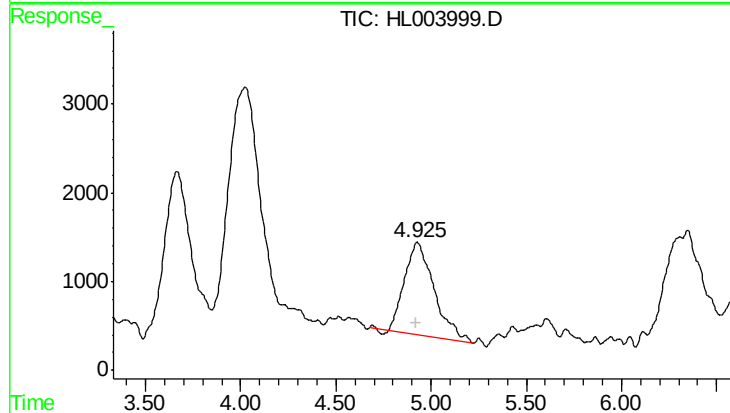
#10 2,6-Dinitrotoluene

R.T.: 8.723 min
Delta R.T.: -0.003 min
Response: 103828
Conc: 12.27 ug/L m



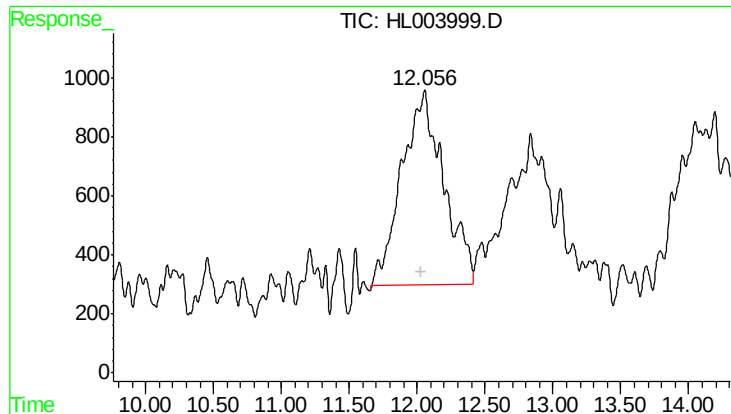
#11 1,3-Dinitrobenzene

R.T.: 3.665 min
Delta R.T.: 0.000 min
Response: 181427
Conc: 10.99 ug/L



#12 Nitrobenzene

R.T.: 4.928 min
Delta R.T.: 0.007 min
Response: 113662
Conc: 10.49 ug/L



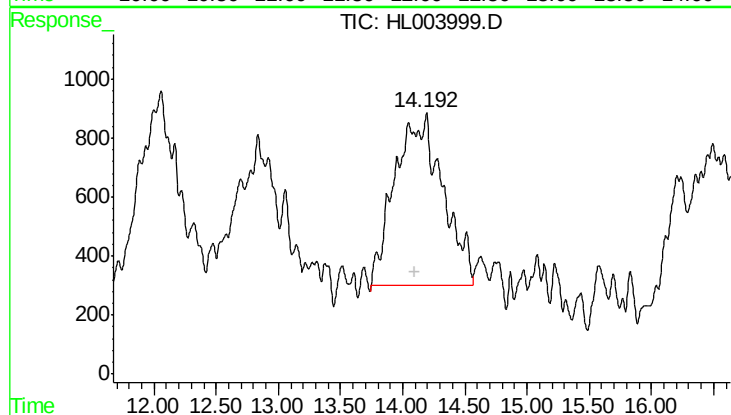
#13 2-Nitrotoluene

R.T.: 12.056 min
Delta R.T.: 0.025 min
Response: 140894
Conc: 21.19 ug/L m

Instrument :
HPLC_L
ClientSampleId :
8330-MRL

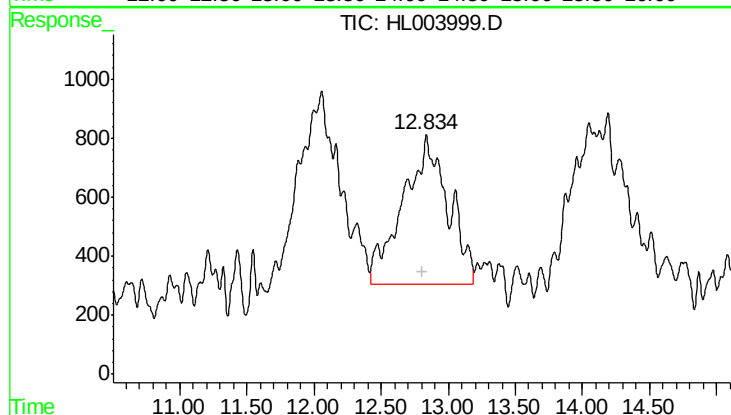
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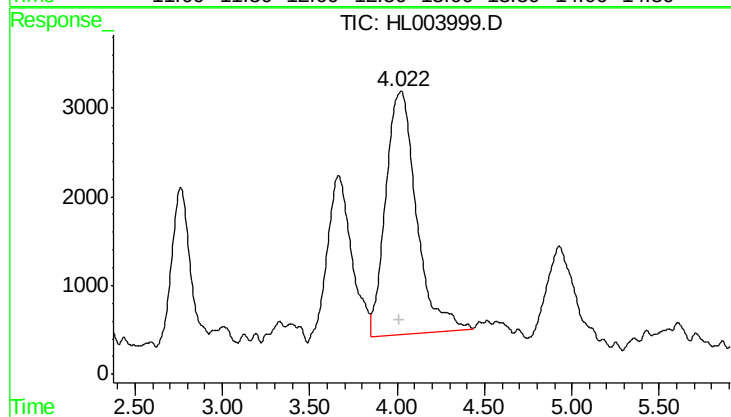
#14 3-Nitrotoluene

R.T.: 14.192 min
Delta R.T.: 0.097 min
Response: 155762
Conc: 22.05 ug/L m



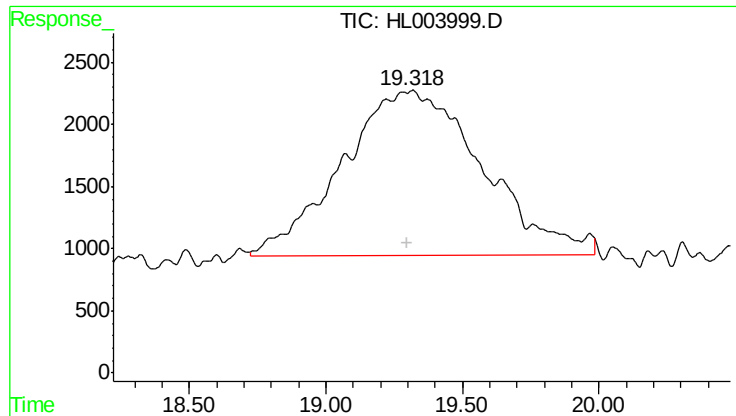
#15 4-Nitrotoluene

R.T.: 12.834 min
Delta R.T.: 0.029 min
Response: 117944
Conc: 21.10 ug/L m



#16 3,5-Dinitroaniline

R.T.: 4.023 min
Delta R.T.: 0.007 min
Response: 338717
Conc: 21.11 ug/L



#18 PETN

R.T.: 19.318 min
Delta R.T.: 0.020 min
Response: 474299
Conc: 52.39 ug/L m

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HPLC_L
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