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Worklist: 2958

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2018-0962	1.1	142061	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2019-0236	1	142062	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2019-0270	3	142063	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2019-0306	2	142064	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2115	1	142060	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0077	2	142065	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0128	2	142066	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0222	1	142067	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0232	1	142068	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0235	1	142069	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0239	1	142070	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0268	1	142071	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0283	1	142072	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0302	1	142073	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0302	2	142074	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0311	1	142075	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0337	1	142076	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	

# AM# 28: Multi-Drug Quantitation in Blood by LC-MS/MS

P

Extraction Date: 2/19/19

Analyst: Sarah Pickle

Plate lot#: 0530563

Plate Expiration: 05/21/19

**Mobile phase A:** 5mM Amm Form + 0.01% FA  
0.5M Ammonium Hydroxide

**Mobile phase B:** 0.01% Formic Acid in MeOH  
Ethyl Acetate 20% Methanol in Water

**Blank Blood Lot:** 445283-1

**Column:** Agilent 120 EC-C18 (2.1x 100-4um)

**LCMS-QQQ ID:** 59740

## Pre-Analytic:

- 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
- 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes.
- 3. Create worklist: \_\_\_\_\_

## Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID: #16** in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 067105*
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).  
*(Load at 85-100 PSI- Selector to the right) Manifold ID: 067104*
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.  
*SPE Dry ID: 067103*
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

## Post-Analytic

- 1. Create batch and process data.  
Worklist path: 021919 MDO PI SP Batch Name: Pla, Plb
- 2. Make necessary changes to integration limits
- 3. Integration linear and R<sup>2</sup> values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? Y / N \_\_\_\_\_ Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS: **Curve Range Limited:** Amphetamine 5-500, Norhydrocodone 25-1000, Phentermine 10-1000, Fentanyl 2.5-100, Norfentanyl 2.5-100

**Did not evaluate:** Benzoylcegonine, Buprenorphine, Norbuprenorphine

Calibrator 4 dropped for Mirtazapine due to peak cutting off. Dextromethorphan reported qualitatively.



# Idaho State Police Forensic Services

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## AM #28 Blood Multi-Drug Confirmatory Analysis by LCMS-QQQ---Panel 1

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### Methanol External Control Solution (Lot: 121218)

*100 ul each 1 mg/mL stock solution in 9600 ul MeOH*

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	177145	
Fluoxetine	Cerilliant	FN06281603	07/31/2021
O-desmethyl Tramadol	Cerilliant	FN01241702	04/30/2022
Amphetamine	Cerilliant	FE04061701	06/30/2022
Alprazolam	Cerilliant	FE07061604	07/31/2021
Prepared:	12/12/18		
Prepared By:	Sarah Pickle		
Expires:	12/12/19		

### Blood External Control Solution (Lot: WS121218)

*50 ul of methanol external control solution was added to 9950 ul of blood.*

*Approximately 50ng/mL of each compound.*

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Blood	Hemostat	445283-1
Methanol External Control Solution		121218
Prepared:	12/12/18	
Prepared by:	Sarah Pickle	
Expires:	12/12/19	

A

# ISP FORENSICS - Pocatello Instrument # 59740

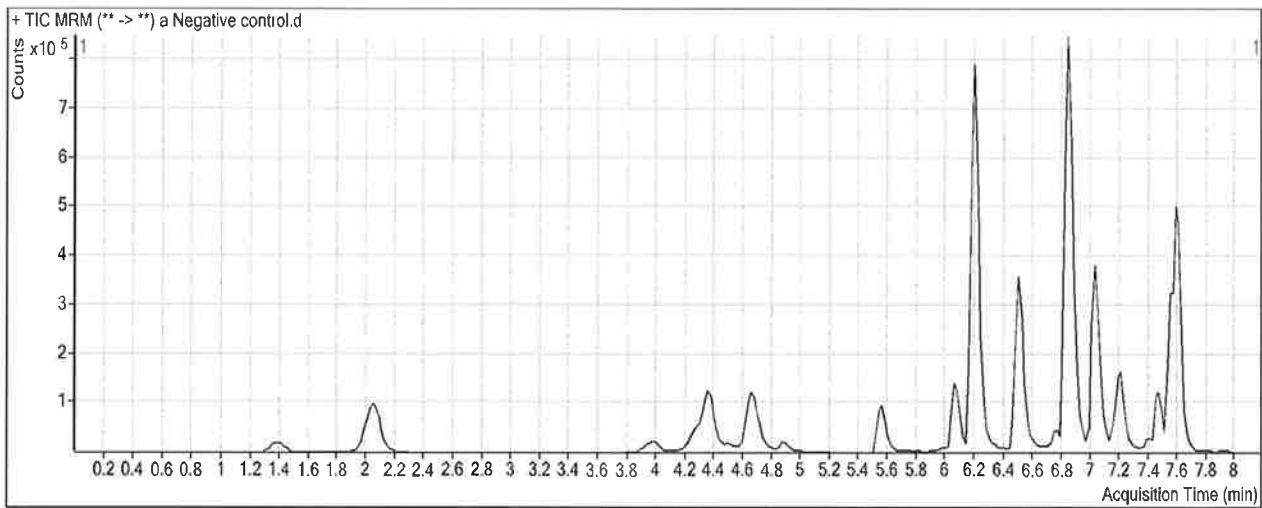
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin  
**Analysis Time** 2/21/2019 10:27 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 10:34 AM **Reporter Name** datastor  
**Last Calib Update** 2/21/2019 10:26 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 19:48 **Data File** a Negative control.d  
**Sample Type** Sample **Sample Name** a Negative control.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 7-11-18.m  
**Position** P1-E2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



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# ISP FORENSICS - Pocatello Instrument # 59740

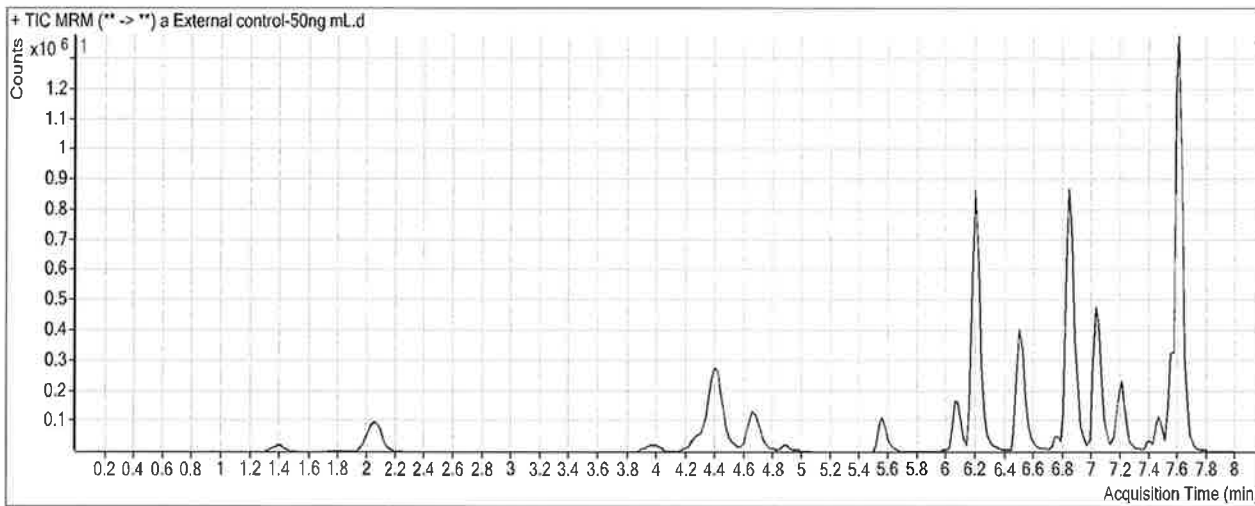
## Multi-Drug Confirmatory Analysis Report

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**Analysis Time** 2/21/2019 10:27 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 10:34 AM **Reporter Name** datastor  
**Last Calib Update** 2/21/2019 10:26 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 20:20 **Data File** a External control-50ng mL.d  
**Sample Type** Sample **Sample Name** a External control-50ng mL.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 7-11-18.m  
**Position** P1-F2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28; WS121218 50 ng Fluoxetine, O-desmethyl Tramadol, Amphetamir

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Amphetamine	Amphetamine-D11	4.427	447630	243382	1.8392	55.7623
Alprazolam	Alprazolam-D5	7.612	2091754	1329924	1.5728	45.9726

AS

# ISP FORENSICS - Pocatello Instrument # 59740

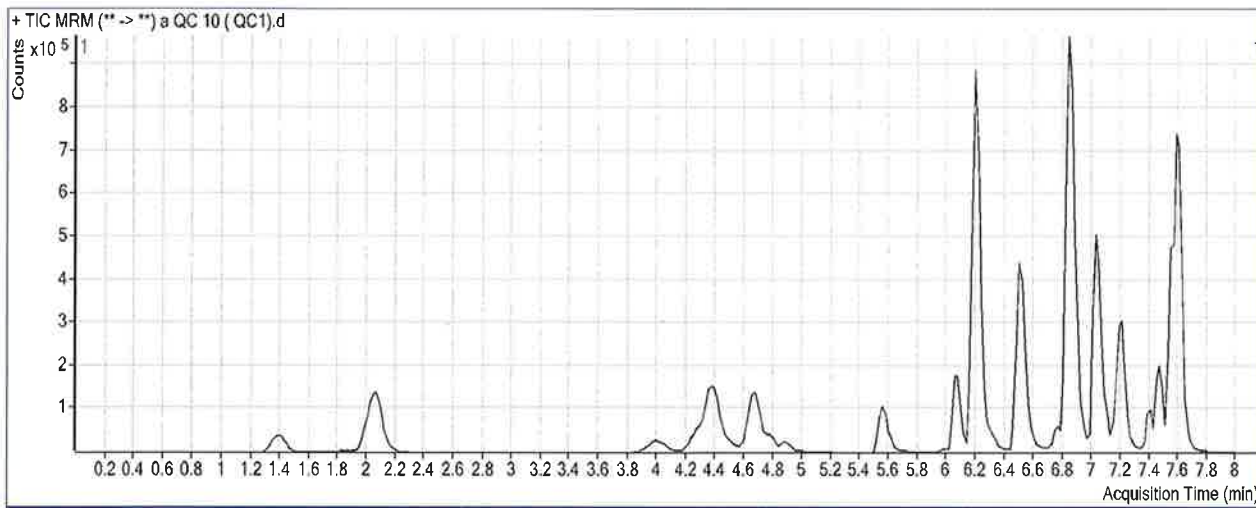
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin  
**Analysis Time** 2/21/2019 10:27 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 10:34 AM **Reporter Name** datastor  
**Last Calib Update** 2/21/2019 10:26 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 21:23 **Data File** a QC 10 ( QC1).d  
**Sample Type** QC **Sample Name** a QC 10 ( QC1).d  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 7-11-18.m  
**Position** P1-A2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.410	46662	95078	0.4908	10.3713
Hydromorphone	Hydromorphone-D6	2.071	153768	617801	0.2489	9.8773
Codeine	Codeine-D6	4.037	20079	97607	0.2057	9.7915
Oxycodone	Oxycodone-D6	4.393	168067	636494	0.2641	10.6266
Amphetamine	Amphetamine-D11	4.427	73828	223653	0.3301	9.8375
Hydrocodone	Hydrocodone-D6	4.678	55355	373597	0.1482	9.2555
<del>Norhydrocodone</del>	<del>Norhydrocodone-D3</del>	<del>4.741</del>	<del>4231</del>	<del>91501</del>	<del>0.0462</del>	<del>17.7204</del>
Methamphetamine	Methamphetamine-D11	4.784	107168	275826	0.3885	9.3685
6-MAM	6-MAM-D6	4.932	1986	75280	0.0264	0.9537
Phentermine	Phentermine-D5	5.610	46980	454667	0.1033	9.9926
Dextrophan	Dextrophan-D3	6.087	62481	523512	0.1193	10.8474
Tramadol	Tramadol-13C-D3	6.207	466561	2489843	0.1874	10.0220
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	111935	484753	0.2309	9.5408
Metoprolol	Oxycodone-D6	6.325	37337	636494	0.0587	9.9976
Doxylamine	Doxylamine-D5	6.526	217724	1377176	0.1581	10.2691
Bupropion	Bupropion-D9	6.795	41675	142203	0.2931	9.6292
Zolpidem	Zolpidem-D6	6.865	532464	3159899	0.1685	10.3389
Meprobamate	Meprobamate-D7	6.918	63097	228349	0.2763	10.3124
Venlafaxine	Venlafaxine-D6	7.030	346165	1205338	0.2872	11.0873
Trazodone	Trazodone-D6	7.080	87169	281450	0.3097	10.6696

outside curve range

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**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report a QC 10**

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<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Citalopram	Citalopram-D6	7.163	72238	329685	0.2191	9.9833
Dextromethorphan	Dextromethorphan-D3	7.194	26329	75772	0.3475	13.7169
Diphenhydramine	Diphenhydramine-D3	7.218	142152	576037	0.2468	12.1305
Promethazine	Promethazine-D3	7.413	70007	224515	0.3118	10.6203
Clonazepam	Clonazepam-D4	7.469	241815	217854	1.1100	10.2402
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.545	43559	231362	0.1883	9.6038
Carisoprodol	Carisoprodol-D7	7.558	195908	801362	0.2445	10.7172
Lorazepam	Clonazepam-D4	7.587	135385	217854	0.6214	12.3897
Alprazolam	Alprazolam-D5	7.612	433055	1377447	0.3144	10.0909

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

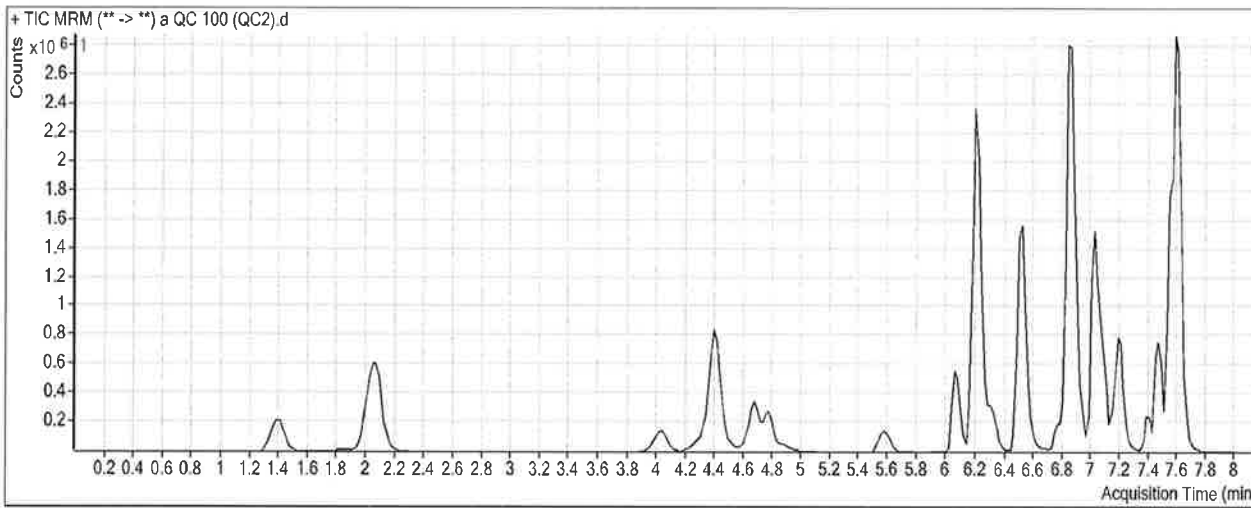
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin  
**Analysis Time** 2/21/2019 10:27 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 10:34 AM **Reporter Name** datastor  
**Last Calib Update** 2/21/2019 10:26 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2019-02-19 22:57 **Data File** a QC 100 (QC2).d  
**Sample Type** QC **Sample Name** a QC 100 (QC2).d  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 7-11-18.m  
**Position** P1-B2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.410	516501	87859	5.8788	107.1603
Hydromorphone	Hydromorphone-D6	2.071	1807102	635306	2.8445	98.2228
Codeine	Codeine-D6	4.037	227343	100582	2.2603	92.6165
Oxycodone	Oxycodone-D6	4.393	2014118	684395	2.9429	93.1292
Amphetamine	Amphetamine-D11	4.407	691013	188684	3.6623	111.2411
Hydrocodone	Hydrocodone-D6	4.678	683472	375753	1.8189	102.8668
Norhydrocodone	Norhydrocodone-D3	4.721	37007	81117	0.4562	83.0395
Methamphetamine	Methamphetamine-D11	4.784	916244	225881	4.0563	89.5204
6-MAM	6-MAM-D6	4.912	21543	79568	0.2708	8.9216
Phentermine	Phentermine-D5	5.610	464866	396586	1.1722	97.6216
Dextrophan	Dextrophan-D3	6.067	628732	501144	1.2546	95.7348
Tramadol	Tramadol-13C-D3	6.207	4872496	2550790	1.9102	95.2935
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	1353723	492072	2.7511	101.8517
Metoprolol	Oxycodone-D6	6.325	380558	684395	0.5561	89.1398
Doxylamine	Doxylamine-D5	6.526	2246081	1338877	1.6776	99.0539
Bupropion	Bupropion-D9	6.775	351211	107776	3.2587	94.1187
Zolpidem	Zolpidem-D6	6.865	6215283	3364787	1.8472	90.1628
Meprobamate	Meprobamate-D7	6.918	645255	208772	3.0907	94.1480
Venlafaxine	Venlafaxine-D6	7.030	3364047	1191848	2.8225	92.6440
Trazodone	Trazodone-D6	7.080	922871	271970	3.3933	106.5785



**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** *QC 100*

*S*

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Citalopram	Citalopram-D6	7.163	648805	281832	2.3021	92.1076
Dextromethorphan	Dextromethorphan-D3	7.194	168692	59855	2.8184	106.9782
Diphenhydramine	Diphenhydramine-D3	7.218	971823	479329	2.0275	90.5830
Promethazine	Promethazine-D3	7.393	550900	164607	3.3468	103.2051
Clonazepam	Clonazepam-D4	7.469	2040131	164745	12.3836	107.4034
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.545	433659	196354	2.2086	97.8898
Carisoprodol	Carisoprodol-D7	7.558	1818429	668852	2.7187	107.5598
Lorazepam	Clonazepam-D4	7.587	746389	164745	4.5306	100.6674
Alprazolam	Alprazolam-D5	7.612	4329523	1316222	3.2894	94.9151

Handwritten mark resembling the letter 'P'.

# ISP FORENSICS - Pocatello Instrument # 59740

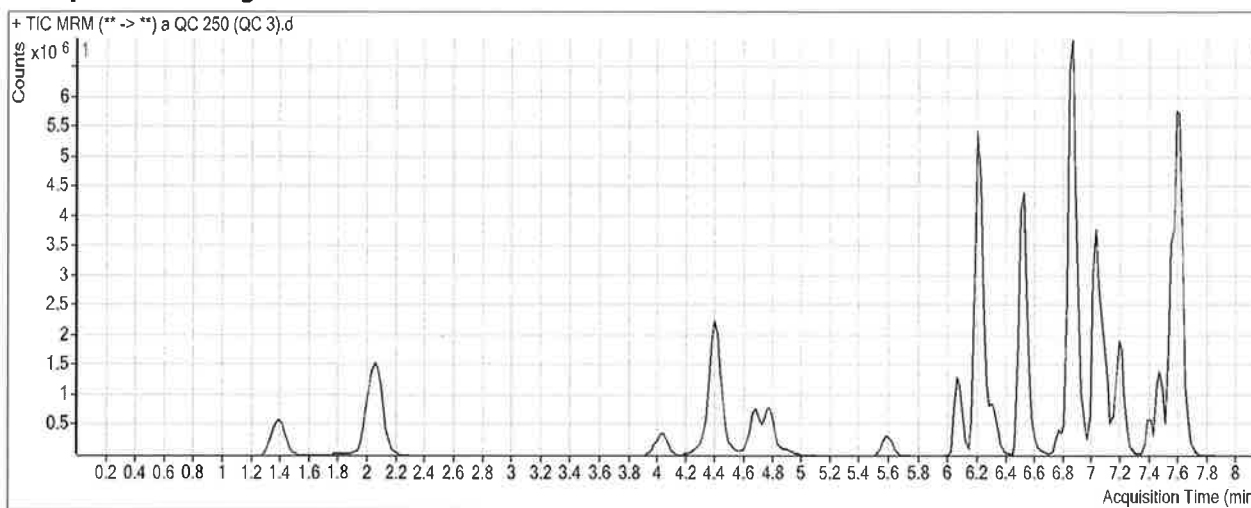
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin  
**Analysis Time** 2/21/2019 10:27 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 10:35 AM **Reporter Name** datastor  
**Last Calib Update** 2/21/2019 10:26 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-20 01:18 **Data File** a QC 250 (QC 3).d  
**Sample Type** QC **Sample Name** a QC 250 (QC 3).d  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 7-11-18.m  
**Position** P1-C2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.389	1492272	90271	16.5310	298.5153
Hydromorphone	Hydromorphone-D6	2.051	5152610	660727	7.7984	266.8402
Codeine	Codeine-D6	4.037	622678	104416	5.9634	241.8986
Oxycodone	Oxycodone-D6	4.393	5874309	732430	8.0203	249.5004
Amphetamine	Amphetamine-D11	4.407	1944828	213367	9.1149	277.1747
Hydrocodone	Hydrocodone-D6	4.678	1917581	406446	4.7179	265.2934
Norhydrocodone	Norhydrocodone-D3	4.721	120532	84217	1.4312	238.3780
Methamphetamine	Methamphetamine-D11	4.784	2763969	250606	11.0291	241.8981
6-MAM	6-MAM-D6	4.892	62787	84316	0.7447	24.3740
Phentermine	Phentermine-D5	5.610	1346853	453664	2.9688	244.9211
Dextropropranolol	Dextropropranolol-D3	6.067	1752589	523896	3.3453	252.0663
Tramadol	Tramadol-13C-D3	6.207	14429433	2814354	5.1271	254.5161
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	3071372	460136	6.6749	245.5788
Metoprolol	Oxycodone-D6	6.305	1068291	732430	1.4586	232.7424
Doxylamine	Doxylamine-D5	6.526	6746494	1511839	4.4624	261.7747
Bupropion	Bupropion-D9	6.775	766371	93521	8.1946	234.7389
Zolpidem	Zolpidem-D6	6.865	17791119	3429390	5.1878	249.0204
Meprobamate	Meprobamate-D7	6.918	1520465	188314	8.0741	242.5944
Venlafaxine	Venlafaxine-D6	7.030	9974336	1307785	7.6269	247.1889
Trazodone	Trazodone-D6	7.080	2690408	314348	8.5587	267.2392

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report**

B  
a QC 250

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Citalopram	Citalopram-D6	7.163	1738385	287834	6.0395	239.4606
Dextromethorphan	Dextromethorphan-D3	7.194	464856	68474	6.7888	256.8385
Diphenhydramine	Diphenhydramine-D3	7.218	2808841	505047	5.5615	246.2849
Promethazine	Promethazine-D3	7.393	1511840	194436	7.7755	238.3088
Clonazepam	Clonazepam-D4	7.469	4013167	123940	32.3798	279.7450
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.525	940620	163608	5.7492	252.6168
Carisoprodol	Carisoprodol-D7	7.558	4160650	579710	7.1771	282.0610
Lorazepam	Clonazepam-D4	7.567	1301090	123940	10.4977	235.4206
Alprazolam	Alprazolam-D5	7.612	10255825	1143423	8.9694	256.8685

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

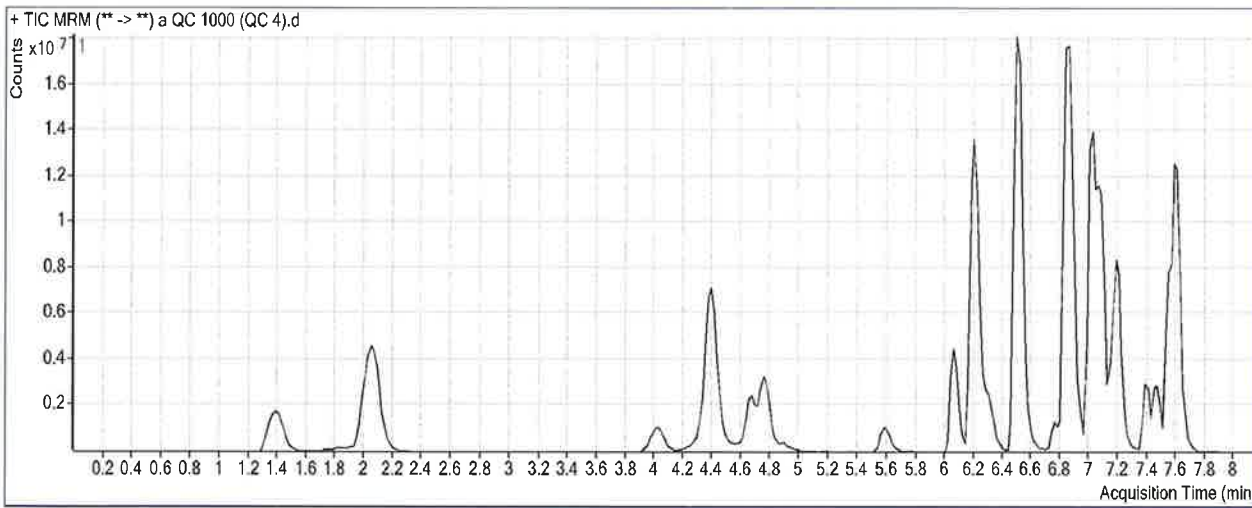
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin  
**Analysis Time** 2/21/2019 10:27 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 10:35 AM **Reporter Name** datastor  
**Last Calib Update** 2/21/2019 10:26 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2019-02-20 04:11 **Data File** a QC 1000 (QC 4).d  
**Sample Type** QC **Sample Name** a QC 1000 (QC 4).d  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 7-11-18.m  
**Position** P1-D2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.389	4888644	72689	67.2539	1209.6907
Hydromorphone	Hydromorphone-D6	2.051	16958430	522515	32.4554	1106.0935
Codeine	Codeine-D6	4.037	1936496	79350	24.4046	985.3099
Oxycodone	Oxycodone-D6	4.393	21020156	632618	33.2273	1025.8134
<del>Amphetamine</del>	<del>Amphetamine-D11</del>	<del>4.407</del>	<del>6085680</del>	<del>219138</del>	<del>27.7710</del>	<del>844.9101</del> <i>outside curve range</i>
Hydrocodone	Hydrocodone-D6	4.678	6657177	368555	18.0629	1012.9961
Norhydrocodone	Norhydrocodone-D3	4.721	463688	63346	7.3200	1176.5982
Methamphetamine	Methamphetamine-D11	4.764	11784868	240841	48.9321	1070.1912
6-MAM	6-MAM-D6	4.892	226916	71855	3.1580	103.0634
Phentermine	Phentermine-D5	5.590	5061304	397608	12.7294	1045.1411
Dextroprphan	Dextroprphan-D3	6.067	6505995	459047	14.1728	1061.6905
Tramadol	Tramadol-13C-D3	6.207	48584270	2673536	18.1723	900.1979
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	7662132	278641	27.4982	1008.3160
Metoprolol	Oxycodone-D6	6.305	3432594	632618	5.4260	864.0252
Doxylamine	Doxylamine-D5	6.506	30478713	1653796	18.4296	1077.8818
Bupropion	Bupropion-D9	6.775	2318014	72050	32.1721	917.8393
Zolpidem	Zolpidem-D6	6.865	56316780	2948364	19.1010	910.6265
Meprobamate	Meprobamate-D7	6.918	3971815	113925	34.8633	1040.5963
Venlafaxine	Venlafaxine-D6	7.030	43615358	1317636	33.1012	1066.6401
Trazodone	Trazodone-D6	7.080	16593140	440349	37.6818	1173.0622

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

9 QC 1000

S

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.163	8416348	313492	26.8471	1059.8233
Dextromethorphan	Dextromethorphan-D3	7.194	2363925	78641	30.0595	1135.1758
Diphenhydramine	Diphenhydramine-D3	7.218	13923839	589126	23.6347	1042.5420
Promethazine	Promethazine-D3	7.393	7631866	245755	31.0548	948.4704
Clonazepam	Clonazepam-D4	7.469	7877873	64257	122.6000	1057.3239
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.525	2387957	102166	23.3734	1022.7891
Carisoprodol	Carisoprodol-D7	7.558	8676397	339829	25.5317	1000.4575
Lorazepam	Clonazepam-D4	7.567	2858239	64257	44.4816	1002.8616
Alprazolam	Alprazolam-D5	7.612	25493671	665516	38.3066	1093.3514

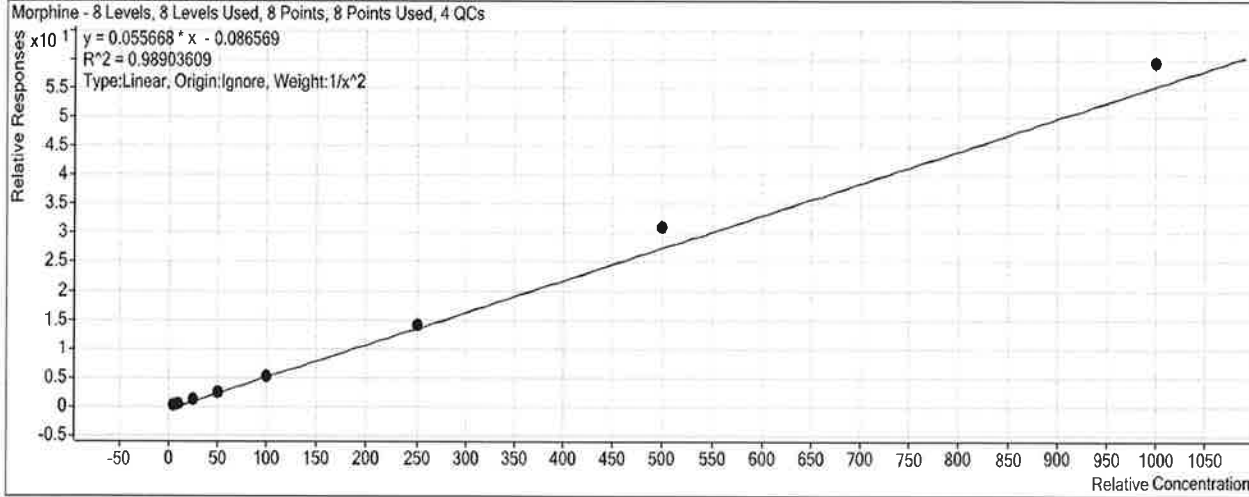
# ISP Forensics Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM      **Analyst Name** ISP TOX

**Target Compound** *Morphine*  
**Internal Standard** *Morphine-D6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.5	109.1
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	8.6	86.5
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.4	103.7
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.6	90.3
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.8	95.7
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	96.8	96.8
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	107.2	107.2
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	257.2	102.9
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	298.5	119.4
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	558.9	111.8
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1070.0	107.0
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1209.7	121.0

# ISP Forensics Calibration Curve Report

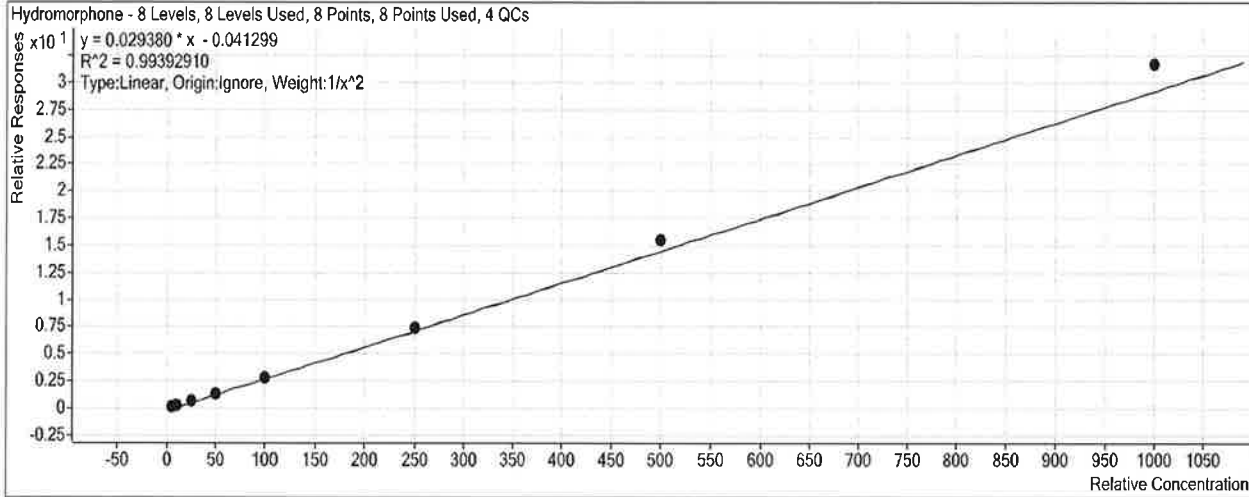
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** *Hydromorphone*  
**Internal Standard** *Hydromorphone-D6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	105.9
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.3	93.1
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	9.9	98.8
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.2	88.9
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.7	97.4
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	98.4	98.4
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	98.2	98.2
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	255.4	102.2
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	266.8	106.7
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	530.2	106.0
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1081.2	108.1
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1106.1	110.6

# ISP Forensics Calibration Curve Report

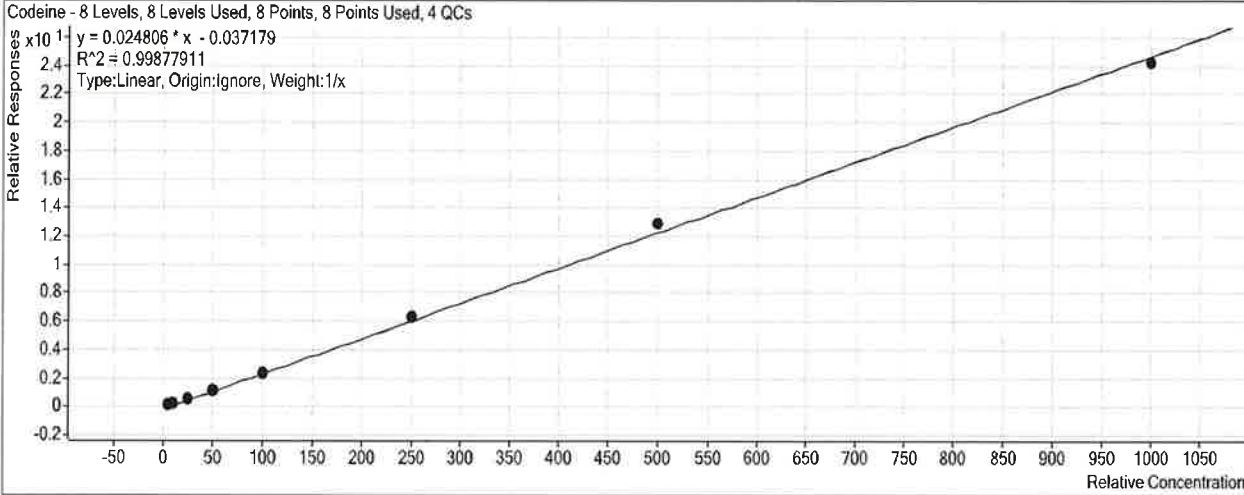
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** Codeine  
**Internal Standard** Codeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.9	118.7
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.5	95.0
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	9.8	97.9
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.9	91.6
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.5	93.1
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	96.8	96.8
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	92.6	92.6
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	256.4	102.5
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	241.9	96.8
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	521.3	104.3
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	980.7	98.1
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	985.3	98.5



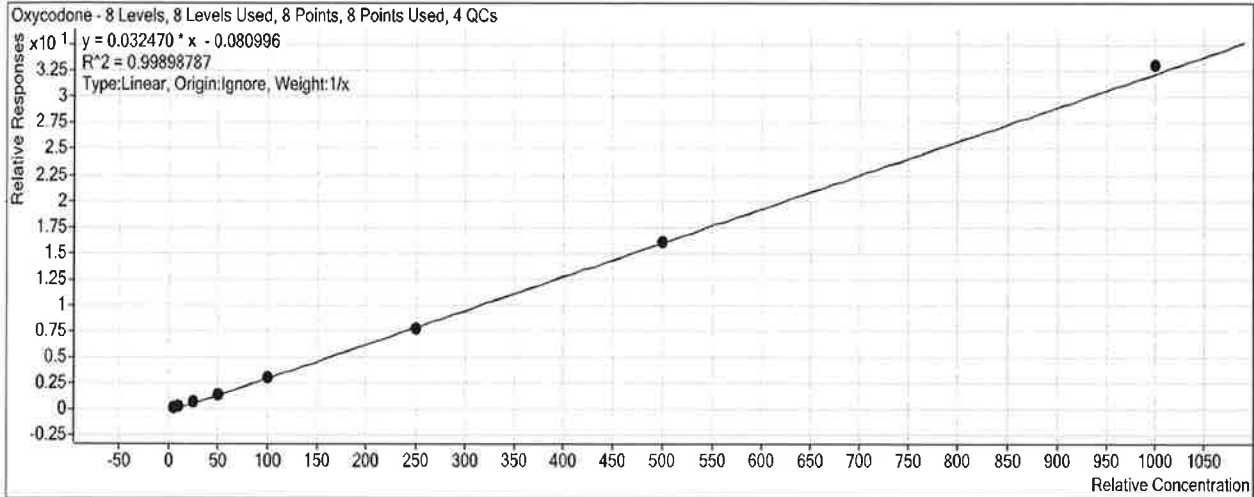
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** Oxycodone  
**Internal Standard** Oxycodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.9	118.4
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.2	102.4
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.6	106.3
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.4	93.7
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.9	93.7
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	94.3	94.3
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	93.1	93.1
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	239.2	95.7
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	249.5	99.8
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	497.4	99.5
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1022.7	102.3
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1025.8	102.6

# ISP Forensics Calibration Curve Report

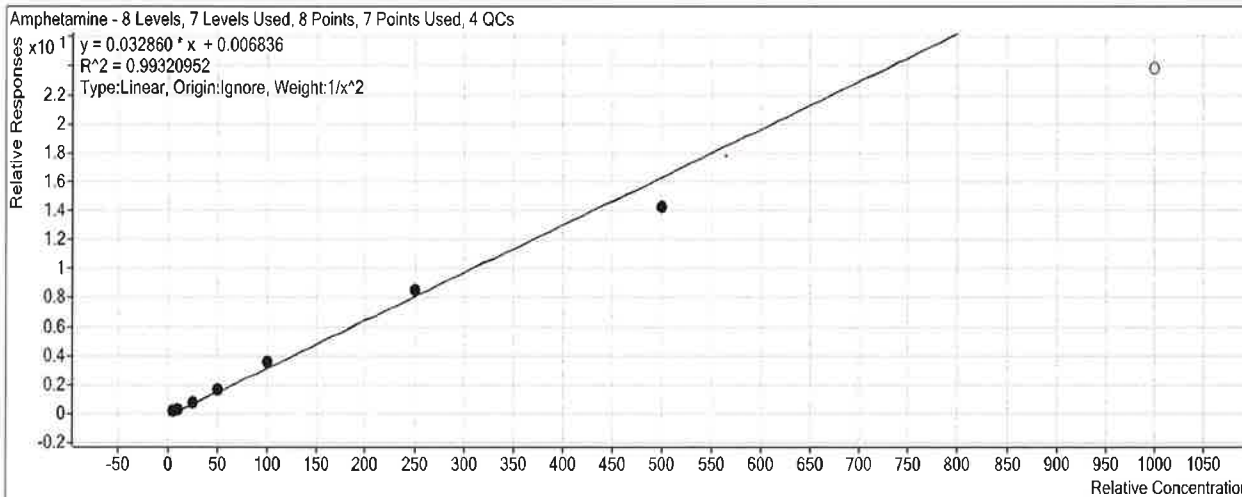
S

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** Amphetamine  
**Internal Standard** Amphetamine-D11



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	101.5
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.5	95.3
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	9.8	98.4
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	25.1	100.4
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	52.0	104.0
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	107.7	107.7
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	111.2	111.2
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	260.7	104.3
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	277.2	110.9
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	433.9	86.8
a cal 8-1000ng.d	8	<input type="checkbox"/>	1000	725.7	72.6
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	844.9	84.5

# ISP Forensics Calibration Curve Report

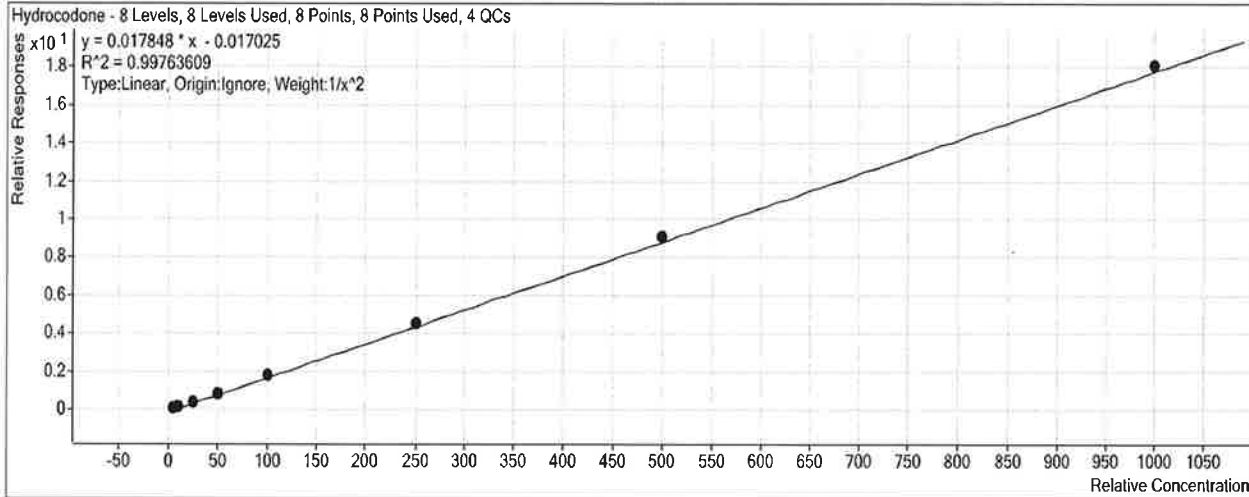
A

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** Hydrocodone  
**Internal Standard** Hydrocodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	104.4
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.3	93.2
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	9.3	92.6
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.7	94.9
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.7	97.4
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	103.1	103.1
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	102.9	102.9
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	257.4	102.9
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	265.3	106.1
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	512.0	102.4
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1015.9	101.6
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1013.0	101.3

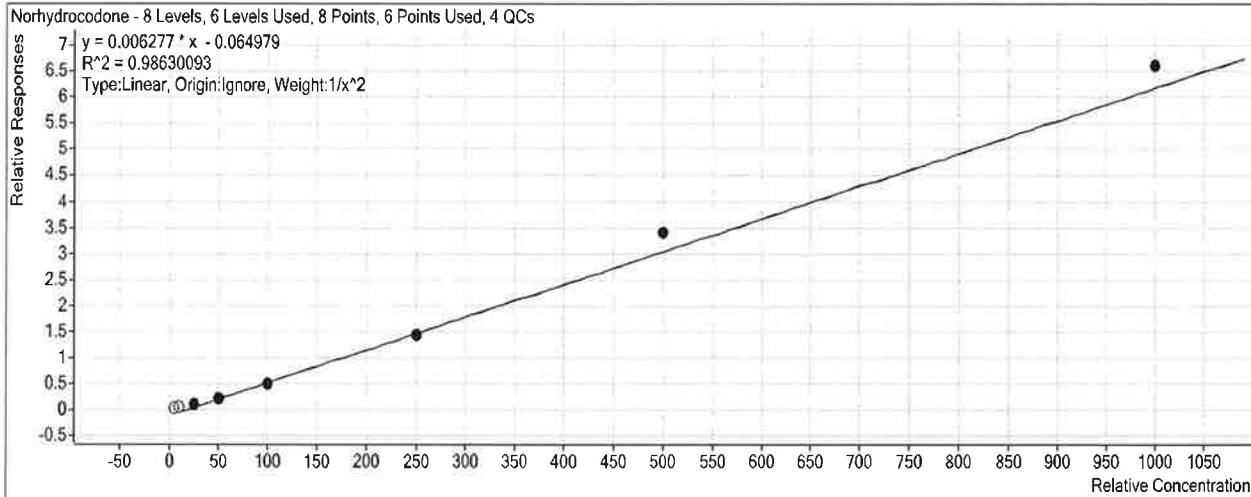
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** *Norhydrocodone*  
**Internal Standard** *Norhydrocodone-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input type="checkbox"/>	5	14.1	281.0
a cal 2-10ng.d	2	<input type="checkbox"/>	10	17.7	176.7
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	17.7	177.2
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	26.9	107.7
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	44.3	88.7
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	91.0	91.0
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	83.0	83.0
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	238.5	95.4
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	238.4	95.4
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	553.4	110.7
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1065.4	106.5
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1176.6	117.7

# ISP Forensics Calibration Curve Report

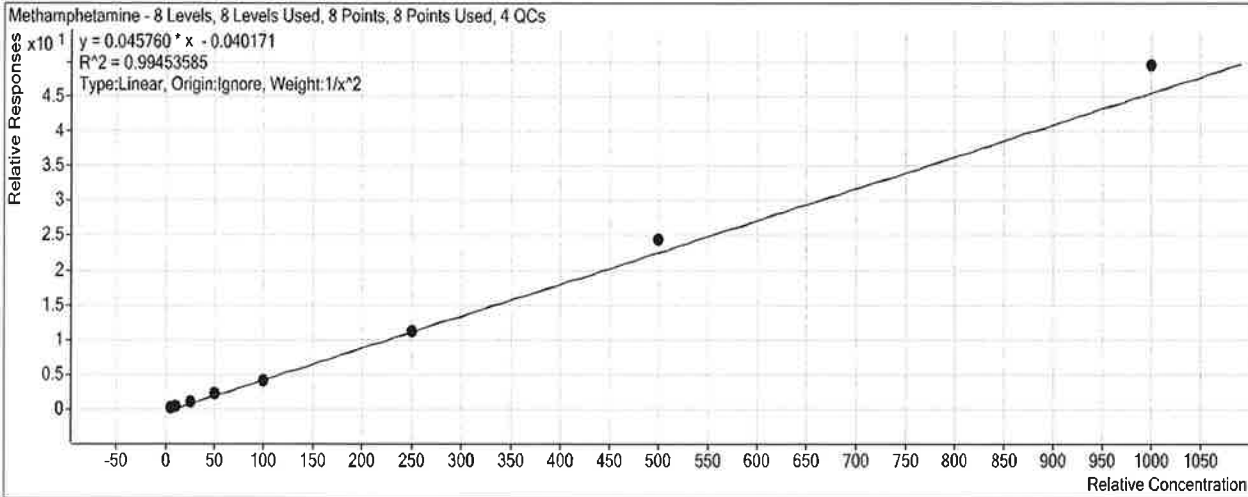
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** *Methamphetamine*  
**Internal Standard** *Methamphetamine-D11*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	105.1
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.1	91.5
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	9.4	93.7
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.4	97.6
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	49.5	99.0
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	92.8	92.8
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	89.5	89.5
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	244.8	97.9
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	241.9	96.8
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	537.8	107.6
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1084.5	108.4
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1070.2	107.0

# ISP Forensics Calibration Curve Report

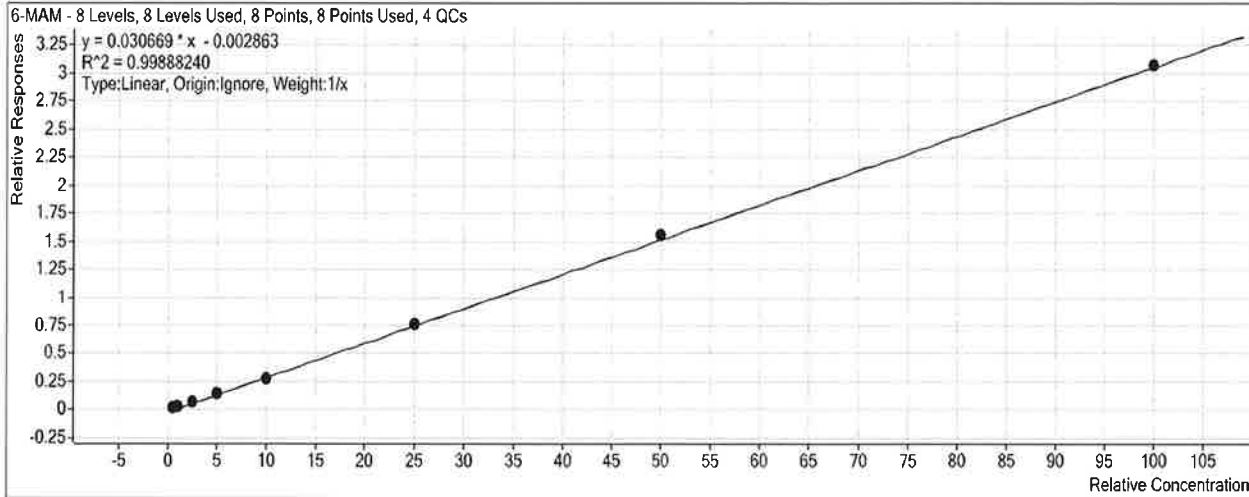
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** 6-MAM  
**Internal Standard** 6-MAM-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	0.5	0.6	126.2
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	1	1.0	97.9
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	1	1.0	95.4
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	2.5	2.2	89.1
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	5	4.7	93.7
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	10	9.0	90.3
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	10	8.9	89.2
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	25	25.1	100.5
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	25	24.4	97.5
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	50	50.9	101.9
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	100	100.4	100.4
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	100	103.1	103.1

# ISP Forensics Calibration Curve Report

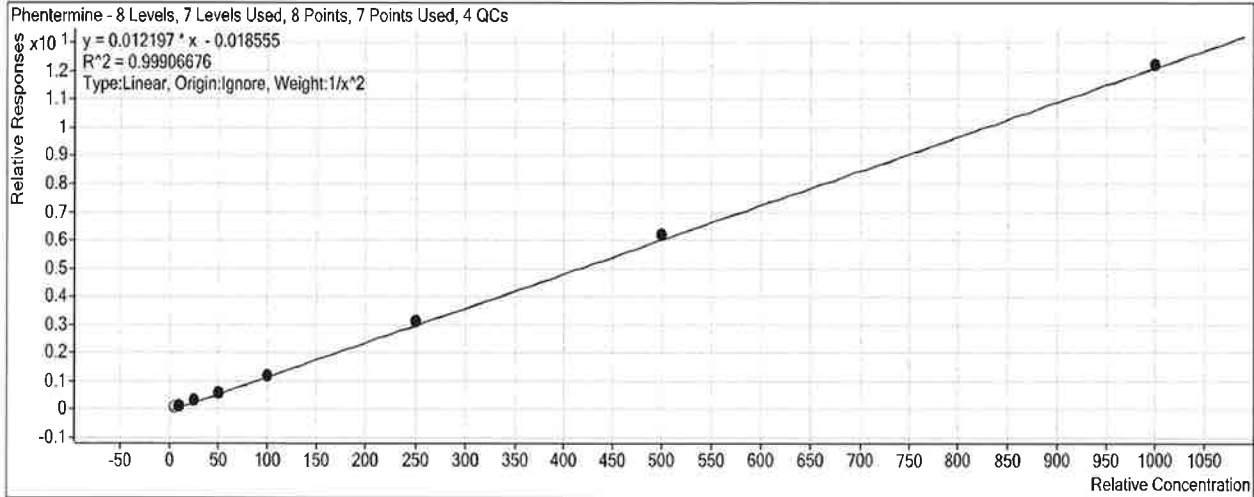
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** *Phentermine*  
**Internal Standard** *Phentermine-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input type="checkbox"/>	5	5.2	105.0
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.1	100.8
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.0	99.9
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	25.1	100.4
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.9	95.7
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	97.2	97.2
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	97.6	97.6
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	257.6	103.0
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	244.9	98.0
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	510.8	102.2
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1007.0	100.7
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1045.1	104.5

# ISP Forensics Calibration Curve Report

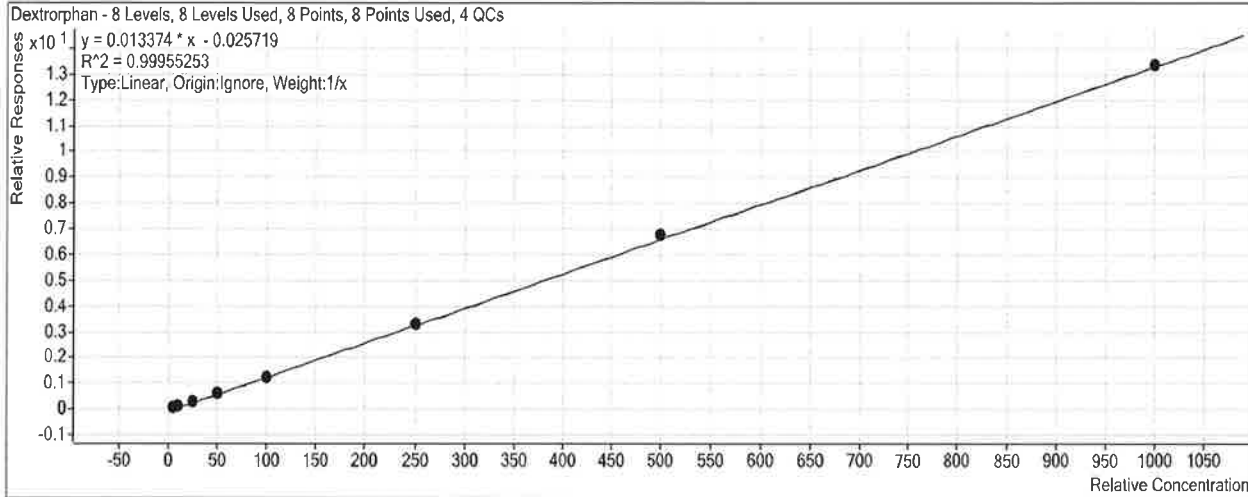
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** *Dextrorphan*  
**Internal Standard** *Dextrorphan-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.9	117.6
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.7	97.5
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.8	108.5
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.9	95.5
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.4	92.8
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	95.6	95.6
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	95.7	95.7
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	248.1	99.2
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	252.1	100.8
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	507.1	101.4
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1003.4	100.3
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1061.7	106.2



# ISP Forensics Calibration Curve Report

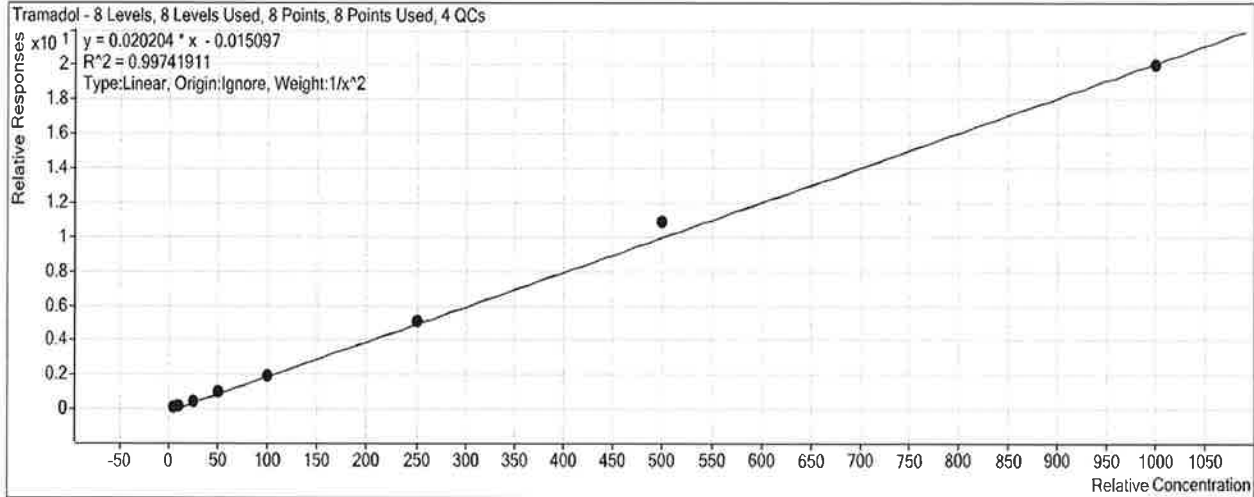
R

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** *Tramadol*  
**Internal Standard** *Tramadol-13C-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	102.2
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.8	97.7
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.0	100.2
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.5	94.2
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	51.1	102.3
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	95.0	95.0
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	95.3	95.3
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	253.8	101.5
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	254.5	101.8
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	538.7	107.7
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	993.1	99.3
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	900.2	90.0

# ISP Forensics Calibration Curve Report

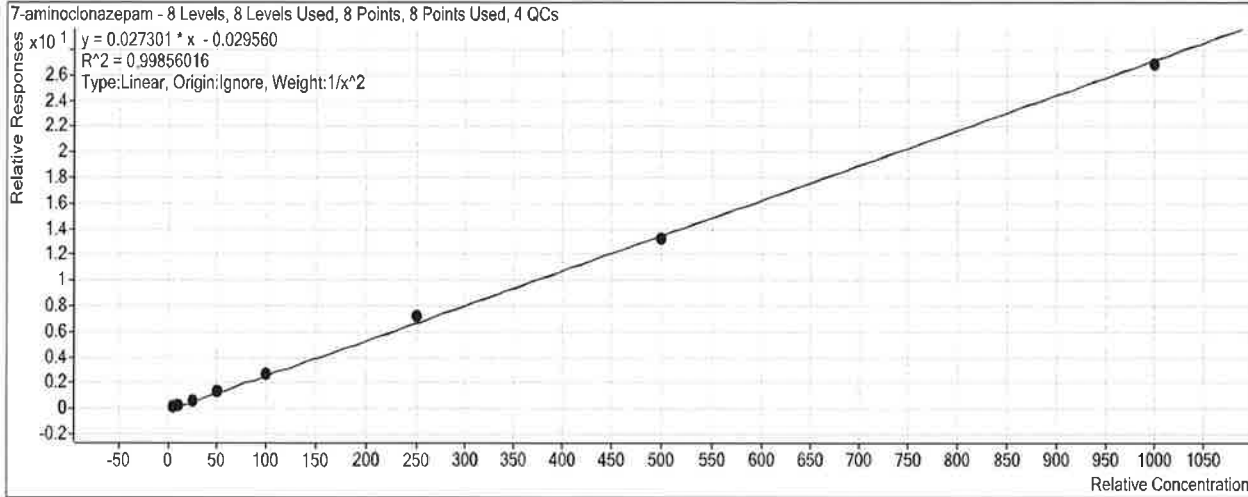
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** 7-aminoclonazepam  
**Internal Standard** 7-Aminoclonazepam-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	102.1
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.7	96.7
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	9.5	95.4
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.2	96.7
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	50.2	100.3
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	101.8	101.8
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	101.9	101.9
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	265.5	106.2
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	245.6	98.2
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	487.3	97.5
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	986.6	98.7
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1008.3	100.8

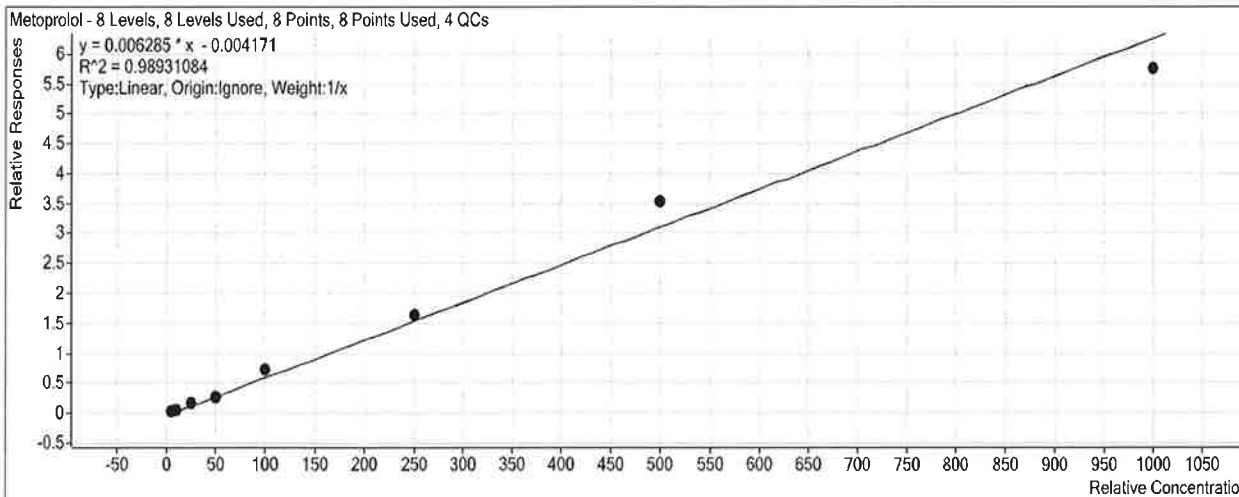
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** *Metoprolol*  
**Internal Standard** *Oxycodone-D6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	4.4	88.5
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	8.7	86.9
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.0	100.0
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	28.7	114.7
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	43.1	86.3
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	115.1	115.1
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	89.1	89.1
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	260.9	104.3
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	232.7	93.1
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	562.2	112.4
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	916.9	91.7
a QC 1000 (QC 4).d	8	<input type="checkbox"/>	1000	864.0	86.4

# ISP Forensics Calibration Curve Report

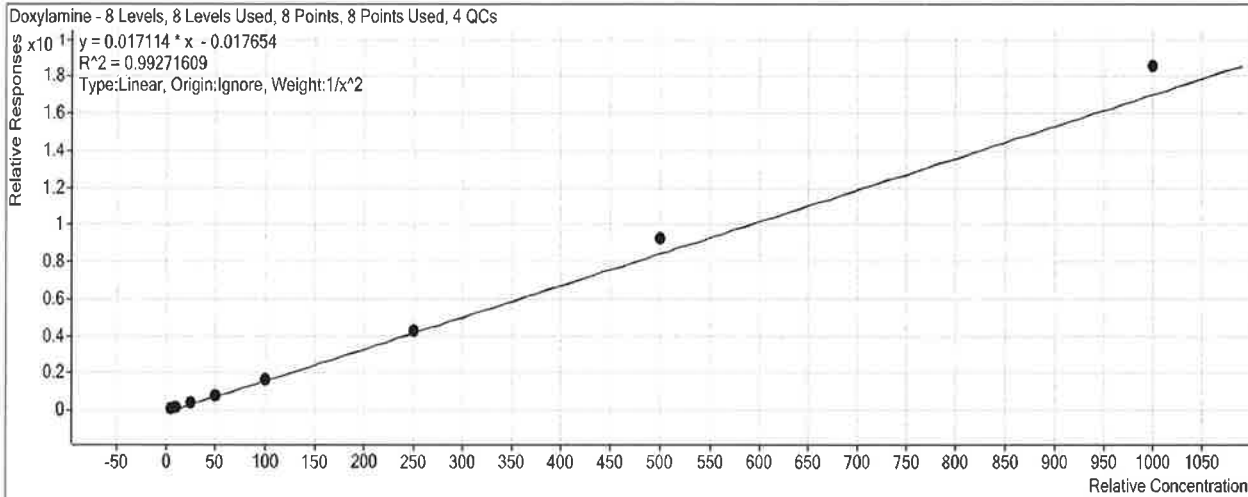
*SP*

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** Doxylamine  
**Internal Standard** Doxylamine-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.4	107.1
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	8.8	88.0
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.3	102.7
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.4	97.5
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.1	94.2
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	96.7	96.7
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	99.1	99.1
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	249.2	99.7
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	261.8	104.7
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	540.2	108.0
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1087.5	108.7
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1077.9	107.8

# ISP Forensics Calibration Curve Report

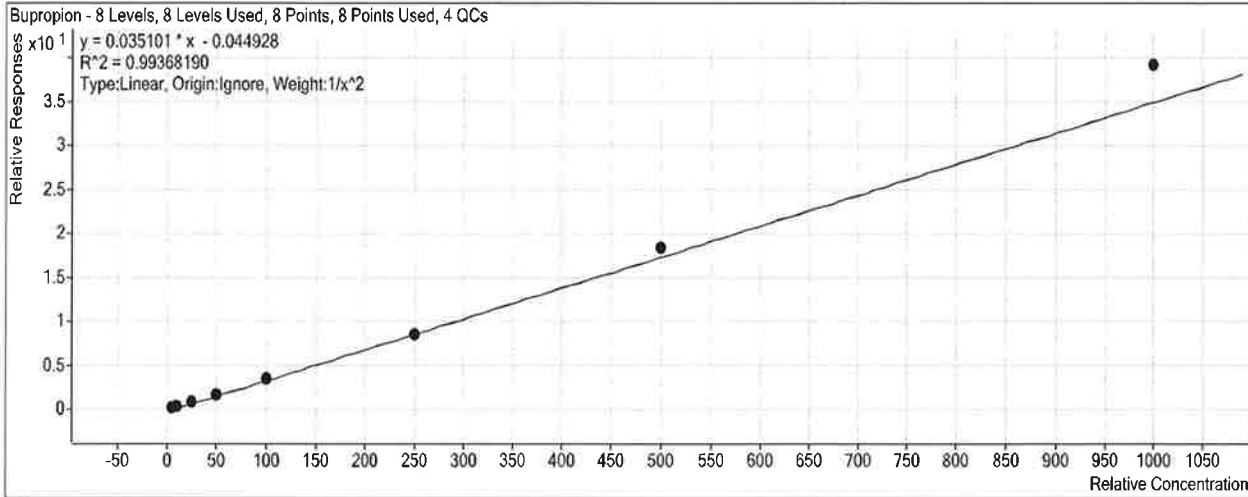
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** *Bupropion*  
**Internal Standard** *Bupropion-D9*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	104.6
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.5	95.2
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	9.6	96.3
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.0	92.1
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.2	92.5
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	101.1	101.1
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	94.1	94.1
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	244.2	97.7
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	234.7	93.9
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	525.0	105.0
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1118.5	111.8
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	917.8	91.8

# ISP Forensics Calibration Curve Report

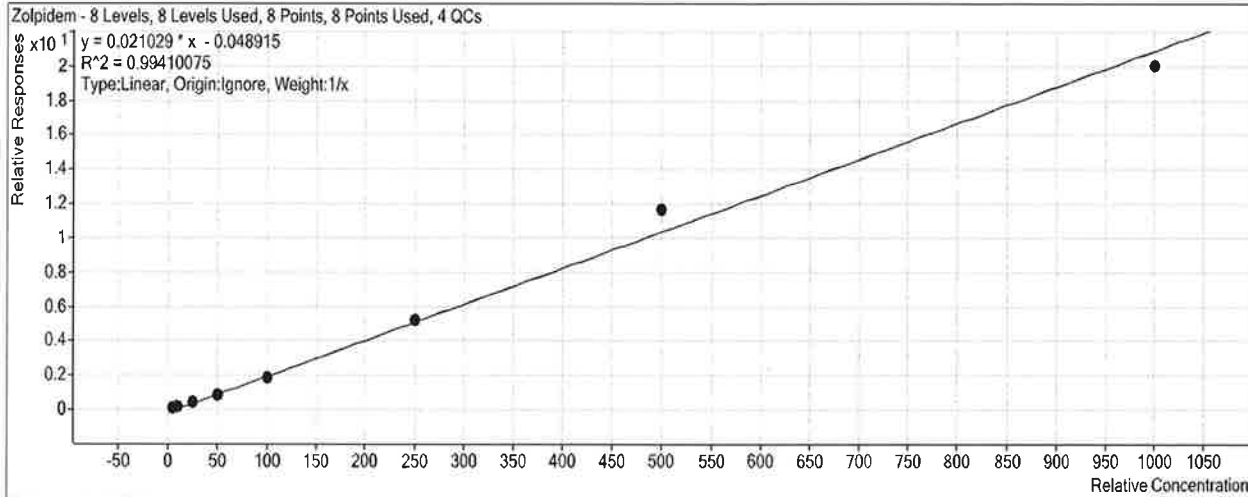
R

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** Zolpidem  
**Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	6.1	121.1
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.0	100.3
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.3	103.4
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.9	91.6
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	44.0	88.0
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	91.9	91.9
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	90.2	90.2
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	249.0	99.6
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	249.0	99.6
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	558.8	111.8
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	957.4	95.7
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	910.6	91.1

# ISP Forensics Calibration Curve Report

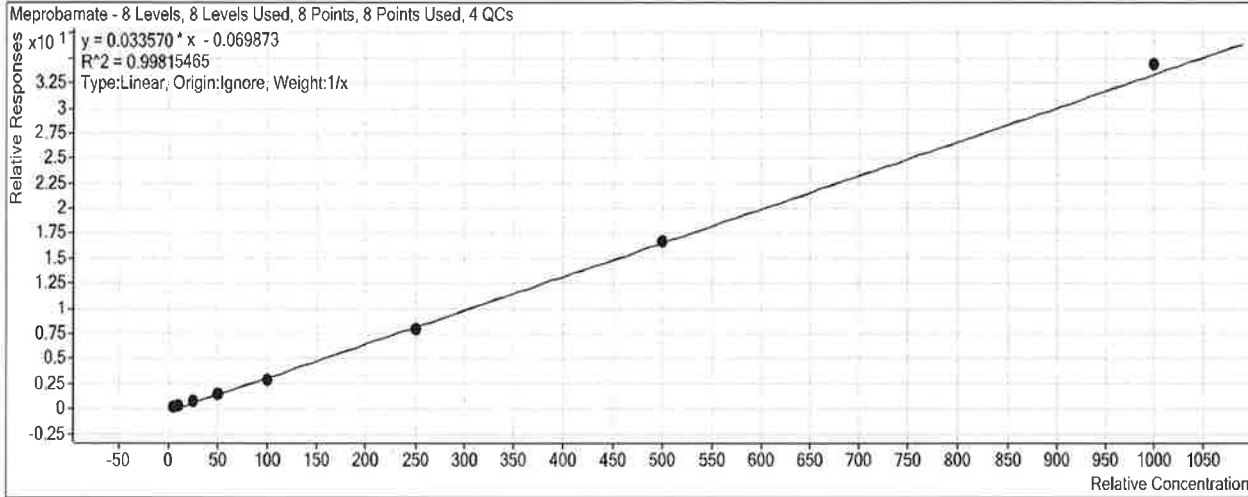
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** Meprobamate  
**Internal Standard** Meprobamate-D7



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	6.3	126.8
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.2	101.8
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.3	103.1
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.1	92.6
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	45.8	91.7
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	89.0	89.0
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	94.1	94.1
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	239.0	95.6
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	242.6	97.0
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	499.2	99.8
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1027.2	102.7
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1040.6	104.1

# ISP Forensics Calibration Curve Report

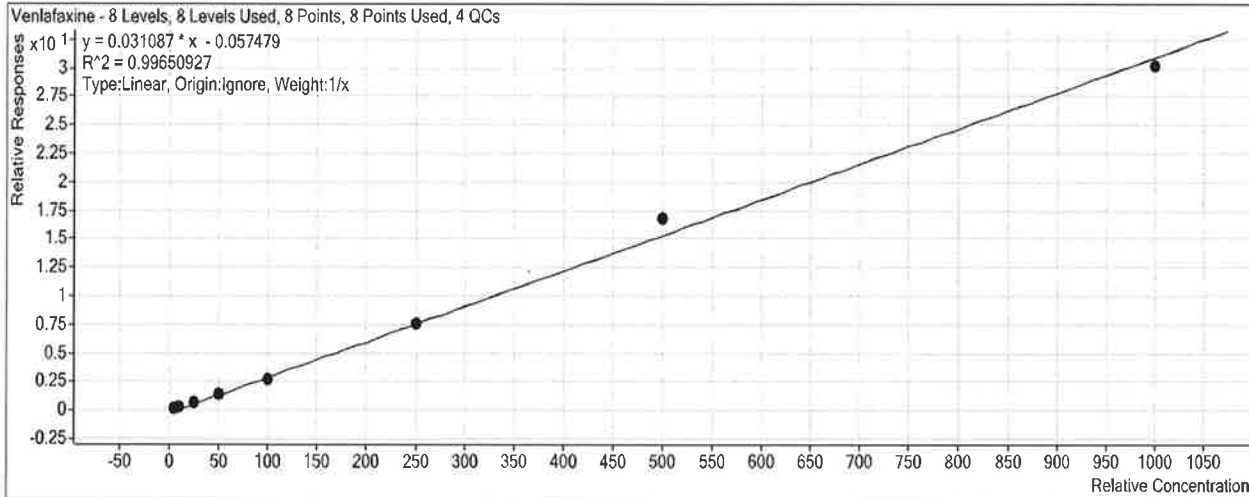


**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** *Venlafaxine*  
**Internal Standard** *Venlafaxine-D6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	6.1	122.8
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.7	96.6
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	11.1	110.9
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.5	93.9
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	45.8	91.5
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	90.0	90.0
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	92.6	92.6
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	247.7	99.1
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	247.2	98.9
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	543.5	108.7
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	973.8	97.4
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1066.6	106.7



# ISP Forensics Calibration Curve Report

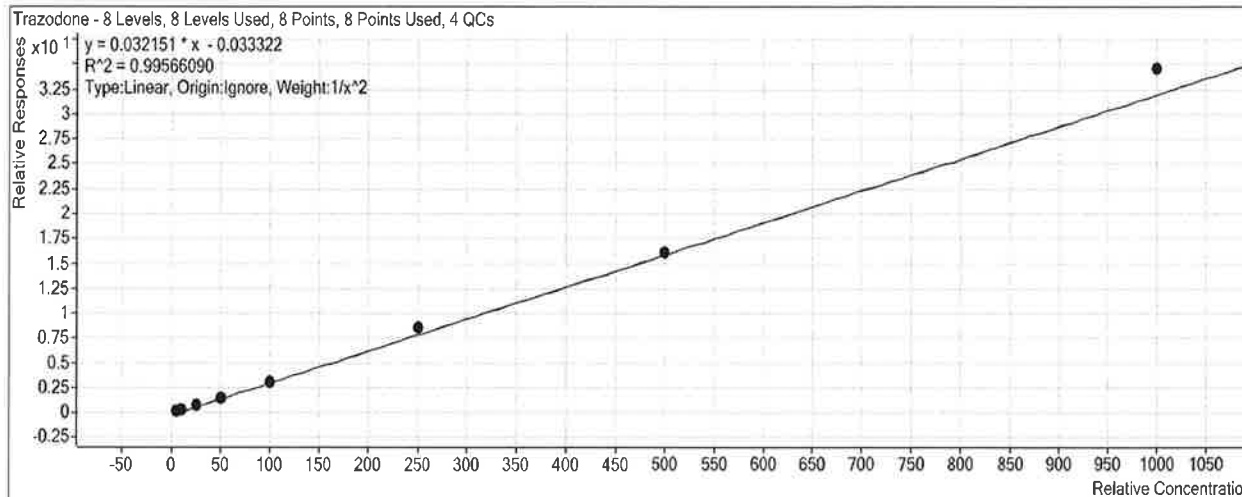
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** Trazodone  
**Internal Standard** Trazodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	103.1
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.8	97.7
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.7	106.7
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.1	92.5
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.9	95.7
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	95.5	95.5
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	106.6	106.6
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	268.8	107.5
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	267.2	106.9
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	500.7	100.1
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1078.9	107.9
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1173.1	117.3

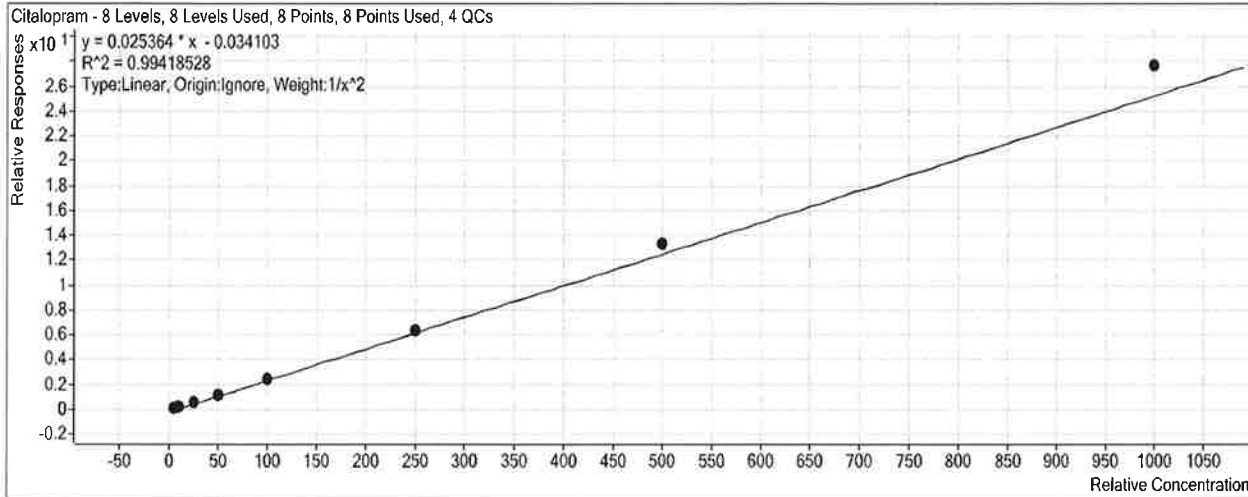
# ISP Forensics Calibration Curve Report

B

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM      **Analyst Name** ISP TOX

**Target Compound** Citalopram  
**Internal Standard** Citalopram-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	106.3
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.1	90.7
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.0	99.8
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.5	94.0
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.3	96.6
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	96.1	96.1
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	92.1	92.1
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	254.1	101.6
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	239.5	95.8
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	527.0	105.4
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1093.4	109.3
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1059.8	106.0

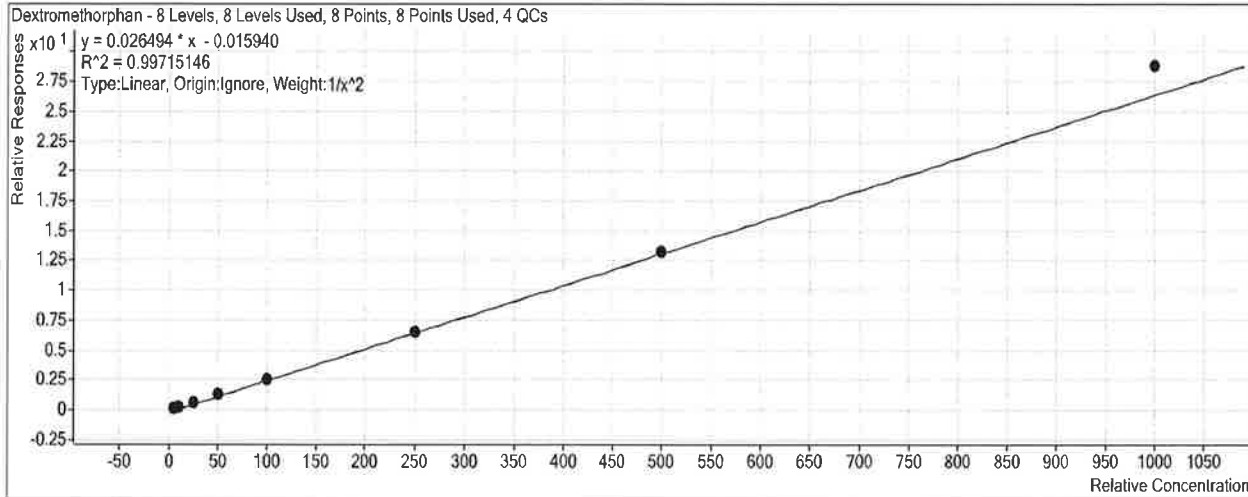
# ISP Forensics Calibration Curve Report

R

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM      **Analyst Name** ISP TOX

**Target Compound** *Dextromethorphan*  
**Internal Standard** *Dextromethorphan-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	103.0
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.7	96.8
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	13.7	137.2
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.3	93.0
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	49.9	99.8
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	98.8	98.8
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	107.0	107.0
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	247.6	99.1
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	256.8	102.7
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	502.4	100.5
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1089.6	109.0
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1135.2	113.5

# ISP Forensics Calibration Curve Report

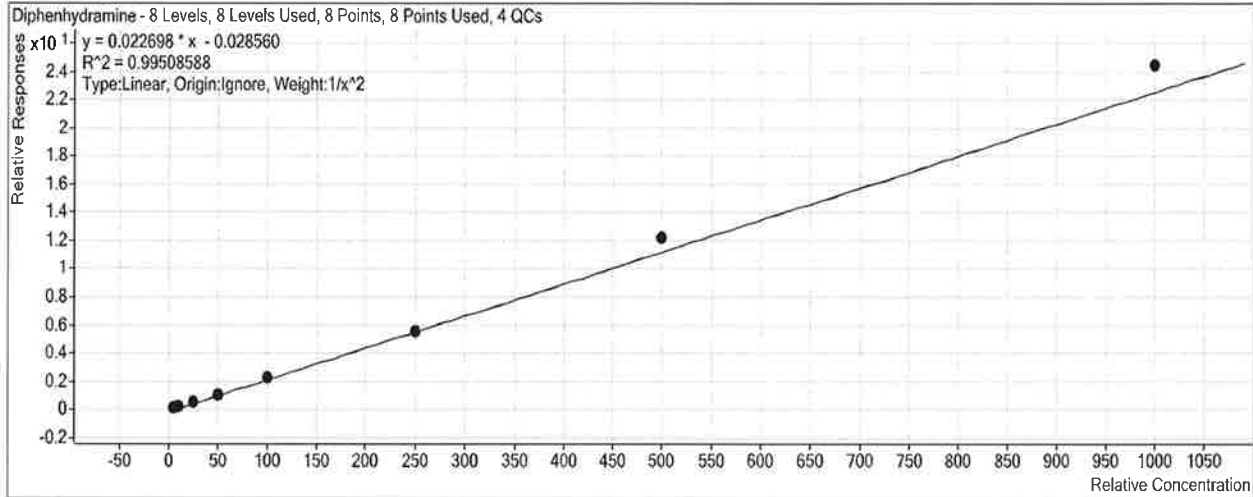
*SP*

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** *Diphenhydramine*  
**Internal Standard** *Diphenhydramine-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	104.8
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.4	93.7
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	12.1	121.3
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.8	95.0
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.6	93.2
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	98.8	98.8
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	90.6	90.6
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	246.9	98.8
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	246.3	98.5
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	537.9	107.6
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1081.3	108.1
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1042.5	104.3

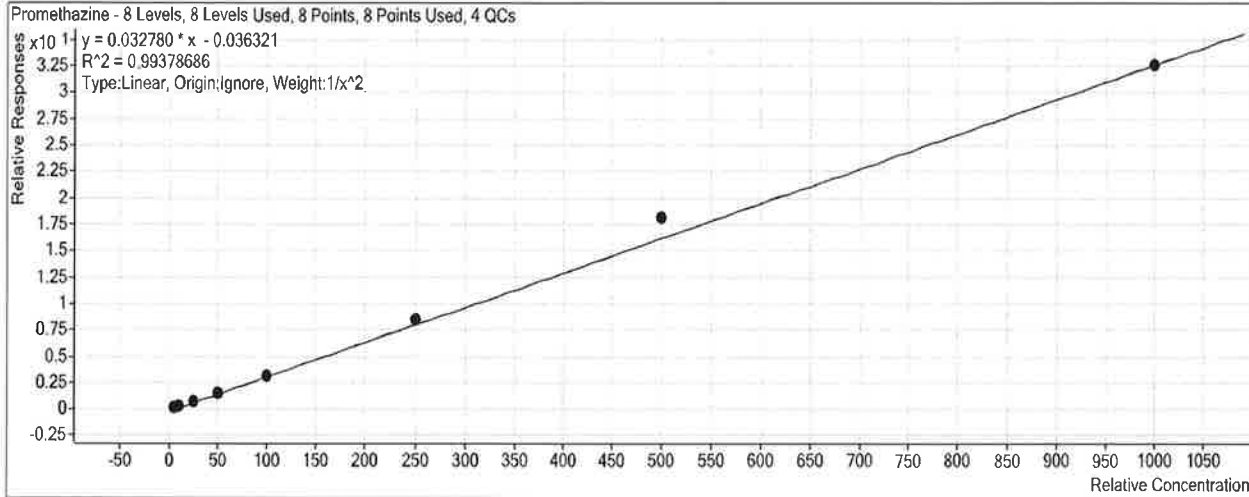
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** Promethazine  
**Internal Standard** Promethazine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	104.0
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.7	97.2
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.6	106.2
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	21.9	87.5
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	49.4	98.8
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	97.4	97.4
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	103.2	103.2
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	260.4	104.2
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	238.3	95.3
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	555.9	111.2
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	997.5	99.8
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	948.5	94.8

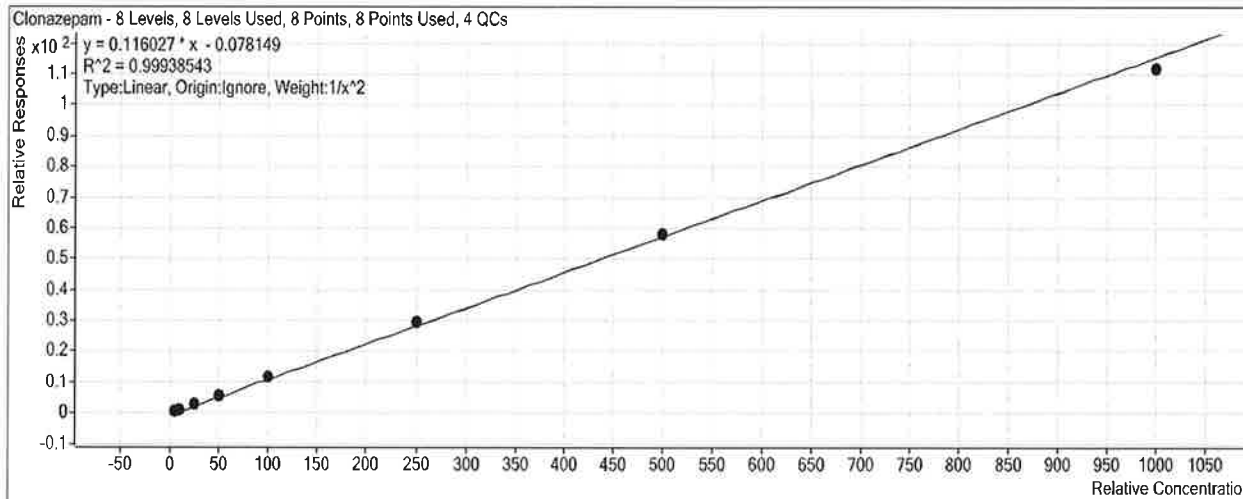
# ISP Forensics Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM      **Analyst Name** ISP TOX

**Target Compound** *Clonazepam*  
**Internal Standard** *Clonazepam-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.0	100.8
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.9	98.8
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.2	102.4
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.4	97.4
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	51.1	102.1
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	101.7	101.7
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	107.4	107.4
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	255.0	102.0
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	279.7	111.9
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	502.7	100.5
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	965.4	96.5
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1057.3	105.7

# ISP Forensics Calibration Curve Report

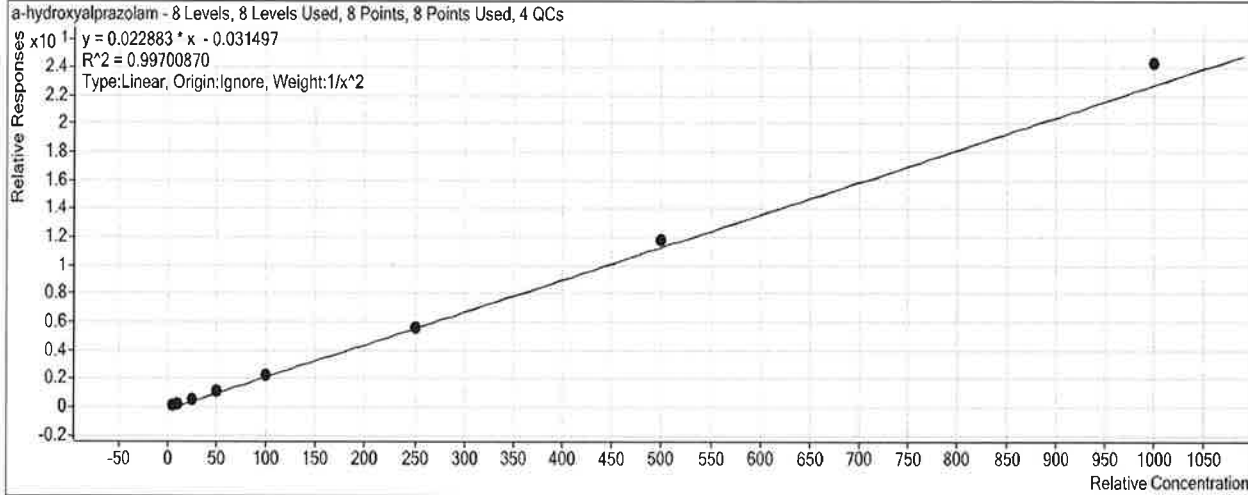
R

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** *a-hydroxyalprazolam*  
**Internal Standard** *a-hydroxyalprazolam-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	104.8
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.2	92.1
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	9.6	96.0
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.2	96.8
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.8	97.7
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	99.6	99.6
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	97.9	97.9
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	247.4	99.0
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	252.6	101.0
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	517.9	103.6
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1065.1	106.5
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1022.8	102.3

# ISP Forensics Calibration Curve Report

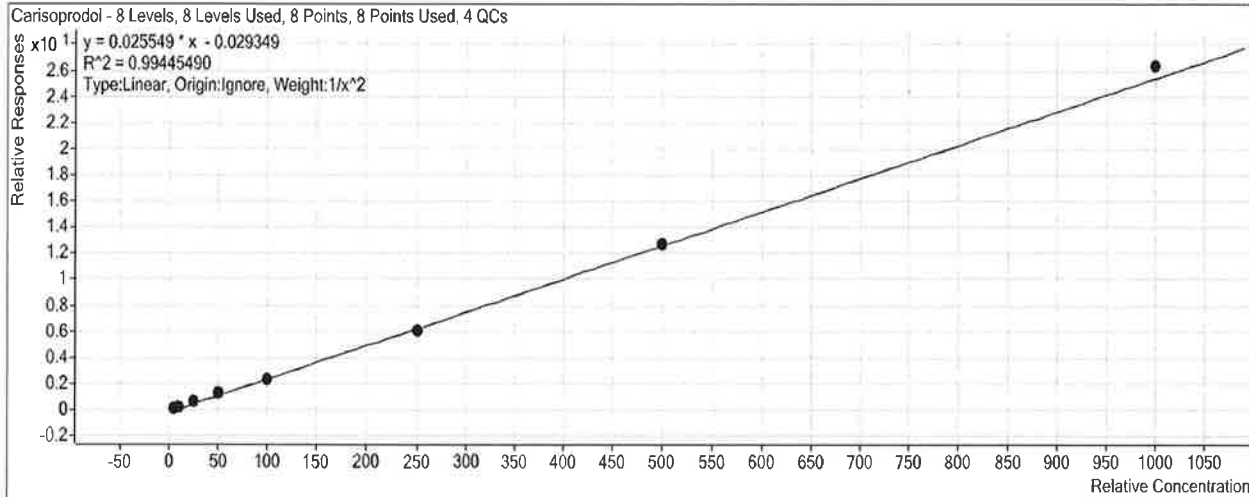
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** *Carisoprodol*  
**Internal Standard** *Carisoprodol-D7*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	102.1
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.1	91.4
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.7	107.2
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	27.8	111.1
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	51.8	103.6
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	92.9	92.9
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	107.6	107.6
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	239.8	95.9
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	282.1	112.8
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	497.0	99.4
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1034.9	103.5
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1000.5	100.0



# ISP Forensics Calibration Curve Report

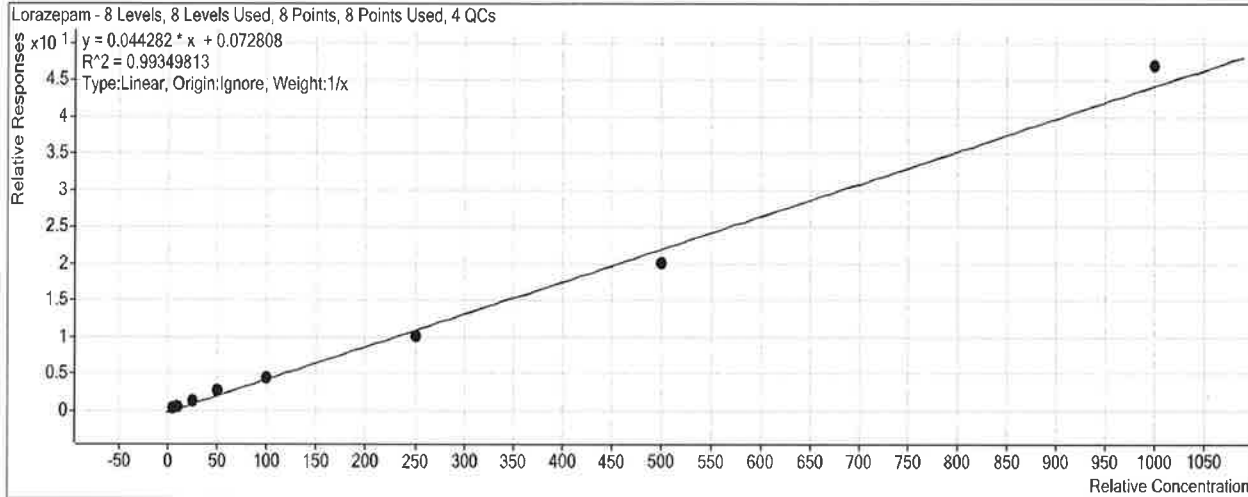
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** Lorazepam  
**Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	4.3	85.7
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.7	106.9
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	12.4	123.9
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	26.1	104.2
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	57.9	115.9
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	99.8	99.8
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	100.7	100.7
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	226.9	90.8
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	235.4	94.2
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	453.6	90.7
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1060.8	106.1
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1002.9	100.3

# ISP Forensics Calibration Curve Report

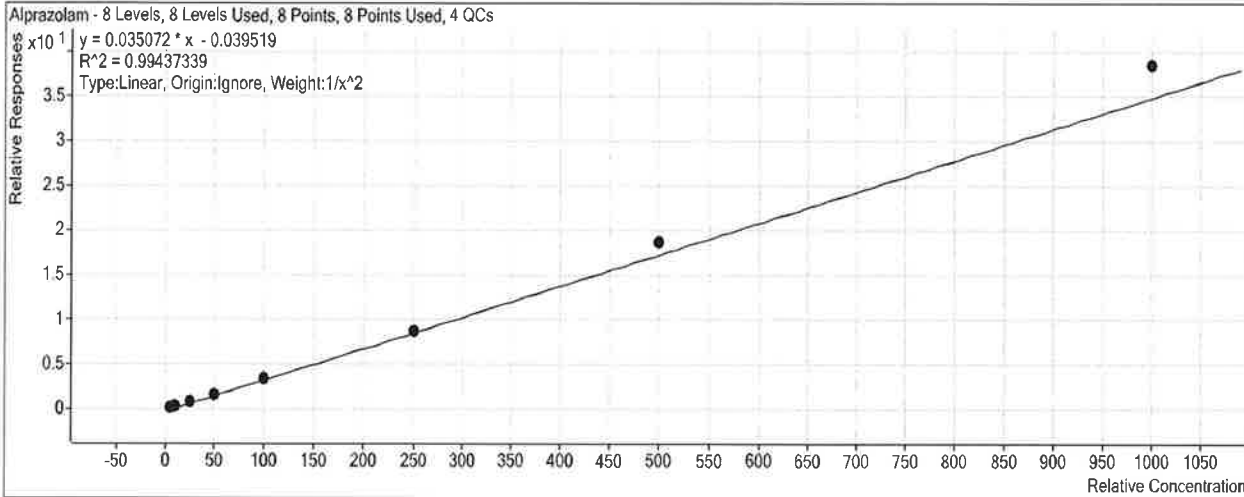
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin

**Last Calib Update** 2/21/2019 10:26 AM

**Analyst Name** ISP TOX

**Target Compound** Alprazolam  
**Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	104.7
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.5	94.7
a QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.1	100.9
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.2	93.0
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.3	94.7
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	95.8	95.8
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	94.9	94.9
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	250.0	100.0
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	256.9	102.7
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	535.4	107.1
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1101.4	110.1
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1093.4	109.3

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

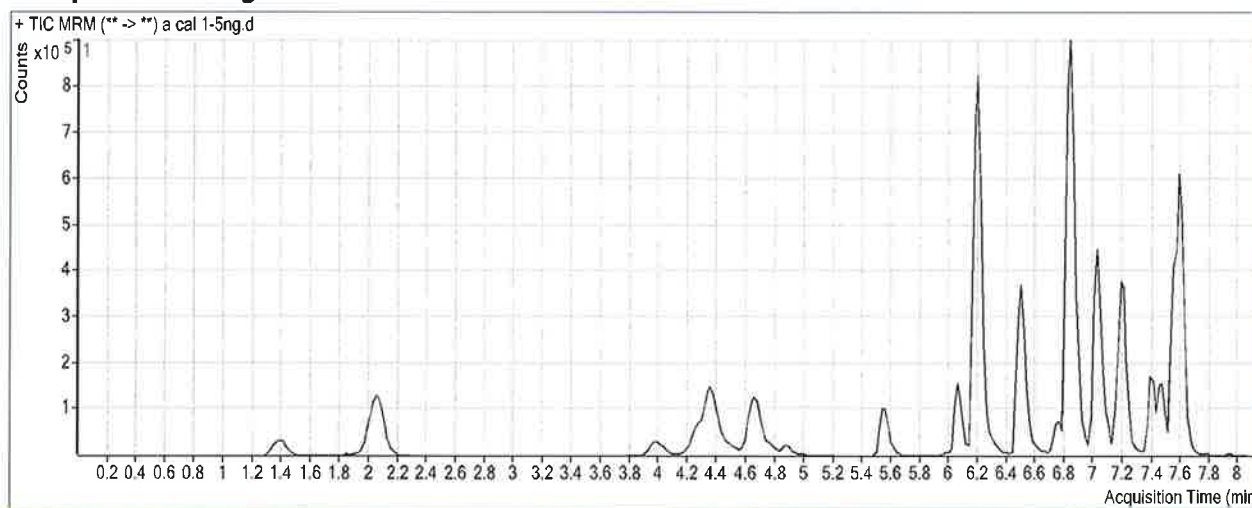
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin  
**Analysis Time** 2/21/2019 10:27 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 10:33 AM **Reporter Name** datastor  
**Last Calib Update** 2/21/2019 10:26 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 14:33 **Data File** a cal 1-5ng.d  
**Sample Type** Calibration **Sample Name** a cal 1-5ng.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 7-11-18.m  
**Position** P1-A1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.410	23625	108838	0.2171	5.4544
Hydromorphone	Hydromorphone-D6	2.071	76730	671831	0.1142	5.2931
Codeine	Codeine-D6	4.037	11092	100839	0.1100	5.9330
Oxycodone	Oxycodone-D6	4.393	76187	684468	0.1113	5.9225
Amphetamine	Amphetamine-D11	4.427	47477	273398	0.1737	5.0766
Hydrocodone	Hydrocodone-D6	4.678	27559	361808	0.0762	5.2216
Norhydrocodone	Norhydrocodone-D3	4.721	2119	91288	0.0232	14.0503
Methamphetamine	Methamphetamine-D11	4.784	50878	253994	0.2003	5.2553
6-MAM	6-MAM-D6	4.912	1244	75426	0.0165	0.6310
Phentermine	Phentermine-D5	5.610	21492	472732	0.0455	5.2486
Dextroprphan	Dextroprphan-D3	6.067	27264	515058	0.0529	5.8812
Tramadol	Tramadol-13C-D3	6.207	217596	2467449	0.0882	5.1121
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	70161	638935	0.1098	5.1050
Metoprolol	Oxycodone-D6	6.305	16179	684468	0.0236	4.4248
Doxylamine	Doxylamine-D5	6.506	97218	1313412	0.0740	5.3565
Bupropion	Bupropion-D9	6.775	31289	225582	0.1387	5.2316
Zolpidem	Zolpidem-D6	6.865	257291	3278849	0.0785	6.0575
Meprobamate	Meprobamate-D7	6.918	34390	240561	0.1430	6.3398
Venlafaxine	Venlafaxine-D6	7.030	148291	1111766	0.1334	6.1396
Trazodone	Trazodone-D6	7.080	49847	376250	0.1325	5.1571

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *a cal 1*

*S*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.163	45502	452003	0.1007	5.3135
Dextromethorphan	Dextromethorphan-D3	7.194	15397	127724	0.1206	5.1517
Diphenhydramine	Diphenhydramine-D3	7.218	74979	829525	0.0904	5.2405
Promethazine	Promethazine-D3	7.393	63417	473032	0.1341	5.1979
Clonazepam	Clonazepam-D4	7.469	104162	205665	0.5065	5.0386
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.545	18291	206852	0.0884	5.2406
Carisoprodol	Carisoprodol-D7	7.558	90236	892479	0.1011	5.1060
Lorazepam	Clonazepam-D4	7.587	53988	205665	0.2625	4.2838
Alprazolam	Alprazolam-D5	7.612	202136	1403391	0.1440	5.2336

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

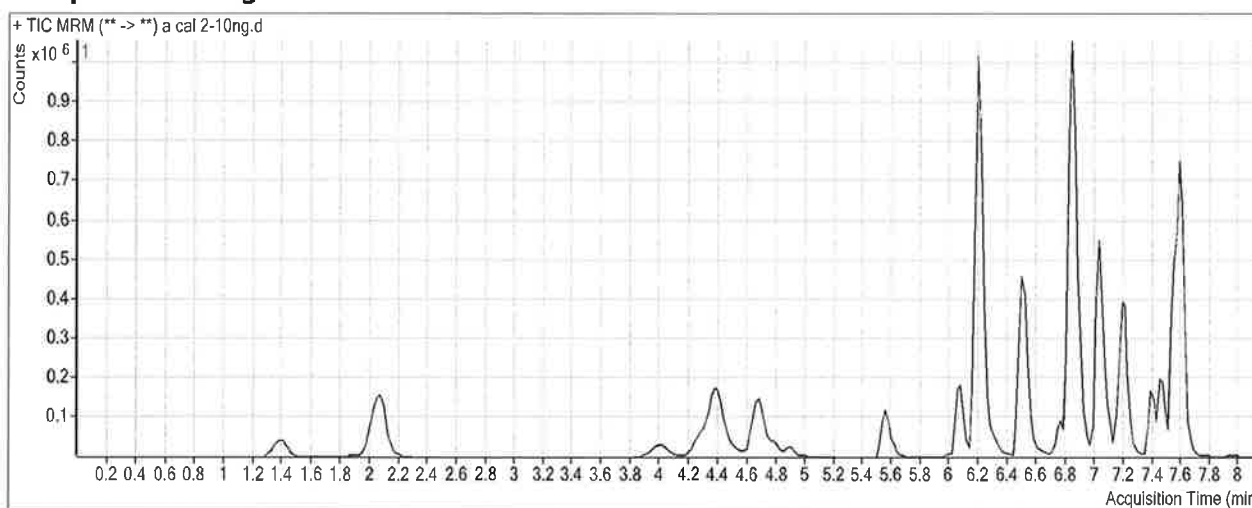
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin  
**Analysis Time** 2/21/2019 10:27 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 10:33 AM **Reporter Name** datastor  
**Last Calib Update** 2/21/2019 10:26 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 15:05 **Data File** a cal 2-10ng.d  
**Sample Type** Calibration **Sample Name** a cal 2-10ng.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 7-11-18.m  
**Position** P1-B1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.410	45679	115714	0.3948	8.6465
Hydromorphone	Hydromorphone-D6	2.091	159570	686973	0.2323	9.3118
Codeine	Codeine-D6	4.057	21110	106306	0.1986	9.5039
Oxycodone	Oxycodone-D6	4.413	176109	700165	0.2515	10.2408
Amphetamine	Amphetamine-D11	4.427	90389	282459	0.3200	9.5303
Hydrocodone	Hydrocodone-D6	4.698	60342	404172	0.1493	9.3188
Norhydrocodone	Norhydrocodone-D3	4.741	4474	97425	0.0459	17.6698
Methamphetamine	Methamphetamine-D11	4.784	101187	267340	0.3785	9.1491
6-MAM	6-MAM-D6	4.892	2246	82673	0.0272	0.9791
Phentermine	Phentermine-D5	5.610	52609	503833	0.1044	10.0818
Dextrophan	Dextrophan-D3	6.087	58464	558594	0.1047	9.7492
Tramadol	Tramadol-13C-D3	6.207	490090	2689273	0.1822	9.7673
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	158115	674688	0.2344	9.6669
Metoprolol	Oxycodone-D6	6.325	35322	700165	0.0504	8.6908
Doxylamine	Doxylamine-D5	6.526	199589	1501374	0.1329	8.7991
Bupropion	Bupropion-D9	6.775	64277	222360	0.2891	9.5153
Zolpidem	Zolpidem-D6	6.865	551864	3407036	0.1620	10.0285
Meprobamate	Meprobamate-D7	6.918	67900	249882	0.2717	10.1757
Venlafaxine	Venlafaxine-D6	7.030	308695	1270723	0.2429	9.6634
Trazodone	Trazodone-D6	7.080	96604	344213	0.2807	9.7657

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report a cal z

S

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.163	83585	426714	0.1959	9.0674
Dextromethorphan	Dextromethorphan-D3	7.194	28990	120511	0.2406	9.6814
Diphenhydramine	Diphenhydramine-D3	7.218	143021	777180	0.1840	9.3659
Promethazine	Promethazine-D3	7.393	111870	396372	0.2822	9.7179
Clonazepam	Clonazepam-D4	7.469	225117	210689	1.0685	9.8824
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.525	41118	229445	0.1792	9.2076
Carisoprodol	Carisoprodol-D7	7.558	181413	888065	0.2043	9.1442
Lorazepam	Clonazepam-D4	7.587	115068	210689	0.5462	10.6893
Alprazolam	Alprazolam-D5	7.612	416588	1423332	0.2927	9.4720

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

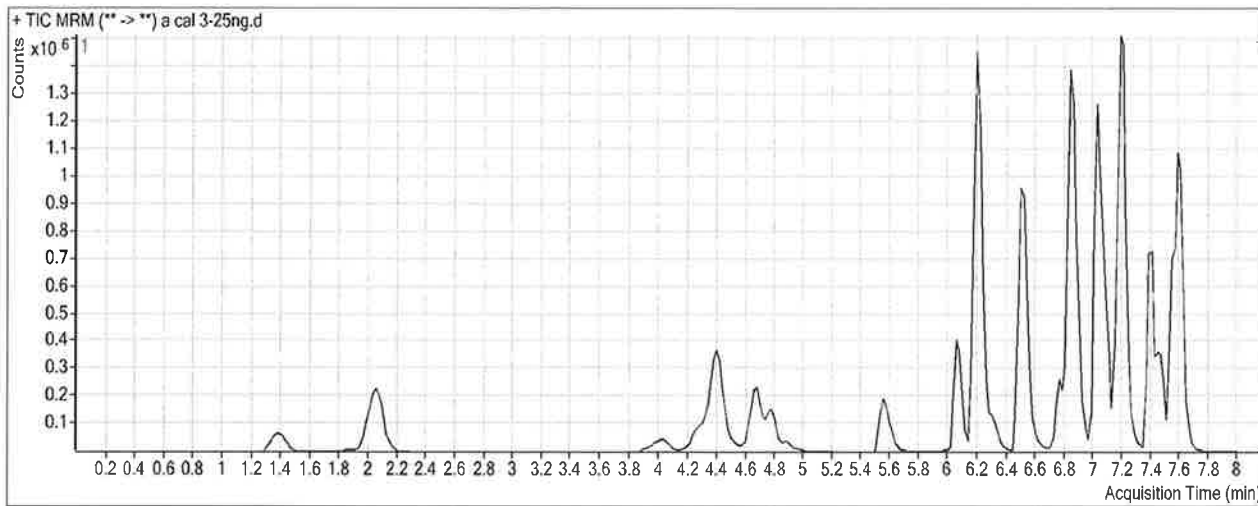
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin  
**Analysis Time** 2/21/2019 10:27 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 10:33 AM **Reporter Name** datastor  
**Last Calib Update** 2/21/2019 10:26 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2019-02-19 15:36 **Data File** a cal 3-25ng.d  
**Sample Type** Calibration **Sample Name** a cal 3-25ng.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 7-11-18.m  
**Position** P1-C1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.389	120979	103384	1.1702	22.5762
Hydromorphone	Hydromorphone-D6	2.051	422910	691746	0.6114	22.2148
Codeine	Codeine-D6	4.037	57047	107452	0.5309	22.9009
Oxycodone	Oxycodone-D6	4.393	504748	742643	0.6797	23.4265
Amphetamine	Amphetamine-D11	4.427	360551	433592	0.8315	25.0973
Hydrocodone	Hydrocodone-D6	4.678	177947	437680	0.4066	23.7334
Norhydrocodone	Norhydrocodone-D3	4.721	11867	114155	0.1040	26.9150
Methamphetamine	Methamphetamine-D11	4.784	503318	467390	1.0769	24.4107
6-MAM	6-MAM-D6	4.912	5306	81026	0.0655	2.2287
Phentermine	Phentermine-D5	5.610	220582	767234	0.2875	25.0921
Dextrophan	Dextrophan-D3	6.067	258718	880834	0.2937	23.8859
Tramadol	Tramadol-13C-D3	6.207	1535919	3333940	0.4607	23.5495
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	395159	626493	0.6307	24.1865
Metoprolol	Oxycodone-D6	6.305	130775	742643	0.1761	28.6830
Doxylamine	Doxylamine-D5	6.526	884721	2214627	0.3995	24.3740
Bupropion	Bupropion-D9	6.795	316434	414374	0.7636	23.0356
Zolpidem	Zolpidem-D6	6.865	1540973	3560120	0.4328	22.9088
Meprobamate	Meprobamate-D7	6.918	164169	232246	0.7069	23.1380
Venlafaxine	Venlafaxine-D6	7.030	1396205	2077147	0.6722	23.4713
Trazodone	Trazodone-D6	7.080	651380	917569	0.7099	23.1166

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** a cal 3

P

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Citalopram	Citalopram-D6	7.163	623913	1110713	0.5617	23.4912
Dextromethorphan	Dextromethorphan-D3	7.194	231690	385986	0.6003	23.2578
Diphenhydramine	Diphenhydramine-D3	7.218	1130525	2213744	0.5107	23.7577
Promethazine	Promethazine-D3	7.393	951157	1396576	0.6811	21.8847
Clonazepam	Clonazepam-D4	7.469	590567	214899	2.7481	24.3586
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.545	114070	218472	0.5221	24.1931
Carisoprodol	Carisoprodol-D7	7.558	490141	720497	0.6803	27.7749
Lorazepam	Clonazepam-D4	7.587	263624	214899	1.2267	26.0585
Alprazolam	Alprazolam-D5	7.612	1043314	1345317	0.7755	23.2388



# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

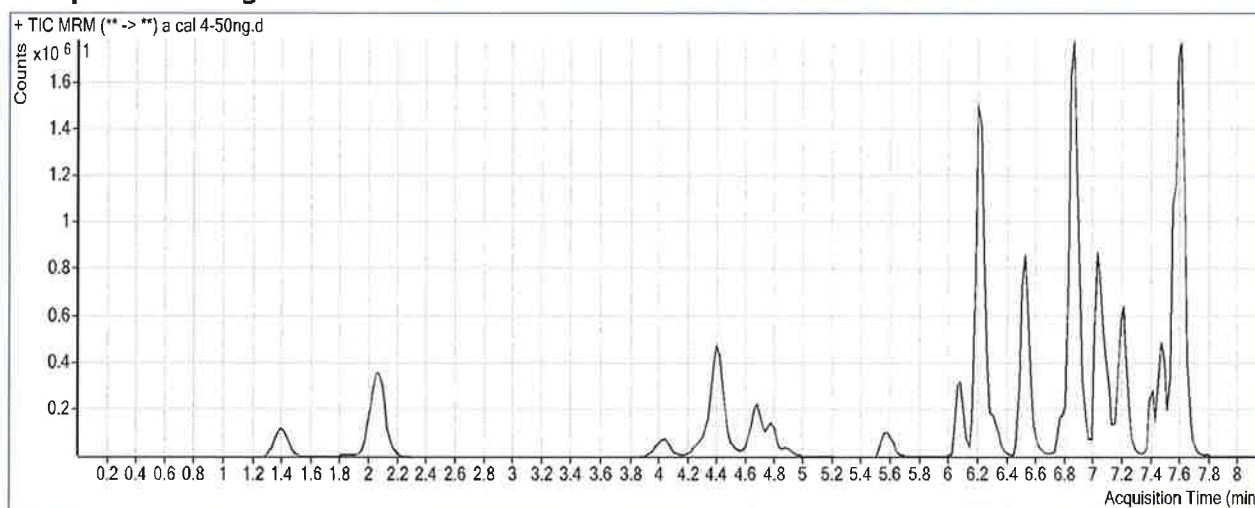
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin  
**Analysis Time** 2/21/2019 10:27 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 10:33 AM **Reporter Name** datastor  
**Last Calib Update** 2/21/2019 10:26 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 16:08 **Data File** a cal 4-50ng.d  
**Sample Type** Calibration **Sample Name** a cal 4-50ng.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 7-11-18.m  
**Position** P1-D1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.410	251214	97489	2.5769	47.8453
Hydromorphone	Hydromorphone-D6	2.071	899705	647303	1.3899	48.7148
Codeine	Codeine-D6	4.037	113675	101769	1.1170	46.5272
Oxycodone	Oxycodone-D6	4.393	975667	677268	1.4406	46.8612
Amphetamine	Amphetamine-D11	4.427	378810	220846	1.7153	51.9905
Hydrocodone	Hydrocodone-D6	4.678	322641	378546	0.8523	48.7080
Norhydrocodone	Norhydrocodone-D3	4.721	18922	88683	0.2134	44.3471
Methamphetamine	Methamphetamine-D11	4.784	472162	212109	2.2260	49.5234
6-MAM	6-MAM-D6	4.912	10672	75806	0.1408	4.6835
Phentermine	Phentermine-D5	5.610	226697	401169	0.5651	47.8503
Dextropropion	Dextropropion-D3	6.087	289551	487007	0.5946	46.3805
Tramadol	Tramadol-13C-D3	6.207	2366558	2325054	1.0179	51.1265
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	793212	591838	1.3403	50.1750
Metoprolol	Oxycodone-D6	6.325	180761	677268	0.2669	43.1311
Doxylamine	Doxylamine-D5	6.526	1004201	1273398	0.7886	47.1099
Bupropion	Bupropion-D9	6.795	255488	161907	1.5780	46.2358
Zolpidem	Zolpidem-D6	6.865	2931657	3347116	0.8759	43.9761
Meprobamate	Meprobamate-D7	6.918	327528	222939	1.4691	45.8442
Venlafaxine	Venlafaxine-D6	7.030	1491183	1092635	1.3648	45.7502
Trazodone	Trazodone-D6	7.080	465005	308858	1.5056	47.8644

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report a cal 4

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.163	376659	316175	1.1913	48.3130
Dextromethorphan	Dextromethorphan-D3	7.194	124400	95253	1.3060	49.8955
Diphenhydramine	Diphenhydramine-D3	7.218	660420	641516	1.0295	46.6139
Promethazine	Promethazine-D3	7.413	496945	313868	1.5833	49.4083
Clonazepam	Clonazepam-D4	7.469	1132503	193689	5.8470	51.0671
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.545	229203	211039	1.0861	48.8374
Carisoprodol	Carisoprodol-D7	7.578	1026733	793038	1.2947	51.8226
Lorazepam	Clonazepam-D4	7.587	510970	193689	2.6381	57.9306
Alprazolam	Alprazolam-D5	7.612	2222770	1371544	1.6206	47.3354

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

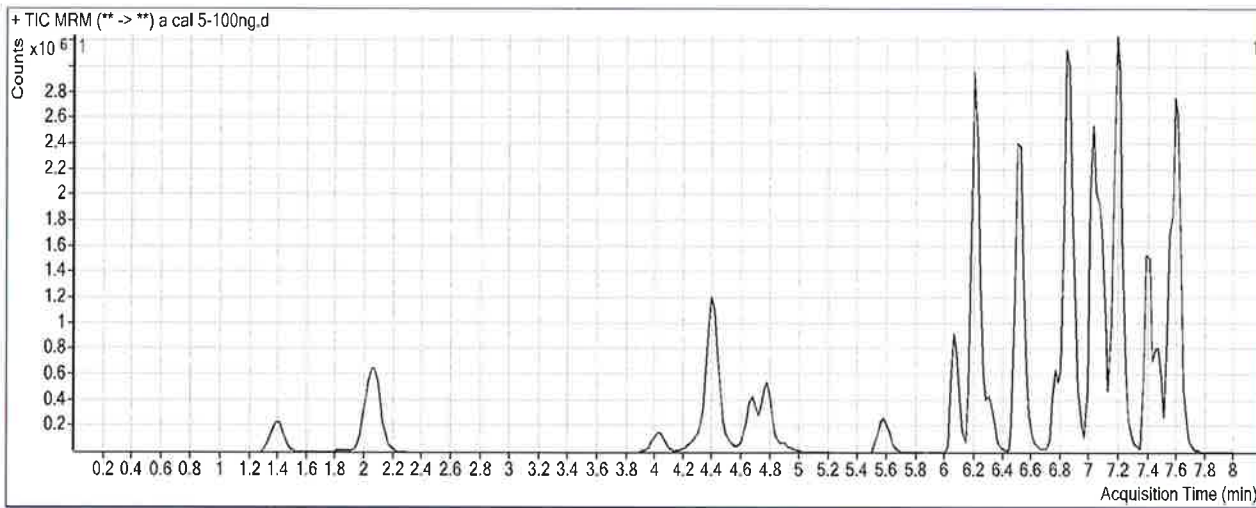
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin  
**Analysis Time** 2/21/2019 10:27 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 10:34 AM **Reporter Name** datastor  
**Last Calib Update** 2/21/2019 10:26 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2019-02-19 16:39 **Data File** a cal 5-100ng.d  
**Sample Type** Calibration **Sample Name** a cal 5-100ng.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 7-11-18.m  
**Position** P1-E1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.410	542187	102255	5.3023	96.8045
Hydromorphone	Hydromorphone-D6	2.071	1966417	690012	2.8498	98.4056
Codeine	Codeine-D6	4.037	250514	106002	2.3633	96.7689
Oxycodone	Oxycodone-D6	4.393	2228625	747664	2.9808	94.2954
Amphetamine	Amphetamine-D11	4.407	1380471	389166	3.5473	107.7410
Hydrocodone	Hydrocodone-D6	4.678	782102	428981	1.8232	103.1034
Norhydrocodone	Norhydrocodone-D3	4.721	50946	100621	0.5063	91.0206
Methamphetamine	Methamphetamine-D11	4.784	1860655	442425	4.2056	92.7825
6-MAM	6-MAM-D6	4.892	22842	83339	0.2741	9.0301
Phentermine	Phentermine-D5	5.610	819947	702350	1.1674	97.2333
Dextroprphan	Dextroprphan-D3	6.067	1014124	809472	1.2528	95.6023
Tramadol	Tramadol-13C-D3	6.207	6091888	3197436	1.9052	95.0485
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	1640252	596467	2.7499	101.8107
Metoprolol	Oxycodone-D6	6.305	537865	747664	0.7194	115.1303
Doxylamine	Doxylamine-D5	6.526	3391902	2071554	1.6374	96.7041
Bupropion	Bupropion-D9	6.775	1088523	310746	3.5029	101.0760
Zolpidem	Zolpidem-D6	6.865	6855979	3639509	1.8838	91.9037
Meprobamate	Meprobamate-D7	6.918	641682	219852	2.9187	89.0240
Venlafaxine	Venlafaxine-D6	7.030	5211494	1900797	2.7417	90.0446
Trazodone	Trazodone-D6	7.080	2482451	817781	3.0356	95.4533

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report** a cal 5

AS

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Citalopram	Citalopram-D6	7.163	2345110	975823	2.4032	96.0941
Dextromethorphan	Dextromethorphan-D3	7.194	869897	334198	2.6029	98.8476
Diphenhydramine	Diphenhydramine-D3	7.218	4156744	1877488	2.2140	98.8009
Promethazine	Promethazine-D3	7.393	3632779	1150943	3.1563	97.3962
Clonazepam	Clonazepam-D4	7.469	1882817	160554	11.7270	101.7448
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.525	397423	176810	2.2477	99.6023
Carisoprodol	Carisoprodol-D7	7.558	1714561	731501	2.3439	92.8887
Lorazepam	Clonazepam-D4	7.567	721022	160554	4.4908	99.7702
Alprazolam	Alprazolam-D5	7.612	4124195	1242281	3.3199	95.7848

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

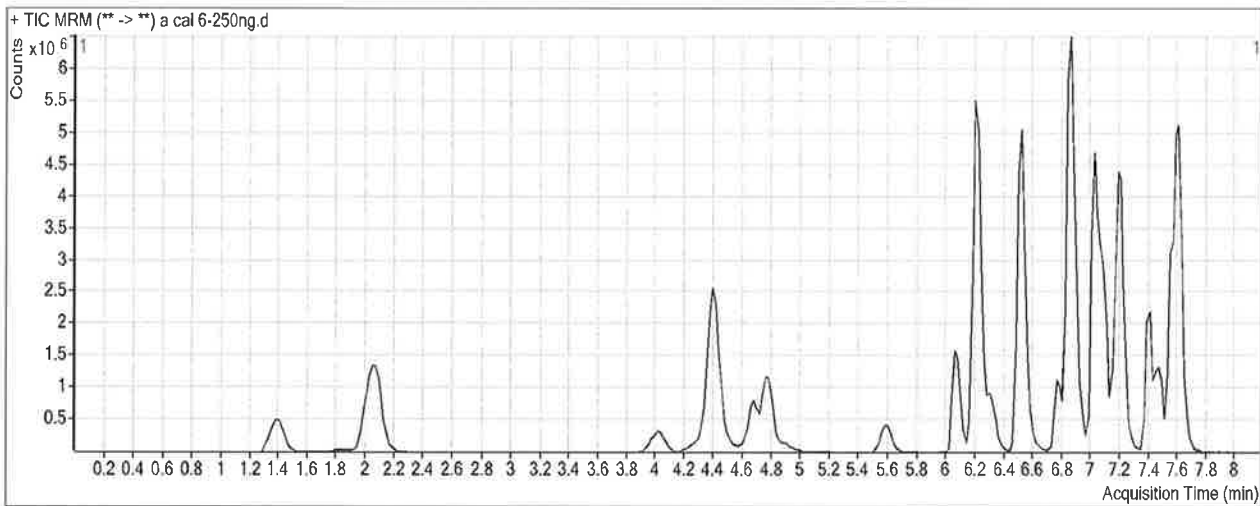
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin  
**Analysis Time** 2/21/2019 10:27 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 10:34 AM **Reporter Name** datastor  
**Last Calib Update** 2/21/2019 10:26 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 17:11 **Data File** a cal 6-250ng.d  
**Sample Type** Calibration **Sample Name** a cal 6-250ng.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 7-11-18.m  
**Position** P1-F1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.389	1307585	91896	14.2290	257.1629
Hydromorphone	Hydromorphone-D6	2.071	4683374	627563	7.4628	255.4173
Codeine	Codeine-D6	4.017	591749	93602	6.3220	256.3526
Oxycodone	Oxycodone-D6	4.393	5402169	702952	7.6850	239.1730
Amphetamine	Amphetamine-D11	4.407	2920998	340742	8.5725	260.6668
Hydrocodone	Hydrocodone-D6	4.678	1823646	398492	4.5764	257.3620
Norhydrocodone	Norhydrocodone-D3	4.721	124838	87175	1.4320	238.5098
Methamphetamine	Methamphetamine-D11	4.784	4216150	377686	11.1631	244.8258
6-MAM	6-MAM-D6	4.892	58742	76522	0.7677	25.1236
Phentermine	Phentermine-D5	5.610	1782430	570724	3.1231	257.5692
Dextrophan	Dextrophan-D3	6.067	2160825	656412	3.2919	248.0715
Tramadol	Tramadol-13C-D3	6.207	14552073	2845945	5.1133	253.8320
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	3600866	498854	7.2183	265.4814
Metoprolol	Oxycodone-D6	6.325	1149526	702952	1.6353	260.8622
Doxylamine	Doxylamine-D5	6.526	7429786	1749528	4.2467	249.1710
Bupropion	Bupropion-D9	6.775	2054575	240962	8.5265	244.1947
Zolpidem	Zolpidem-D6	6.865	16932807	3264834	5.1864	248.9531
Meprobamate	Meprobamate-D7	6.918	1407686	176963	7.9547	239.0369
Venlafaxine	Venlafaxine-D6	7.030	11819111	1546547	7.6423	247.6832
Trazodone	Trazodone-D6	7.080	4158188	483020	8.6087	268.7957

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report *a cal b*

*P*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.163	4057153	632926	6.4102	254.0727
Dextromethorphan	Dextromethorphan-D3	7.194	1298520	198408	6.5447	247.6262
Diphenhydramine	Diphenhydramine-D3	7.218	6592385	1182352	5.5757	246.9068
Promethazine	Promethazine-D3	7.413	5762557	677895	8.5007	260.4309
Clonazepam	Clonazepam-D4	7.469	3563741	120762	29.5105	255.0153
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.545	819553	145562	5.6303	247.4181
Carisoprodol	Carisoprodol-D7	7.558	3608152	591799	6.0969	239.7821
Lorazepam	Clonazepam-D4	7.587	1222403	120762	10.1224	226.9458
Alprazolam	Alprazolam-D5	7.612	8958335	1026519	8.7269	249.9541

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

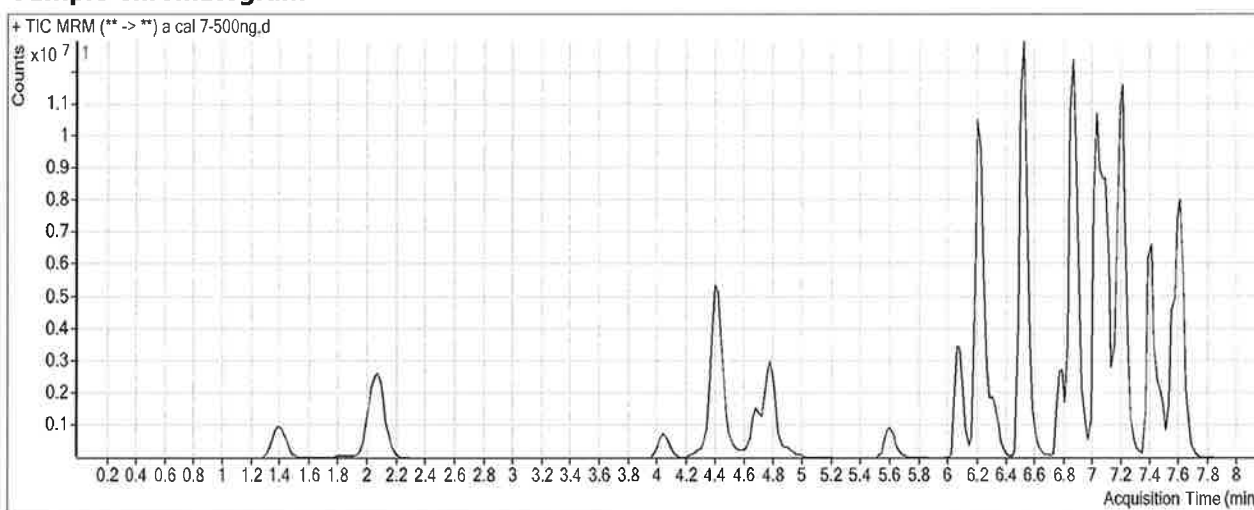
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin  
**Analysis Time** 2/21/2019 10:27 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 10:34 AM **Reporter Name** datastor  
**Last Calib Update** 2/21/2019 10:26 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 17:42 **Data File** a cal 7-500ng.d  
**Sample Type** Calibration **Sample Name** a cal 7-500ng.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 7-11-18.m  
**Position** P1-G1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.410	2566607	82726	31.0254	558.8897
Hydromorphone	Hydromorphone-D6	2.071	9231056	594179	15.5358	530.1994
Codeine	Codeine-D6	4.037	1116063	86551	12.8948	521.3208
Oxycodone	Oxycodone-D6	4.393	11255924	700427	16.0701	497.4145
Amphetamine	Amphetamine-D11	4.427	5662739	396937	14.2661	433.9334
Hydrocodone	Hydrocodone-D6	4.678	3775828	413991	9.1206	511.9678
Norhydrocodone	Norhydrocodone-D3	4.721	278603	81739	3.4085	553.4006
Methamphetamine	Methamphetamine-D11	4.784	11044750	449555	24.5682	537.7674
6-MAM	6-MAM-D6	4.912	127766	81933	1.5594	50.9396
Phentermine	Phentermine-D5	5.610	4220805	679504	6.2116	510.7793
Dextrophan	Dextrophan-D3	6.067	5056301	748482	6.7554	507.0558
Tramadol	Tramadol-13C-D3	6.207	32832075	3020768	10.8688	538.7055
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	5407402	407331	13.2752	487.3411
Metoprolol	Oxycodone-D6	6.325	2471833	700427	3.5290	562.1876
Doxylamine	Doxylamine-D5	6.526	19723783	2137469	9.2276	540.2081
Bupropion	Bupropion-D9	6.795	5634539	306505	18.3832	525.0031
Zolpidem	Zolpidem-D6	6.865	34965988	2988141	11.7016	558.7649
Meprobamate	Meprobamate-D7	6.918	2449934	146792	16.6898	499.2394
Venlafaxine	Venlafaxine-D6	7.030	30276237	1798215	16.8368	543.4516
Trazodone	Trazodone-D6	7.080	12193188	758952	16.0658	500.7355

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report** a cal 7

P

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Citalopram	Citalopram-D6	7.163	10644627	798359	13.3331	527.0194
Dextromethorphan	Dextromethorphan-D3	7.194	3842341	289027	13.2941	502.3755
Diphenhydramine	Diphenhydramine-D3	7.218	19707169	1618000	12.1800	537.8749
Promethazine	Promethazine-D3	7.413	18240048	1002908	18.1872	555.9292
Clonazepam	Clonazepam-D4	7.469	5118625	87875	58.2492	502.7044
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.525	1287527	108922	11.8206	517.9342
Carisoprodol	Carisoprodol-D7	7.558	5689575	449089	12.6691	497.0188
Lorazepam	Clonazepam-D4	7.587	1771316	87875	20.1573	453.5584
Alprazolam	Alprazolam-D5	7.612	15127460	807322	18.7378	535.3923



# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

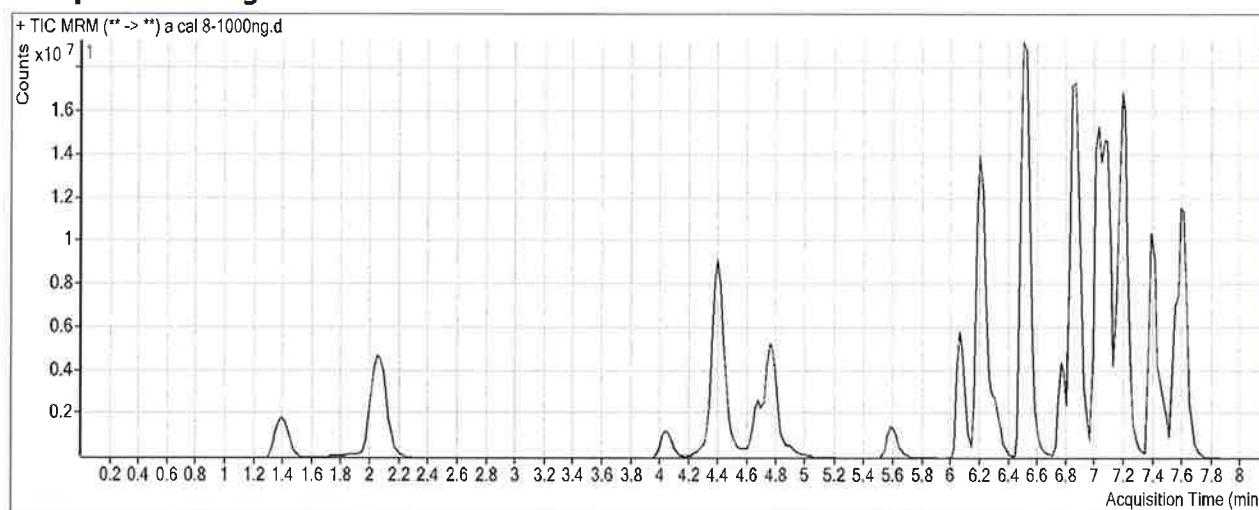
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1a.batch.bin  
**Analysis Time** 2/21/2019 10:27 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 10:34 AM **Reporter Name** datastor  
**Last Calib Update** 2/21/2019 10:26 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 18:14 **Data File** a cal 8-1000ng.d  
**Sample Type** Calibration **Sample Name** a cal 8-1000ng.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 7-11-18.m  
**Position** P1-H1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.389	4687750	78812	59.4804	1070.0484
Hydromorphone	Hydromorphone-D6	2.071	16628441	524163	31.7238	1081.1912
Codeine	Codeine-D6	4.037	1868655	76931	24.2901	980.6927
Oxycodone	Oxycodone-D6	4.393	21439080	647216	33.1251	1022.6662
Amphetamine	Amphetamine-D11	4.407	8924427	374107	23.8553	725.7492
Hydrocodone	Hydrocodone-D6	4.678	6724377	371214	18.1146	1015.8898
Norhydrocodone	Norhydrocodone-D3	4.721	437035	65996	6.6221	1065.4131
Methamphetamine	Methamphetamine-D11	4.764	20121281	405789	49.5855	1084.4711
6-MAM	6-MAM-D6	4.892	231784	75357	3.0758	100.3842
Phentermine	Phentermine-D5	5.590	6992401	570171	12.2637	1006.9618
Dextropropranolol	Dextropropranolol-D3	6.067	8212024	613161	13.3929	1003.3737
Tramadol	Tramadol-13C-D3	6.207	50529073	2520192	20.0497	993.1211
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	7968381	296149	26.9067	986.6488
Metoprolol	Oxycodone-D6	6.305	3726838	647216	5.7583	916.8901
Doxylamine	Doxylamine-D5	6.506	35442044	1906112	18.5939	1087.4844
Bupropion	Bupropion-D9	6.775	8619377	219800	39.2146	1118.4734
Zolpidem	Zolpidem-D6	6.865	54756475	2726264	20.0848	957.4075
Meprobamate	Meprobamate-D7	6.918	3883386	112844	34.4137	1027.2019
Venlafaxine	Venlafaxine-D6	7.030	46126672	1526616	30.2150	973.7962
Trazodone	Trazodone-D6	7.080	20805686	600388	34.6537	1078.8803

ISP FORENSICS - Pocatello Instrument # 59740  
Multi-Drug Confirmatory Analysis Report a cal 8

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.163	16173896	583929	27.6984	1093.3871
Dextromethorphan	Dextromethorphan-D3	7.194	5758213	199585	28.8510	1089.5599
Diphenhydramine	Diphenhydramine-D3	7.218	31057852	1266873	24.5154	1081.3398
Promethazine	Promethazine-D3	7.393	26924910	824317	32.6633	997.5408
Clonazepam	Clonazepam-D4	7.469	6436798	57503	111.9381	965.4323
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.525	2021140	83034	24.3412	1065.0807
Carisoprodol	Carisoprodol-D7	7.558	8400443	318065	26.4110	1034.8770
Lorazepam	Clonazepam-D4	7.567	2705272	57503	47.0456	1060.7635
Alprazolam	Alprazolam-D5	7.612	23304276	603924	38.5881	1101.3763

8

# ISP FORENSICS - Pocatello Instrument # 59740

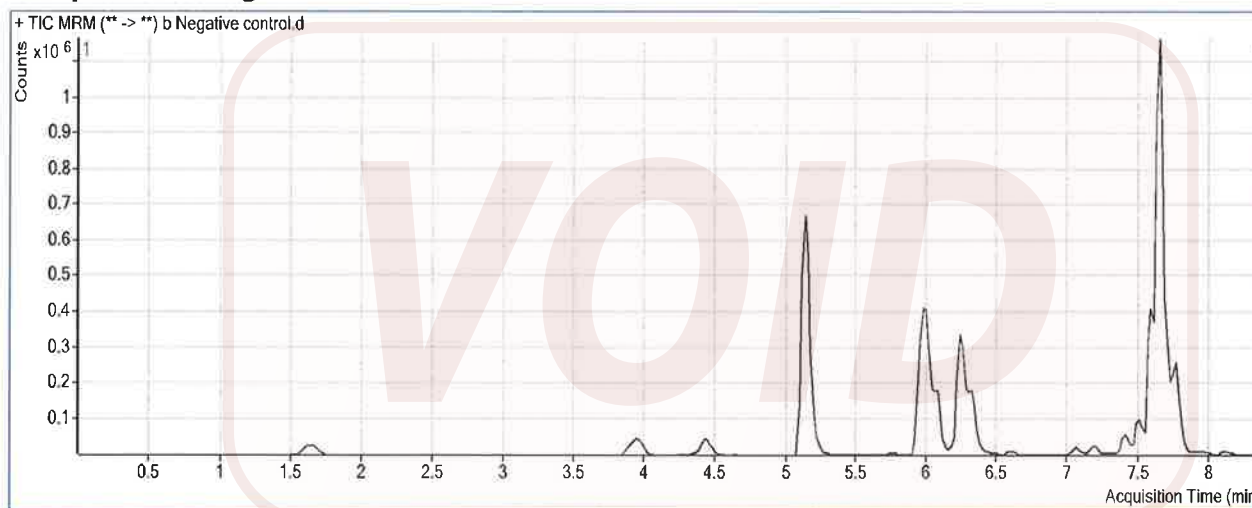
## Multi-Drug Confirmatory Analysis Report

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**Report Time** 2/21/2019 7:57 AM **Reporter Name** datastor  
**Last Calib Update** 2/20/2019 11:57 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 20:04 **Data File** b Negative control.d  
**Sample Type** Sample **Sample Name** b Negative control.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 7-11-18.m  
**Position** P1-E2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fentanyl	Fentanyl-D5	7.079	3201	55728	0.0574	3.6119
Cyclobenzaprine	Cyclobenzaprine-D3	7.493	15341	23027	0.6662	25.7221
Methadone	Methadone-D9	7.502	84477	180303	0.4685	15.2433

Reinjected 2/20/19 due to carryover. S

P

# ISP FORENSICS - Pocatello Instrument # 59740

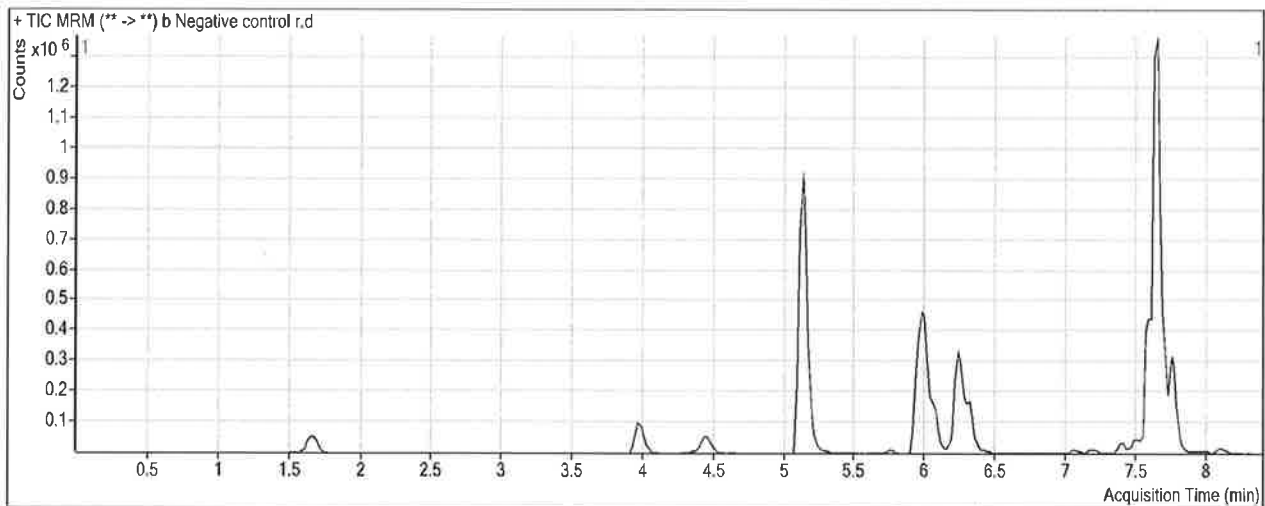
## Multi-Drug Confirmatory Analysis Report

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**Analysis Time** 2/20/2019 11:57 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 7:59 AM **Reporter Name** datastor  
**Last Calib Update** 2/20/2019 11:57 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-20 10:28 **Data File** b Negative control r.d  
**Sample Type** Sample **Sample Name** b Negative control r.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 7-11-18.m  
**Position** P1-E2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



P

# ISP FORENSICS - Pocatello Instrument # 59740

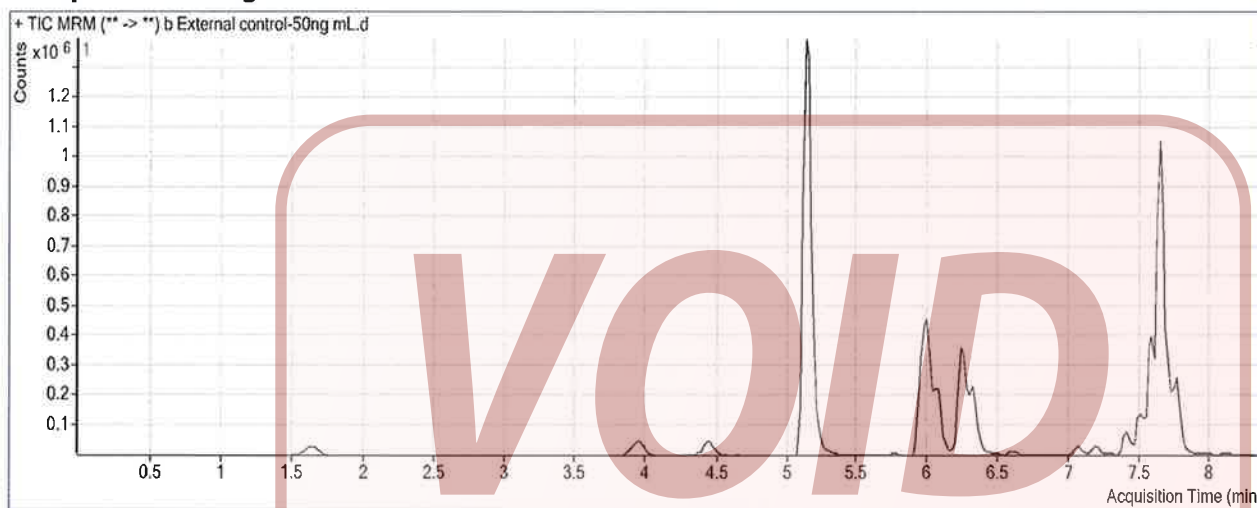
## Multi-Drug Confirmatory Analysis Report

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**Analysis Time** 2/20/2019 11:57 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 7:58 AM **Reporter Name** datastor  
**Last Calib Update** 2/20/2019 11:57 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 20:36 **Data File** b External control-50ng mL.d  
**Sample Type** Sample **Sample Name** b External control-50ng mL.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 7-11-18.m  
**Position** P1-F2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28; WS121218 50 ng Fluoxetine, O-desmethyl Tramadol, Amphetamir

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	3174527	2978754	1.0657	48.4963
Fentanyl	Fentanyl-D5	7.059	3629	91971	0.0395	2.7288
Quetiapine	Quetiapine-D8	7.418	54363	192817	0.2819	3.8104
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	26743	37871	0.7062	27.1512
Methadone	Methadone-D9	7.502	101688	281402	0.3614	11.9890
Fluoxetine	Fluoxetine-D6	7.562	213699	116409	1.8358	70.3585
Sertraline	Sertraline-D3	7.604	21463	51983	0.4129	20.3192

Reinjected 2/20/19 due to carryover. P

P

# ISP FORENSICS - Pocatello Instrument # 59740

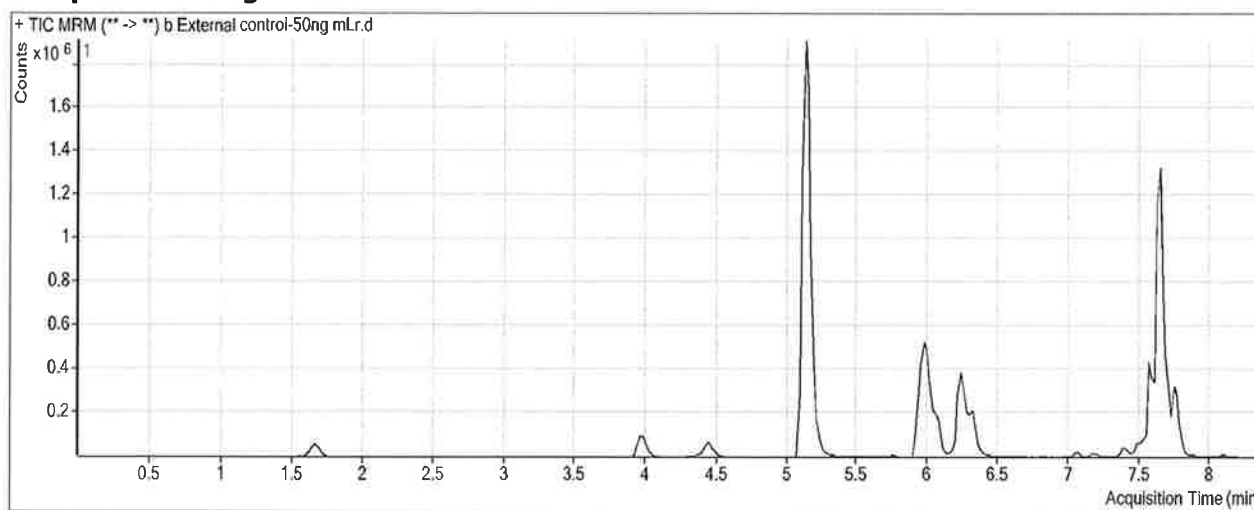
## Multi-Drug Confirmatory Analysis Report

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**Report Time** 2/21/2019 7:59 AM **Reporter Name** datastor  
**Last Calib Update** 2/20/2019 11:57 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-20 10:44 **Data File** b External control-50ng mL.d  
**Sample Type** Sample **Sample Name** b External control-50ng mL.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 7-11-18.m  
**Position** P1-F2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28; WS121218 50 ng Fluoxetine, O-desmethyl Tramadol, Amphetamir

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.140	4232146	3958906	1.0690	48.6431
Fluoxetine	Fluoxetine-D6	7.542	119168	108876	1.0945	42.3692

D

# ISP FORENSICS - Pocatello Instrument # 59740

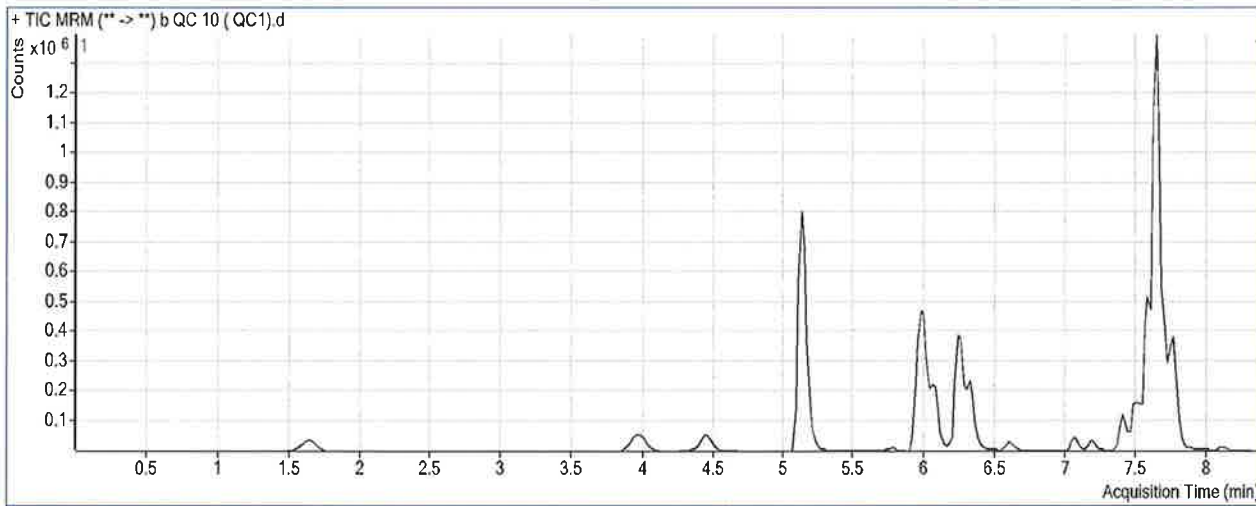
## Multi-Drug Confirmatory Analysis Report

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**Analysis Time** 2/20/2019 11:57 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 7:58 AM **Reporter Name** datastor  
**Last Calib Update** 2/20/2019 11:57 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 21:39 **Data File** b QC 10 ( QC1).d  
**Sample Type** QC **Sample Name** b QC 10 ( QC1).d  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 7-11-18.m  
**Position** P1-A2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.648	57608	236582	0.2435	9.2814
Dihydrocodeine	Dihydrocodeine-D6	4.010	60841	327998	0.1855	10.2294
Noroxycodone	Noroxycodone-D3	4.478	72229	268071	0.2694	10.3630
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.140	595096	2897829	0.2054	10.1681
<del>Benzoylcegonine</del>	<del>Benzoylcegonine-d8</del>	<del>5.791</del>	<del>8701</del>	<del>29568</del>	<del>0.2943</del>	<del>14.9253</del> DNE
Ketamine	Ketamine-D4	5.982	276527	1165967	0.2372	10.0491
<del>Norfentanyl</del>	<del>Norfentanyl-D5</del>	<del>6.044</del>	<del>21285</del>	<del>1139738</del>	<del>0.0187</del>	<del>1.3902</del> outside curve range
Cocaine	Cocaine-d3	6.232	92569	1280441	0.0723	9.3947
alpha-PVP	alpha-PVP-d8	6.328	99740	619703	0.1609	9.8182
Mirtazapine	alpha-PVP-d8	6.604	67638	619703	0.1091	8.5656
<del>Fentanyl</del>	<del>Fentanyl-D5</del>	<del>7.079</del>	<del>3450</del>	<del>159324</del>	<del>0.0217</del>	<del>1.8546</del> outside curve range
Mitragynine	Methadone-D9	7.156	11952	334334	0.0357	8.8281
EDDP	EDDP-D3	7.188	15345	70661	0.2172	10.3587
Quetiapine	Quetiapine-D8	7.418	172824	172173	1.0038	11.6203
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	25026	81305	0.3078	12.8916
Methadone	Methadone-D9	7.502	127441	334334	0.3812	12.5908
Fluoxetine	Fluoxetine-D6	7.542	99022	303658	0.3261	13.3530
Oxazepam	Oxazepam-D5	7.608	175910	1207949	0.1456	9.3395
Sertraline	Sertraline-D3	7.604	33766	136781	0.2469	12.6150

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report *b QC 10*

*P*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.647	664400	3643053	0.1824	9.3765
<del>Buprenorphine</del>	<del>Buprenorphine-D4</del>	<del>7.637</del>	<del>3241</del>	<del>71529</del>	<del>0.0453</del>	<del>1.2304</del> <i>DNE</i>
Nordiazepam	Nordiazepam-D5	7.715	269408	752617	0.3580	10.1565
Diazepam	Diazepam-D5	7.771	176067	751555	0.2343	10.6726



JP

# ISP FORENSICS - Pocatello Instrument # 59740

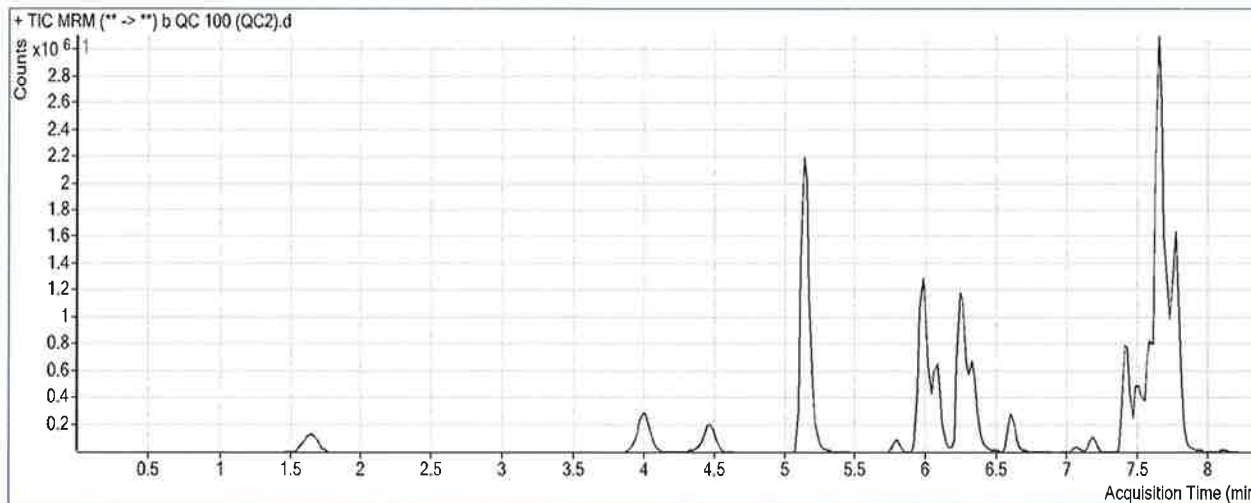
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin  
**Analysis Time** 2/20/2019 11:57 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 7:58 AM **Reporter Name** datastor  
**Last Calib Update** 2/20/2019 11:57 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 23:13 **Data File** b QC 100 (QC2).d  
**Sample Type** QC **Sample Name** b QC 100 (QC2).d  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 7-11-18.m  
**Position** P1-B2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.648	681454	239108	2.8500	96.1955
Dihydrocodeine	Dihydrocodeine-D6	4.010	690662	338595	2.0398	107.5717
Noroxycodone	Noroxycodone-D3	4.478	794270	266346	2.9821	94.2271
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.140	6527779	2974873	2.1943	98.7733
<del>Benzoylcegonine</del>	<del>Benzoylcegonine-d8</del>	<del>5.791</del>	<del>118436</del>	<del>27593</del>	<del>4.2923</del>	<del>151.2153</del> DNE
Ketamine	Ketamine-D4	5.982	3097686	1234762	2.5087	96.9947
Norfentanyl	Norfentanyl-D5	6.024	231304	1133167	0.2041	9.1785
Cocaine	Cocaine-d3	6.232	1074823	1305508	0.8233	96.7187
alpha-PVP	alpha-PVP-d8	6.328	1077596	571960	1.8840	103.8177
Mirtazapine	alpha-PVP-d8	6.604	637755	571960	1.1150	57.6991
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.994</del>	<del>1308</del>	<del>6532</del>	<del>0.2003</del>	<del>10.1773</del> DNE
Fentanyl	Fentanyl-D5	7.059	19784	125414	0.1577	8.5378
Mitragynine	Methadone-D9	7.156	107200	281168	0.3813	77.8565
EDDP	EDDP-D3	7.188	148655	65756	2.2607	100.7637
Quetiapine	Quetiapine-D8	7.418	1834390	174382	10.5193	114.5744
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	199443	67318	2.9627	107.9271
Methadone	Methadone-D9	7.502	882478	281168	3.1386	96.3256
Fluoxetine	Fluoxetine-D6	7.542	663146	247932	2.6747	102.0375
Oxazepam	Oxazepam-D5	7.608	1001801	618220	1.6205	89.5287

ISP FORENSICS - Pocatello Instrument # 59740  
Multi-Drug Confirmatory Analysis Report

bQC 100

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.604	210956	103754	2.0332	95.5043
Temazepam	Temazepam-D5	7.647	5808986	2907821	1.9977	93.5628
<del>Buprenorphine</del>	<del>Buprenorphine-D4</del>	<del>7.637</del>	<del>19761</del>	<del>51670</del>	<del>0.3825</del>	<del>9.7189</del> DNE
Nordiazepam	Nordiazepam-D5	7.715	2335516	617930	3.7796	102.8101
Diazepam	Diazepam-D5	7.771	1920346	767185	2.5031	96.6741

P

# ISP FORENSICS - Pocatello Instrument # 59740

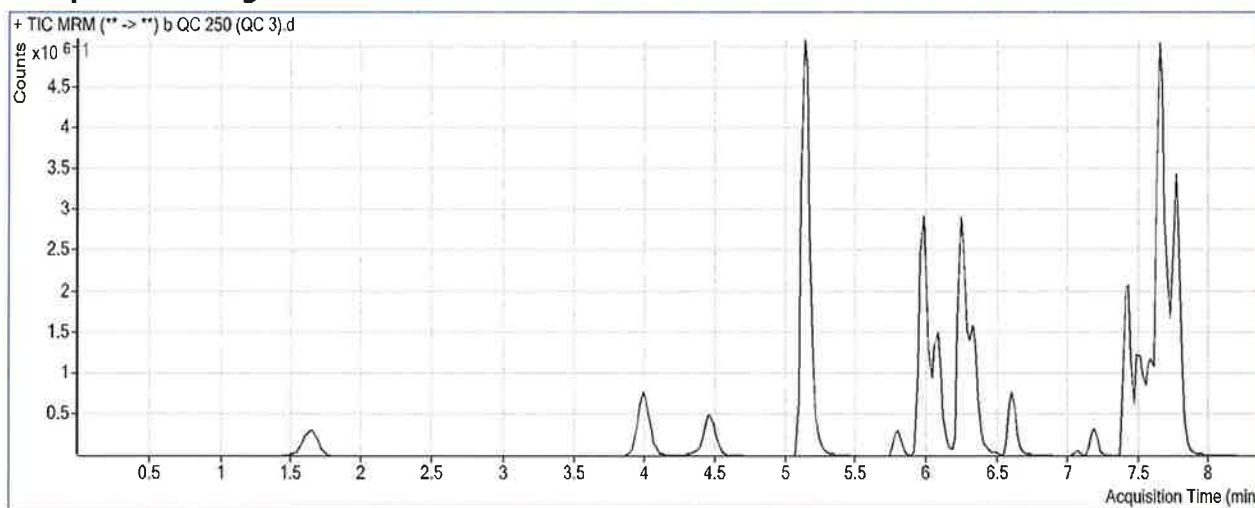
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin  
**Analysis Time** 2/20/2019 11:57 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 7:58 AM **Reporter Name** datastor  
**Last Calib Update** 2/20/2019 11:57 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-20 01:34 **Data File** b QC 250 (QC 3).d  
**Sample Type** QC **Sample Name** b QC 250 (QC 3).d  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 7-11-18.m  
**Position** P1-C2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.648	1853473	243076	7.6251	255.4228
Dihydrocodeine	Dihydrocodeine-D6	3.990	1917215	357834	5.3578	281.7539
Noroxycodone	Noroxycodone-D3	4.478	2087463	263407	7.9248	247.0362
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.140	18621532	3159378	5.8941	263.5927
<del>Benzoylcegonine</del>	<del>Benzoylcegonine-d8</del>	<del>5.791</del>	<del>411626</del>	<del>32269</del>	<del>12.7560</del>	<del>439.7374</del> DNE
Ketamine	Ketamine-D4	5.982	8648348	1295129	6.6776	256.5608
Norfentanyl	Norfentanyl-D5	6.044	705999	1239637	0.5695	24.5247
Cocaine	Cocaine-d3	6.232	2992261	1347114	2.2212	259.2660
alpha-PVP	alpha-PVP-d8	6.328	3106459	657855	4.7221	258.6416
Mirtazapine	alpha-PVP-d8	6.604	1790237	657855	2.7213	136.1597
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.994</del>	<del>3297</del>	<del>7056</del>	<del>0.4673</del>	<del>25.0211</del> DNE
Fentanyl	Fentanyl-D5	7.079	58997	135732	0.4347	22.1358
Mitragynine	Methadone-D9	7.156	338786	294276	1.1513	231.6854
EDDP	EDDP-D3	7.188	487015	80185	6.0736	269.4470
Quetiapine	Quetiapine-D8	7.418	5277377	193124	27.3263	296.4182
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	518092	68740	7.5370	271.6712
Methadone	Methadone-D9	7.502	2526384	294276	8.5851	261.7185
Fluoxetine	Fluoxetine-D6	7.542	1692459	253822	6.6679	252.8220
Oxazepam	Oxazepam-D5	7.588	1358617	317428	4.2801	234.1364

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b QC 250*

*P*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.604	502458	93212	5.3905	251.2854
Temazepam	Temazepam-D5	7.647	11906300	2173806	5.4772	254.9229
<del>Buprenorphine</del>	<del>Buprenorphine-D4</del>	<del>7.637</del>	<del>52025</del>	<del>54117</del>	<del>0.9613</del>	<del>24.2944</del> <i>DNE</i>
Nordiazepam	Nordiazepam-D5	7.715	4357006	435976	9.9937	271.0809
Diazepam	Diazepam-D5	7.771	4572510	714660	6.3982	244.3186

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

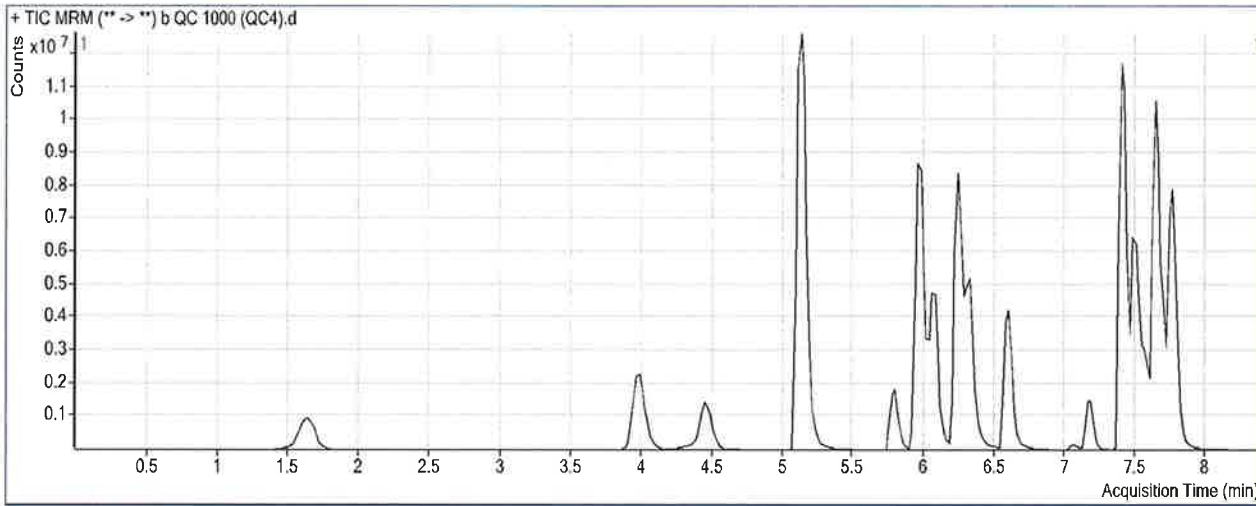
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin  
**Analysis Time** 2/20/2019 11:57 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 7:58 AM **Reporter Name** datastor  
**Last Calib Update** 2/20/2019 11:57 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2019-02-20 04:27 **Data File** b QC 1000 (QC4).d  
**Sample Type** QC **Sample Name** b QC 1000 (QC4).d  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 7-11-18.m  
**Position** P1-D2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.648	6233134	213494	29.1959	974.7080
Dihydrocodeine	Dihydrocodeine-D6	3.990	6210265	317444	19.5633	1027.4785
Noroxycodone	Noroxycodone-D3	4.458	6694684	191376	34.9818	1083.5255
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.140	58648997	2542620	23.0664	1028.5996
<del>Benzoylcegonine</del>	<del>Benzoylcegonine-d8</del>	<del>5.791</del>	<del>2469137</del>	<del>28383</del>	<del>86.9923</del>	<del>2970.3946</del> <span style="color: blue;">DNE</span>
Ketamine	Ketamine-D4	5.962	31749735	1126934	28.1735	1079.3325
Norfentanyl	Norfentanyl-D5	6.024	2628701	1063160	2.4725	104.4479
Cocaine	Cocaine-d3	6.232	9545837	1085136	8.7969	1023.8596
alpha-PVP	alpha-PVP-d8	6.328	11122562	591454	18.8054	1026.9269
Mirtazapine	alpha-PVP-d8	6.604	10103227	591454	17.0820	837.6199
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.974</del>	<del>12804</del>	<del>6231</del>	<del>2.0549</del>	<del>113.2949</del> <span style="color: blue;">DNE</span>
Fentanyl	Fentanyl-D5	7.059	305991	154812	1.9765	97.8517
Mitragynine	Methadone-D9	7.156	1663152	371995	4.4709	894.8879
EDDP	EDDP-D3	7.188	2533823	101341	25.0030	1106.8780
Quetiapine	Quetiapine-D8	7.399	30064168	281550	106.7811	1156.0817
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	2744346	84285	32.5604	1167.4249
Methadone	Methadone-D9	7.502	13541055	371995	36.4012	1106.4076
Fluoxetine	Fluoxetine-D6	7.542	6443073	231312	27.8545	1052.8363
Oxazepam	Oxazepam-D5	7.588	2936154	143862	20.4095	1111.1215

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b QC 1000*

*P*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.604	1545633	65876	23.4627	1089.8512
Temazepam	Temazepam-D5	7.647	26960521	1109848	24.2921	1127.4658
<del>Buprenorphine</del>	<del>Buprenorphine-D4</del>	<del>7.637</del>	<del>191292</del>	<del>38247</del>	<del>5.0014</del>	<del>126.0161</del> <i>DNE</i>
Nordiazepam	Nordiazepam-D5	7.715	8337337	197180	42.2829	1145.4364
Diazepam	Diazepam-D5	7.771	12473509	448221	27.8289	1056.6647

# ISP Forensics Calibration Curve Report

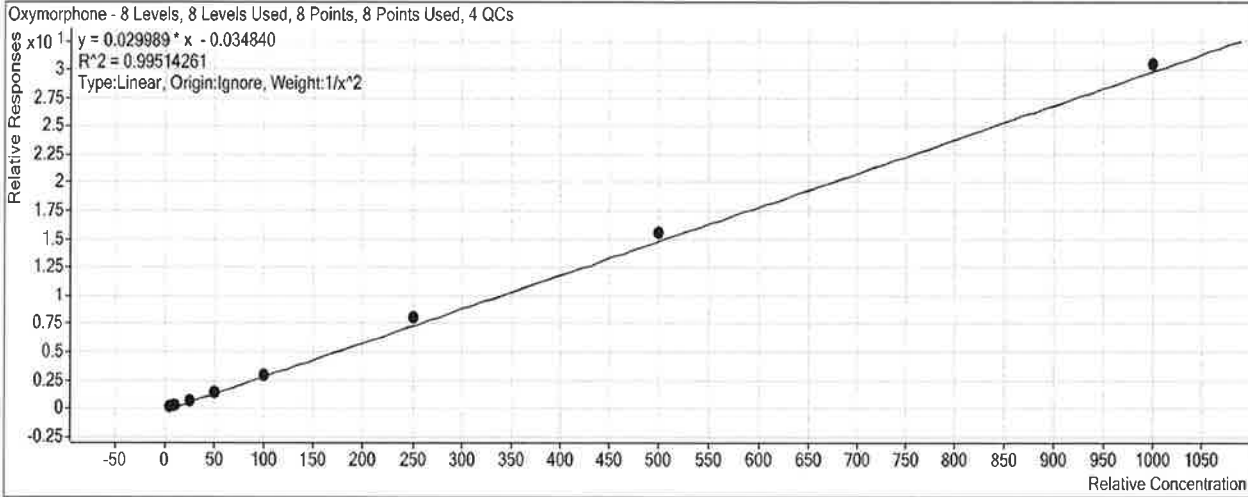
P

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** Oxymorphone  
**Internal Standard** Oxymorphone-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	105.8
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.2	91.9
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	9.3	92.8
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.1	92.4
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.1	96.3
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	99.5	99.5
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	96.2	96.2
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	270.5	108.2
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	255.4	102.2
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	519.9	104.0
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1019.8	102.0
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	974.7	97.5

# ISP Forensics Calibration Curve Report

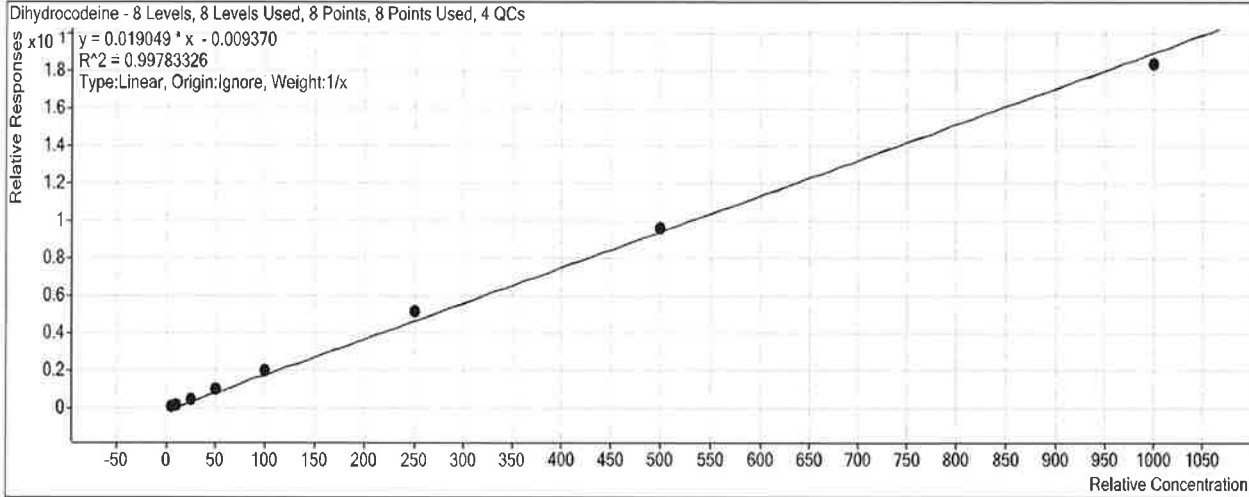
R

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** Dihydrocodeine  
**Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	4.8	95.4
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.2	92.4
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.2	102.3
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.9	95.5
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	51.8	103.7
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	106.4	106.4
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	107.6	107.6
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	272.6	109.0
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	281.8	112.7
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	505.1	101.0
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	966.1	96.6
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1027.5	102.7



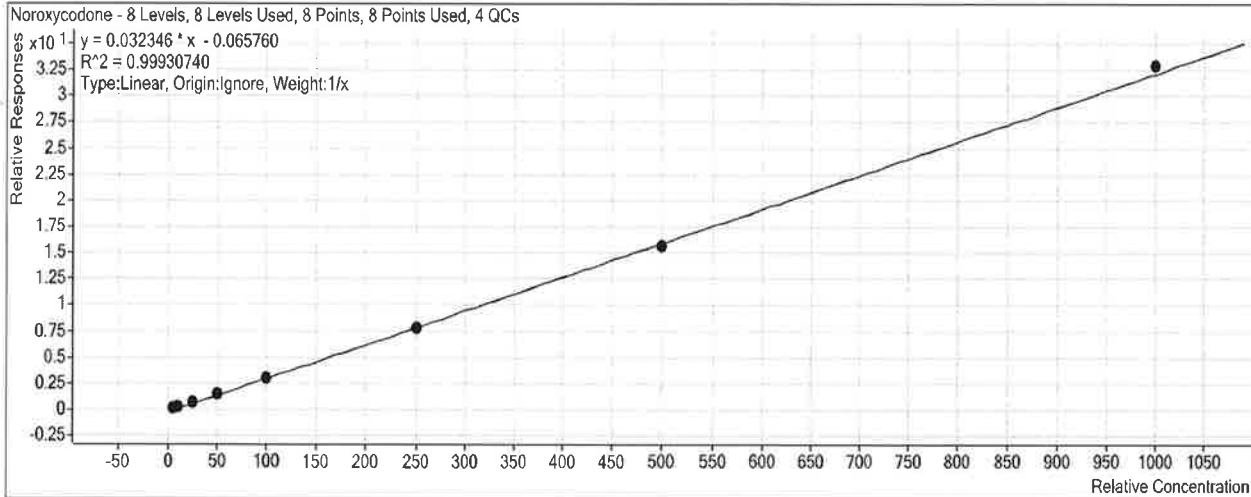
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** *Noroxycodone*  
**Internal Standard** *Noroxycodone-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.9	117.5
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.9	98.6
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.4	103.6
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.9	91.5
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.9	97.7
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	96.3	96.3
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	94.2	94.2
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	245.4	98.2
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	247.0	98.8
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	489.7	97.9
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1021.0	102.1
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1083.5	108.4

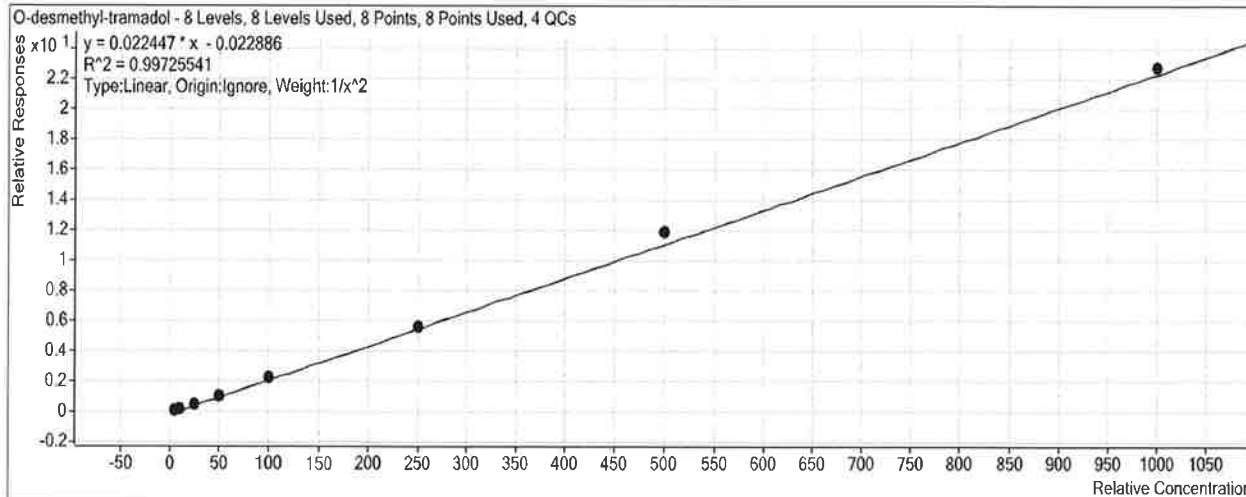
# ISP Forensics Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM      **Analyst Name** ISP TOX

**Target Compound** *O-desmethyl-tramadol*  
**Internal Standard** *O-desmethyl-tramadol-D6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	103.8
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.6	95.5
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.2	101.7
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.3	93.3
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.0	95.9
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	102.4	102.4
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	98.8	98.8
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	252.8	101.1
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	263.6	105.4
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	531.6	106.3
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1016.6	101.7
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1028.6	102.9

# ISP Forensics Calibration Curve Report

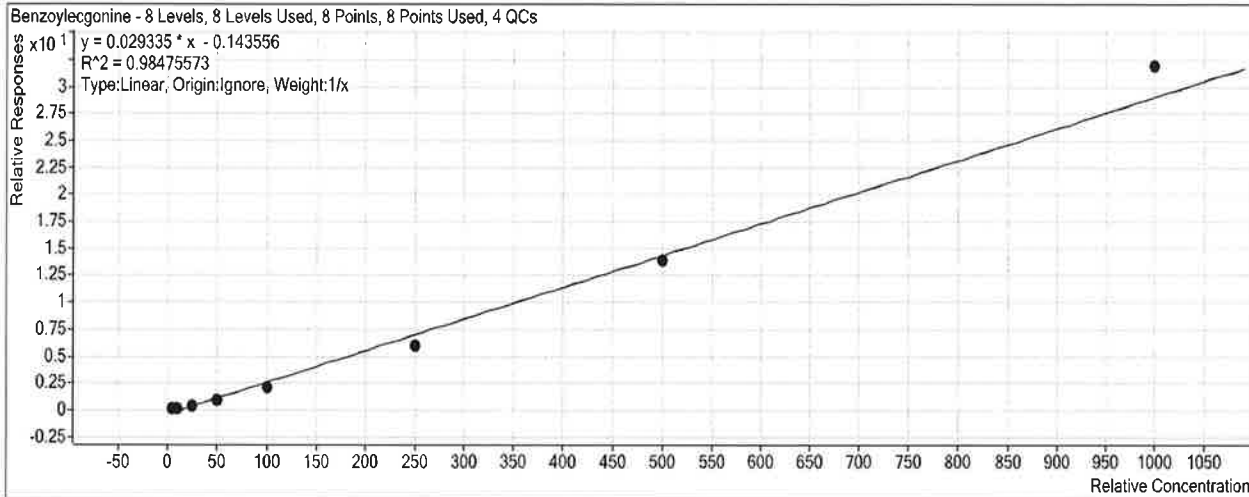
P

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** Benzoyllecgonine  
**Internal Standard** Benzoyllecgonine-d8



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	8.7	174.1
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.0	100.3
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	14.9	149.3
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	20.5	82.0
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	37.8	75.6
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	78.9	78.9
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	151.2	151.2
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	209.1	83.6
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	439.7	175.9
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	480.5	96.1
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1094.6	109.5
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	2970.4	297.0

Did not evaluate. P

# ISP Forensics Calibration Curve Report

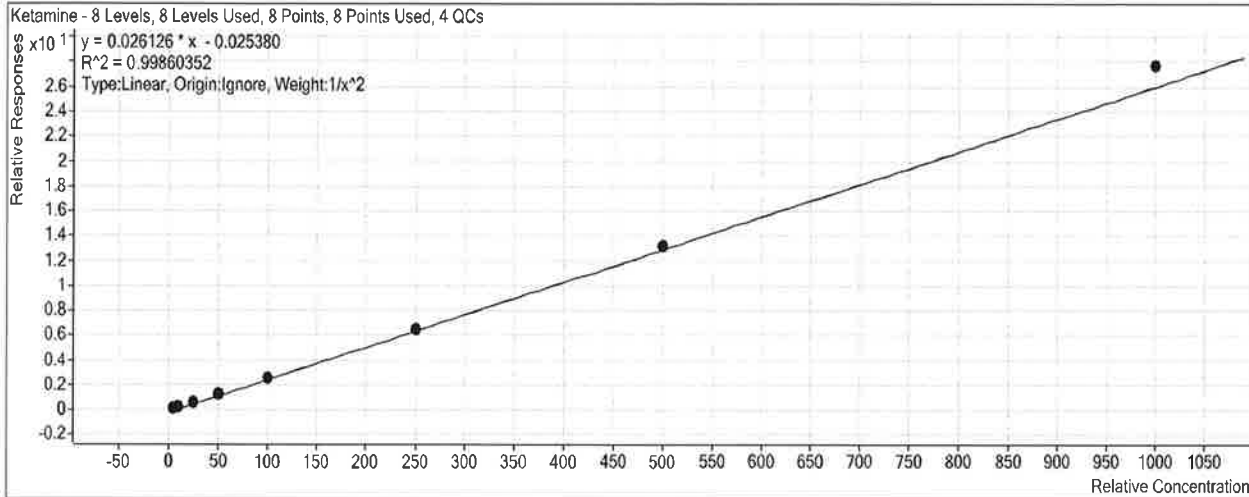
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** Ketamine  
**Internal Standard** Ketamine-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	102.4
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.7	96.9
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.0	100.5
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.2	96.9
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.8	97.6
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	98.7	98.7
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	97.0	97.0
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	249.4	99.7
b QC 250 (QC3).d	6	<input checked="" type="checkbox"/>	250	256.6	102.6
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	507.6	101.5
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1062.3	106.2
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1079.3	107.9

# ISP Forensics Calibration Curve Report

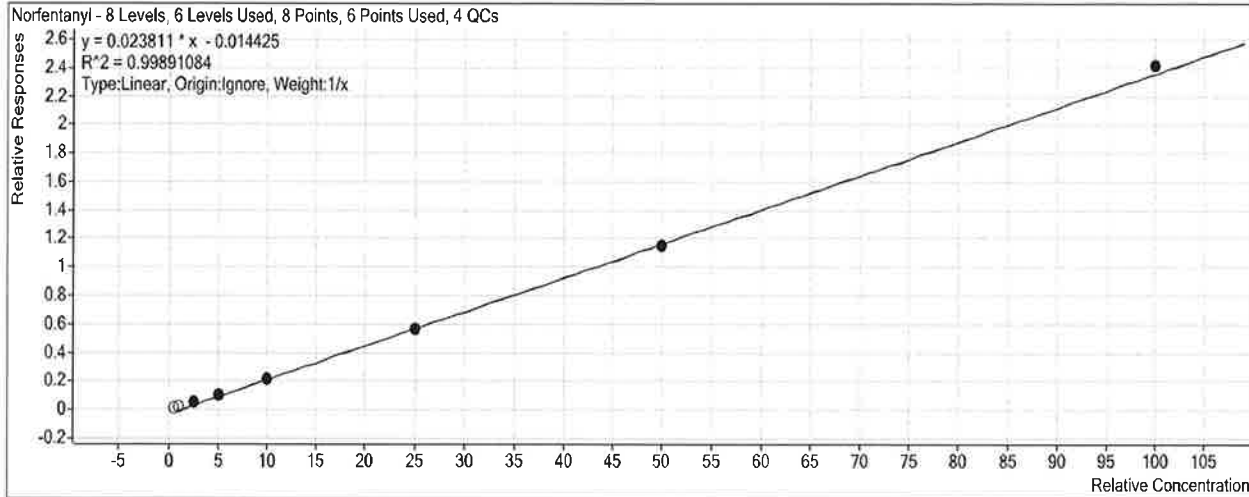
S

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** *Norfentanyl*  
**Internal Standard** *Norfentanyl-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input type="checkbox"/>	0.5	1.0	199.7
b cal 2-10ng.d	2	<input type="checkbox"/>	1	1.4	135.7
b QC 10 ( QC1).d	2	<input type="checkbox"/>	1	1.4	139.0
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	2.5	2.8	111.8
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	5	4.8	95.5
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	10	9.6	95.6
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	10	9.2	91.8
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	25	24.2	97.0
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	25	24.5	98.1
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	50	48.9	97.8
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	100	102.2	102.2
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	100	104.4	104.4

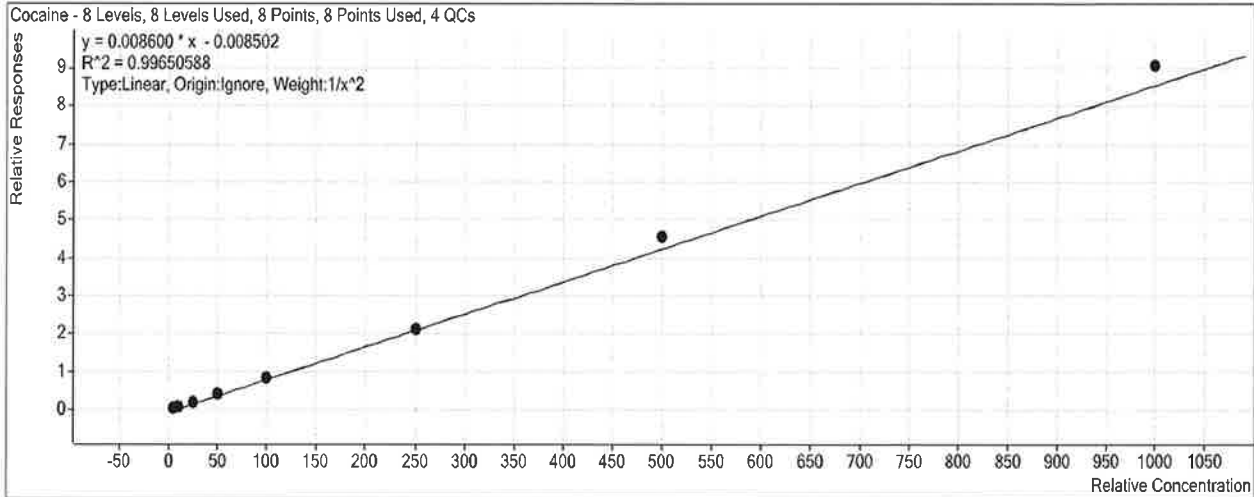
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** Cocaine  
**Internal Standard** Cocaine-d3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	104.1
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.6	95.7
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	9.4	93.9
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.0	91.9
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.2	96.4
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	100.0	100.0
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	96.7	96.7
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	250.6	100.2
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	259.3	103.7
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	530.4	106.1
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1057.6	105.8
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1023.9	102.4

# ISP Forensics Calibration Curve Report

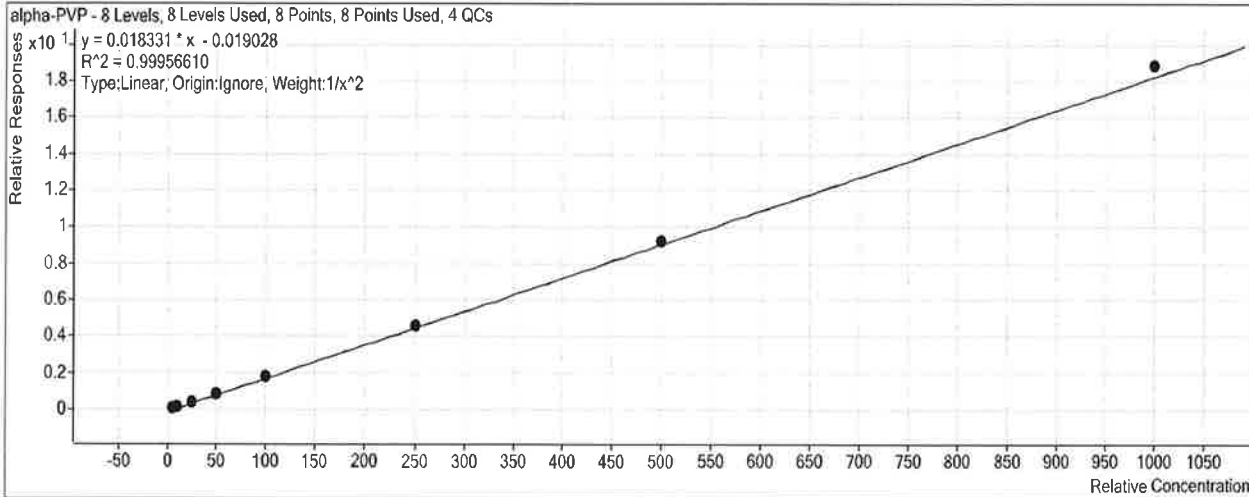
S

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** *alpha-PVP*  
**Internal Standard** *alpha-PVP-d8*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	101.6
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.8	97.9
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	9.8	98.2
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.5	97.9
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	49.5	99.0
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	99.6	99.6
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	103.8	103.8
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	250.5	100.2
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	258.6	103.5
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	504.1	100.8
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1030.9	103.1
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1026.9	102.7

# ISP Forensics Calibration Curve Report

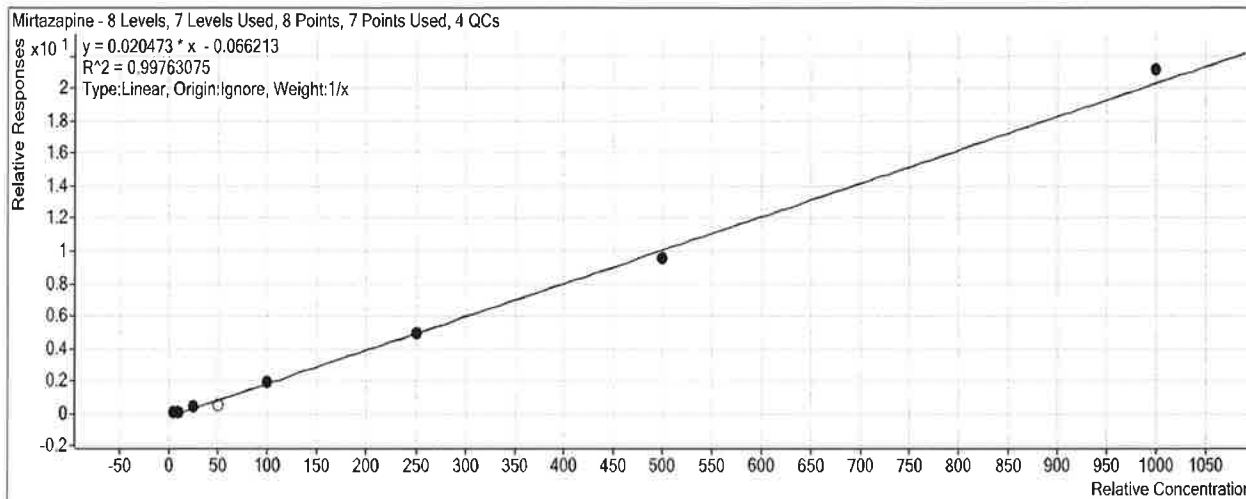
P

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** Mirtazapine  
**Internal Standard** alpha-PVP-d8



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	6.3	125.1
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	8.0	79.5
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	8.6	85.7
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	25.9	103.6
b cal 4-50ng.d	4	<input type="checkbox"/>	50	28.4	56.7
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	95.8	95.8
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	57.7	57.7
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	244.8	97.9
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	136.2	54.5
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	471.2	94.2
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1038.1	103.8
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	837.6	83.8

\*dropped due to peak cut off. P



# ISP Forensics Calibration Curve Report

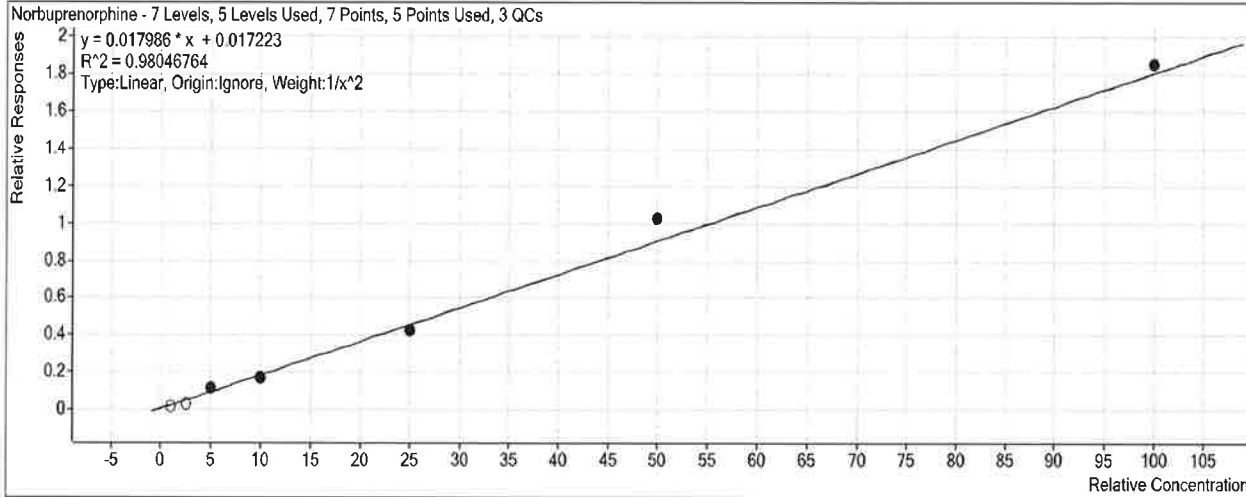
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** *Norbuprenorphine*  
**Internal Standard** *Norbuprenorphine-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input type="checkbox"/>	0.5	0.0	0.0
b cal 2-10ng.d	2	<input type="checkbox"/>	1	0.0	0.0
b cal 2-10ng.d	2	<input type="checkbox"/>	1	0.0	0.0
b cal 3-25ng.d	3	<input type="checkbox"/>	2.5	0.8	30.5
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	5	5.4	107.0
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	10	8.7	86.6
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	10	10.2	101.8
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	25	22.8	91.3
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	25	25.0	100.1
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	50	56.4	112.8
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	100	102.3	102.3
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	100	113.3	113.3

Did not evaluate. \$

# ISP Forensics Calibration Curve Report

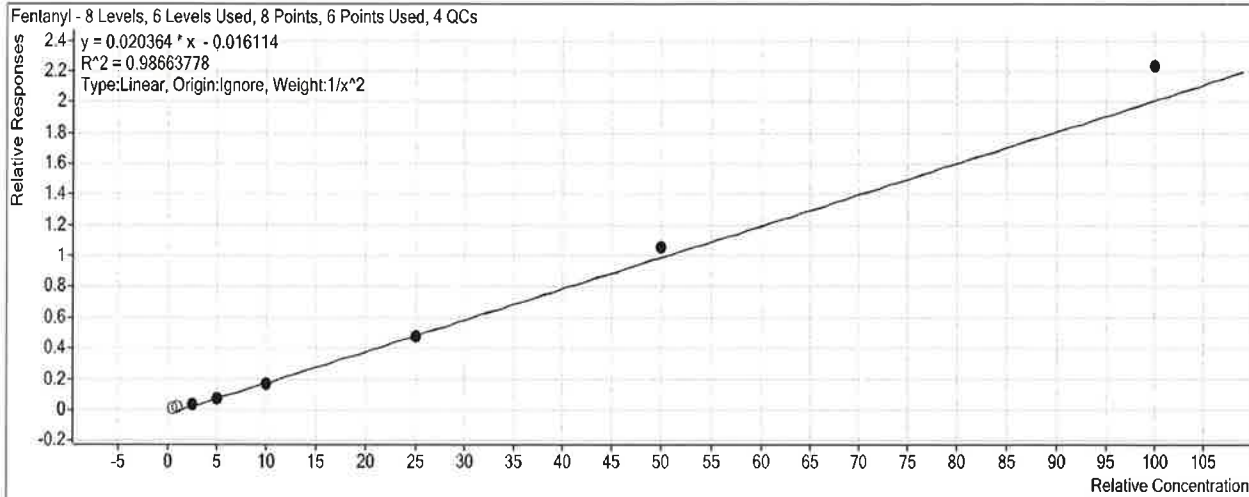
A

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** Fentanyl  
**Internal Standard** Fentanyl-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input type="checkbox"/>	0.5	1.1	222.1
b cal 2-10ng.d	2	<input type="checkbox"/>	1	1.7	168.1
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	1	1.9	185.5
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	2.5	2.7	107.9
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	5	4.4	88.2
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	10	9.1	91.1
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	10	8.5	85.4
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	25	24.2	96.9
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	25	22.1	88.5
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	50	52.6	105.1
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	100	110.8	110.8
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	100	97.9	97.9

D  
P

# ISP Forensics Calibration Curve Report

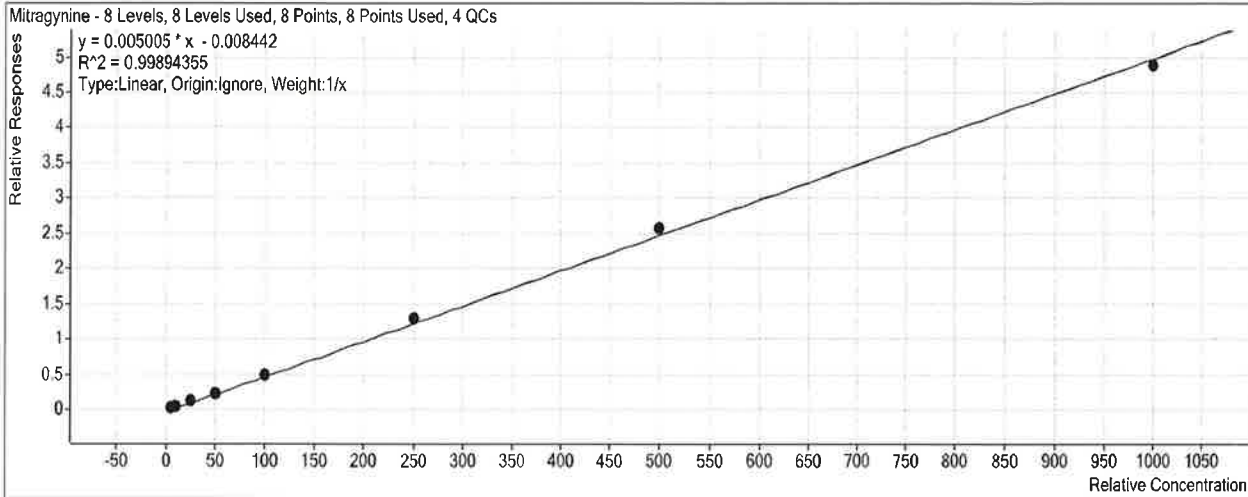
P

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** *Mitragynine*  
**Internal Standard** *Methadone-D9*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.7	113.0
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.2	91.5
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	8.8	88.3
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.9	99.7
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	45.8	91.7
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	99.1	99.1
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	77.9	77.9
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	258.9	103.6
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	231.7	92.7
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	517.4	103.5
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	979.0	97.9
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	894.9	89.5

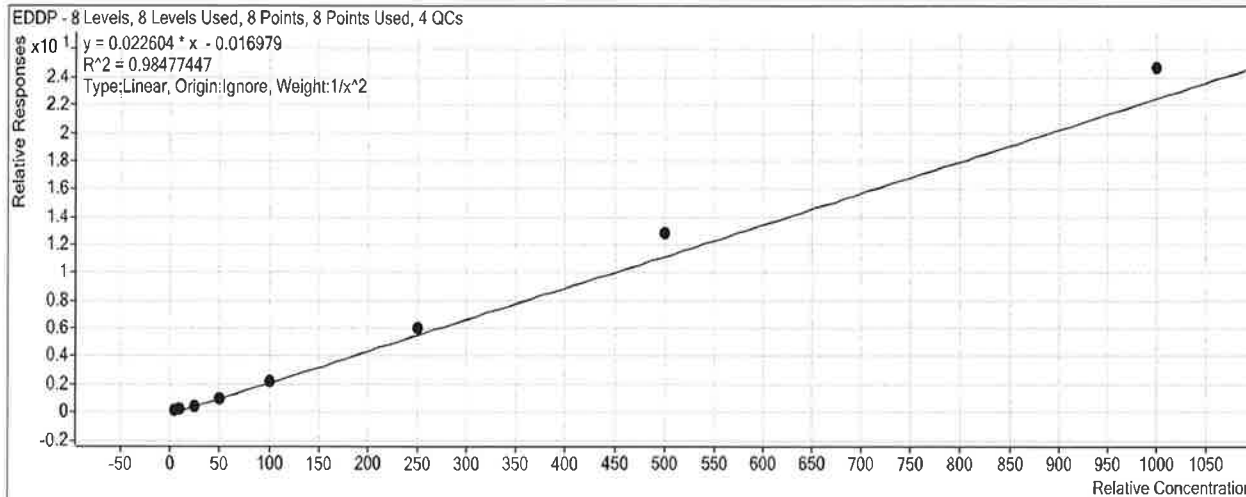
# ISP Forensics Calibration Curve Report

P

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM **Analyst Name** ISP TOX

**Target Compound** EDDP  
**Internal Standard** EDDP-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	106.3
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.5	95.3
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.4	103.6
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	21.9	87.7
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	41.6	83.3
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	97.7	97.7
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	100.8	100.8
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	267.5	107.0
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	269.4	107.8
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	566.8	113.4
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1094.5	109.5
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1106.9	110.7

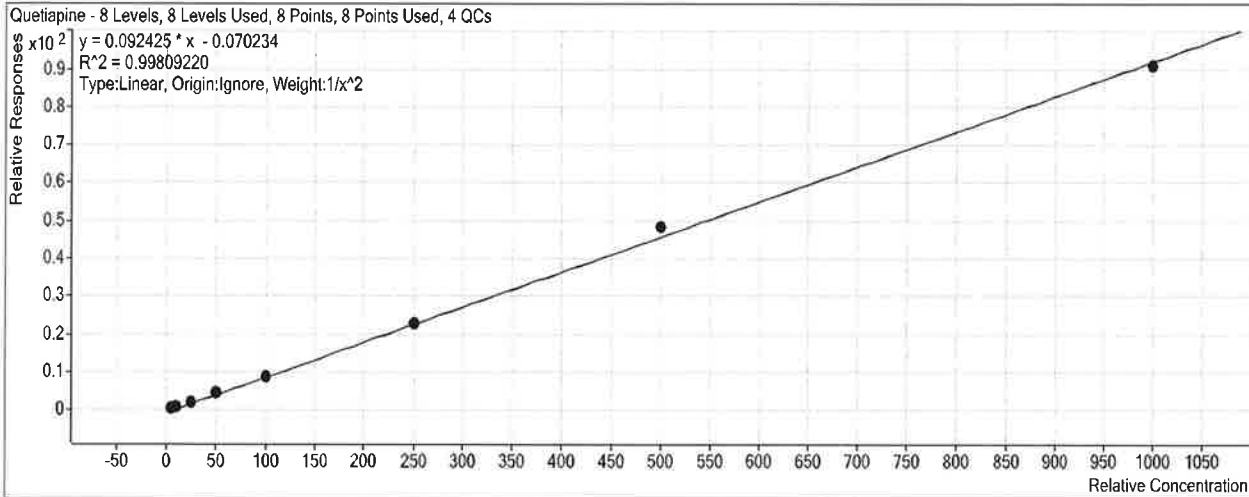
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** *Quetiapine*  
**Internal Standard** *Quetiapine-D8*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	102.2
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.6	95.9
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	11.6	116.2
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.2	96.8
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	52.9	105.8
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	96.9	96.9
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	114.6	114.6
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	247.5	99.0
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	296.4	118.6
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	523.7	104.7
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	985.7	98.6
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1156.1	115.6

# ISP Forensics Calibration Curve Report

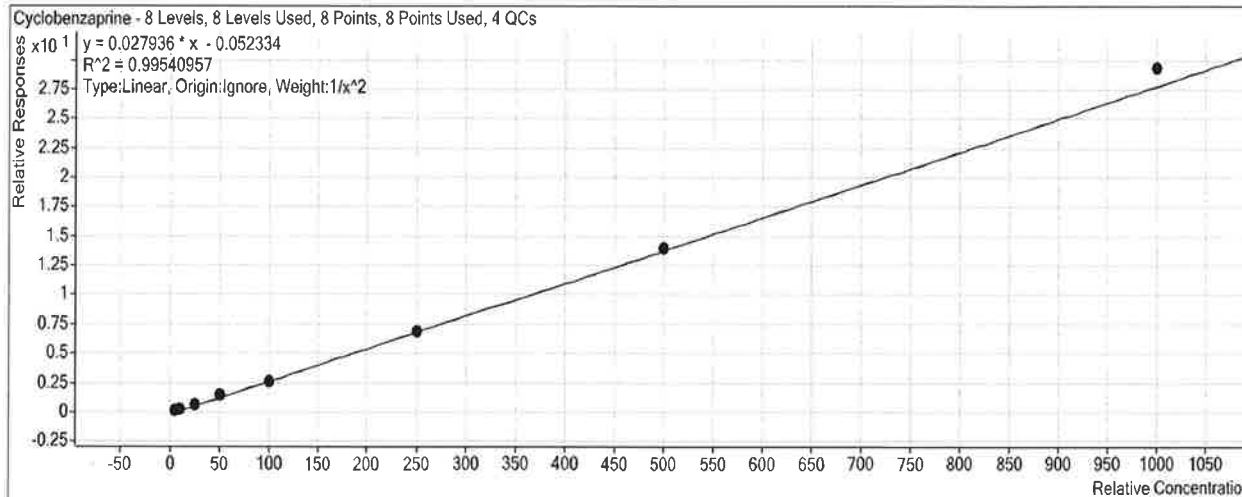
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** Cyclobenzaprine  
**Internal Standard** Cyclobenzaprine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	105.3
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	8.9	89.3
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	12.9	128.9
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.4	97.6
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	53.4	106.9
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	95.8	95.8
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	107.9	107.9
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	248.4	99.3
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	271.7	108.7
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	502.5	100.5
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1052.5	105.3
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1167.4	116.7

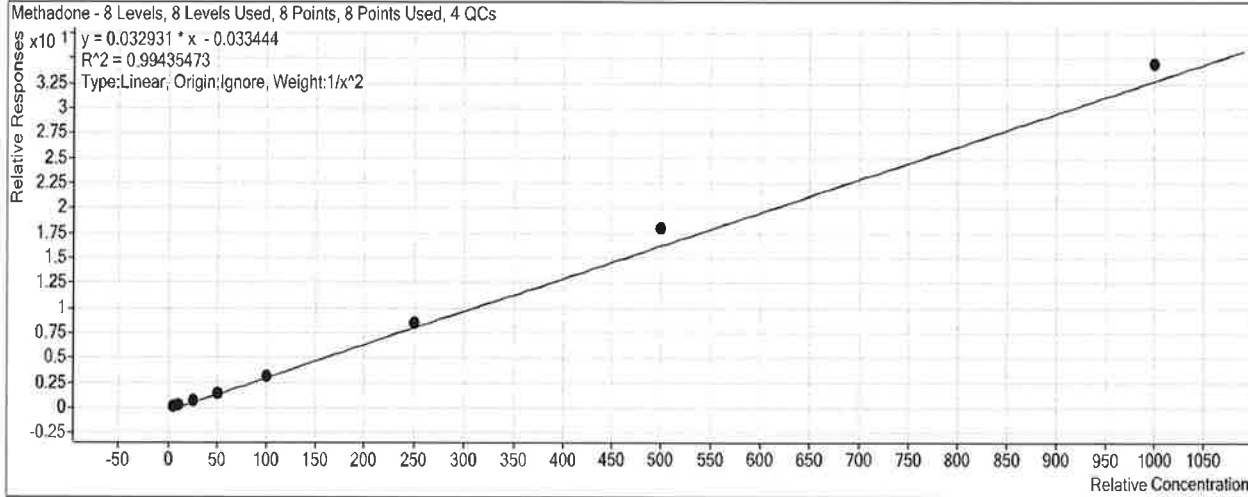
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** *Methadone*  
**Internal Standard** *Methadone-D9*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	105.8
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.2	91.7
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	12.6	125.9
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.8	95.1
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.8	93.6
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	96.5	96.5
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	96.3	96.3
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	257.9	103.2
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	261.7	104.7
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	546.6	109.3
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1047.9	104.8
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1106.4	110.6

# ISP Forensics Calibration Curve Report

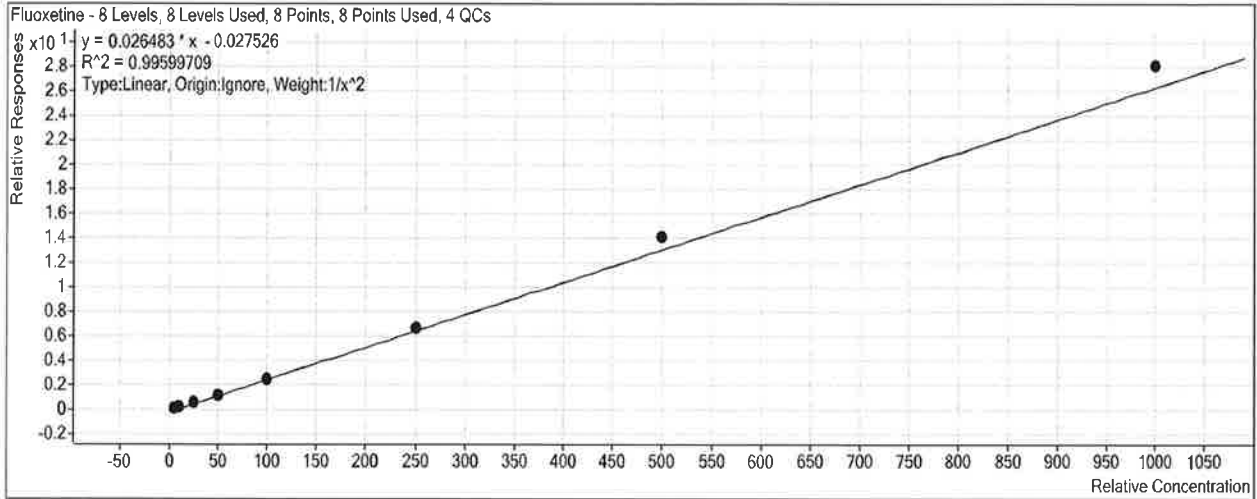
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** Fluoxetine  
**Internal Standard** Fluoxetine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	104.7
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.4	93.9
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	13.4	133.5
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.6	94.4
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.5	95.1
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	96.9	96.9
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	102.0	102.0
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	254.9	101.9
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	252.8	101.1
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	533.3	106.7
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1063.7	106.4
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1052.8	105.3



# ISP Forensics Calibration Curve Report

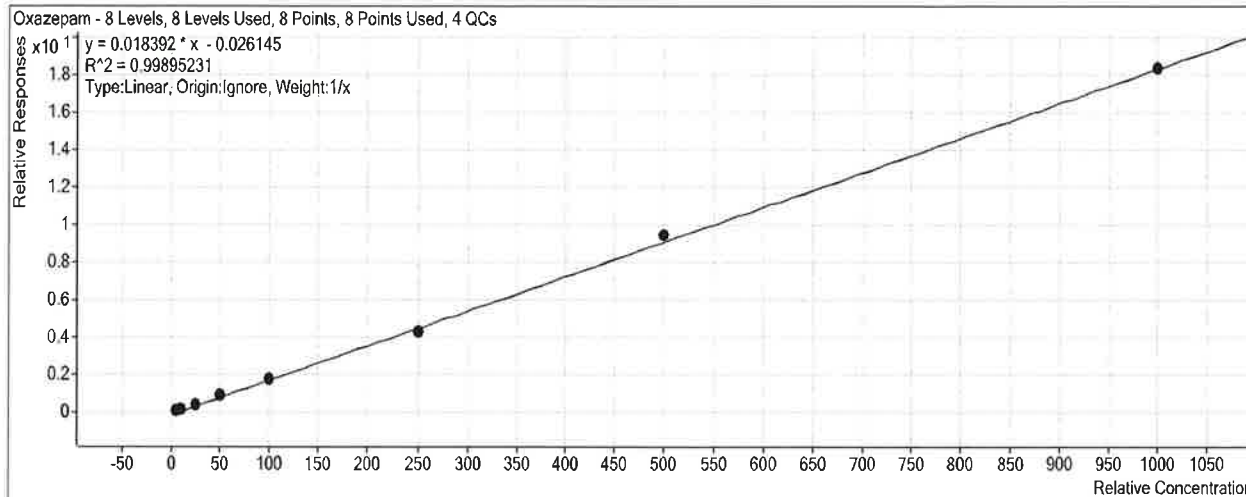
**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** Oxazepam

**Internal Standard** Oxazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.6	111.9
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.3	92.7
b QC 10 ( QC1).d	2	<input type="checkbox"/>	10	9.3	93.4
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.0	96.1
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	52.0	104.0
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	98.4	98.4
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	89.5	89.5
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	233.9	93.6
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	234.1	93.7
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	516.6	103.3
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1000.1	100.0
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1111.1	111.1

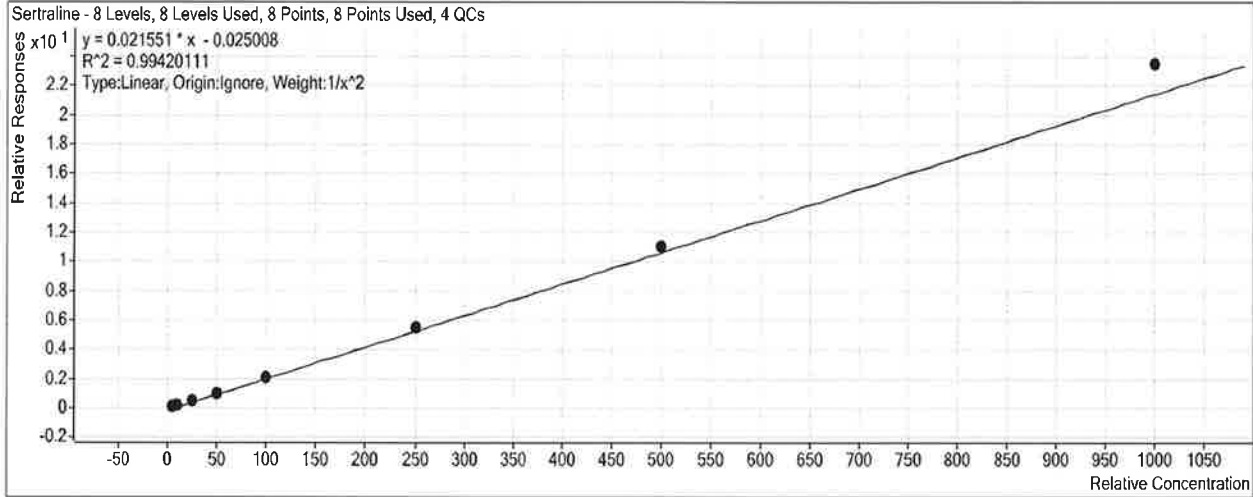
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** Sertraline  
**Internal Standard** Sertraline-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	106.4
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.1	91.0
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	12.6	126.2
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.8	91.3
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.7	97.4
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	99.0	99.0
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	95.5	95.5
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	257.1	102.9
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	251.3	100.5
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	513.6	102.7
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1092.7	109.3
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1089.9	109.0

# ISP Forensics Calibration Curve Report

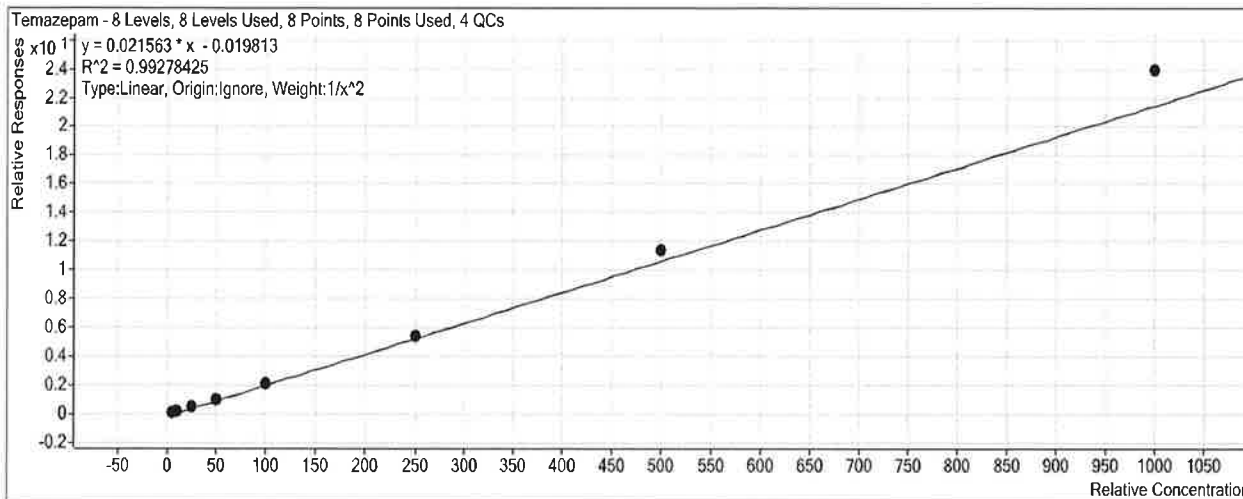
A

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** *Temazepam*  
**Internal Standard** *Temazepam-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	106.3
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.2	91.6
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	9.4	93.8
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.3	93.1
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.5	92.9
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	97.0	97.0
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	93.6	93.6
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	254.1	101.6
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	254.9	102.0
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	530.7	106.1
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1112.7	111.3
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1127.5	112.7

# ISP Forensics Calibration Curve Report

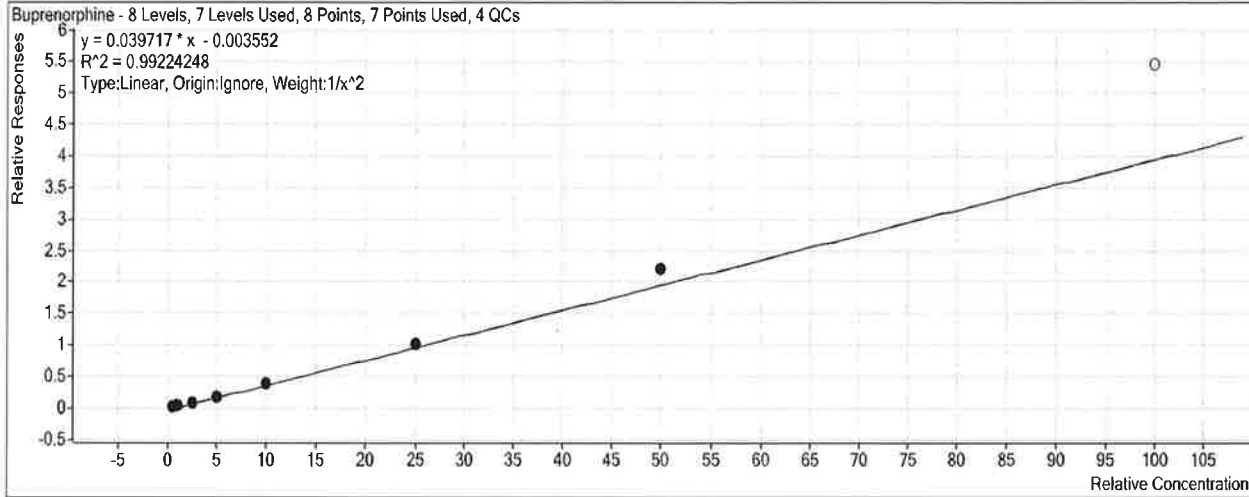
P

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** *Buprenorphine*  
**Internal Standard** *Buprenorphine-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	0.5	0.5	105.6
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	1	0.9	92.4
b QC 10 ( QC1).d	2	<input type="checkbox"/>	1	1.2	123.0
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	2.5	2.3	91.7
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	5	4.9	98.4
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	10	9.6	95.8
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	10	9.7	97.2
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	25	26.1	104.4
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	25	24.3	97.2
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	50	55.8	111.7
b cal 8-1000ng.d	8	<input type="checkbox"/>	100	137.8	137.8
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	100	126.0	126.0

Did not evaluate. P

# ISP Forensics Calibration Curve Report

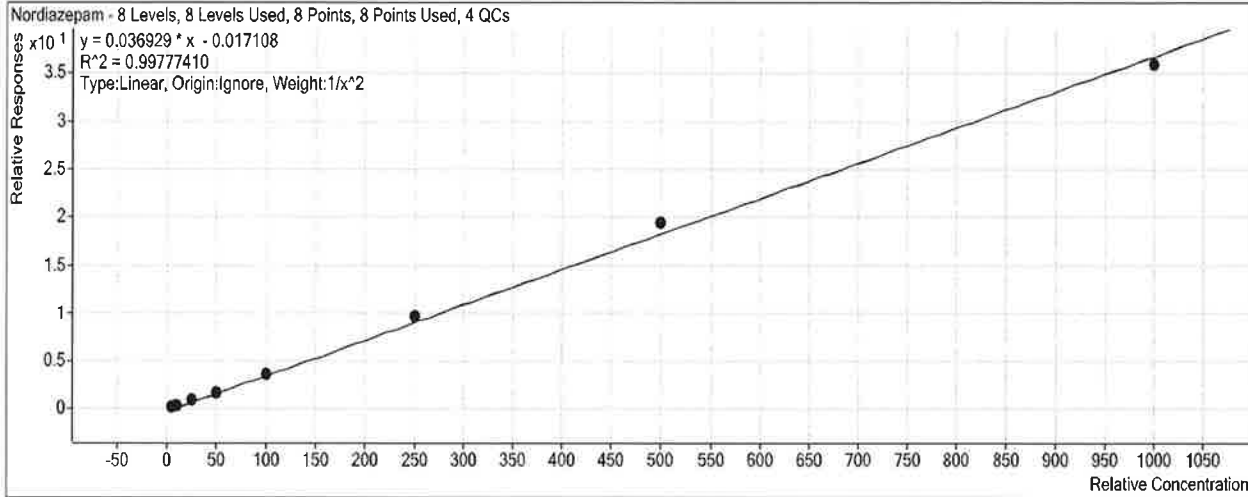


**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** Nordiazepam  
**Internal Standard** Nordiazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	103.1
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.5	94.7
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.2	101.6
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.8	99.4
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.7	95.4
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	99.7	99.7
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	102.8	102.8
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	261.1	104.4
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	271.1	108.4
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	528.5	105.7
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	975.2	97.5
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1145.4	114.5

# ISP Forensics Calibration Curve Report

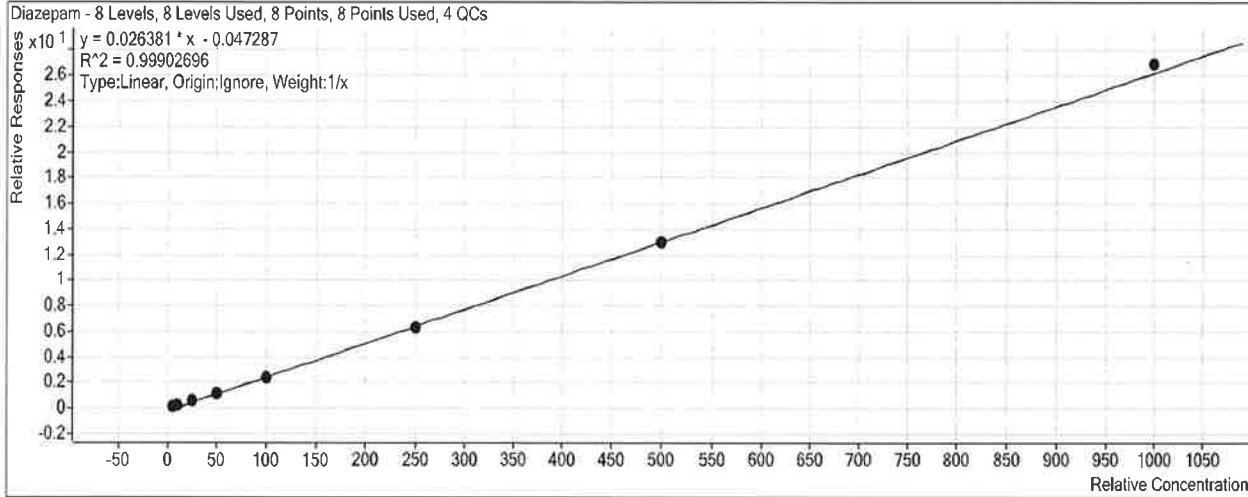
R

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin

**Last Calib Update** 2/20/2019 11:57 AM

**Analyst Name** ISP TOX

**Target Compound** *Diazepam*  
**Internal Standard** *Diazepam-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	6.0	120.4
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.0	99.5
b QC 10 ( QC1).d	2	<input checked="" type="checkbox"/>	10	10.7	106.7
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.8	95.2
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.4	92.8
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	93.9	93.9
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	96.7	96.7
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	242.5	97.0
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	244.3	97.7
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	494.3	98.9
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1023.1	102.3
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1056.7	105.7

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

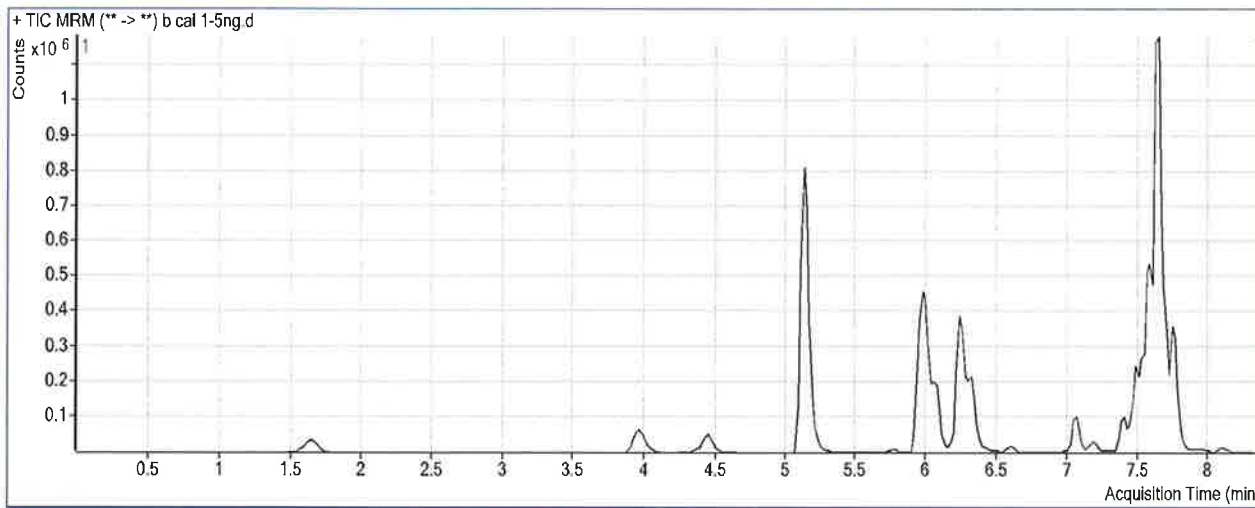
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin  
**Analysis Time** 2/20/2019 11:57 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 7:56 AM **Reporter Name** datastor  
**Last Calib Update** 2/20/2019 11:57 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 14:49 **Data File** b cal 1-5ng.d  
**Sample Type** Calibration **Sample Name** b cal 1-5ng.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 7-11-18.m  
**Position** P1-A1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.648	30244	244403	0.1237	5.2881
Dihydrocodeine	Dihydrocodeine-D6	4.010	27986	343525	0.0815	4.7685
Noroxycodone	Noroxycodone-D3	4.478	33553	269940	0.1243	5.8758
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.140	297708	3181204	0.0936	5.1886
Benzoylcegonine	Benzoylcegonine-d8	5.791	3705	33154	0.1118	8.7032
Ketamine	Ketamine-D4	5.982	138250	1275175	0.1084	5.1211
Norfentanyl	Norfentanyl-D5	6.024	10834	1158731	0.0093	0.9985
Cocaine	Cocaine-d3	6.232	49062	1353731	0.0362	5.2027
alpha-PVP	alpha-PVP-d8	6.328	47651	643406	0.0741	5.0783
Mirtazapine	alpha-PVP-d8	6.604	39787	643406	0.0618	6.2548
Fentanyl	Fentanyl-D5	7.059	2431	373828	0.0065	1.1107
Mitragynine	Methadone-D9	7.156	11452	576902	0.0199	5.6524
EDDP	EDDP-D3	7.188	7630	73967	0.1032	5.3149
Quetiapine	Quetiapine-D8	7.399	94297	234448	0.4022	5.1116
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	17653	186188	0.0948	5.2674
Methadone	Methadone-D9	7.502	81184	576902	0.1407	5.2889
Fluoxetine	Fluoxetine-D6	7.542	73316	660184	0.1111	5.2329
Oxazepam	Oxazepam-D5	7.588	84580	1102480	0.0767	5.5928
Sertraline	Sertraline-D3	7.584	25083	279711	0.0897	5.3214

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b cal 1*

*P*

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.647	320655	3383628	0.0948	5.3137
Buprenorphine	Buprenorphine-D4	7.616	2163	124144	0.0174	0.5282
Nordiazepam	Nordiazepam-D5	7.715	136792	789334	0.1733	5.1560
Diazepam	Diazepam-D5	7.771	90156	808401	0.1115	6.0198



SP

# ISP FORENSICS - Pocatello Instrument # 59740

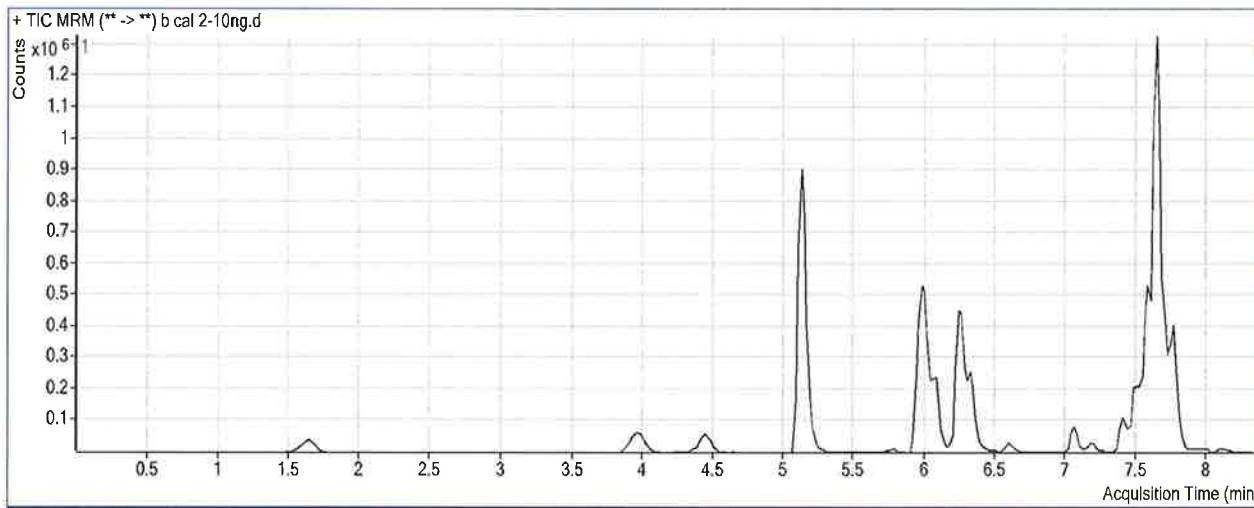
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin  
**Analysis Time** 2/20/2019 11:57 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 7:57 AM **Reporter Name** datastor  
**Last Calib Update** 2/20/2019 11:57 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 15:21 **Data File** b cal 2-10ng.d  
**Sample Type** Calibration **Sample Name** b cal 2-10ng.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 7-11-18.m  
**Position** P1-B1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.668	58520	243166	0.2407	9.1866
Dihydrocodeine	Dihydrocodeine-D6	4.010	58836	353139	0.1666	9.2380
Noroxycodone	Noroxycodone-D3	4.478	71598	282706	0.2533	9.8628
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.140	631467	3296925	0.1915	9.5521
Benzoylcegonine	Benzoylcegonine-d8	5.771	4977	33017	0.1508	10.0328
Ketamine	Ketamine-D4	5.982	302806	1328763	0.2279	9.6939
Norfentanyl	Norfentanyl-D5	6.044	23108	1291365	0.0179	1.3573
Cocaine	Cocaine-d3	6.232	110154	1492670	0.0738	9.5694
alpha-PVP	alpha-PVP-d8	6.328	109412	681831	0.1605	9.7920
Mirtazapine	alpha-PVP-d8	6.604	65828	681831	0.0965	7.9501
Norbuprenorphine	Norbuprenorphine-D3	6.974	155	10908	0.0142	0.0000
Fentanyl	Fentanyl-D5	7.059	4998	275960	0.0181	1.6806
Mitragynine	Methadone-D9	7.176	17258	461907	0.0374	9.1507
EDDP	EDDP-D3	7.209	11847	59725	0.1984	9.5265
Quetiapine	Quetiapine-D8	7.418	147124	180212	0.8164	9.5929
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	27275	138430	0.1970	8.9264
Methadone	Methadone-D9	7.502	123968	461907	0.2684	9.1655
Fluoxetine	Fluoxetine-D6	7.542	115937	524018	0.2212	9.3937
Oxazepam	Oxazepam-D5	7.608	162286	1124205	0.1444	9.2704

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b cal 2*

*D*

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.625	36494	213349	0.1711	9.0974
Temazepam	Temazepam-D5	7.647	628170	3533470	0.1778	9.1633
Buprenorphine	Buprenorphine-D4	7.616	3059	92322	0.0331	0.9238
Nordiazepam	Nordiazepam-D5	7.715	262417	789160	0.3325	9.4677
Diazepam	Diazepam-D5	7.771	172412	800844	0.2153	9.9530

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

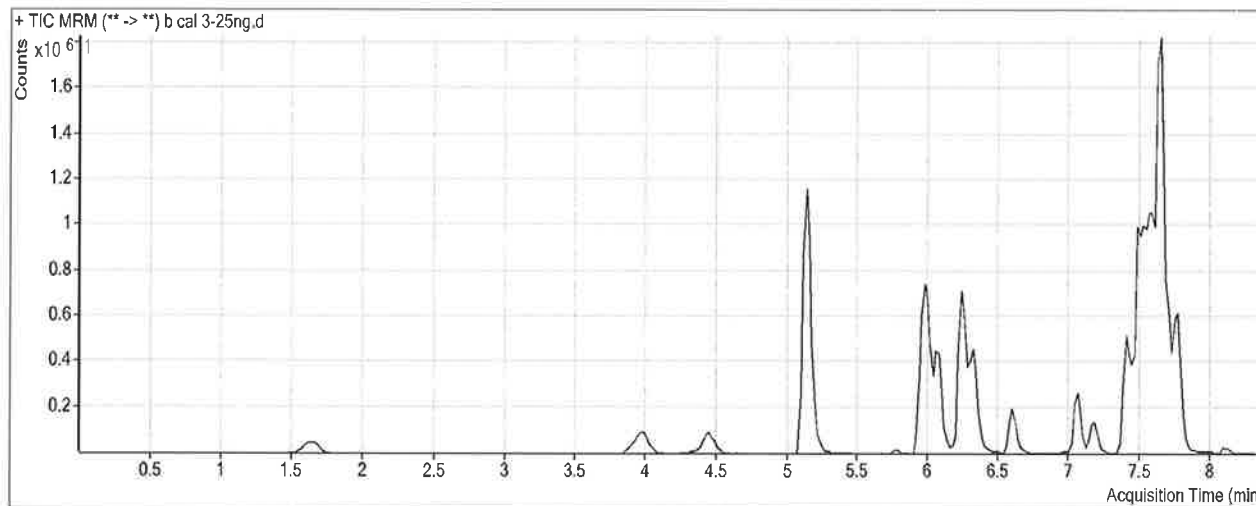
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin  
**Analysis Time** 2/20/2019 11:57 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 7:57 AM **Reporter Name** datastor  
**Last Calib Update** 2/20/2019 11:57 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 15:52 **Data File** b cal 3-25ng.d  
**Sample Type** Calibration **Sample Name** b cal 3-25ng.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 7-11-18.m  
**Position** P1-C1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.648	159345	242067	0.6583	23.1119
Dihydrocodeine	Dihydrocodeine-D6	4.010	162804	365562	0.4454	23.8709
Noroxycodone	Noroxycodone-D3	4.458	212540	315098	0.6745	22.8863
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.140	1655937	3306934	0.5007	23.3273
Benzoylcegonine	Benzoylcegonine-d8	5.791	14013	30618	0.4577	20.4956
Ketamine	Ketamine-D4	5.982	837389	1378825	0.6073	24.2170
Norfentanyl	Norfentanyl-D5	6.024	82643	1585023	0.0521	2.7956
Cocaine	Cocaine-d3	6.232	313864	1660787	0.1890	22.9631
alpha-PVP	alpha-PVP-d8	6.328	394524	918798	0.4294	24.4625
Mirtazapine	alpha-PVP-d8	6.604	426542	918798	0.4642	25.9104
Norbuprenorphine	Norbuprenorphine-D3	6.974	962	31114	0.0309	0.7619
Fentanyl	Fentanyl-D5	7.059	33727	868663	0.0388	2.6980
Mitragynine	Methadone-D9	7.156	170694	1467524	0.1163	24.9239
EDDP	EDDP-D3	7.188	79863	166877	0.4786	21.9232
Quetiapine	Quetiapine-D8	7.399	1004152	463668	2.1657	24.1915
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	284278	451646	0.6294	24.4048
Methadone	Methadone-D9	7.502	1100141	1467524	0.7497	23.7804
Fluoxetine	Fluoxetine-D6	7.542	970197	1623697	0.5975	23.6021
Oxazepam	Oxazepam-D5	7.588	402693	968862	0.4156	24.0203

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report** bcal 3

S

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Sertraline	Sertraline-D3	7.604	337647	723049	0.4670	22.8286
Temazepam	Temazepam-D5	7.647	1653159	3430477	0.4819	23.2672
Buprenorphine	Buprenorphine-D4	7.637	27985	319997	0.0875	2.2913
Nordiazepam	Nordiazepam-D5	7.715	687112	763082	0.9004	24.8463
Diazepam	Diazepam-D5	7.771	472322	813318	0.5807	23.8055

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

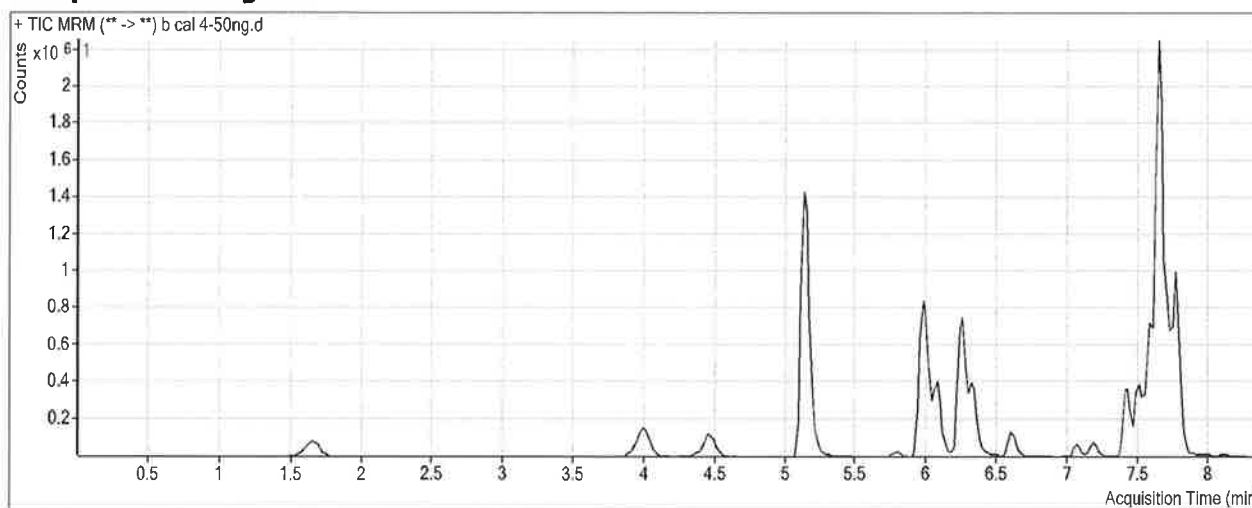
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin  
**Analysis Time** 2/20/2019 11:57 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 7:57 AM **Reporter Name** datastor  
**Last Calib Update** 2/20/2019 11:57 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 16:24 **Data File** b cal 4-50ng.d  
**Sample Type** Calibration **Sample Name** b cal 4-50ng.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 7-11-18.m  
**Position** P1-D1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.668	344813	244751	1.4088	48.1396
Dihydrocodeine	Dihydrocodeine-D6	4.010	323721	330992	0.9780	51.8342
Noroxycodone	Noroxycodone-D3	4.478	392357	258979	1.5150	48.8710
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	3192447	3029361	1.0538	47.9667
Benzoylcegonine	Benzoylcegonine-d8	5.791	31801	32966	0.9647	37.7784
Ketamine	Ketamine-D4	5.982	1475388	1180908	1.2494	48.7918
Norfentanyl	Norfentanyl-D5	6.044	111772	1125663	0.0993	4.7760
Cocaine	Cocaine-d3	6.252	508654	1253278	0.4059	48.1803
alpha-PVP	alpha-PVP-d8	6.348	508443	572406	0.8883	49.4949
Mirtazapine	alpha-PVP-d8	6.604	294424	572406	0.5144	28.3587
Norbuprenorphine	Norbuprenorphine-D3	7.035	735	6477	0.1135	5.3521
Fentanyl	Fentanyl-D5	7.079	14826	201192	0.0737	4.4101
Mitragynine	Methadone-D9	7.176	82095	371460	0.2210	45.8392
EDDP	EDDP-D3	7.188	64297	69568	0.9242	41.6393
Quetiapine	Quetiapine-D8	7.418	811106	168273	4.8202	52.9120
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	137779	95634	1.4407	53.4451
Methadone	Methadone-D9	7.502	560202	371460	1.5081	46.8122
Fluoxetine	Fluoxetine-D6	7.542	446533	362601	1.2315	47.5402
Oxazepam	Oxazepam-D5	7.608	667236	717208	0.9303	52.0049

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report**

b cal 4

5

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<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Sertraline	Sertraline-D3	7.604	146564	143047	1.0246	48.7021
Temazepam	Temazepam-D5	7.647	3206788	3264765	0.9822	46.4704
Buprenorphine	Buprenorphine-D4	7.637	14363	74835	0.1919	4.9219
Nordiazepam	Nordiazepam-D5	7.715	1206741	691492	1.7451	47.7193
Diazepam	Diazepam-D5	7.771	932932	792924	1.1766	46.3911

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

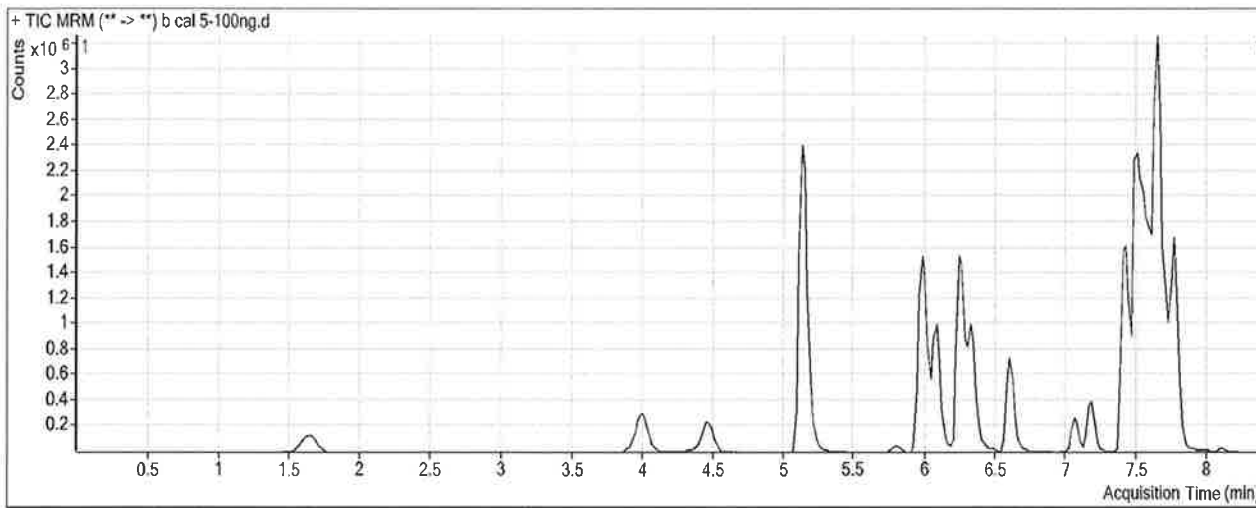
D

**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin  
**Analysis Time** 2/20/2019 11:57 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 7:57 AM **Reporter Name** datastor  
**Last Calib Update** 2/20/2019 11:57 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 16:55 **Data File** b cal 5-100ng.d  
**Sample Type** Calibration **Sample Name** b cal 5-100ng.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 7-11-18.m  
**Position** P1-E1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.648	710739	241029	2.9488	99.4895
Dihydrocodeine	Dihydrocodeine-D6	4.010	711200	352481	2.0177	106.4120
Noroxycodone	Noroxycodone-D3	4.478	891827	292335	3.0507	96.3481
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.140	7032680	3090976	2.2752	102.3784
Benzoylcegonine	Benzoylcegonine-d8	5.791	67875	31268	2.1707	78.8924
Ketamine	Ketamine-D4	5.982	3644495	1427425	2.5532	98.6966
Norfentanyl	Norfentanyl-D5	6.044	313206	1468337	0.2133	9.5643
Cocaine	Cocaine-d3	6.232	1371195	1611066	0.8511	99.9526
alpha-PVP	alpha-PVP-d8	6.328	1596208	883828	1.8060	99.5612
Mirtazapine	alpha-PVP-d8	6.604	1674675	883828	1.8948	95.7873
Norbuprenorphine	Norbuprenorphine-D3	6.994	4780	27626	0.1730	8.6626
Fentanyl	Fentanyl-D5	7.079	134307	793308	0.1693	9.1050
Mitragynine	Methadone-D9	7.156	653531	1339858	0.4878	99.1320
EDDP	EDDP-D3	7.188	331955	151541	2.1905	97.6598
Quetiapine	Quetiapine-D8	7.418	3650029	410597	8.8896	96.9408
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	1097250	418297	2.6231	95.7728
Methadone	Methadone-D9	7.502	4214530	1339858	3.1455	96.5348
Fluoxetine	Fluoxetine-D6	7.542	3569493	1405389	2.5399	96.9456
Oxazepam	Oxazepam-D5	7.608	999181	559923	1.7845	98.4477

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** b cal 5

PS

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<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Sertraline	Sertraline-D3	7.604	1241926	588889	2.1089	99.0169
Temazepam	Temazepam-D5	7.647	5731754	2765343	2.0727	97.0409
Buprenorphine	Buprenorphine-D4	7.637	99298	263427	0.3769	9.5802
Nordiazepam	Nordiazepam-D5	7.715	2333598	636632	3.6655	99.7219
Diazepam	Diazepam-D5	7.771	1947345	801342	2.4301	93.9070



# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

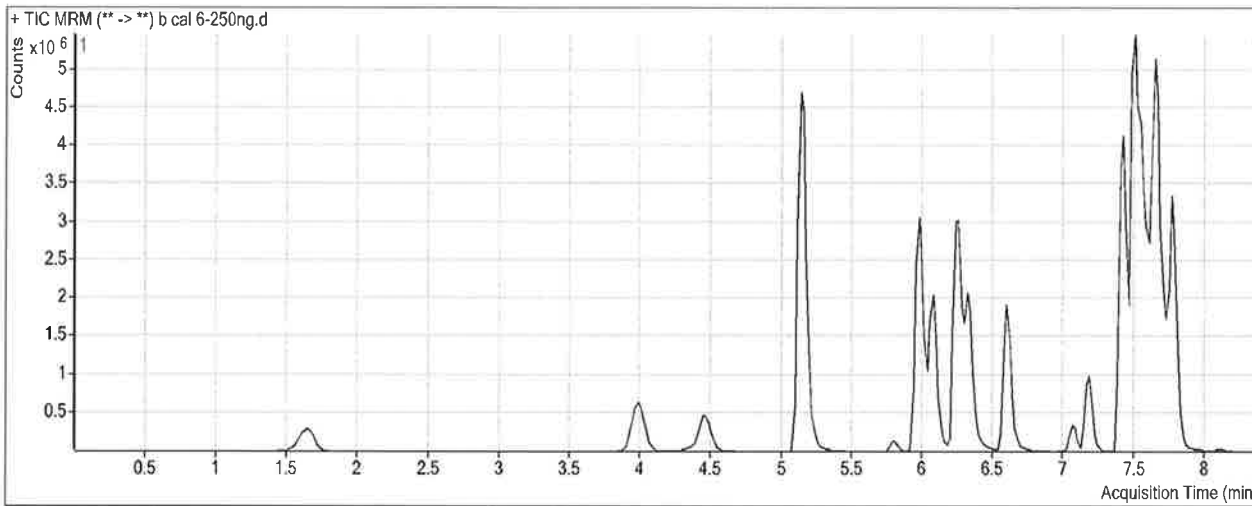
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin  
**Analysis Time** 2/20/2019 11:57 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 7:57 AM **Reporter Name** datastor  
**Last Calib Update** 2/20/2019 11:57 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2019-02-19 17:27 **Data File** b cal 6-250ng.d  
**Sample Type** Calibration **Sample Name** b cal 6-250ng.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 7-11-18.m  
**Position** P1-F1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.648	1747097	216320	8.0765	270.4740
Dihydrocodeine	Dihydrocodeine-D6	3.990	1728646	333462	5.1839	272.6250
Noroxycodone	Noroxycodone-D3	4.478	2047107	260007	7.8733	245.4419
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.140	17198539	3043411	5.6511	252.7684
Benzoylcegonine	Benzoylcegonine-d8	5.791	189362	31617	5.9892	209.0617
Ketamine	Ketamine-D4	5.982	8826747	1360134	6.4896	249.3658
Norfentanyl	Norfentanyl-D5	6.044	776297	1379202	0.5629	24.2449
Cocaine	Cocaine-d3	6.252	3311006	1542398	2.1467	250.5944
alpha-PVP	alpha-PVP-d8	6.328	4000406	874780	4.5730	250.5100
Mirtazapine	alpha-PVP-d8	6.604	4326520	874780	4.9458	244.8180
Norbuprenorphine	Norbuprenorphine-D3	6.974	11424	26714	0.4276	22.8185
Fentanyl	Fentanyl-D5	7.079	347816	728641	0.4773	24.2322
Mitragynine	Methadone-D9	7.156	1682757	1306995	1.2875	258.9048
EDDP	EDDP-D3	7.188	945873	156864	6.0299	267.5120
Quetiapine	Quetiapine-D8	7.418	9463121	414967	22.8045	247.4944
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	2734212	397078	6.8858	248.3631
Methadone	Methadone-D9	7.502	11058054	1306995	8.4607	257.9400
Fluoxetine	Fluoxetine-D6	7.542	7966474	1185176	6.7218	254.8562
Oxazepam	Oxazepam-D5	7.588	1272498	297607	4.2758	233.9023

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report *b cal 6*

*B*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.604	2668680	483735	5.5168	257.1462
Temazepam	Temazepam-D5	7.647	10883024	1993360	5.4596	254.1100
Buprenorphine	Buprenorphine-D4	7.637	245473	237571	1.0333	26.1050
Nordiazepam	Nordiazepam-D5	7.715	4169944	433233	9.6252	261.1021
Diazepam	Diazepam-D5	7.771	4299983	677277	6.3489	242.4523

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

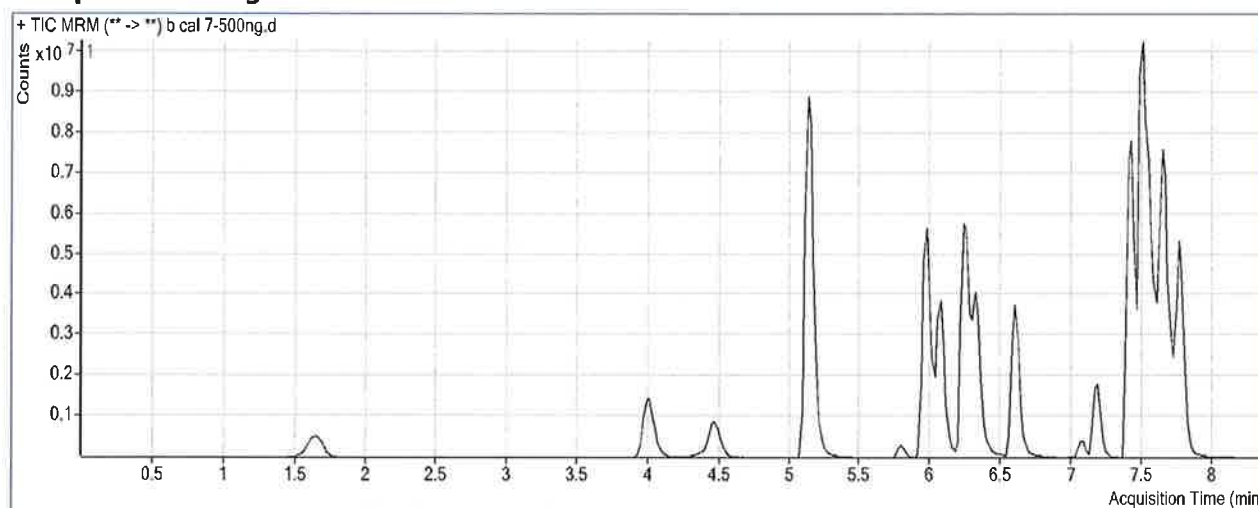
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<b>Batch Data Path</b>	C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin		
<b>Analysis Time</b>	2/20/2019 11:57 AM	<b>Analyst Name</b>	datastor
<b>Report Time</b>	2/21/2019 7:57 AM	<b>Reporter Name</b>	datastor
<b>Last Calib Update</b>	2/20/2019 11:57 AM	<b>Batch State</b>	Processed

### Analysis Info

<b>Acq Time</b>	2019-02-19 17:58	<b>Data File</b>	b cal 7-500ng.d
<b>Sample Type</b>	Calibration	<b>Sample Name</b>	b cal 7-500ng.d
<b>Dilution</b>	1	<b>Acq Method</b>	MD Quant Panel 1b 7-11-18.m
<b>Position</b>	P1-G1	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.648	3366379	216378	15.5578	519.9429
Dihydrocodeine	Dihydrocodeine-D6	4.010	3292640	342537	9.6125	505.1053
Noroxycodone	Noroxycodone-D3	4.478	3843334	243633	15.7751	489.7337
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.140	35071651	2944851	11.9095	531.5733
Benzoylcegonine	Benzoylcegonine-d8	5.791	415449	29779	13.9512	480.4801
Ketamine	Ketamine-D4	5.982	18183010	1373786	13.2357	507.5762
Norfentanyl	Norfentanyl-D5	6.024	1575854	1369992	1.1503	48.9149
Cocaine	Cocaine-d3	6.232	6691676	1469673	4.5532	530.4146
alpha-PVP	alpha-PVP-d8	6.328	8323544	902659	9.2211	504.0764
Mirtazapine	alpha-PVP-d8	6.604	8647838	902659	9.5804	471.1974
Norbuprenorphine	Norbuprenorphine-D3	6.994	22569	21885	1.0312	56.3780
Fentanyl	Fentanyl-D5	7.079	656329	622647	1.0541	52.5540
Mitragynine	Methadone-D9	7.156	3102063	1201762	2.5813	517.3736
EDDP	EDDP-D3	7.188	2044864	159830	12.7940	566.7535
Quetiapine	Quetiapine-D8	7.418	19464681	402726	48.3323	523.6930
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	4966009	355063	13.9863	502.5341
Methadone	Methadone-D9	7.502	21591348	1201762	17.9664	546.5998
Fluoxetine	Fluoxetine-D6	7.542	14930249	1059201	14.0958	533.3016
Oxazepam	Oxazepam-D5	7.588	1849010	195129	9.4758	516.6381

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report *b cal 7*

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<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Sertraline	Sertraline-D3	7.604	4232330	383198	11.0448	513.6483
Temazepam	Temazepam-D5	7.667	17330563	1517158	11.4230	530.6633
Buprenorphine	Buprenorphine-D4	7.637	430369	194390	2.2139	55.8325
Nordiazepam	Nordiazepam-D5	7.715	6025794	309030	19.4990	528.4755
Diazepam	Diazepam-D5	7.771	7601838	585027	12.9940	494.3375

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

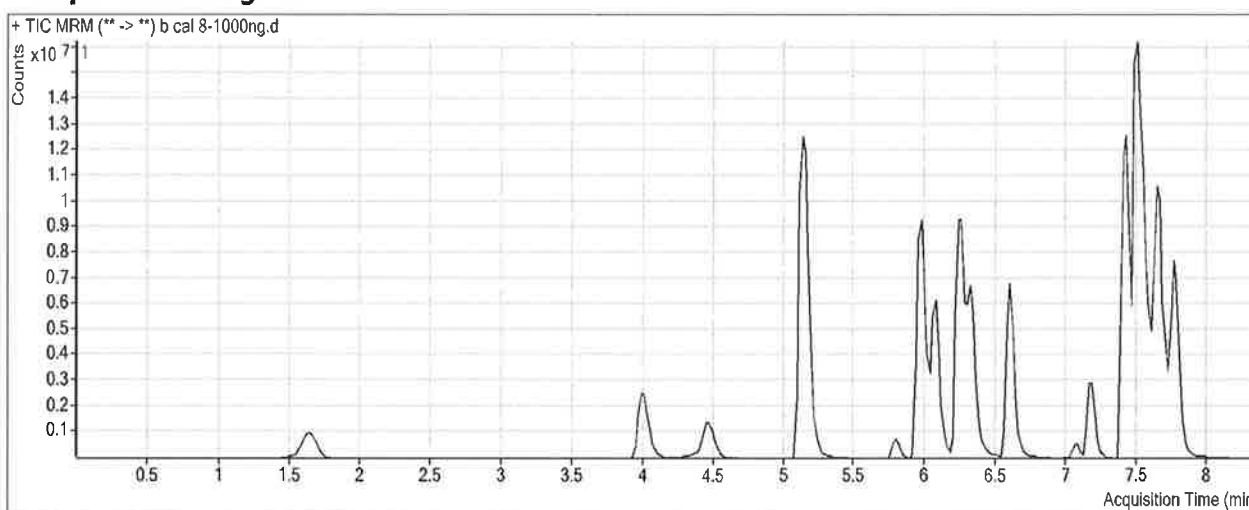
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**Batch Data Path** C:\MassHunter\Data\2019\AM 28\021919 MDQ P1 SP\QuantResults\P1b.batch.bin  
**Analysis Time** 2/20/2019 11:57 AM **Analyst Name** datastor  
**Report Time** 2/21/2019 7:57 AM **Reporter Name** datastor  
**Last Calib Update** 2/20/2019 11:57 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-19 18:30 **Data File** b cal 8-1000ng.d  
**Sample Type** Calibration **Sample Name** b cal 8-1000ng.d  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 7-11-18.m  
**Position** P1-H1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.648	6112671	200104	30.5475	1019.7788
Dihydrocodeine	Dihydrocodeine-D6	4.010	5735103	311775	18.3950	966.1460
Noroxycodone	Noroxycodone-D3	4.478	6243694	189440	32.9588	1020.9804
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.140	57927380	2540901	22.7980	1016.6431
Benzoyllecgonine	Benzoyllecgonine-d8	5.791	1029078	32194	31.9650	1094.5558
Ketamine	Ketamine-D4	5.982	33518204	1208813	27.7282	1062.2865
Norfentanyl	Norfentanyl-D5	6.024	2668708	1103175	2.4191	102.2043
Cocaine	Cocaine-d3	6.232	11295937	1243020	9.0875	1057.6490
alpha-PVP	alpha-PVP-d8	6.328	13979397	740472	18.8790	1030.9418
Mirtazapine	alpha-PVP-d8	6.604	15687618	740472	21.1860	1038.0821
Norbuprenorphine	Norbuprenorphine-D3	6.974	34120	18372	1.8572	102.3025
Fentanyl	Fentanyl-D5	7.079	1087618	485529	2.2401	110.7929
Mitragynine	Methadone-D9	7.156	5021501	1026464	4.8920	979.0234
EDDP	EDDP-D3	7.188	3670784	148473	24.7235	1094.5134
Quetiapine	Quetiapine-D8	7.418	31785481	349158	91.0346	985.7120
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	8194741	279199	29.3509	1052.5373
Methadone	Methadone-D9	7.502	35386802	1026464	34.4745	1047.8991
Fluoxetine	Fluoxetine-D6	7.542	22532556	800682	28.1417	1063.6819
Oxazepam	Oxazepam-D5	7.588	2345760	127709	18.3681	1000.1234

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report *b cal 8*

*P*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.604	5879856	249941	23.5250	1092.7433
Temazepam	Temazepam-D5	7.667	25616274	1068544	23.9731	1112.6710
Buprenorphine	Buprenorphine-D4	7.637	611679	111856	5.4685	137.7748
Nordiazepam	Nordiazepam-D5	7.715	7301258	202834	35.9961	975.1989
Diazepam	Diazepam-D5	7.771	11903749	441790	26.9443	1023.1337