

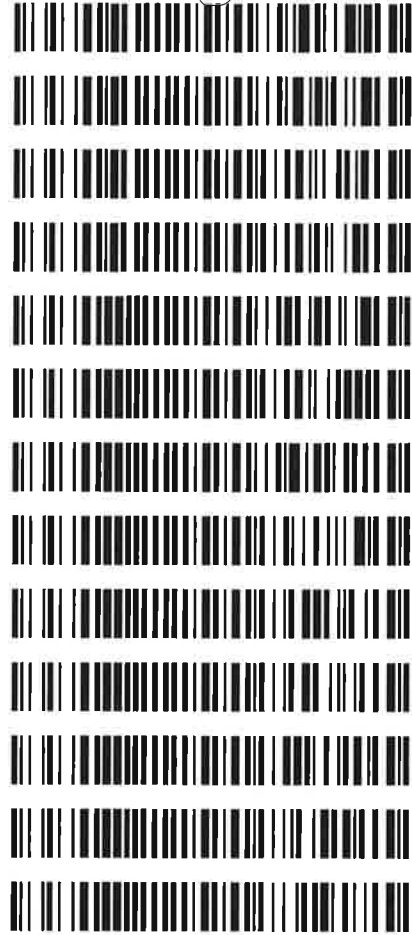
reviewed 1/25/18

1/10/2018

*BWylee*

**Worklist: 2121**

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
M2017-4452	1	104699	AM 28 Blood Multi-Drug Quant
M2017-4521	1	104702	AM 28 Blood Multi-Drug Quant
M2017-4655	1	104704	AM 28 Blood Multi-Drug Quant
M2017-4656	1	104706	AM 28 Blood Multi-Drug Quant
P2017-2140	1	104708	AM 28 Blood Multi-Drug Quant
P2017-2140	3	104709	AM 28 Blood Multi-Drug Quant
P2017-2317	1	104710	AM 28 Blood Multi-Drug Quant
P2017-2485	1	104712	AM 28 Blood Multi-Drug Quant
P2017-2511	1	104713	AM 28 Blood Multi-Drug Quant
P2017-2514	1	104714	AM 28 Blood Multi-Drug Quant
P2017-2569	1	104716	AM 28 Blood Multi-Drug Quant
P2017-2635	1	104696	AM 28 Blood Multi-Drug Quant
P2017-2652	1	104718	AM 28 Blood Multi-Drug Quant



# Multi-Drug Quantitation in Blood by LC-MS/M

Extraction Date: 01/09/2018  
Plate lot#: 0507680

Analyst: Tamara Salazar  
Plate Expiration: ~~05/31/18~~ 06/05/18 TS

**Mobile phase A:** 5mM Amm Form + 0.01% FA  
0.5M Ammonium Hydroxide  
20% Methanol in Water

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

**Blank Blood Lot:** 361331-3  
**LCMS-QQQ ID:** 59740

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

## 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: 3** in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 067105*
- 4. Pipette **250µL 00.5M 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.

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918

## Post-Analytic

- 1. Create batch and process data.  
Worklist path: \_\_\_\_\_ Batch Name: MDQ Panel 2b TS 010918. batch. bin
- 2. Make necessary changes to integration limits
- 3. Integration linear and  $r^2$  values  $\geq 0.98$  for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5%, S/N for primary and secondary transitions  $> 10.5^{TS}$
- 5. Did all QCs pass for each analyte? Y / N \_\_\_\_\_
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

MDQ Panel 1a TS 010918. batch. bin  
 MDQ Panel 1b TS 010918. batch. bin  
 MDQ Panel 2a TS 010918. batch. bin  
 MDQ Panel 2b TS 010918. batch. bin

## COMMENTS:

Not evaluated: 6-MAM, Norbuprenorphin, Benzoylcegonine, MDA

# Multi-Drug Quantitation in Blood by LC-MS/M

Extraction Date: 01/09/2018

Analyst: Tamara Salazar

Plate lot#: 0507680

Plate Expiration: 05/31/18

COMMENTS (Continued): Curves limited.

Panel 1

Amphetamine - 5 - 250  
Norhydrocodone - 25 - 1000  
7-aminoclonazepam - 5 - 500  
Norfentanyl - 2.5 - 100  
Buprenorphin - 2.5 - 50

Panel 2

Levamisole - 5 - 500  
Metoprolol - 5 - 250  
Ondansetron - 5 - 250  
Mirtazapine - 5 - 250  
Maprotiline - 5 - 500  
Chlordiazepoxide - 5 - 500  
Phenazepam - 5 - 500  
Phenytoin - 5 - 250  
Amoxapine - 10 - 500  
Norpropoxyphene - 5 - 500

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Toxicology AM method 28 panel 1 external prep information

Working Solution 10000 ng/ml in MeOH trazodone, ketamine, morphine, quetiapine

Stock Solution 1mg/ml 100 ul each in 9600 ul MeOH (Fisher Lot # 172516)

Prepared: 12/12/17

Expires: ~~06/12/17~~

By: TNS

06/12/18

TS

Drug	Lot	Expiration
Trazodone	FN12151403	1/1/2020
Ketamine	FE01131504	2/1/2020
Morphine	FE08141515	11/1/2020
Quetiapine	FN02021502	2/1/2020

AM 28 control 50 ul working solution lot (WS121217) in 9950ul blood (Hemostat Lot# 361331-2)

Prepared: 12/12/17

Expires: ~~06/12/17~~

By: TNS

06/12/18

TS

# ISP FORENSICS - Pocatello Instrument # 59740

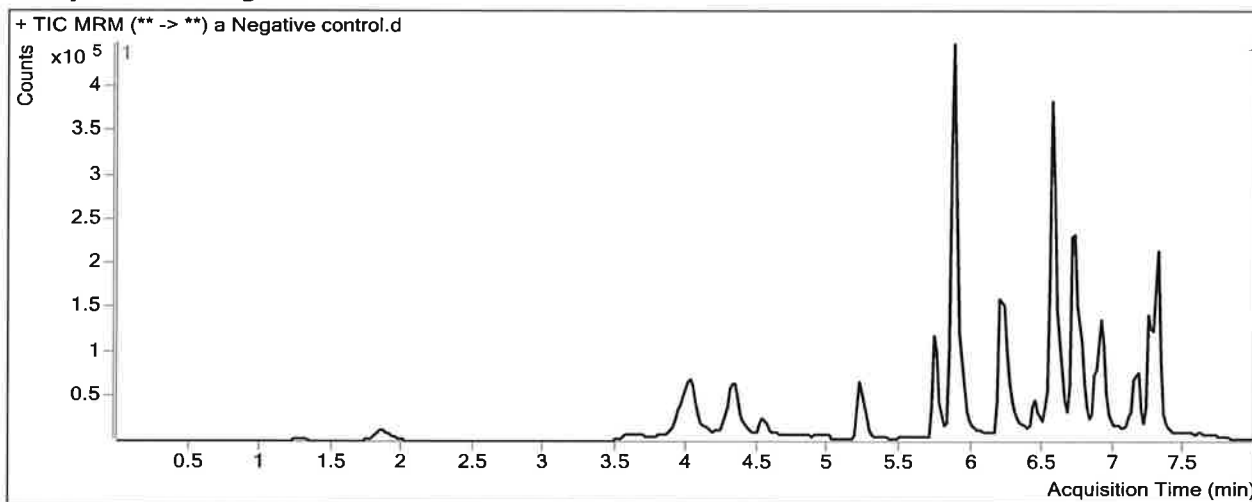
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.t  
**Analysis Time** 1/22/2018 9:16 AM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:21 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/22/2018 9:16 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 23:06 **Data File** a Negative control.d  
**Sample Type** Sample **Sample Name** a Negative control  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.m  
**Position** P1-F2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Amphetamine	Amphetamine-D11	4.083	39596	134895	0.2935	0.9935 < 5
Promethazine	Promethazine-D3	7.126	5106	57357	0.0890	4.9416 < 5

# ISP FORENSICS - Pocatello Instrument # 59740

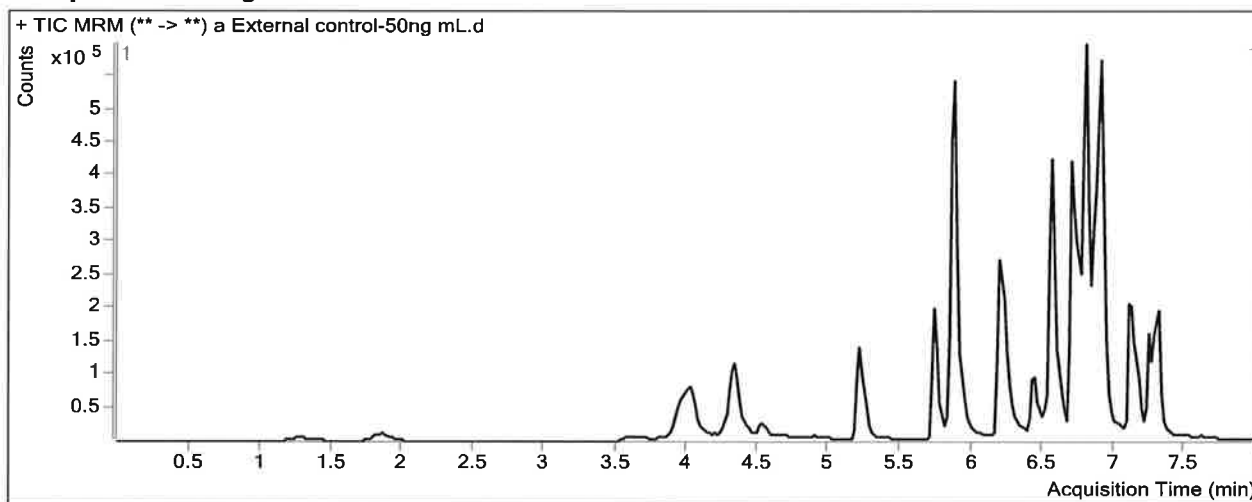
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.t  
**Analysis Time** 1/22/2018 9:16 AM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:21 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/22/2018 9:16 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 23:37 **Data File** a External control-50ng mL.d  
**Sample Type** Sample **Sample Name** a External control-50ng mL  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.m  
**Position** P1-E2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28; WS121217 50 ng trazodone, ketamine, morphine, quetiapine

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.288	27269	17787	1.5331	45.3678
Amphetamine	Amphetamine-D11	4.083	40843	287285	0.1422	0.0000
Trazodone	Trazodone-D6	6.794	827424	582574	1.4203	50.9442
Promethazine	Promethazine-D3	7.126	5916	619367	0.0096	2.0518 <span style="float: right;">LS</span>

# ISP FORENSICS - Pocatello Instrument # 59740

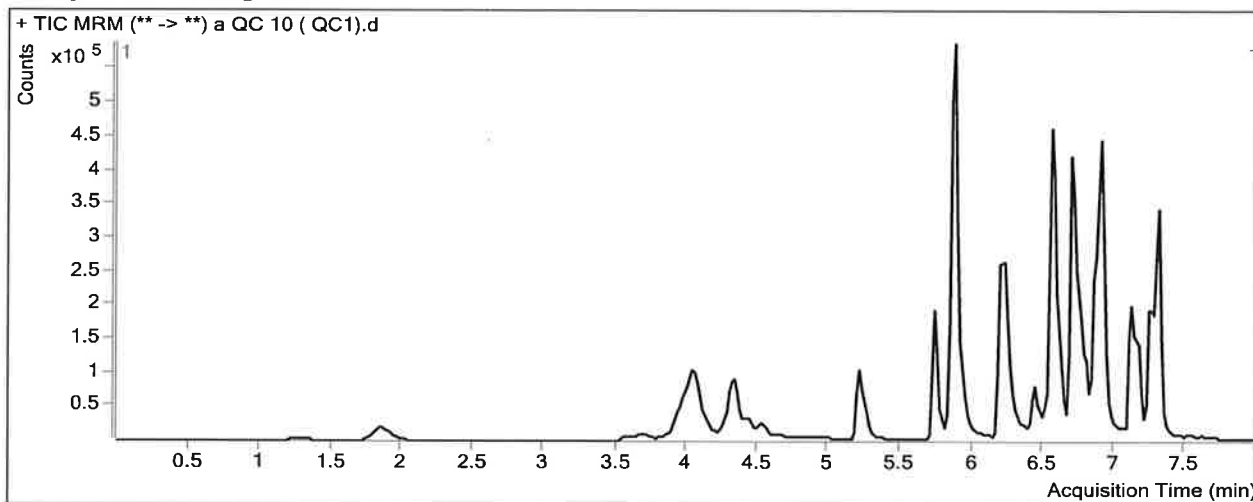
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.t  
**Analysis Time** 1/22/2018 9:16 AM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:21 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/22/2018 9:16 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-10 00:40 **Data File** a QC 10 ( QC1).d  
**Sample Type** QC **Sample Name** a QC 10 ( QC1)  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.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	1.288	6195	20975	0.2953	10.4055
Hydromorphone	Hydromorphone-D6	1.889	28441	97206	0.2926	10.0336
Codeine	Codeine-D6	3.712	11433	53835	0.2124	10.0073
Oxycodone	Oxycodone-D6	4.046	95248	366477	0.2599	9.6094
Amphetamine	Amphetamine-D11	4.083	175439	209852	0.8360	9.6683
Hydrocodone	Hydrocodone-D6	4.331	31335	195104	0.1606	9.3877
<del>Norhydrocodone</del>	<del>Norhydrocodone-D3</del>	<del>4.375</del>	<del>1462</del>	<del>40483</del>	<del>0.0361</del>	<del>19.8324</del>
Methamphetamine	Methamphetamine-D11	4.439	72458	242361	0.2990	9.5876
<del>6-MAM</del>	<del>6-MAM-D6</del>	<del>4.547</del>	<del>1101</del>	<del>46592</del>	<del>0.0236</del>	<del>3.2767</del>
Phentermine	Phentermine-D5	5.261	42832	401758	0.1066	9.1967
Dextrophan	Dextrophan-D3	5.740	46207	471421	0.0980	9.4126
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	89334	341685	0.2615	9.6594
Tramadol	Tramadol-13C-D3	5.876	288303	1399700	0.2060	10.2681
Doxylamine	Doxylamine-D5	6.220	221377	922964	0.2399	9.6090
Bupropion	Bupropion-D9	6.448	45697	184803	0.2473	9.4751
Meprobamate	Meprobamate-D7	6.551	28537	106149	0.2688	9.2227
Zolpidem	Zolpidem-D6	6.576	289436	1386068	0.2088	10.4481
Venlafaxine	Venlafaxine-D6	6.701	233627	978305	0.2388	10.6351
Trazodone	Trazodone-D6	6.794	100362	376517	0.2666	10.0170
Citalopram	Citalopram-D6	6.856	89171	416680	0.2140	10.1701

Not evaluated

★ Outside range of curve ★

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

QC 10

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	28440	109871	0.2588	9.7258
Diphenhydramine	Diphenhydramine-D3	6.910	137366	771816	0.1780	10.1721
Promethazine	Promethazine-D3	7.126	108412	414002	0.2619	11.2263
Clonazepam	Clonazepam-D4	7.162	101132	94858	1.0661	10.8060
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	16047	84567	0.1898	10.1491
Carisoprodol	Carisoprodol-D7	7.272	71515	295834	0.2417	9.9530
Lorazepam	Alprazolam-D5	7.282	29973	474945	0.0631	10.6614
Alprazolam	Alprazolam-D5	7.305	157191	474945	0.3310	9.9146



# ISP FORENSICS - Pocatello Instrument # 59740

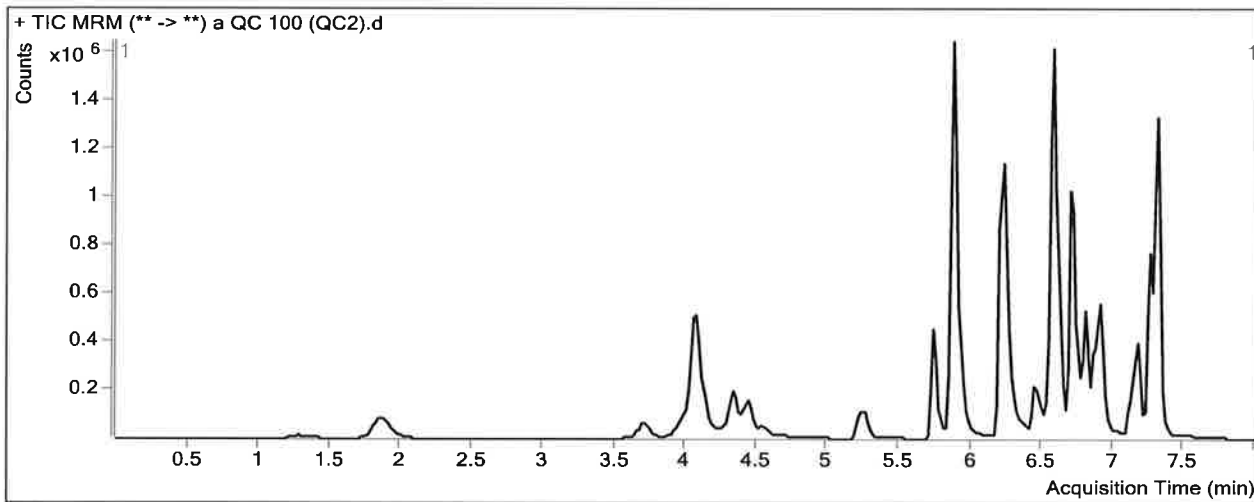
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.i  
**Analysis Time** 1/22/2018 9:16 AM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:22 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/22/2018 9:16 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-01-10 02:46 **Data File** a QC 100 (QC2).d  
**Sample Type** QC **Sample Name** a QC 100 (QC2)  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.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	1.288	66695	21158	3.1523	91.1048
Hydromorphone	Hydromorphone-D6	1.889	311580	98951	3.1489	100.8161
Codeine	Codeine-D6	3.712	119635	53176	2.2498	86.9415
Oxycodone	Oxycodone-D6	4.046	1015701	356560	2.8486	99.0518
Amphetamine	Amphetamine-D11	4.083	991067	151511	6.5412	100.9000
Hydrocodone	Hydrocodone-D6	4.331	321020	192762	1.6654	100.3976
Norhydrocodone	Norhydrocodone-D3	4.375	17712	34236	0.5173	99.5619
Methamphetamine	Methamphetamine-D11	4.439	476051	164745	2.8896	90.5649
<del>6-MAM</del>	<del>6-MAM-D6</del>	<del>4.547</del>	<del>9026</del>	<del>50971</del>	<del>0.1771</del>	<del>8.0770</del> <i>Not evaluated</i>
Phentermine	Phentermine-D5	5.261	317760	286674	1.1084	103.9172
Dextrophan	Dextrophan-D3	5.740	414674	367583	1.1281	99.9296
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	839022	305986	2.7420	105.6166
Tramadol	Tramadol-13C-D3	5.876	2799541	1356924	2.0632	100.1510
Doxylamine	Doxylamine-D5	6.220	2066861	825629	2.5034	96.9821
Bupropion	Bupropion-D9	6.468	360194	121431	2.9662	103.3912
Meprobamate	Meprobamate-D7	6.551	259658	93138	2.7879	112.9804
Zolpidem	Zolpidem-D6	6.576	3064054	1452796	2.1091	100.2610
Venlafaxine	Venlafaxine-D6	6.701	1913457	797063	2.4006	95.8843
Trazodone	Trazodone-D6	6.794	707033	240103	2.9447	105.0206
Citalopram	Citalopram-D6	6.856	348340	172200	2.0229	88.6299

TS

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

*QC 100*

<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>
Dextromethorphan	Dextromethorphan-D3	6.907	102481	37571	2.7277	100.9202
Diphenhydramine	Diphenhydramine-D3	6.910	595434	335736	1.7735	96.7984
Promethazine	Promethazine-D3	7.126	256515	97986	2.6179	96.8956
Clonazepam	Clonazepam-D4	7.162	754981	73583	10.2603	107.4614
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	160890	72595	2.2163	91.2554
Carisoprodol	Carisoprodol-D7	7.272	640920	265691	2.4123	92.8818
Lorazepam	Alprazolam-D5	7.282	229206	438350	0.5229	100.9176
Alprazolam	Alprazolam-D5	7.305	1516033	438350	3.4585	99.2036

TS

# ISP FORENSICS - Pocatello Instrument # 59740

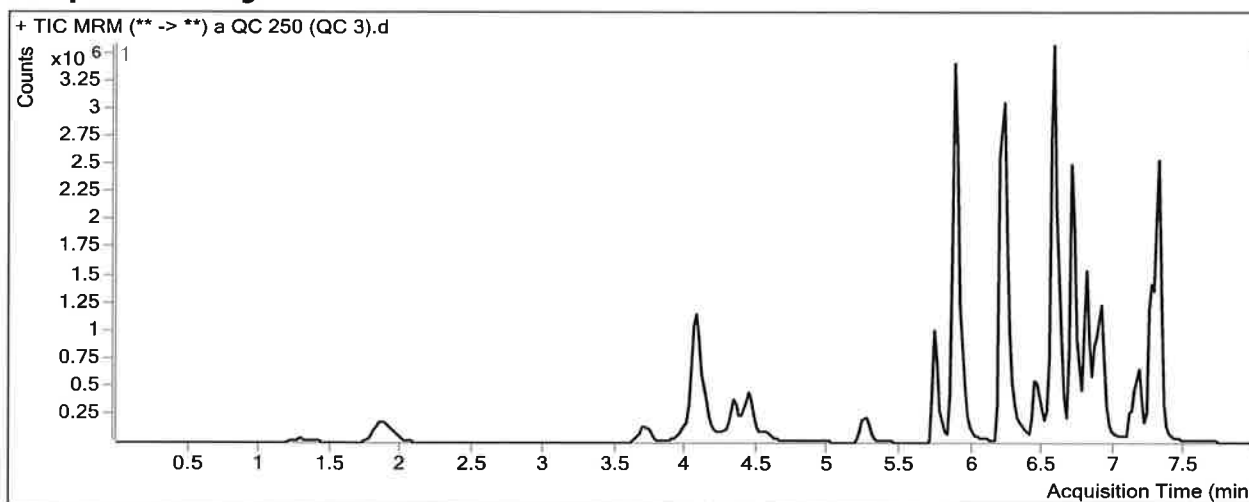
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.t  
**Analysis Time** 1/22/2018 9:16 AM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:23 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/22/2018 9:16 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-10 06:11 **Data File** a QC 250 (QC 3).d  
**Sample Type** QC **Sample Name** a QC 250 (QC 3)  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.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	1.308	164850	19946	8.2650	235.5198
Hydromorphone	Hydromorphone-D6	1.889	778042	96696	8.0462	256.4729
Codeine	Codeine-D6	3.712	277889	47739	5.8210	221.7877
Oxycodone	Oxycodone-D6	4.046	2398691	338201	7.0925	245.6823
Amphetamine	Amphetamine-D11	4.083	2252120	147265	15.2929	240.8480
Hydrocodone	Hydrocodone-D6	4.331	791520	187847	4.2136	254.5193
Norhydrocodone	Norhydrocodone-D3	4.375	46738	31149	1.5004	262.4368
Methamphetamine	Methamphetamine-D11	4.439	1355083	188885	7.1741	224.4865
<del>6-MAM</del>	<del>6-MAM-D6</del>	<del>4.547</del>	<del>26033</del>	<del>51320</del>	<del>0.5073</del>	<del>18.4054</del>
Phentermine	Phentermine-D5	5.261	734988	283105	2.5962	244.5786
Dextroprphan	Dextroprphan-D3	5.740	1097940	377907	2.9053	256.0971
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	1914008	305268	6.2699	242.0884
Tramadol	Tramadol-13C-D3	5.876	7226882	1415603	5.1052	247.3770
Doxylamine	Doxylamine-D5	6.220	5739023	899320	6.3815	246.6803
Bupropion	Bupropion-D9	6.448	916797	123932	7.3976	256.4553
Meprobamate	Meprobamate-D7	6.551	583190	92648	6.2947	257.4246
Zolpidem	Zolpidem-D6	6.576	7584074	1477993	5.1313	243.1039
Venlafaxine	Venlafaxine-D6	6.701	5187881	850211	6.1019	241.8384
Trazodone	Trazodone-D6	6.794	2116271	287778	7.3538	261.4280
Citalopram	Citalopram-D6	6.856	1023115	189332	5.4038	235.2782

Not evaluated

TS

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

QC 250

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	255169	40576	6.2887	232.4586
Diphenhydramine	Diphenhydramine-D3	6.910	1692151	369608	4.5782	249.0736
Promethazine	Promethazine-D3	7.126	557185	80034	6.9619	254.8519
Clonazepam	Clonazepam-D4	7.162	1375258	50983	26.9748	283.1749
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	330217	63653	5.1878	210.1835
Carisoprodol	Carisoprodol-D7	7.272	1321195	249783	5.2894	202.8059
Lorazepam	Alprazolam-D5	7.282	410625	372686	1.1018	214.5617
Alprazolam	Alprazolam-D5	7.305	3260204	372686	8.7479	250.2114

# ISP FORENSICS - Pocatello Instrument # 59740

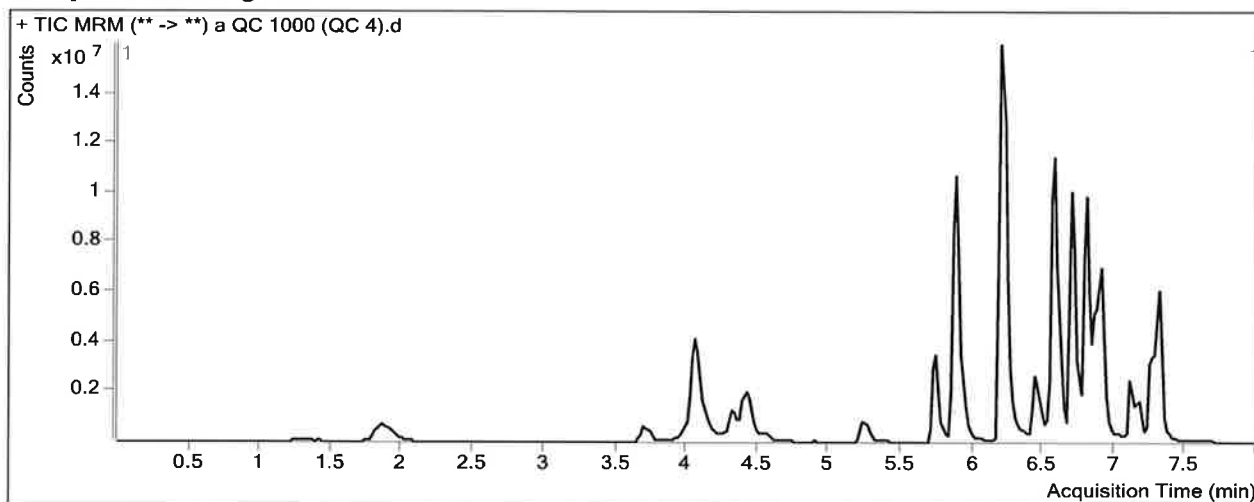
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.t  
**Analysis Time** 1/22/2018 9:16 AM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:23 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/22/2018 9:16 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-10 08:32 **Data File** a QC 1000 (QC 4).d  
**Sample Type** QC **Sample Name** a QC 1000 (QC 4)  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.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	1.288	620984	16236	38.2476	1082.4231
Hydromorphone	Hydromorphone-D6	1.869	2950023	88396	33.3728	1061.4418
Codeine	Codeine-D6	3.692	903329	38676	23.3562	883.9193
Oxycodone	Oxycodone-D6	4.046	9367975	324637	28.8568	997.6577
<del>Amphetamine</del>	<del>Amphetamine-D11</del>	<del>4.063</del>	<del>7761113</del>	<del>159216</del>	<del>48.7457</del>	<del>775.7898</del> ★
Hydrocodone	Hydrocodone-D6	4.311	3021298	188158	16.0572	970.8335
Norhydrocodone	Norhydrocodone-D3	4.355	164623	27270	6.0367	1013.9817
Methamphetamine	Methamphetamine-D11	4.419	6611855	206123	32.0773	1002.8929
<del>6-MAM</del>	<del>6-MAM-D6</del>	<del>4.547</del>	<del>132953</del>	<del>46811</del>	<del>2.8402</del>	<del>91.3833</del> Not evaluated
Phentermine	Phentermine-D5	5.241	3069524	340646	9.0109	851.0774
Dextroprphan	Dextroprphan-D3	5.740	4561129	395336	11.5374	1014.6157
<del>7-aminoclonazepam</del>	<del>7-Aminoclonazepam-D4</del>	<del>5.851</del>	<del>5116378</del>	<del>238510</del>	<del>21.4515</del>	<del>829.3641</del> ★
Tramadol	Tramadol-13C-D3	5.876	29972100	1496665	20.0259	969.5059
Doxylamine	Doxylamine-D5	6.200	28085692	1051733	26.7042	1031.1469
Bupropion	Bupropion-D9	6.448	4021379	161581	24.8877	860.5863
Meprobamate	Meprobamate-D7	6.551	1651450	75298	21.9322	901.5246
Zolpidem	Zolpidem-D6	6.576	27013496	1344735	20.0883	950.0262
Venlafaxine	Venlafaxine-D6	6.701	24819922	996576	24.9052	983.3255
Trazodone	Trazodone-D6	6.794	13825710	504916	27.3822	971.9062
Citalopram	Citalopram-D6	6.856	6361459	285834	22.2558	966.2309

★ Outside Curve Range ★

TS

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

*qc 1000*

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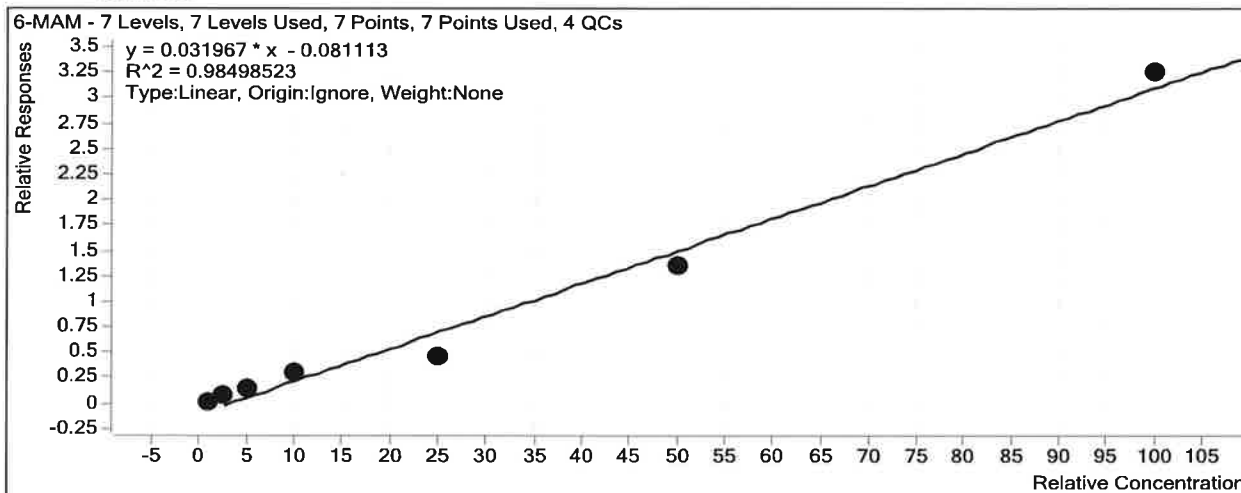
<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Dextromethorphan	Dextromethorphan-D3	6.887	1717084	73705	23.2966	860.6963
Diphenhydramine	Diphenhydramine-D3	6.910	9940813	581822	17.0857	928.1363
Promethazine	Promethazine-D3	7.105	5406663	197276	27.4066	998.2603
Clonazepam	Clonazepam-D4	7.162	2833411	28354	99.9294	1050.1227
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	912497	40200	22.6987	911.0188
Carisoprodol	Carisoprodol-D7	7.272	3261308	150597	21.6558	828.1114
Lorazepam	Alprazolam-D5	7.282	1173651	241101	4.8679	953.8626
Alprazolam	Alprazolam-D5	7.305	8762688	241101	36.3445	1038.0779

# ISP Forensics Calibration Curve Report

13

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



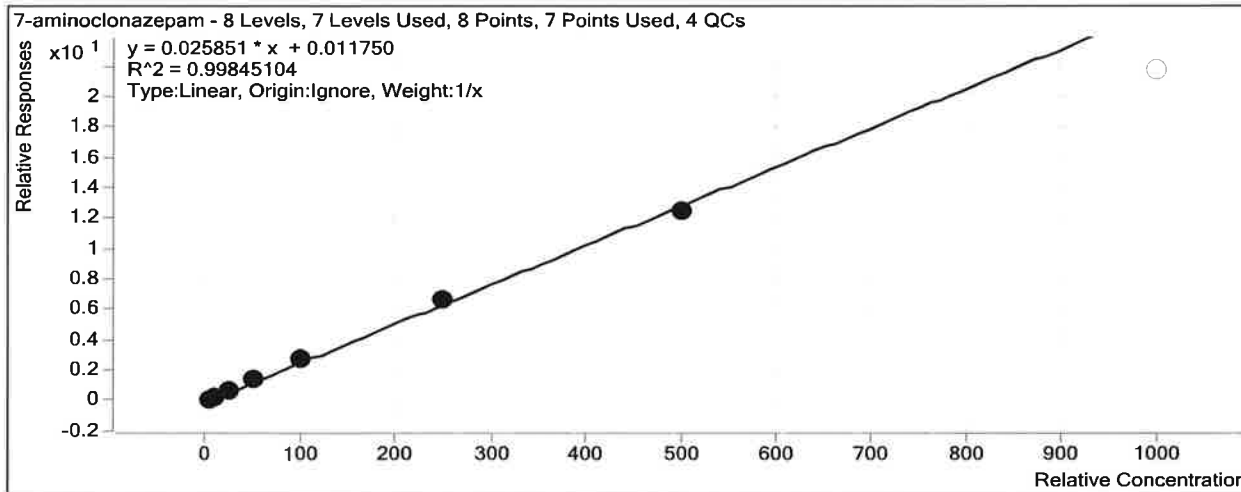
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	0.5	0.0	0.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	1	3.3	328.3
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	1	3.3	327.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	4.9	197.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	5	7.2	143.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	10	11.8	118.1
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	8.1	80.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	25	17.3	69.3
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	18.4	73.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	50	44.9	89.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	104.1	104.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	100	91.4	91.4

• Compound not evaluated

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 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	1	<input checked="" type="checkbox"/>	5	4.5	90.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.4
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.7	96.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.6	107.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.7	103.7
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	105.6	105.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.4	103.4
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	242.1	96.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	484.5	96.9
a cal 8-1000ng	8	<input type="checkbox"/>	1000	839.7	84.0
<del>a QC 1000 (QC 4)</del>	<del>8</del>	<del><input checked="" type="checkbox"/></del>	<del>1000</del>	<del>829.4</del>	<del>82.9</del>

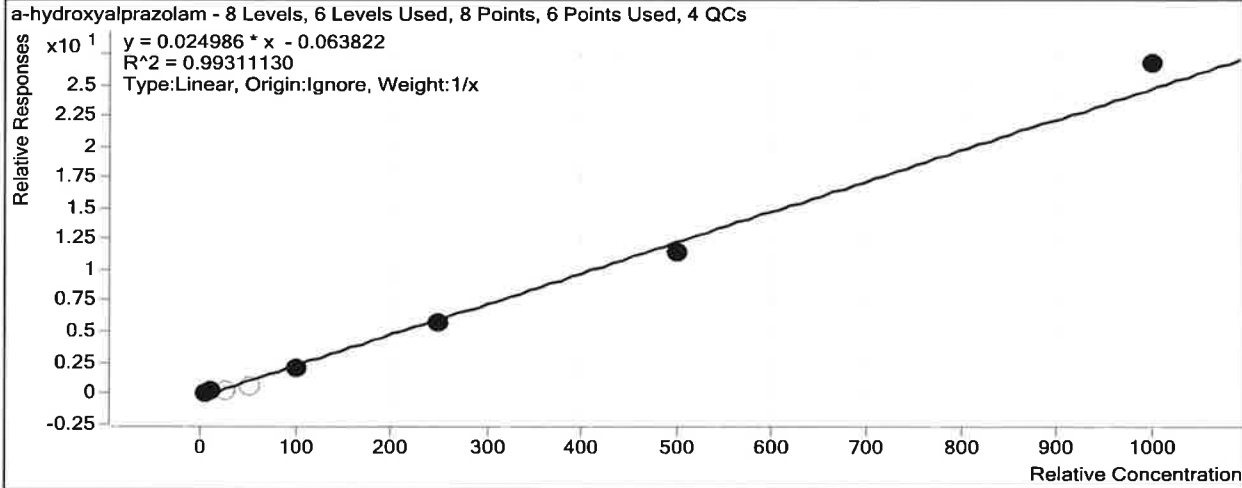
*Outside curve range*



# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



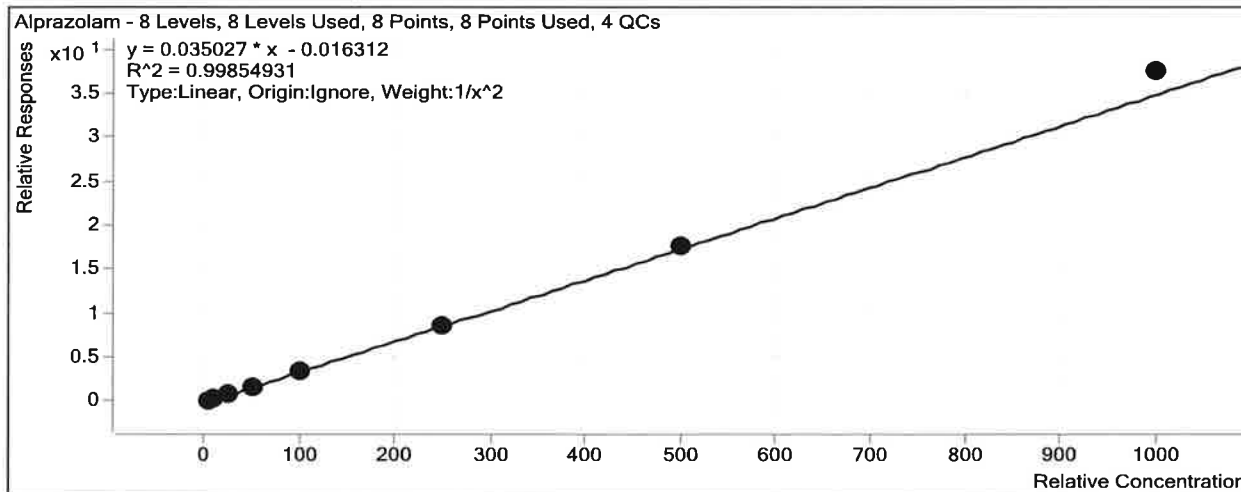
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.9	117.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.7
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.1	101.5
a cal 3-25ng	3	<input type="checkbox"/>	25	12.3	49.4 --peak top cut-off
a cal 4-50ng	4	<input type="checkbox"/>	50	27.6	55.2 --peak top cut-off
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	87.4	87.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	91.3	91.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	230.1	92.0
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	210.2	84.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	458.3	91.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1073.0	107.3
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	911.0	91.1

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



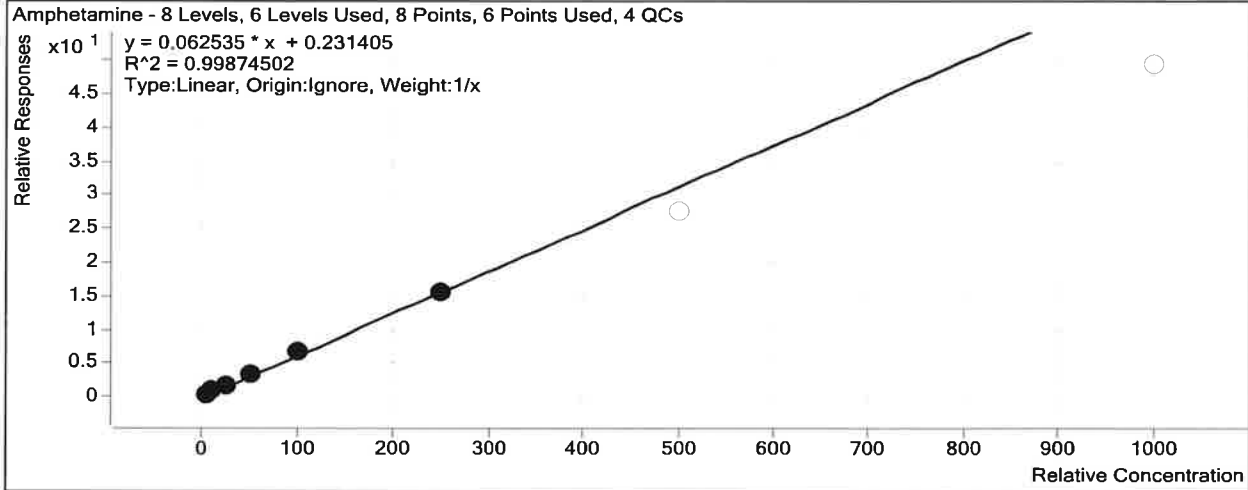
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.3
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.9	99.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.8	96.8
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.2	99.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.1	99.2
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	250.2	100.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	507.0	101.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1069.7	107.0
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1038.1	103.8

# ISP Forensics Calibration Curve Report

TB

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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

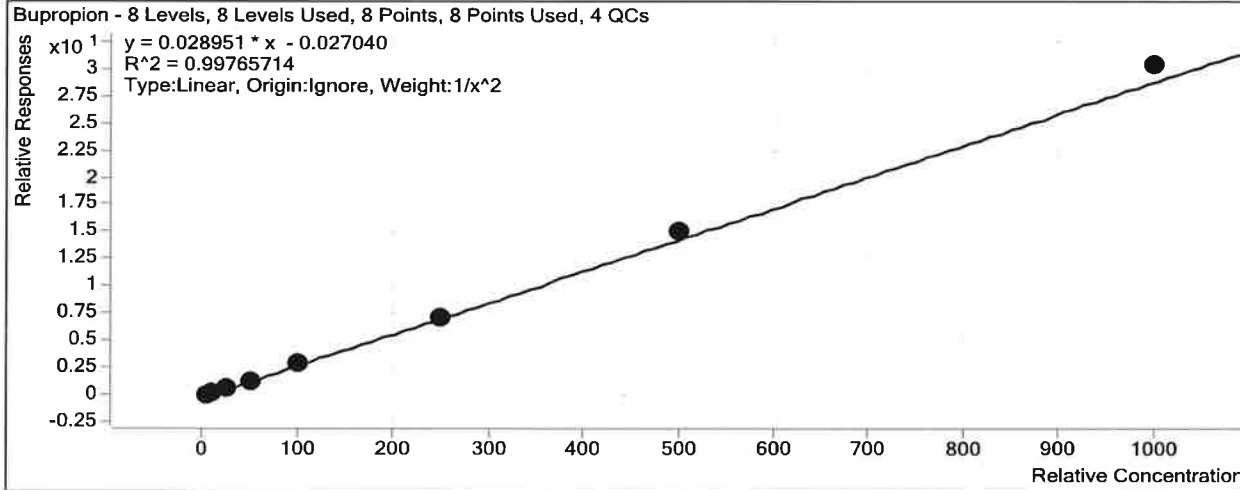


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.4	87.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.9
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.7	96.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.4	105.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.1	104.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.3	102.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.9	100.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.5	97.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	240.8	96.3
a cal 7-500ng	7	<input type="checkbox"/>	500	442.6	88.5
a cal 8-1000ng	8	<input type="checkbox"/>	1000	784.0	78.4
<del>a QC 1000 (QC 4)</del>	<del>8</del>	<del><input checked="" type="checkbox"/></del>	<del>1000</del>	<del>775.8</del>	<del>77.6</del> outside curve range

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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

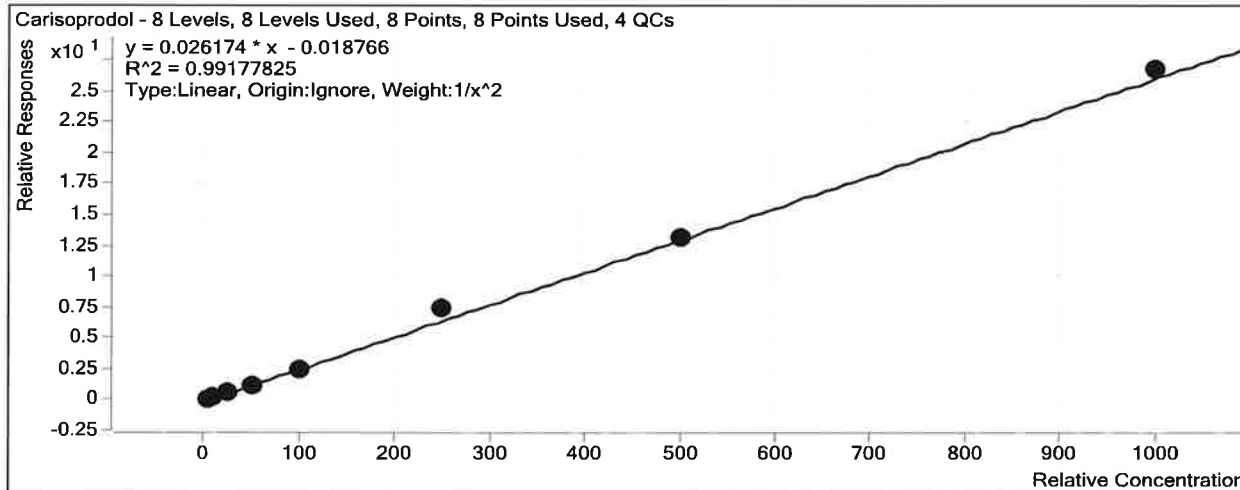


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.7
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.5	94.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.8	91.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.2	100.2
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	103.4	103.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.5	100.2
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	256.5	102.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	520.9	104.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1046.7	104.7
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	860.6	86.1

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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

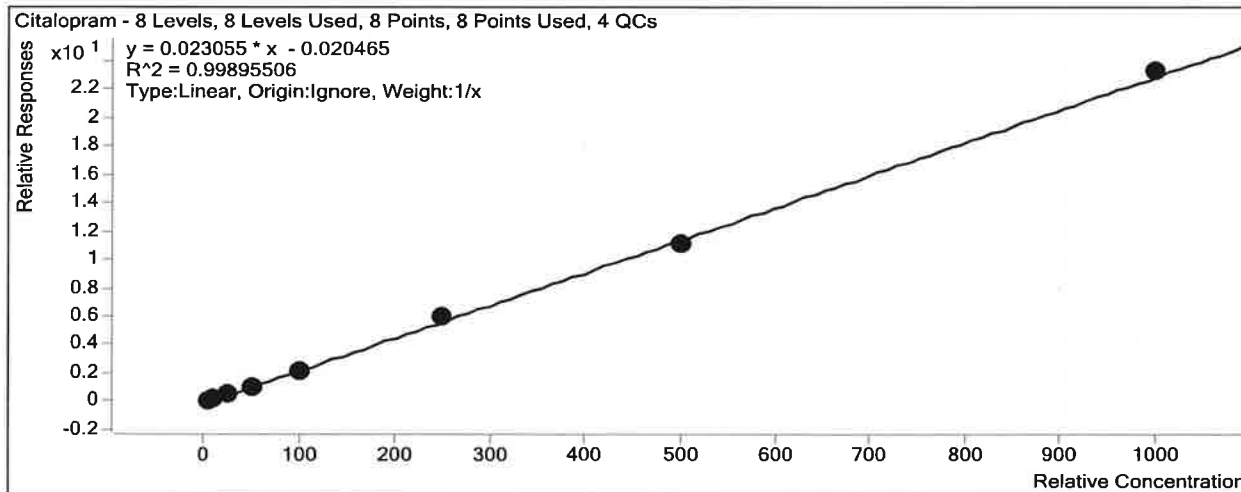


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.4
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.0	99.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.0	103.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.5	90.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	90.4	90.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	92.9	92.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	285.5	114.2
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	202.8	81.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.5	100.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1022.1	102.2
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	828.1	82.8

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



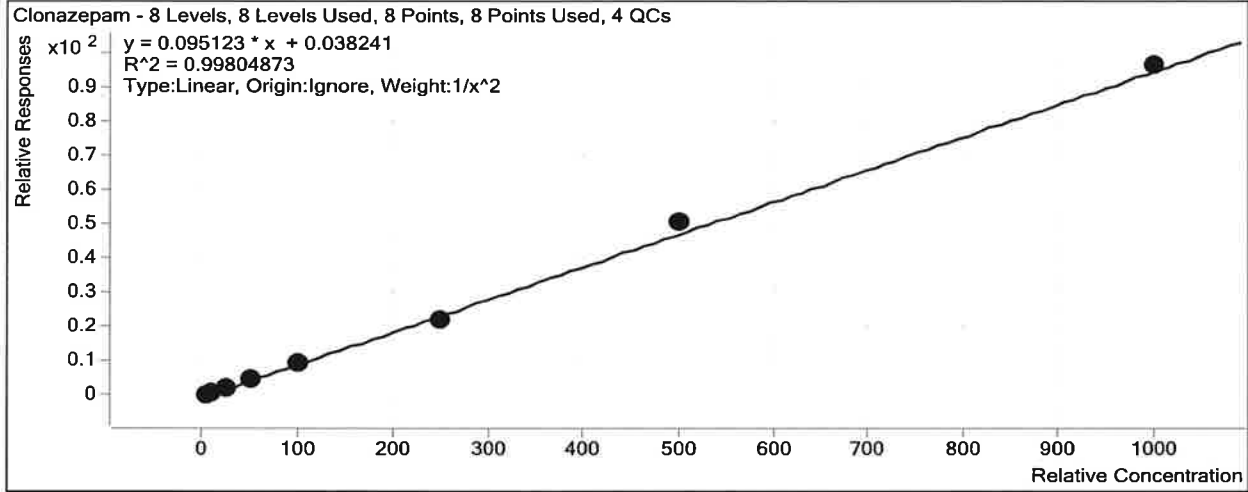
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.6	111.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.2
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.2	101.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.0	90.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.1	96.1
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	88.6	88.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	261.8	104.7
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	235.3	94.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	485.1	97.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1011.4	101.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	966.2	96.6

TS

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



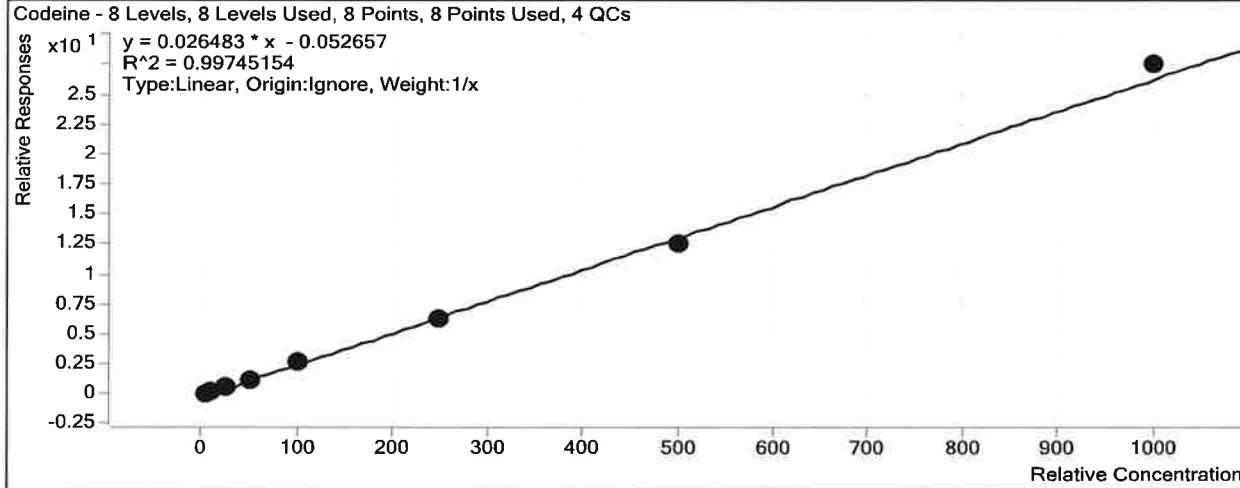
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.1
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.8	108.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.0	104.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.5	98.5
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	107.5	107.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	236.3	94.5
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	283.2	113.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	531.2	106.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1013.6	101.4
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1050.1	105.0

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



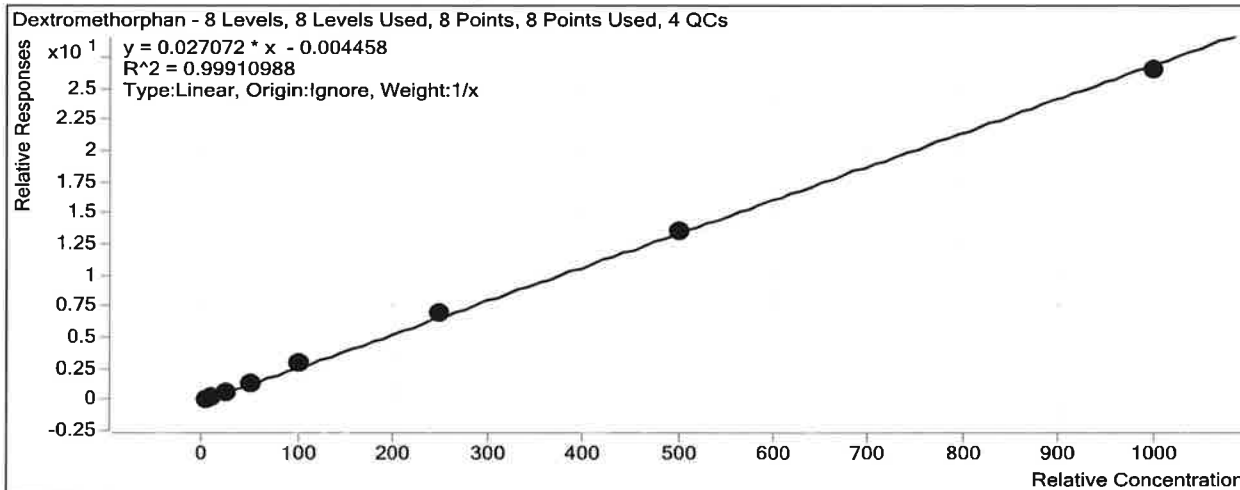
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.9	118.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	107.1
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.0	100.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.7	91.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	43.6	87.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.8	100.8
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	86.9	86.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	241.5	96.6
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	221.8	88.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	474.1	94.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1040.6	104.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	883.9	88.4



# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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

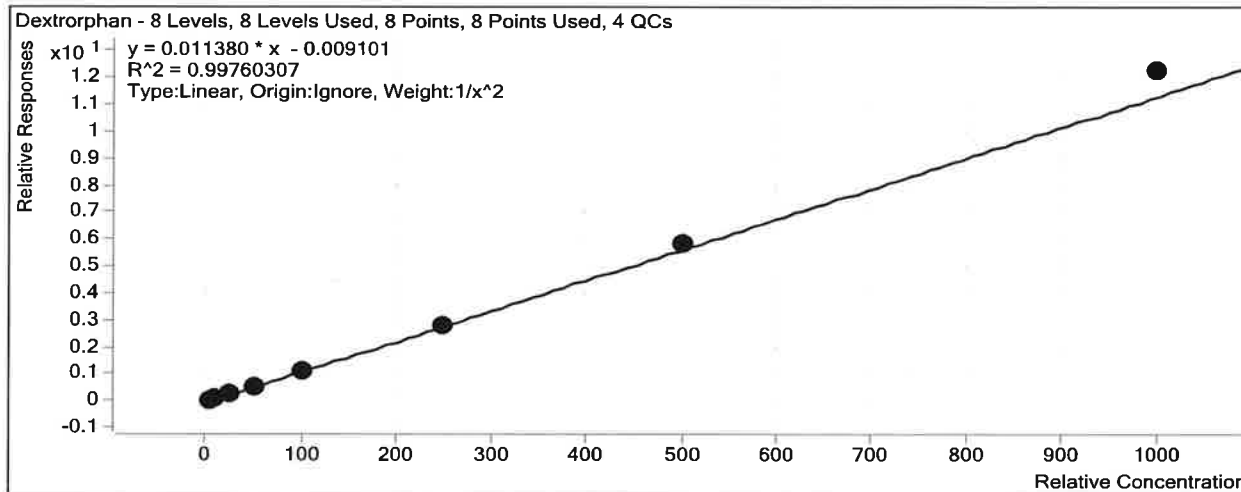


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.6
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.7	97.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.4	107.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.9	100.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.8	104.3
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	232.5	93.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.9	101.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	979.0	97.9
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	860.7	86.1

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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

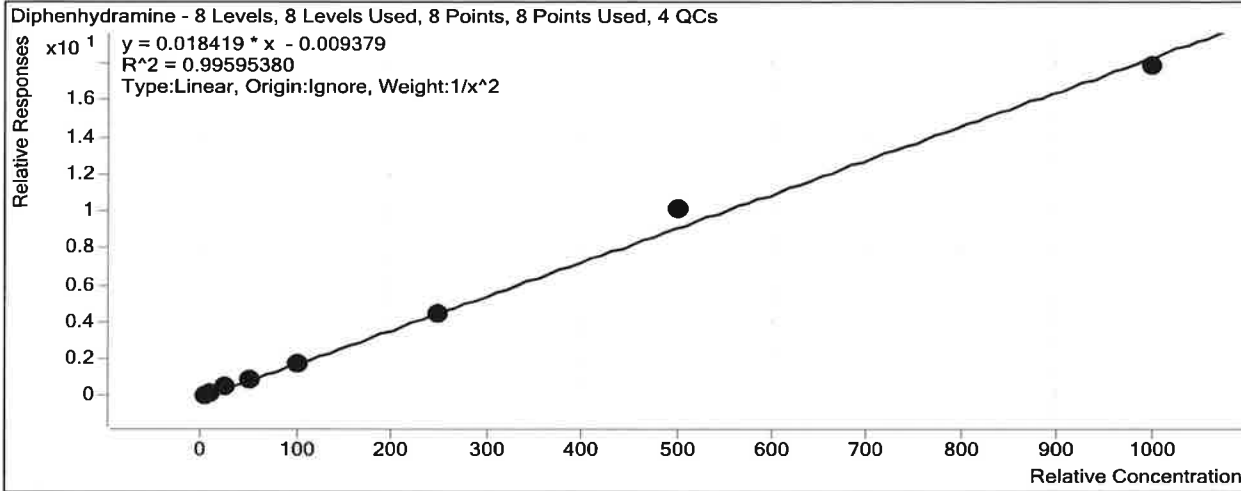


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.5
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.4	94.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.7	97.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.4	96.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.9	99.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.3	97.7
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	256.1	102.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	517.8	103.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1076.8	107.7
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1014.6	101.5

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



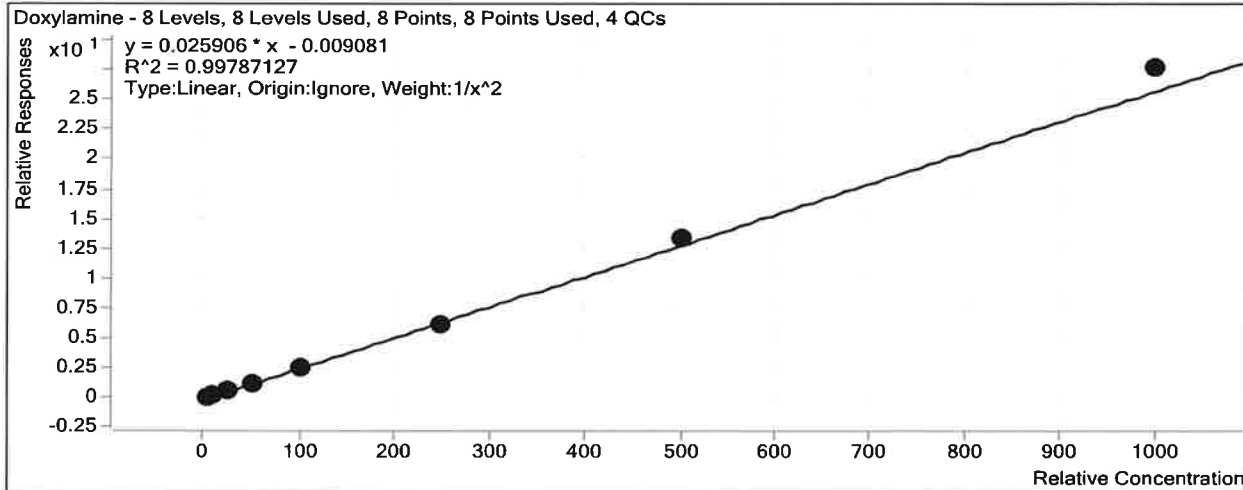
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.6
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.2	101.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.3	105.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.1	94.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.7	94.7
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	96.8	96.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.8	98.3
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	249.1	99.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	553.2	110.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	969.3	96.9
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	928.1	92.8

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# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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

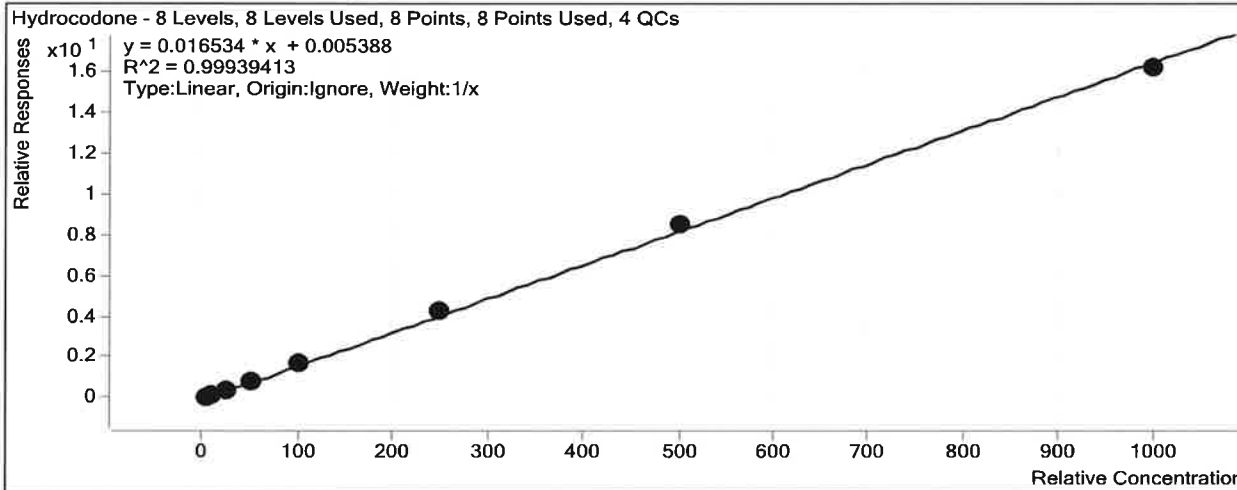


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.2
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.6	96.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.6	95.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.0	98.0
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	97.0	97.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	240.3	96.1
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	246.7	98.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	521.4	104.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1067.8	106.8
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1031.1	103.1

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



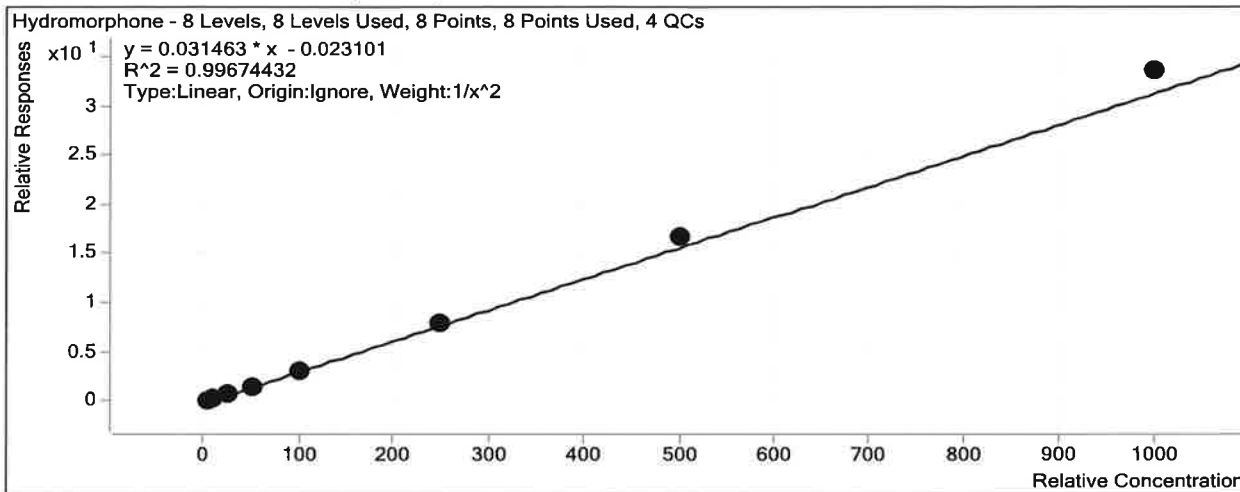
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.4
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.4	93.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.4	102.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.4	100.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.2	102.5
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	254.5	101.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	513.0	102.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	978.3	97.8
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	970.8	97.1

TS

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



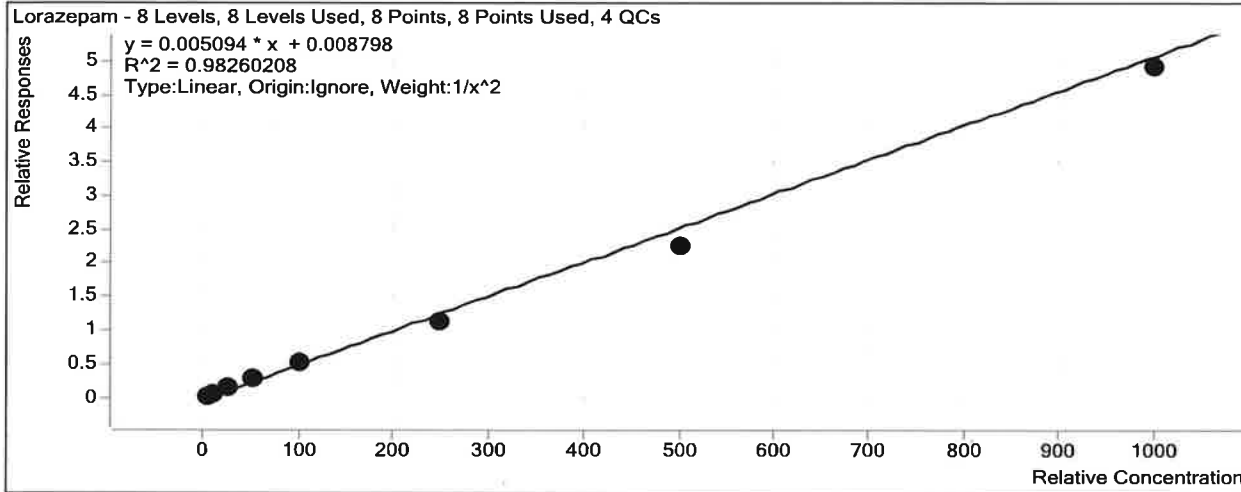
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.3
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.0	100.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.7	93.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.4	98.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.8	100.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.2	100.1
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	256.5	102.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	531.4	106.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1065.3	106.5
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1061.4	106.1

# ISP Forensics Calibration Curve Report

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**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



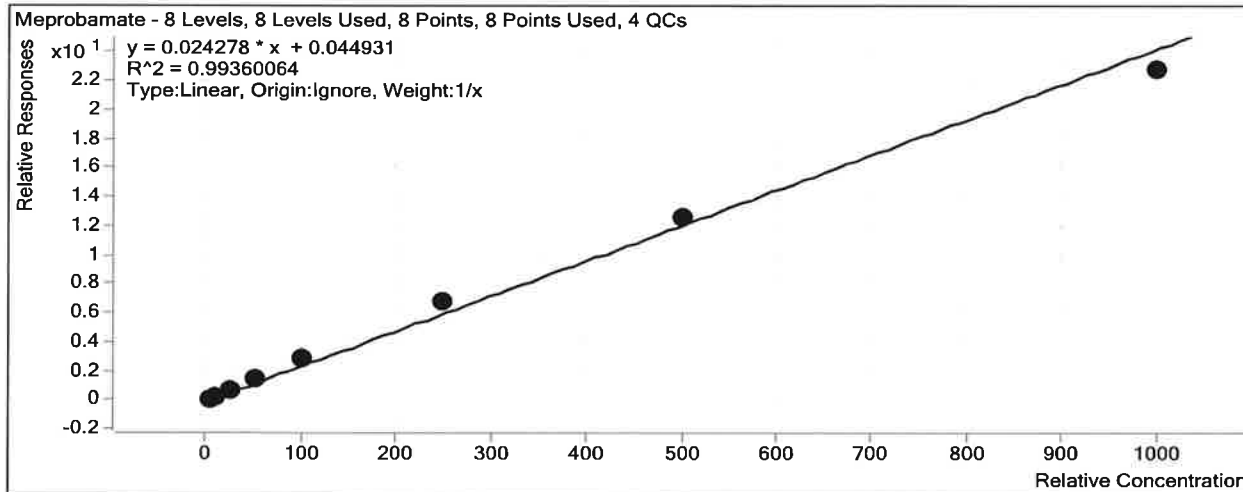
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.5	90.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.0	110.4
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.7	106.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	29.1	116.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	55.8	111.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.0	100.0
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.9	100.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	217.7	87.1
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	214.6	85.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	437.7	87.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	962.1	96.2
a QC 1000 (QC 4)	8	<input type="checkbox"/>	1000	953.9	95.4

# ISP Forensics Calibration Curve Report

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**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	3.5	70.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.6	86.1
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.2	92.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.3	109.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	56.1	112.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	114.9	114.9
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	113.0	113.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	275.6	110.2
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	257.4	103.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	519.0	103.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	935.0	93.5
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	901.5	90.2

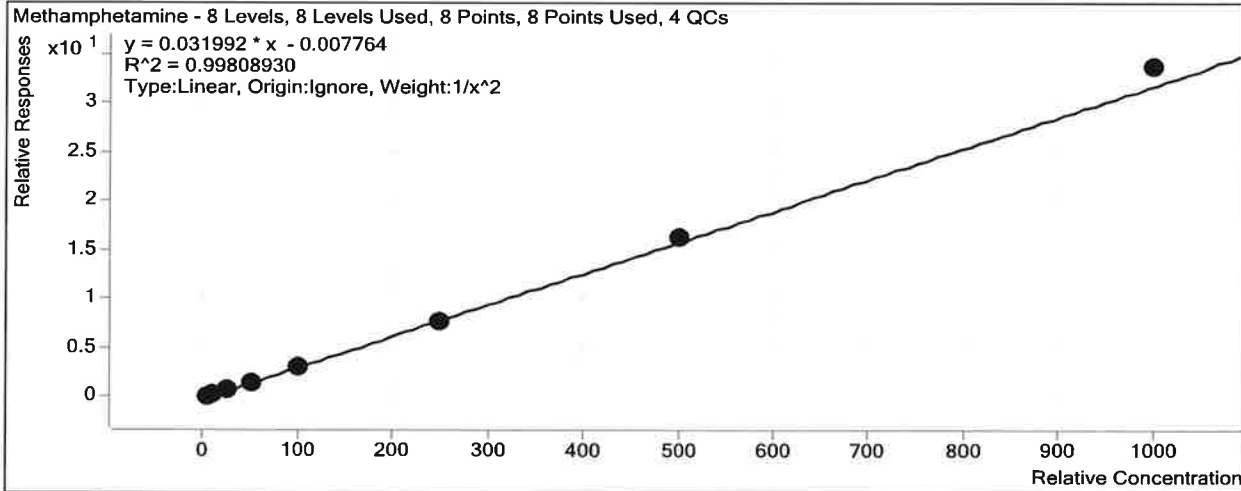


TS

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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

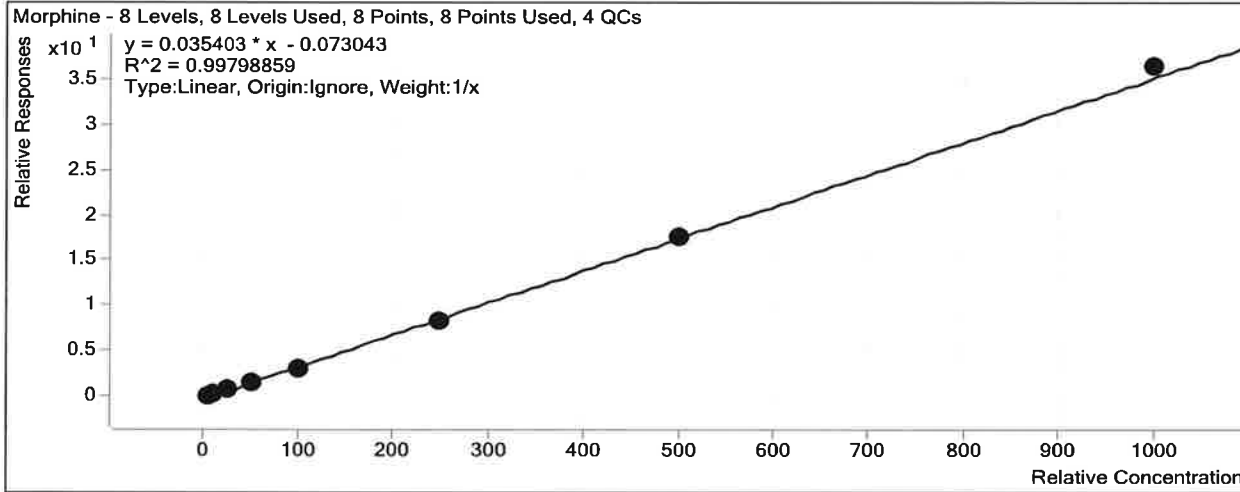


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	105.1
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.6	95.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.6	95.6
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	90.6	90.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.1	98.1
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	224.5	89.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	513.5	102.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1052.5	105.3
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1002.9	100.3

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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

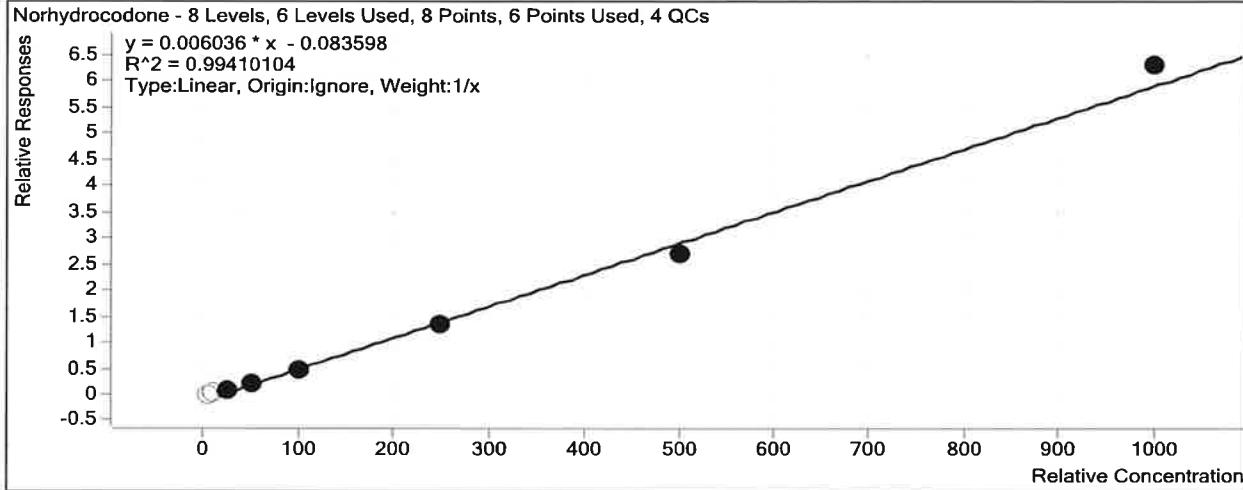


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.1	121.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	106.7
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.4	104.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.6	89.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	90.8	90.8
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	91.1	91.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	234.8	93.9
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	235.5	94.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	500.0	100.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1029.3	102.9
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1082.4	108.2

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	16.7	334.3
a cal 2-10ng	2	<input type="checkbox"/>	10	20.1	201.1
<del>a QC 10 (QC1)</del>	<del>2</del>	<del><input checked="" type="checkbox"/></del>	<del>10</del>	<del>19.8</del>	<del>198.3</del>
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	29.6	118.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	90.9	90.9
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.6	99.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	235.1	94.0
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	262.4	105.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	462.8	92.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1057.4	105.7
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1014.0	101.4

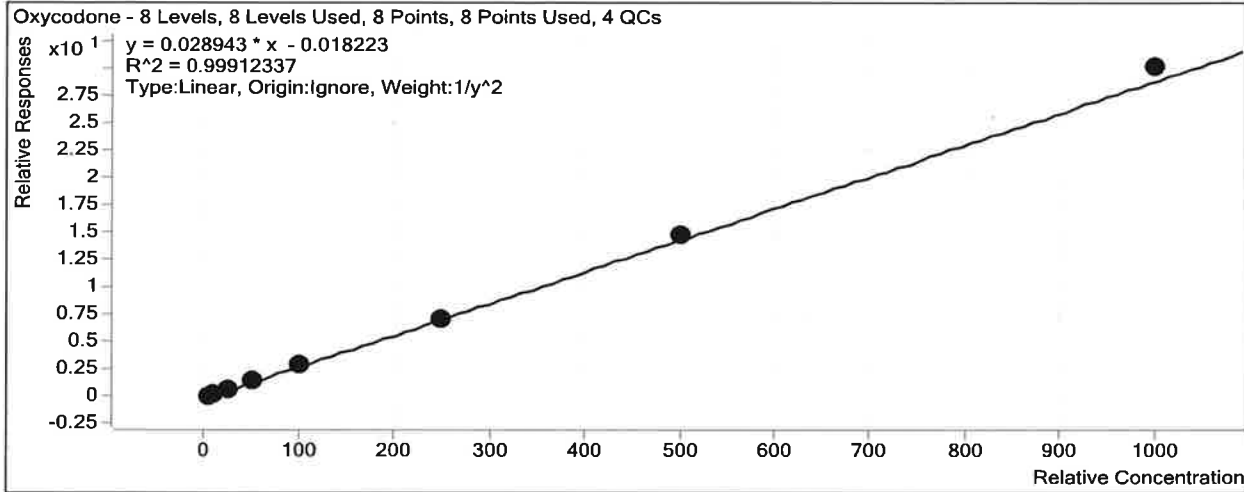
*Outside curve range*

TS

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



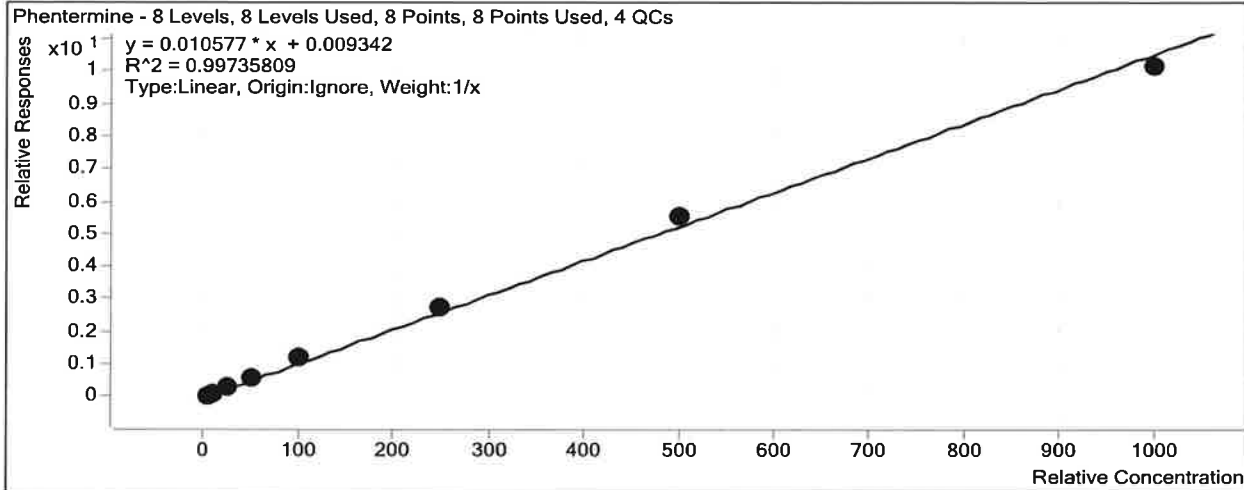
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.8
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.6	96.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	99.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.8	97.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.6	99.6
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.1	99.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.0	99.2
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	245.7	98.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	514.3	102.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1038.7	103.9
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	997.7	99.8

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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

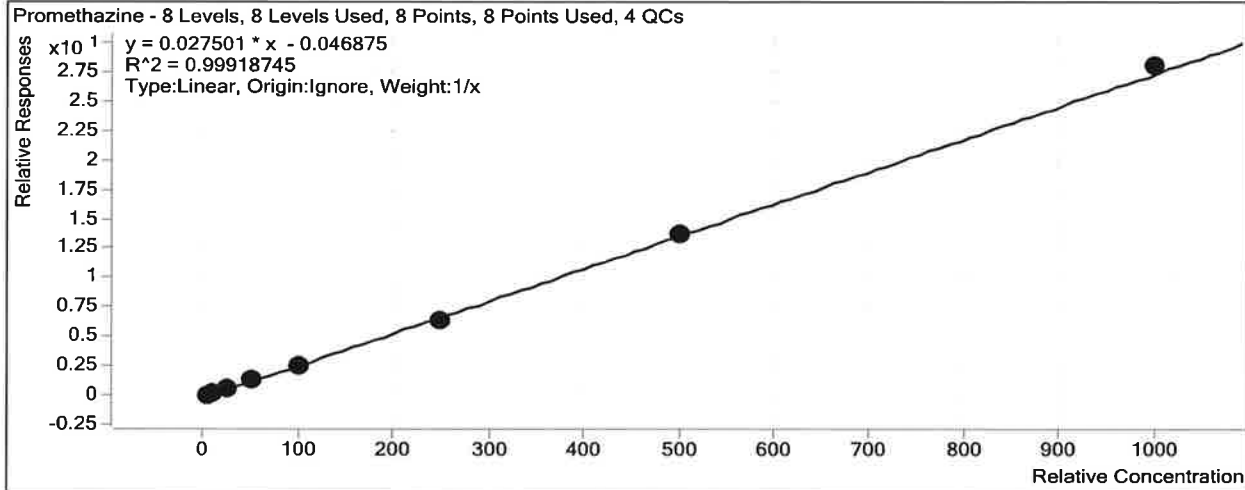


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.2	83.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.4
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.2	92.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.8	103.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	112.4	112.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	103.9	103.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.9	102.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	244.6	97.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	521.3	104.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	958.0	95.8
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	851.1	85.1

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



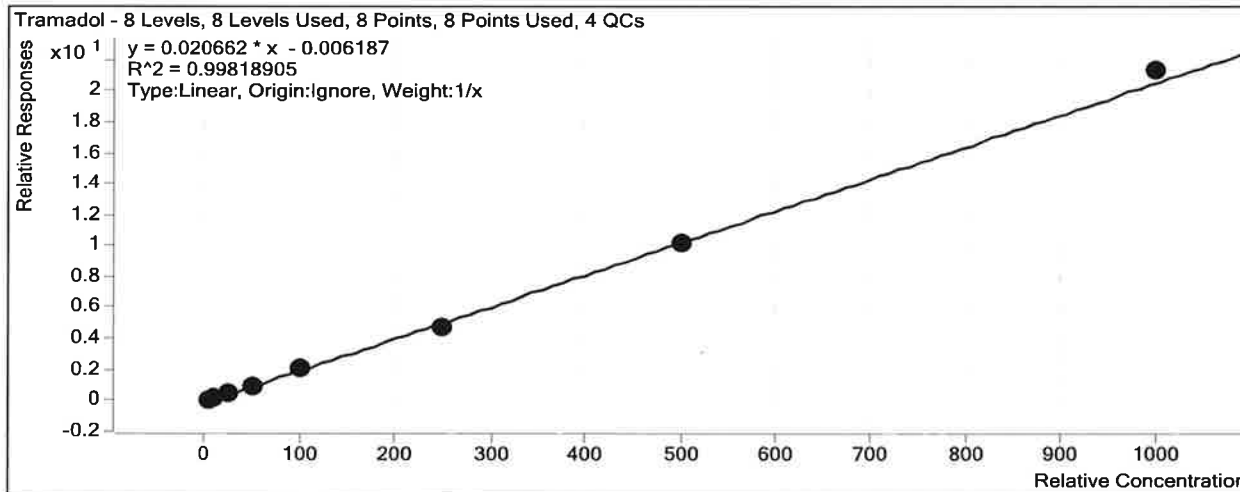
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.6	112.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.7
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	11.2	112.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.2	98.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.3	95.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	96.9	96.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	236.2	94.5
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	254.9	101.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	500.7	100.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1018.6	101.9
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	998.3	99.8

TS

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



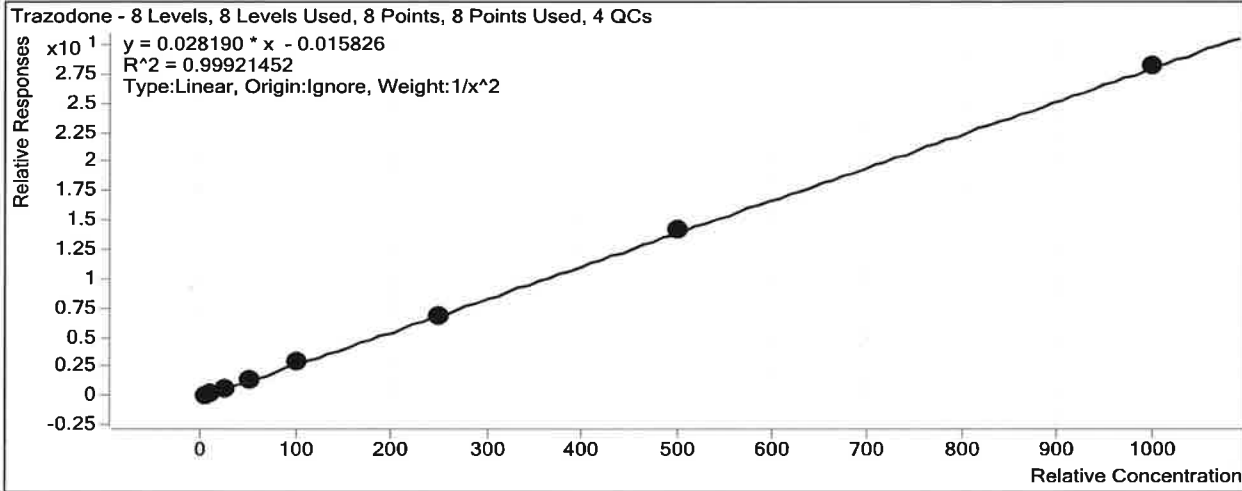
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.3
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.3	102.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.1	94.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.7	100.7
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.2	100.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	228.7	91.5
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	247.4	99.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	490.7	98.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1031.6	103.2
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	969.5	97.0

TS

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



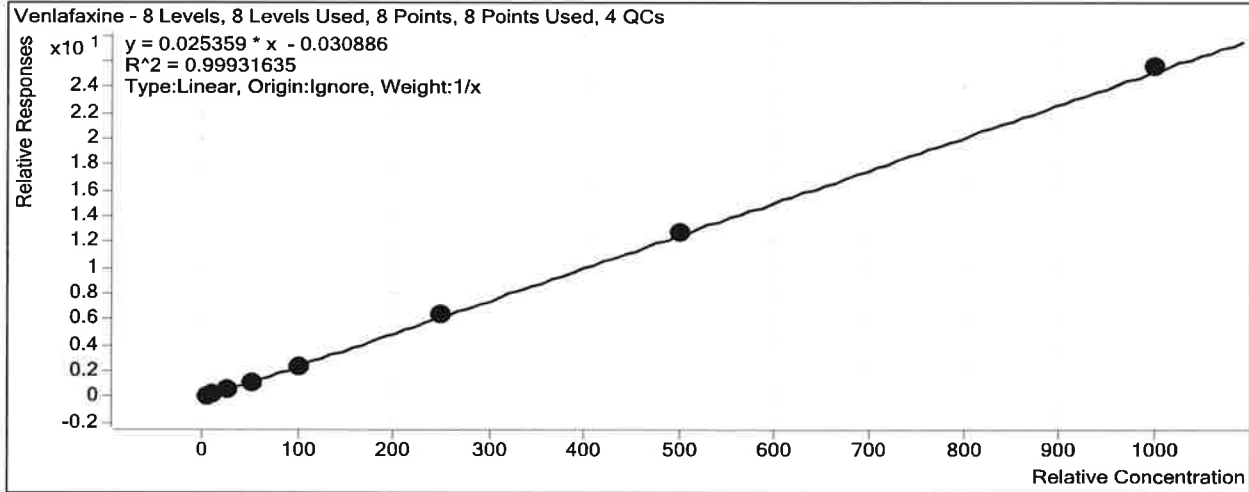
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.4
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.0	100.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.7	99.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.0	103.0
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	105.0	105.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	240.6	96.2
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	261.4	104.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.3	101.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1000.6	100.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	971.9	97.2



# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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

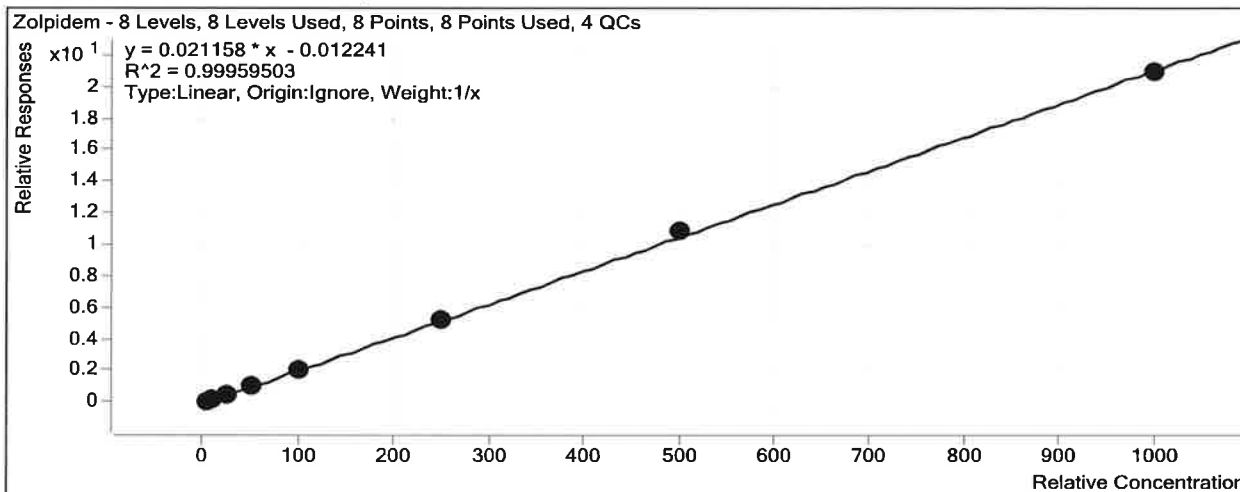


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.6	111.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.6
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.6	106.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.3	92.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	91.2	91.2
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	95.9	95.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.8	99.9
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	241.8	96.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.4	100.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1009.1	100.9
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	983.3	98.3

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.batch.bin  
**Last Calib Update** 1/22/2018 9:16 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.1
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.4	104.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.5	98.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.8	100.8
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.3	100.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.4	98.2
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	243.1	97.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	515.7	103.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	988.6	98.9
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	950.0	95.0

TS

# ISP FORENSICS - Pocatello Instrument # 59740

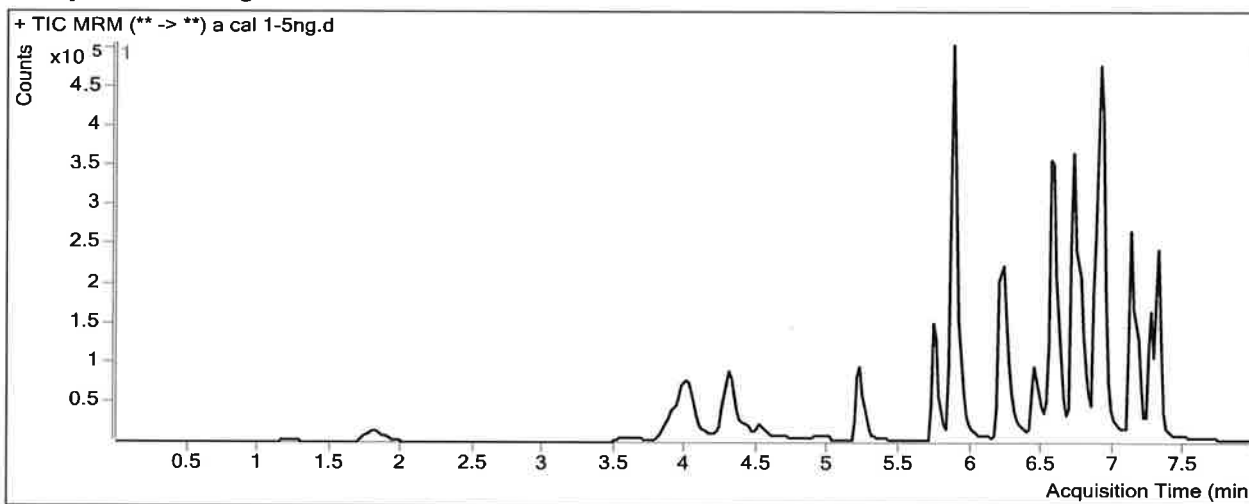
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.t  
**Analysis Time** 1/22/2018 9:16 AM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:20 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/22/2018 9:16 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 18:38 **Data File** a cal 1-5ng.d  
**Sample Type** Calibration **Sample Name** a cal 1-5ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.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	1.248	2745	19257	0.1425	6.0894
Hydromorphone	Hydromorphone-D6	1.829	13031	93403	0.1395	5.1686
Codeine	Codeine-D6	3.692	5087	48864	0.1041	5.9191
Oxycodone	Oxycodone-D6	4.026	39924	308740	0.1293	5.0974
Amphetamine	Amphetamine-D11	4.043	102873	204188	0.5038	4.3561
Hydrocodone	Hydrocodone-D6	4.331	14850	170570	0.0871	4.9398
Norhydrocodone	Norhydrocodone-D3	4.355	685	39614	0.0173	16.7133
Methamphetamine	Methamphetamine-D11	4.419	37287	249387	0.1495	4.9161
Phentermine	Phentermine-D5	5.261	20641	386128	0.0535	4.1709
Dextrorphan	Dextrorphan-D3	5.740	21730	439419	0.0495	5.1452
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	38271	298102	0.1284	4.5118
Tramadol	Tramadol-13C-D3	5.897	132917	1283026	0.1036	5.3132
Doxylamine	Doxylamine-D5	6.240	100704	832755	0.1209	5.0184
Bupropion	Bupropion-D9	6.468	34376	284895	0.1207	5.1018
Meprobamate	Meprobamate-D7	6.551	13022	100232	0.1299	3.5006
Zolpidem	Zolpidem-D6	6.596	117117	1253908	0.0934	4.9931
Venlafaxine	Venlafaxine-D6	6.722	102577	929129	0.1104	5.5715
Trazodone	Trazodone-D6	6.794	53049	430616	0.1232	4.9315
Citalopram	Citalopram-D6	6.876	51609	475394	0.1086	5.5965
Dextromethorphan	Dextromethorphan-D3	6.907	19851	160899	0.1234	4.7220

TS

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

a cal 1-5 ng

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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>
Diphenhydramine	Diphenhydramine-D3	6.930	88024	1070513	0.0822	4.9735
Promethazine	Promethazine-D3	7.126	66161	611398	0.1082	5.6393
Clonazepam	Clonazepam-D4	7.162	39609	76662	0.5167	5.0296
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	6052	72487	0.0835	5.8957
Carisoprodol	Carisoprodol-D7	7.272	31202	268555	0.1162	5.1560
Lorazepam	Alprazolam-D5	7.302	12683	397394	0.0319	4.5380
Alprazolam	Alprazolam-D5	7.305	63875	397394	0.1607	5.0546

TS

# ISP FORENSICS - Pocatello Instrument # 59740

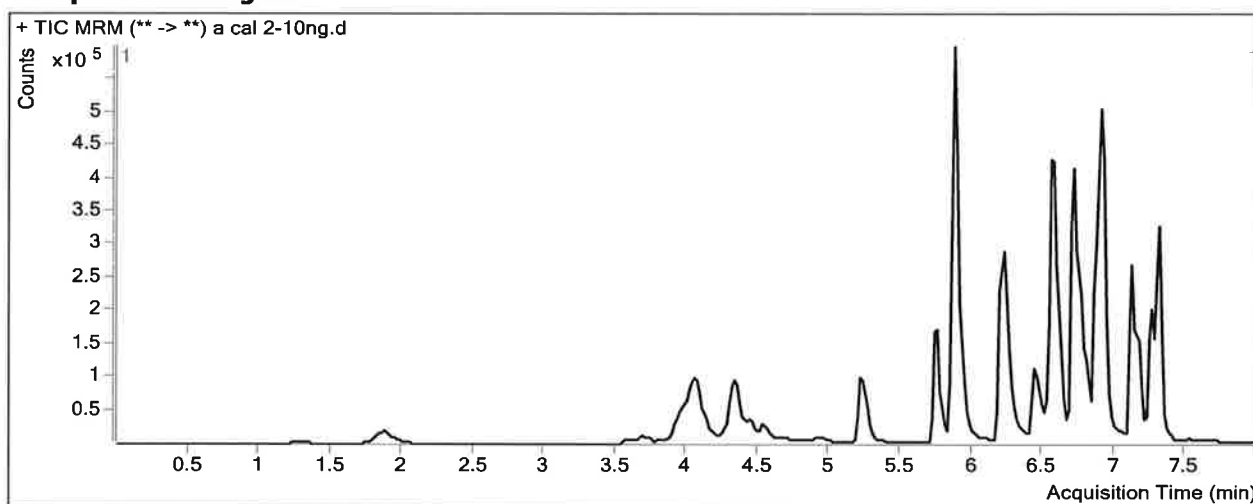
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.t  
**Analysis Time** 1/22/2018 9:16 AM **Analyst Name** ISUser  
**Report Time** 1/22/2018 9:20 AM **Reporter Name** ISUser  
**Last Calib Update** 1/22/2018 9:16 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 19:10 **Data File** a cal 2-10ng.d  
**Sample Type** Calibration **Sample Name** a cal 2-10ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.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	1.288	6351	20840	0.3047	10.6707
Hydromorphone	Hydromorphone-D6	1.889	27041	96623	0.2799	9.6290
Codeine	Codeine-D6	3.712	11126	48146	0.2311	10.7140
Oxycodone	Oxycodone-D6	4.066	87488	334158	0.2618	9.6756
Amphetamine	Amphetamine-D11	4.083	178813	204430	0.8747	10.2868
Hydrocodone	Hydrocodone-D6	4.351	30589	191415	0.1598	9.3392
Norhydrocodone	Norhydrocodone-D3	4.375	1596	42219	0.0378	20.1145
Methamphetamine	Methamphetamine-D11	4.439	76942	234307	0.3284	10.5070
<del>6-MAM</del>	<del>6-MAM-D6</del>	<del>4.567</del>	<del>1070</del>	<del>44908</del>	<del>0.0238</del>	<del>3.2826</del> <i>Not evaluated</i>
Phentermine	Phentermine-D5	5.261	40192	371710	0.1081	9.3399
Dextrophan	Dextrophan-D3	5.740	47430	476450	0.0995	9.5474
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	89343	345628	0.2585	9.5449
Tramadol	Tramadol-13C-D3	5.897	309594	1478861	0.2093	10.4313
Doxylamine	Doxylamine-D5	6.240	223602	883605	0.2531	10.1186
Bupropion	Bupropion-D9	6.468	77131	294856	0.2616	9.9696
Meprobamate	Meprobamate-D7	6.551	27831	109603	0.2539	8.6085
Zolpidem	Zolpidem-D6	6.576	274833	1377594	0.1995	10.0078
Venlafaxine	Venlafaxine-D6	6.722	222603	981879	0.2267	10.1580
Trazodone	Trazodone-D6	6.794	119751	434379	0.2757	10.3409
Citalopram	Citalopram-D6	6.856	95450	463429	0.2060	9.8214

TS

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

a cal 2-10ng

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	37389	142403	0.2626	9.8629
Diphenhydramine	Diphenhydramine-D3	6.930	174278	991022	0.1759	10.0570
Promethazine	Promethazine-D3	7.126	125744	560057	0.2245	9.8684
Clonazepam	Clonazepam-D4	7.162	87953	90526	0.9716	9.8119
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	15218	77938	0.1953	10.3692
Carisoprodol	Carisoprodol-D7	7.272	65694	287797	0.2283	9.4382
Lorazepam	Alprazolam-D5	7.282	28998	445824	0.0650	11.0415
Alprazolam	Alprazolam-D5	7.305	147818	445824	0.3316	9.9316

# ISP FORENSICS - Pocatello Instrument # 59740

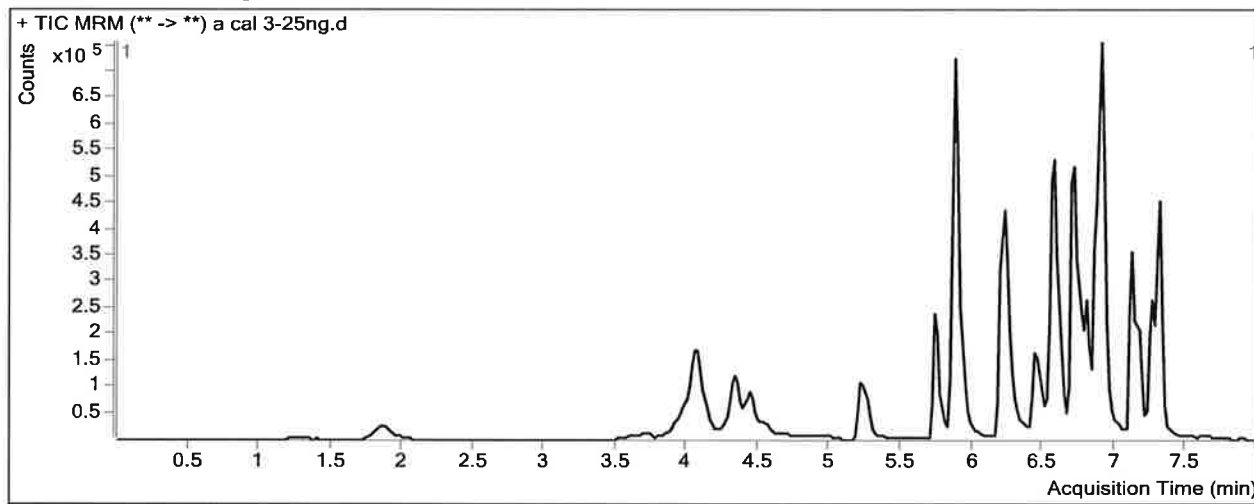
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.l  
**Analysis Time** 1/22/2018 9:16 AM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:20 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/22/2018 9:16 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-01-09 19:41 **Data File** a cal 3-25ng.d  
**Sample Type** Calibration **Sample Name** a cal 3-25ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.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	1.288	13853	18120	0.7645	23.6567
Hydromorphone	Hydromorphone-D6	1.889	62396	85588	0.7290	23.9055
Codeine	Codeine-D6	3.712	26352	47940	0.5497	22.7450
Oxycodone	Oxycodone-D6	4.046	206043	295204	0.6980	24.7450
Amphetamine	Amphetamine-D11	4.083	405539	215205	1.8844	26.4335
Hydrocodone	Hydrocodone-D6	4.351	74598	175267	0.4256	25.4163
Norhydrocodone	Norhydrocodone-D3	4.375	3255	34202	0.0952	29.6175
Methamphetamine	Methamphetamine-D11	4.439	257555	330274	0.7798	24.6179
<del>6-MAM</del>	<del>6-MAM-D6</del>	<del>4.547</del>	<del>2796</del>	<del>36576</del>	<del>0.0765</del>	<del>4.9290</del> <i>Not evaluated</i>
Phentermine	Phentermine-D5	5.261	122348	428737	0.2854	26.0977
Dextrophan	Dextrophan-D3	5.740	125544	461301	0.2722	24.7144
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	209177	308403	0.6783	25.7829
Tramadol	Tramadol-13C-D3	5.897	682515	1314040	0.5194	25.4372
Doxylamine	Doxylamine-D5	6.220	582588	929840	0.6265	24.5355
Bupropion	Bupropion-D9	6.468	177817	280440	0.6341	22.8354
Meprobamate	Meprobamate-D7	6.551	69895	98768	0.7077	27.2978
Zolpidem	Zolpidem-D6	6.576	642224	1241335	0.5174	25.0311
Venlafaxine	Venlafaxine-D6	6.722	566764	922504	0.6144	25.4452
Trazodone	Trazodone-D6	6.794	312266	461824	0.6762	24.5472
Citalopram	Citalopram-D6	6.856	264234	471024	0.5610	25.2201

TS

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

a cal 3-25ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	101990	152298	0.6697	24.9010
Diphenhydramine	Diphenhydramine-D3	6.910	481829	1014710	0.4748	26.2898
Promethazine	Promethazine-D3	7.126	355752	564649	0.6300	24.6139
Clonazepam	Clonazepam-D4	7.162	205877	82011	2.5104	25.9888
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.220	16967	69377	0.2446	12.3424
Carisoprodol	Carisoprodol-D7	7.272	164415	248810	0.6608	25.9642
Lorazepam	Alprazolam-D5	7.282	61146	389548	0.1570	29.0860
Alprazolam	Alprazolam-D5	7.305	329929	389548	0.8470	24.6457



TS

# ISP FORENSICS - Pocatello Instrument # 59740

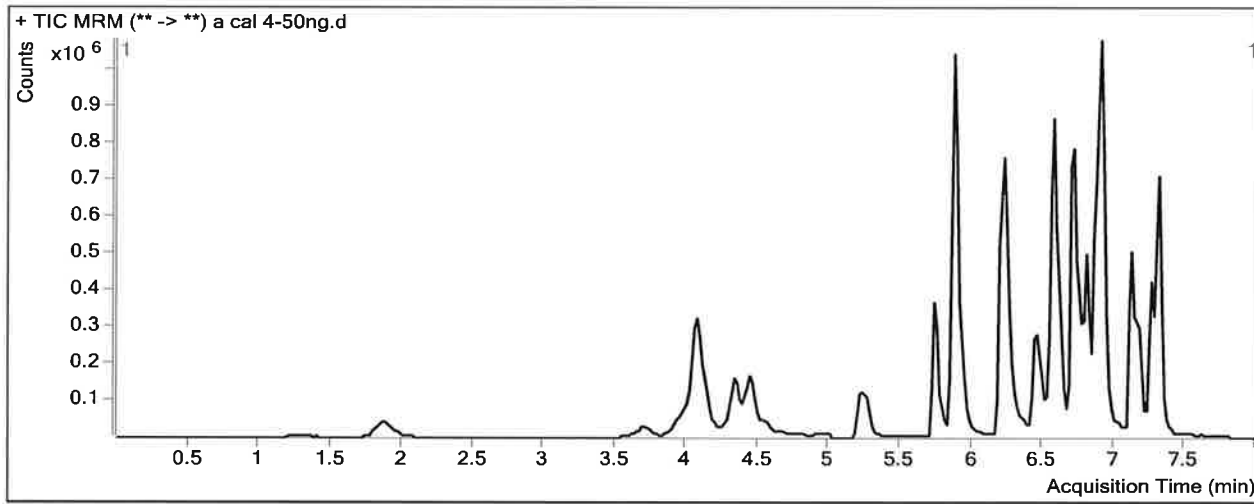
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.t  
**Analysis Time** 1/22/2018 9:16 AM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:20 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/22/2018 9:16 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 20:13 **Data File** a cal 4-50ng.d  
**Sample Type** Calibration **Sample Name** a cal 4-50ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.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	1.288	28240	18752	1.5060	44.6013
Hydromorphone	Hydromorphone-D6	1.889	130299	90091	1.4463	46.7031
Codeine	Codeine-D6	3.692	54136	49097	1.1026	43.6237
Oxycodone	Oxycodone-D6	4.066	432769	310144	1.3954	48.8413
Amphetamine	Amphetamine-D11	4.083	776119	222502	3.4881	52.0783
Hydrocodone	Hydrocodone-D6	4.351	152152	181301	0.8392	50.4313
Norhydrocodone	Norhydrocodone-D3	4.375	7811	36686	0.2129	49.1236
Methamphetamine	Methamphetamine-D11	4.439	520622	338841	1.5365	48.2690
<del>6-MAM</del>	<del>6-MAM-D6</del>	<del>4.547</del>	<del>5944</del>	<del>40261</del>	<del>0.1476</del>	<del>7.1560</del> <i>Not evaluated</i>
Phentermine	Phentermine-D5	5.261	224916	403794	0.5570	51.7805
Dextrophan	Dextrophan-D3	5.740	270186	495810	0.5449	48.6849
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	428260	306263	1.3983	53.6383
Tramadol	Tramadol-13C-D3	5.897	1420834	1468882	0.9673	47.1139
Doxylamine	Doxylamine-D5	6.220	1205299	985711	1.2228	47.5501
Bupropion	Bupropion-D9	6.468	417160	300714	1.3872	48.8506
Meprobamate	Meprobamate-D7	6.551	134917	95826	1.4079	56.1412
Zolpidem	Zolpidem-D6	6.576	1336783	1292505	1.0343	49.4613
Venlafaxine	Venlafaxine-D6	6.722	1184200	1034693	1.1445	46.3498
Trazodone	Trazodone-D6	6.794	649988	469157	1.3854	49.7078
Citalopram	Citalopram-D6	6.856	513313	504661	1.0171	45.0063

TS

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

a cal 4-50ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	200876	153982	1.3045	48.3518
Diphenhydramine	Diphenhydramine-D3	6.910	941885	1097652	0.8581	47.0973
Promethazine	Promethazine-D3	7.126	715976	548481	1.3054	49.1705
Clonazepam	Clonazepam-D4	7.162	349971	75428	4.6398	48.3747
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	39882	63724	0.6259	27.6026
Carisoprodol	Carisoprodol-D7	7.272	302269	258024	1.1715	45.4750
Lorazepam	Alprazolam-D5	7.282	114320	389836	0.2933	55.8394
Alprazolam	Alprazolam-D5	7.305	653288	389836	1.6758	48.3088

# ISP FORENSICS - Pocatello Instrument # 59740

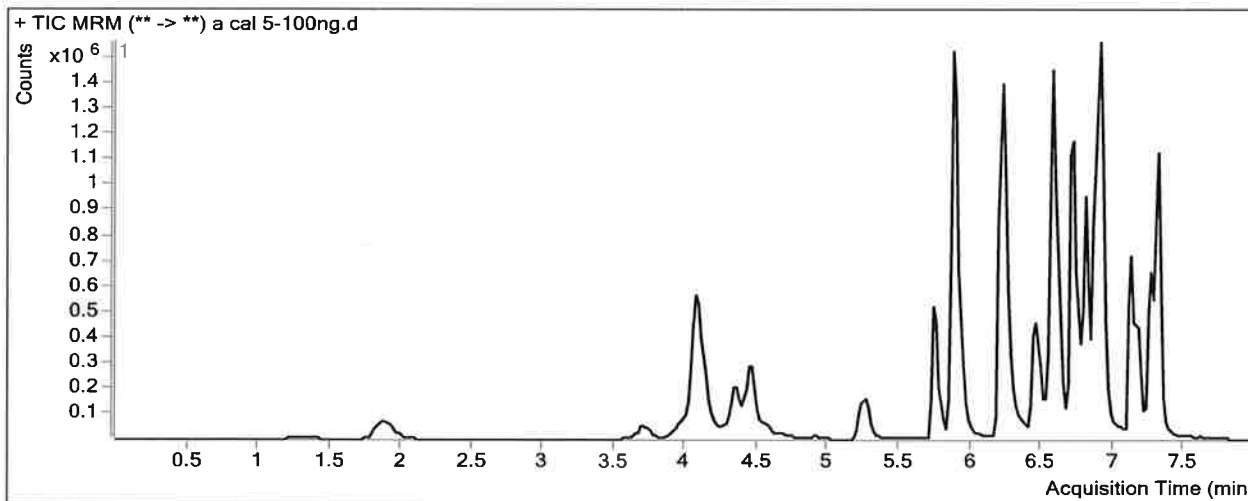
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.t  
**Analysis Time** 1/22/2018 9:16 AM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:21 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/22/2018 9:16 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-01-09 20:44 **Data File** a cal 5-100ng.d  
**Sample Type** Calibration **Sample Name** a cal 5-100ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.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	1.288	55974	17813	3.1424	90.8239
Hydromorphone	Hydromorphone-D6	1.889	269047	87542	3.0733	98.4161
Codeine	Codeine-D6	3.712	110299	42159	2.6163	100.7797
Oxycodone	Oxycodone-D6	4.066	861062	300523	2.8652	99.6254
Amphetamine	Amphetamine-D11	4.103	1383884	208763	6.6290	102.3033
Hydrocodone	Hydrocodone-D6	4.351	299640	176457	1.6981	102.3764
Norhydrocodone	Norhydrocodone-D3	4.375	16695	35880	0.4653	90.9378
Methamphetamine	Methamphetamine-D11	4.459	945243	309871	3.0504	95.5916
<del>6-MAM</del>	<del>6-MAM-D6</del>	<del>4.547</del>	<del>11064</del>	<del>37339</del>	<del>0.2963</del>	<del>11.8062</del> <i>Not evaluated</i>
Phentermine	Phentermine-D5	5.261	455444	380101	1.1982	112.4057
Dextroprphan	Dextroprphan-D3	5.740	499904	459277	1.0885	96.4453
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	809729	300879	2.6912	103.6511
Tramadol	Tramadol-13C-D3	5.897	2798497	1349388	2.0739	100.6712
Doxylamine	Doxylamine-D5	6.220	2392694	945590	2.5304	98.0242
Bupropion	Bupropion-D9	6.468	777695	270729	2.8726	100.1569
Meprobamate	Meprobamate-D7	6.551	250091	88241	2.8342	114.8881
Zolpidem	Zolpidem-D6	6.576	2692181	1268992	2.1215	100.8488
Venlafaxine	Venlafaxine-D6	6.722	2192078	960688	2.2818	91.1973
Trazodone	Trazodone-D6	6.794	1261703	436889	2.8879	103.0063
Citalopram	Citalopram-D6	6.856	929880	423608	2.1951	96.1019

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report***a cal 5-100ng*

<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>
Dextromethorphan	Dextromethorphan-D3	6.887	394818	135975	2.9036	107.4184
Diphenhydramine	Diphenhydramine-D3	6.910	1728976	996264	1.7355	94.7320
Promethazine	Promethazine-D3	7.126	1289280	501034	2.5732	95.2722
Clonazepam	Clonazepam-D4	7.162	597869	63572	9.4046	98.4657
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	126364	59601	2.1202	87.4101
Carisoprodol	Carisoprodol-D7	7.272	550076	234352	2.3472	90.3961
Lorazepam	Alprazolam-D5	7.282	186766	360537	0.5180	99.9632
Alprazolam	Alprazolam-D5	7.305	1216295	360537	3.3736	96.7787

# ISP FORENSICS - Pocatello Instrument # 59740

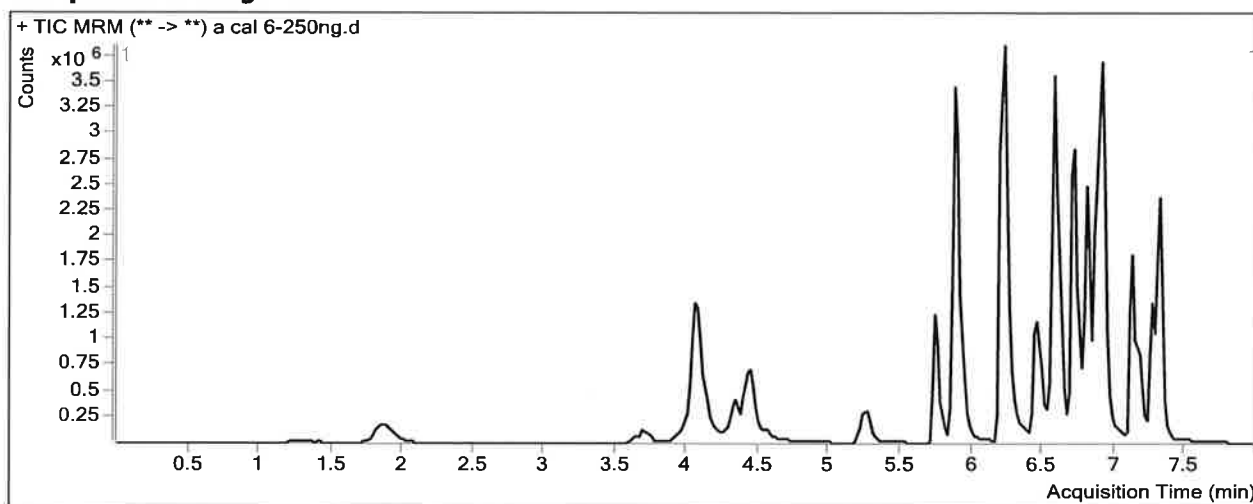
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.l  
**Analysis Time** 1/22/2018 9:16 AM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:21 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/22/2018 9:16 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-01-09 21:16 **Data File** a cal 6-250ng.d  
**Sample Type** Calibration **Sample Name** a cal 6-250ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.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	1.288	153344	18613	8.2387	234.7766
Hydromorphone	Hydromorphone-D6	1.869	741097	94407	7.8500	250.2358
Codeine	Codeine-D6	3.692	288119	45431	6.3418	241.4560
Oxycodone	Oxycodone-D6	4.046	2311631	322824	7.1607	248.0370
Amphetamine	Amphetamine-D11	4.083	3370783	217135	15.5239	244.5421
Hydrocodone	Hydrocodone-D6	4.331	805694	189960	4.2414	256.1979
Norhydrocodone	Norhydrocodone-D3	4.375	46053	34481	1.3356	235.1239
Methamphetamine	Methamphetamine-D11	4.439	2424704	309488	7.8346	245.1305
<del>6-MAM</del>	<del>6-MAM-D6</del>	<del>4.547</del>	<del>24813</del>	<del>52525</del>	<del>0.4724</del>	<del>17.3149</del> <i>Not evaluated</i>
Phentermine	Phentermine-D5	5.261	1158551	424871	2.7268	256.9325
Dextrophan	Dextrophan-D3	5.740	1390408	501816	2.7708	244.2727
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	1960837	293024	6.6917	258.4049
Tramadol	Tramadol-13C-D3	5.897	7623887	1615786	4.7184	228.6574
Doxylamine	Doxylamine-D5	6.220	6655533	1070826	6.2153	240.2652
Bupropion	Bupropion-D9	6.468	2169673	300236	7.2266	250.5479
Meprobamate	Meprobamate-D7	6.551	577808	85773	6.7365	275.6211
Zolpidem	Zolpidem-D6	6.576	7384099	1425268	5.1808	245.4441
Venlafaxine	Venlafaxine-D6	6.722	6424443	1019035	6.3044	249.8263
Trazodone	Trazodone-D6	6.794	3382032	499830	6.7664	240.5886
Citalopram	Citalopram-D6	6.856	2750516	457342	6.0141	261.7505

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

*a cal 6 - 250ng*

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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>
Dextromethorphan	Dextromethorphan-D3	6.887	1092165	154794	7.0556	260.7853
Diphenhydramine	Diphenhydramine-D3	6.910	4962869	1098617	4.5174	245.7698
Promethazine	Promethazine-D3	7.126	3764890	583921	6.4476	236.1517
Clonazepam	Clonazepam-D4	7.162	1154416	51268	22.5173	236.3149
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	284799	50099	5.6848	230.0747
Carisoprodol	Carisoprodol-D7	7.272	1274341	170992	7.4526	285.4563
Lorazepam	Alprazolam-D5	7.282	375827	336157	1.1180	217.7438
Alprazolam	Alprazolam-D5	7.305	2915976	336157	8.6745	248.1156

TS

# ISP FORENSICS - Pocatello Instrument # 59740

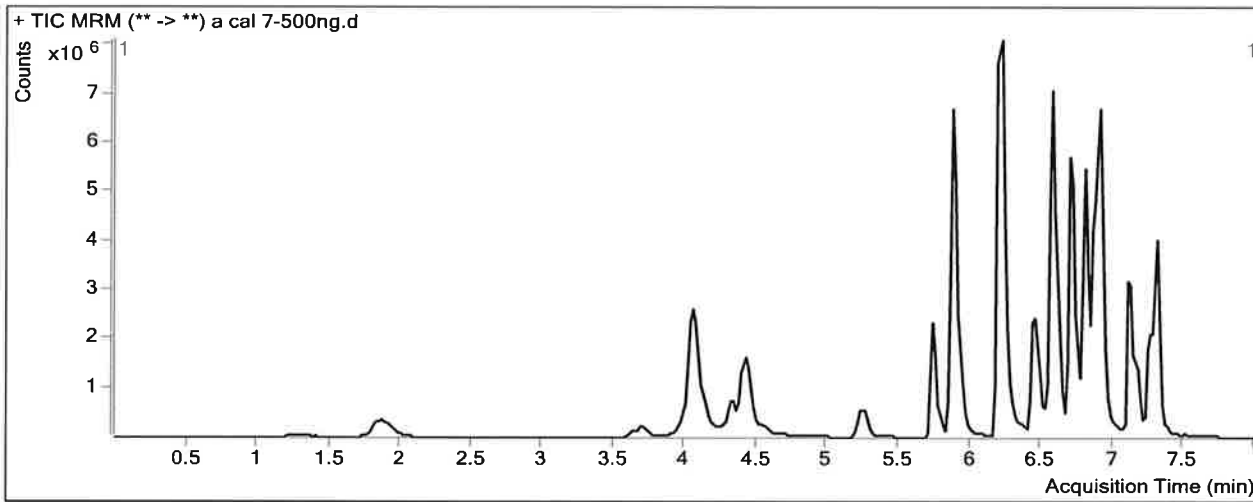
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.t  
**Analysis Time** 1/22/2018 9:16 AM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:21 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/22/2018 9:16 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 21:47 **Data File** a cal 7-500ng.d  
**Sample Type** Calibration **Sample Name** a cal 7-500ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.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	1.288	336133	19067	17.6294	500.0315
Hydromorphone	Hydromorphone-D6	1.869	1577801	94508	16.6949	531.3577
Codeine	Codeine-D6	3.692	572326	45772	12.5039	474.1362
Oxycodone	Oxycodone-D6	4.046	4950617	333022	14.8657	514.2541
Amphetamine	Amphetamine-D11	4.063	6341497	227217	27.9094	442.5976
Hydrocodone	Hydrocodone-D6	4.311	1617835	190620	8.4872	512.9905
Norhydrocodone	Norhydrocodone-D3	4.355	85589	31588	2.7095	462.7553
Methamphetamine	Methamphetamine-D11	4.419	5524848	336453	16.4209	513.5155
<del>6-MAM</del>	<del>6-MAM-D6</del>	<del>4.547</del>	<del>63526</del>	<del>46883</del>	<del>1.3550</del>	<del>44.9241</del> <i>Not evaluated</i>
Phentermine	Phentermine-D5	5.261	2300746	416618	5.5224	521.2505
Dextrophan	Dextrophan-D3	5.740	2827708	480616	5.8835	517.7979
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	3446378	274928	12.5356	484.4661
Tramadol	Tramadol-13C-D3	5.876	16682934	1646314	10.1335	490.7368
Doxylamine	Doxylamine-D5	6.220	14976709	1109422	13.4996	521.4404
Bupropion	Bupropion-D9	6.468	4574563	303886	15.0535	520.9016
Meprobamate	Meprobamate-D7	6.551	996666	78820	12.6448	518.9798
Zolpidem	Zolpidem-D6	6.576	15544956	1426410	10.8980	515.6554
Venlafaxine	Venlafaxine-D6	6.701	13666435	1075393	12.7083	502.3559
Trazodone	Trazodone-D6	6.794	7668989	538997	14.2283	505.2881
Citalopram	Citalopram-D6	6.856	4878821	437019	11.1639	485.1195

TS

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

*a cal 7 - 500ng*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	1974584	144493	13.6656	504.9468
Diphenhydramine	Diphenhydramine-D3	6.910	10082591	990437	10.1799	553.2057
Promethazine	Promethazine-D3	7.105	7830948	570624	13.7235	500.7167
Clonazepam	Clonazepam-D4	7.162	1908990	37754	50.5633	531.1531
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	486173	42695	11.3870	458.2934
Carisoprodol	Carisoprodol-D7	7.272	2386810	181000	13.1868	504.5393
Lorazepam	Alprazolam-D5	7.282	668474	298651	2.2383	437.6647
Alprazolam	Alprazolam-D5	7.305	5298575	298651	17.7417	506.9798



# ISP FORENSICS - Pocatello Instrument # 59740

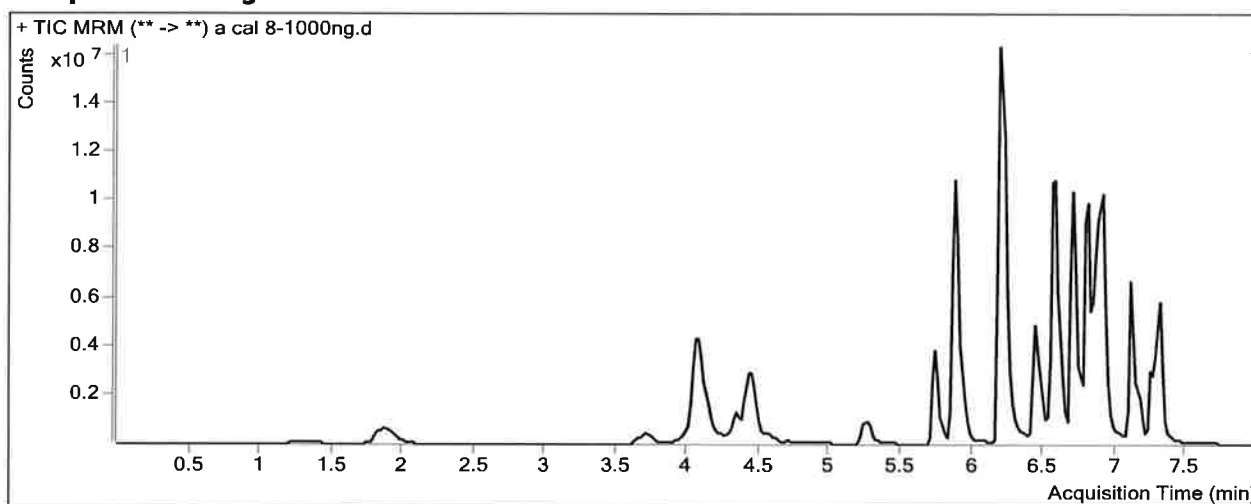
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1a TS 010918.t  
**Analysis Time** 1/22/2018 9:16 AM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:21 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/22/2018 9:16 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 22:19 **Data File** a cal 8-1000ng.d  
**Sample Type** Calibration **Sample Name** a cal 8-1000ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.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	1.288	630799	17345	36.3687	1029.3498
Hydromorphone	Hydromorphone-D6	1.889	2944535	87914	33.4934	1065.2774
Codeine	Codeine-D6	3.712	1025612	37286	27.5063	1040.6263
Oxycodone	Oxycodone-D6	4.046	9544303	317659	30.0458	1038.7377
Amphetamine	Amphetamine-D11	4.083	10597705	215145	49.2585	783.9901
Hydrocodone	Hydrocodone-D6	4.331	2960124	182940	16.1808	978.3087
Norhydrocodone	Norhydrocodone-D3	4.375	151760	24093	6.2990	1057.4418
Methamphetamine	Methamphetamine-D11	4.439	10680858	317274	33.6645	1052.5053
<del>6-MAM</del>	<del>6-MAM-D6</del>	<del>4.547</del>	<del>126136</del>	<del>38856</del>	<del>3.2463</del>	<del>104.0873</del> <i>Not evaluated</i>
Phentermine	Phentermine-D5	5.261	4223832	416469	10.1420	958.0222
Dextroprphan	Dextroprphan-D3	5.740	5106807	417048	12.2451	1076.8089
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	5068759	233396	21.7174	839.6534
Tramadol	Tramadol-13C-D3	5.876	30290084	1421421	21.3097	1031.6389
Doxylamine	Doxylamine-D5	6.200	29092036	1051963	27.6550	1067.8476
Bupropion	Bupropion-D9	6.448	8510880	281115	30.2754	1046.6843
Meprobamate	Meprobamate-D7	6.551	1509541	66371	22.7440	934.9628
Zolpidem	Zolpidem-D6	6.576	28162498	1347256	20.9036	988.5583
Venlafaxine	Venlafaxine-D6	6.701	25686308	1004993	25.5587	1009.0959
Trazodone	Trazodone-D6	6.794	15124112	536502	28.1902	1000.5692
Citalopram	Citalopram-D6	6.856	9278672	398281	23.2968	1011.3839

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

*a cal 8-1000ng*

<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>
Dextromethorphan	Dextromethorphan-D3	6.887	3783570	142778	26.4997	979.0117
Diphenhydramine	Diphenhydramine-D3	6.910	17388590	974532	17.8430	969.2543
Promethazine	Promethazine-D3	7.105	14450741	516743	27.9651	1018.5672
Clonazepam	Clonazepam-D4	7.162	2513366	26057	96.4578	1013.6265
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	770443	28807	26.7448	1072.9569
Carisoprodol	Carisoprodol-D7	7.272	3451826	129127	26.7321	1022.0576
Lorazepam	Alprazolam-D5	7.282	1089108	221823	4.9098	962.0926
Alprazolam	Alprazolam-D5	7.305	8307879	221823	37.4528	1069.7180

# ISP FORENSICS - Pocatello Instrument # 59740

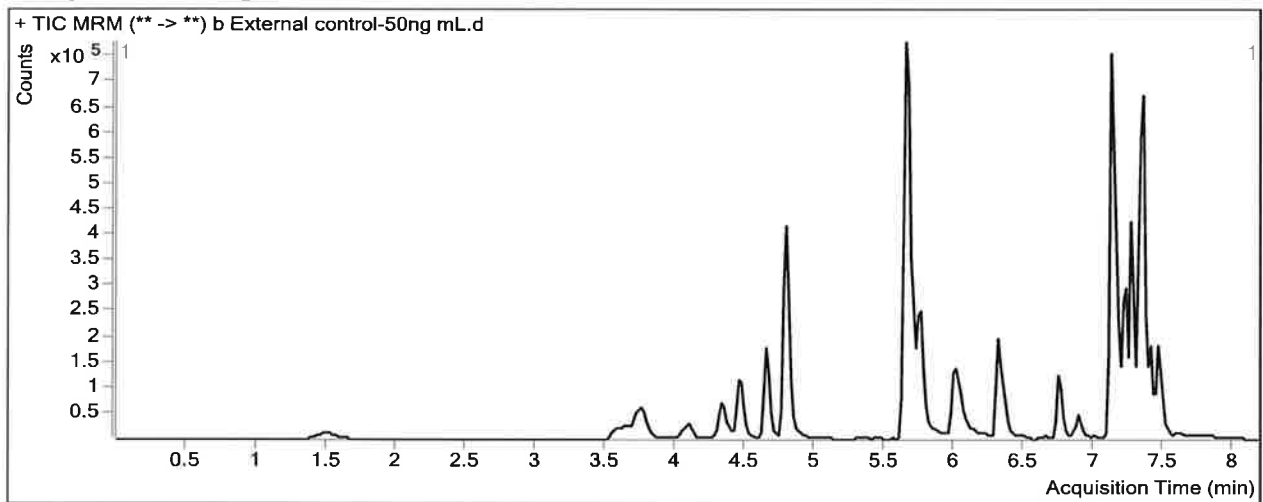
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.l  
**Analysis Time** 1/19/2018 4:19 PM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:31 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/19/2018 4:19 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 23:53 **Data File** b External control-50ng mL.d  
**Sample Type** Sample **Sample Name** b External control-50ng mL  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.m  
**Position** P1-E2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28; WS121217 50 ng trazodone, ketamine, morphine, quetiapine

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Ketamine	Ketamine-D4	5.660	1189288	818123	1.4537	61.8003
Quetiapine	Quetiapine-D8	7.118	1119462	244951	4.5701	45.9579
Fluoxetine	Fluoxetine-D6	7.263	8575	566578	0.0151	0.9169 < 25
Buprenorphine	Buprenorphine-D4	7.376	687	176901	0.0039	1.1282 < 2.5

TS

# ISP FORENSICS - Pocatello Instrument # 59740

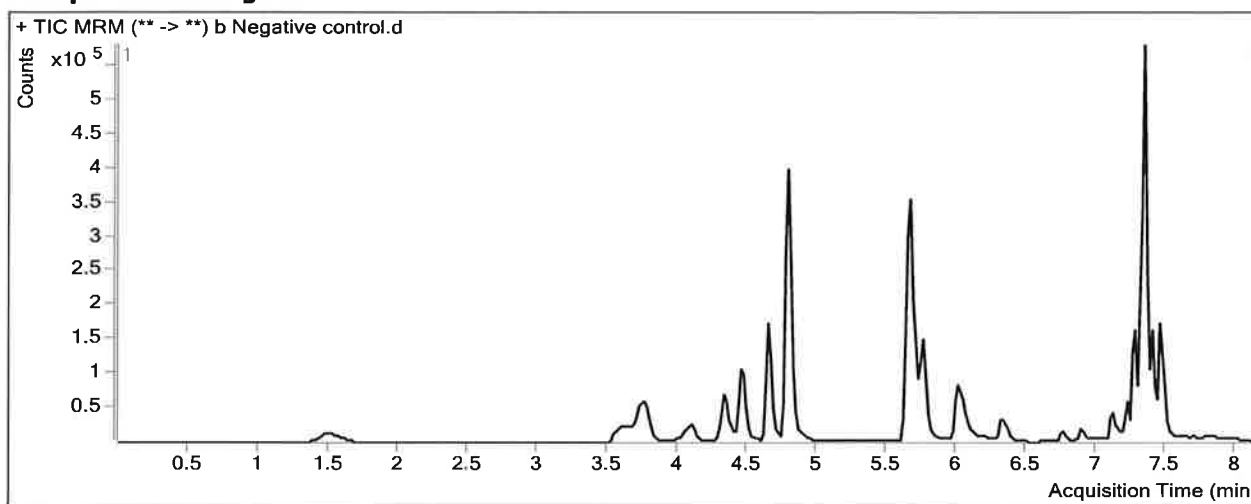
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.l  
**Analysis Time** 1/19/2018 4:19 PM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:30 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/19/2018 4:19 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 23:22 **Data File** b Negative control.d  
**Sample Type** Sample **Sample Name** b Negative control  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.m  
**Position** P1-F2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.263	7684	49206	0.1562	7.1279 225

# ISP FORENSICS - Pocatello Instrument # 59740

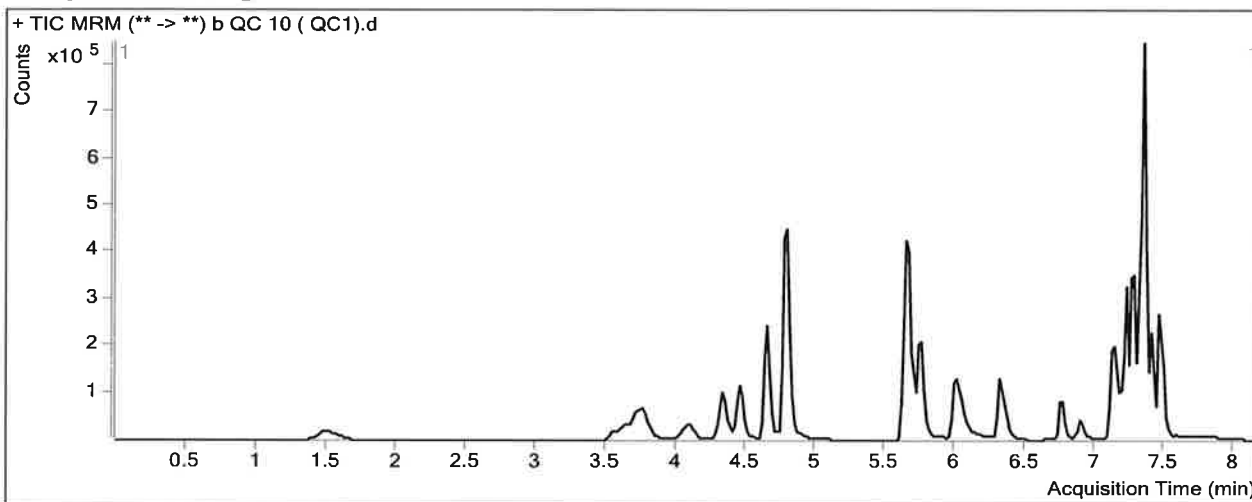
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.t  
**Analysis Time** 1/19/2018 4:19 PM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:31 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/19/2018 4:19 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-10 00:56 **Data File** b QC 10 ( QC1).d  
**Sample Type** QC **Sample Name** b QC 10 ( QC1)  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.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	1.508	44462	154199	0.2883	10.2254
Dihydrocodeine	Dihydrocodeine-D6	3.655	29161	174828	0.1668	9.5325
Naloxone	Naloxone-D5	3.791	59778	419191	0.1426	9.1090
Noroxycodone	Noroxycodone-D3	4.119	43287	158373	0.2733	10.0363
Naltrexone	Naltrexone-D3	4.351	67544	312135	0.2164	10.1559
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	10845	451016	0.0240	0.9237
Naltrexol	Naltrexol-D3	4.649	145254	631211	0.2301	9.4024
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	300660	1402275	0.2144	10.1569
Ketamine	Ketamine-D4	5.660	158645	725850	0.2186	9.7935
★ Norfentanyl	Norfentanyl-D5	5.703	13163	827149	0.0159	1.3987 ★
alpha-PVP	alpha-PVP-d8	6.027	91101	504808	0.1805	8.4807
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	6494	452364	0.0144	1.0437
Norbuprenorphine	Norbuprenorphine-D3	6.652	116	11776	0.0099	0.6744 Not evaluated
Fentanyl	Fentanyl-D5	6.760	5747	281162	0.0204	1.1424
EDDP	EDDP-D3	6.889	21515	106226	0.2025	10.7905
Quetiapine	Quetiapine-D8	7.138	199530	188530	1.0583	10.6606
Sufentanil	Sufentanil-D5	7.138	4060	185779	0.0219	1.0698
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	36408	140441	0.2592	10.3999
Methadone	Methadone-D9	7.222	145047	505039	0.2872	11.2186

★ Outside Curve Range ★

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

b qc 10

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.263	100617	434087	0.2318	10.4592
Oxazepam	Oxazepam-D5	7.288	64223	388546	0.1653	9.9310
Sertraline	Sertraline-D3	7.325	47914	226947	0.2111	9.7171
Temazepam	Temazepam-D5	7.347	237947	1256740	0.1893	10.9123
<del>★ Buprenorphine</del>	<del>Buprenorphine-D4</del>	<del>7.376</del>	<del>4065</del>	<del>116608</del>	<del>0.0349</del>	<del>1.6903</del> ★
Nordiazepam	Nordiazepam-D5	7.414	106604	312535	0.3411	10.0526
Diazepam	Diazepam-D5	7.470	89739	328413	0.2733	10.6548

★ *Outside Curve Range* ★

# ISP FORENSICS - Pocatello Instrument # 59740

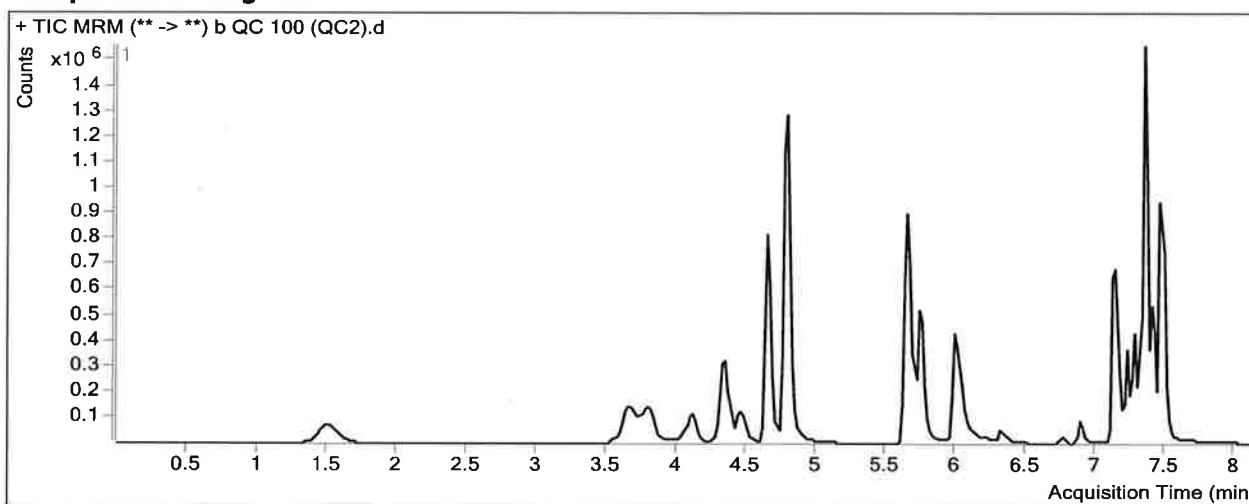
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.1  
**Analysis Time** 1/19/2018 4:19 PM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:31 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/19/2018 4:19 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-10 03:02 **Data File** b QC 100 (QC2).d  
**Sample Type** QC **Sample Name** b QC 100 (QC2)  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.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	1.508	478658	153353	3.1213	98.2214
Dihydrocodeine	Dihydrocodeine-D6	3.675	330063	183424	1.7995	97.7652
Naloxone	Naloxone-D5	3.811	601214	379484	1.5843	89.6178
Noroxycodone	Noroxycodone-D3	4.119	422743	142561	2.9654	95.8692
Naltrexone	Naltrexone-D3	4.351	653469	298264	2.1909	100.7657
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.503	117121	448093	0.2614	9.3561
Naltrexol	Naltrexol-D3	4.649	1553464	630666	2.4632	101.5247
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	3211369	1444300	2.2235	100.6345
Ketamine	Ketamine-D4	5.660	1610069	717839	2.2429	95.0336
Norfentanyl	Norfentanyl-D5	5.703	148862	767651	0.1939	9.3689
alpha-PVP	alpha-PVP-d8	6.007	960013	432152	2.2215	97.7833
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	20704	148107	0.1398	8.9586
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.672</del>	<del>704</del>	<del>4575</del>	<del>0.1539</del>	<del>8.5990</del> <i>Not evaluated</i>
Fentanyl	Fentanyl-D5	6.760	12042	67455	0.1785	8.4816
EDDP	EDDP-D3	6.889	140488	65994	2.1288	93.9287
Quetiapine	Quetiapine-D8	7.138	1376565	117695	11.6960	117.5801
Sufentanil	Sufentanil-D5	7.138	9244	44843	0.2061	9.6011
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	82890	32120	2.5806	88.5582
Methadone	Methadone-D9	7.222	430889	157109	2.7426	105.3117

TS

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

b qc 100

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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>
Fluoxetine	Fluoxetine-D6	7.284	229870	99896	2.3011	101.5988
Oxazepam	Oxazepam-D5	7.288	329190	181782	1.8109	99.4158
Sertraline	Sertraline-D3	7.325	116570	49354	2.3619	103.2366
Temazepam	Temazepam-D5	7.347	1868586	1026448	1.8204	90.7328
Buprenorphine	Buprenorphine-D4	7.376	14276	39548	0.3610	7.6084
Nordiazepam	Nordiazepam-D5	7.414	826712	228988	3.6103	106.8275
Diazepam	Diazepam-D5	7.470	869937	325260	2.6746	99.5597



# ISP FORENSICS - Pocatello Instrument # 59740

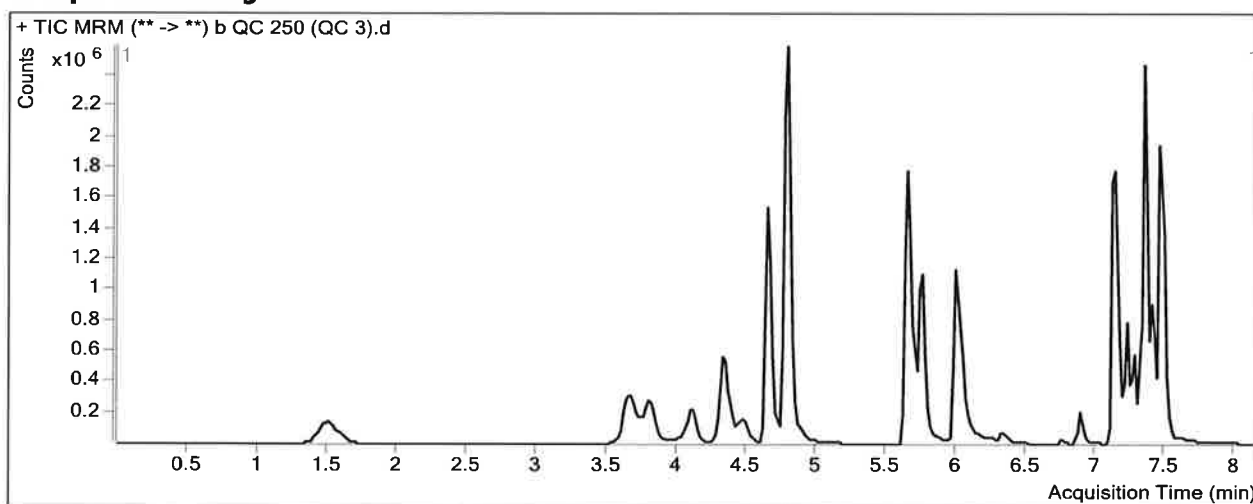
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.1  
**Analysis Time** 1/19/2018 4:19 PM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:32 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/19/2018 4:19 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-10 06:26 **Data File** b QC 250 (QC 3).d  
**Sample Type** QC **Sample Name** b QC 250 (QC 3)  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.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	1.508	1089702	136987	7.9548	248.3585
Dihydrocodeine	Dihydrocodeine-D6	3.655	816850	178221	4.5834	248.2147
Naloxone	Naloxone-D5	3.791	1346369	307583	4.3772	245.5854
Noroxycodone	Noroxycodone-D3	4.119	932895	120786	7.7235	247.5790
Naltrexone	Naltrexone-D3	4.331	1310298	244621	5.3565	246.0311
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.503	300785	449978	0.6684	23.8191
Naltrexol	Naltrexol-D3	4.649	3470760	569592	6.0934	251.2824
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	7717819	1435322	5.3771	242.6550
Ketamine	Ketamine-D4	5.660	4436266	725388	6.1157	258.1040
Norfentanyl	Norfentanyl-D5	5.703	392684	772802	0.5081	23.4380
alpha-PVP	alpha-PVP-d8	6.007	2693330	476274	5.6550	248.0148
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	58888	155551	0.3786	24.0255
Norbuprenorphine	Norbuprenorphine-D3	6.672	2026	4600	0.4405	24.3651
Fentanyl	Fentanyl-D5	6.760	28169	62133	0.4534	21.2426
EDDP	EDDP-D3	6.889	373057	69576	5.3619	233.4715
Quetiapine	Quetiapine-D8	7.138	3701364	132270	27.9835	281.2862
Sufentanil	Sufentanil-D5	7.138	19059	39554	0.4818	22.3652
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	199428	27940	7.1378	241.9951
Methadone	Methadone-D9	7.222	1053864	158367	6.6546	255.2212

*Not evaluated*

TS

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

b qc 250

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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>
Fluoxetine	Fluoxetine-D6	7.263	408533	72330	5.6481	249.0143
Oxazepam	Oxazepam-D5	7.288	476290	109337	4.3561	237.8201
Sertraline	Sertraline-D3	7.325	210197	33855	6.2088	270.5066
Temazepam	Temazepam-D5	7.347	3837216	765452	5.0130	246.9658
Buprenorphine	Buprenorphine-D4	7.376	38794	33094	1.1722	22.3305
Nordiazepam	Nordiazepam-D5	7.414	1544635	173063	8.9253	264.1627
Diazepam	Diazepam-D5	7.470	1895863	289345	6.5522	243.1228

# ISP FORENSICS - Pocatello Instrument # 59740

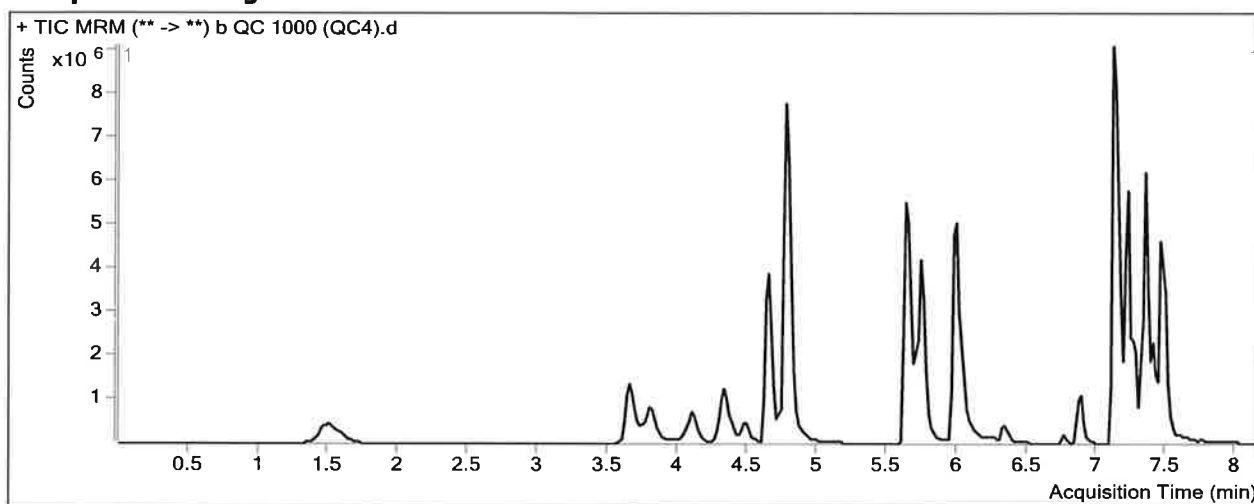
## Multi-Drug Confirmatory Analysis Report

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**Analysis Time** 1/19/2018 4:19 PM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:32 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/19/2018 4:19 PM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-01-10 08:48 **Data File** b QC 1000 (QC4).d  
**Sample Type** QC **Sample Name** b QC 1000 (QC4)  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.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	1.508	3672379	115599	31.7682	988.0410
Dihydrocodeine	Dihydrocodeine-D6	3.655	2884377	173443	16.6301	899.2492
Naloxone	Naloxone-D5	3.791	3870473	197658	19.5816	1094.6481
Noroxycodone	Noroxycodone-D3	4.099	2930621	97391	30.0913	960.7522
Naltrexone	Naltrexone-D3	4.331	3249265	157744	20.5983	945.4725
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.503	1243464	433144	2.8708	102.0675
Naltrexol	Naltrexol-D3	4.649	10829764	458054	23.6430	975.2594
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.780	27919572	1292244	21.6055	973.4965
Ketamine	Ketamine-D4	5.640	17214891	738128	23.3224	982.6218
Norfentanyl	Norfentanyl-D5	5.683	1634022	705354	2.3166	104.4134
alpha-PVP	alpha-PVP-d8	6.007	12438684	559545	22.2300	973.2398
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	588707	383715	1.5342	96.9459
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.672</del>	<del>10885</del>	<del>6187</del>	<del>1.7594</del>	<del>96.9323</del> <i>Not evaluated</i>
Fentanyl	Fentanyl-D5	6.760	308562	139898	2.2056	102.5971
EDDP	EDDP-D3	6.889	2263114	102777	22.0198	952.4370
Quetiapine	Quetiapine-D8	7.118	18584565	201807	92.0907	925.6307
Sufentanil	Sufentanil-D5	7.138	215750	98164	2.1978	101.8082
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	1997907	60672	32.9296	1110.3768
Methadone	Methadone-D9	7.222	9646084	357520	26.9805	1034.1270

TS

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

b q.c 1000

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.263	2849600	130348	21.8616	963.1100
Oxazepam	Oxazepam-D5	7.288	1287384	73939	17.4115	947.7419
Sertraline	Sertraline-D3	7.325	1450105	57756	25.1074	1092.2578
Temazepam	Temazepam-D5	7.347	9798587	461040	21.2532	1041.7042
* Buprenorphine	<del>Buprenorphine-D4</del>	<del>7.376</del>	<del>262625</del>	<del>41441</del>	<del>6.3373</del>	<del>116.0621</del> *
Nordiazepam	Nordiazepam-D5	7.414	3262484	91988	35.4665	1049.8368
Diazepam	Diazepam-D5	7.470	5403383	207413	26.0514	965.0417

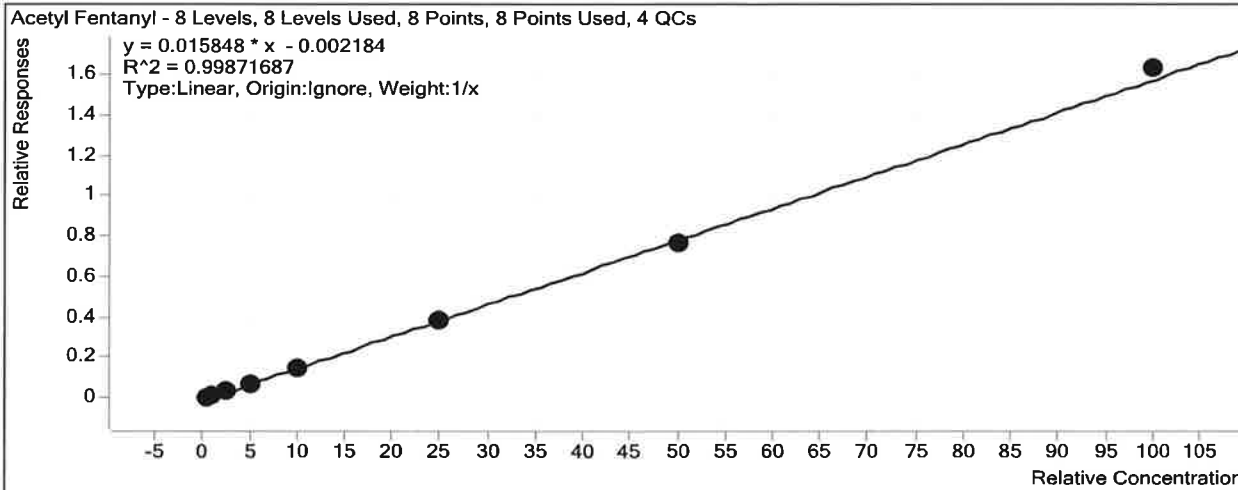
\* Outside curve range \*

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



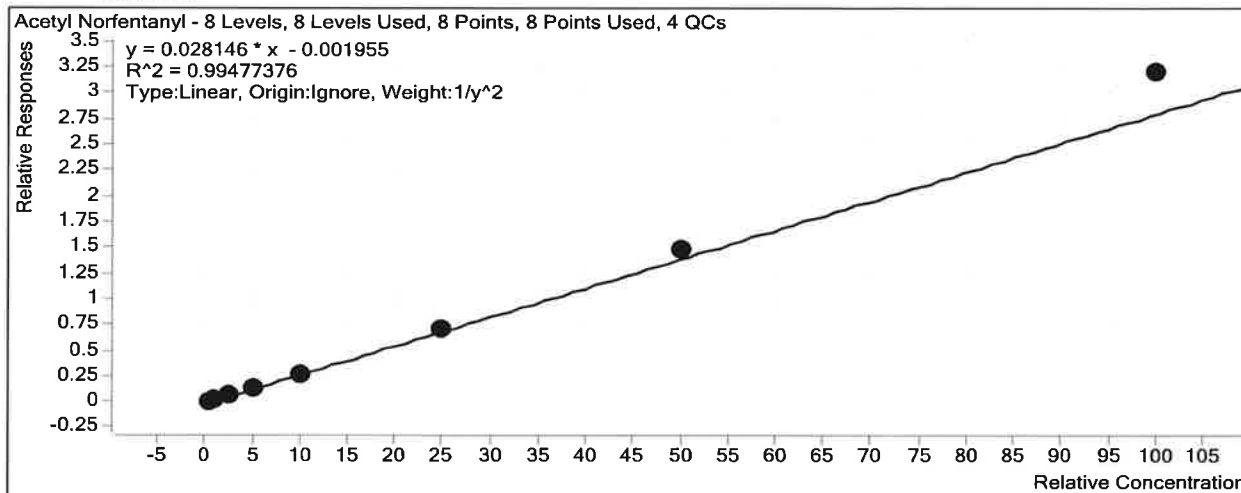
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b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	104.5
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	1	1.0	104.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	93.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.6	92.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.5	95.2
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	9.0	89.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.2	96.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	24.0	96.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	48.7	97.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	103.0	103.0
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	96.9	96.9

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



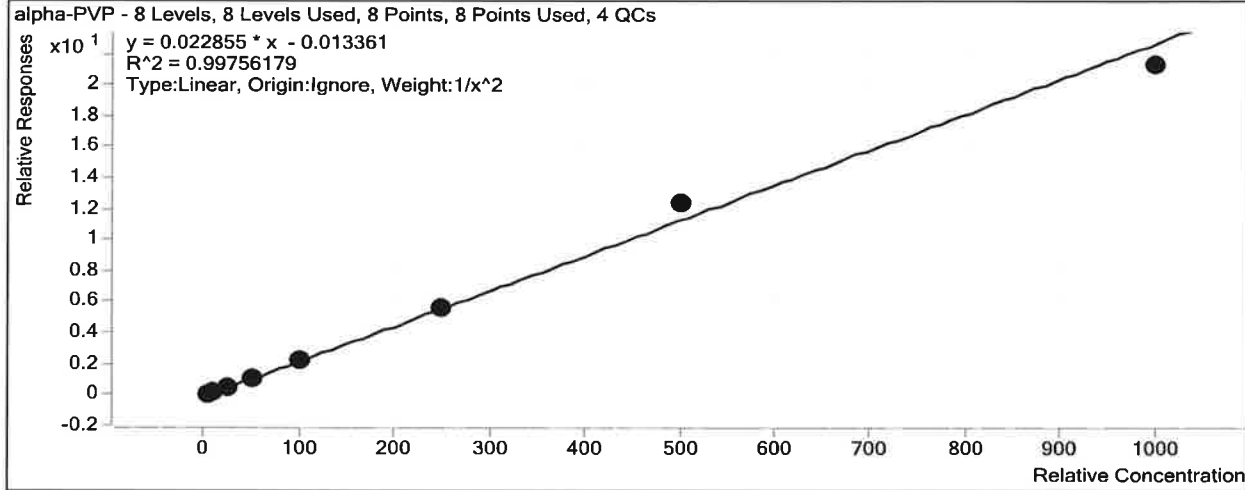
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
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b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	97.9
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	1	0.9	92.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	94.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	94.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.7	96.9
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	9.4	93.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.9	99.6
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	23.8	95.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	53.1	106.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	113.7	113.7
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	102.1	102.1

TS

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



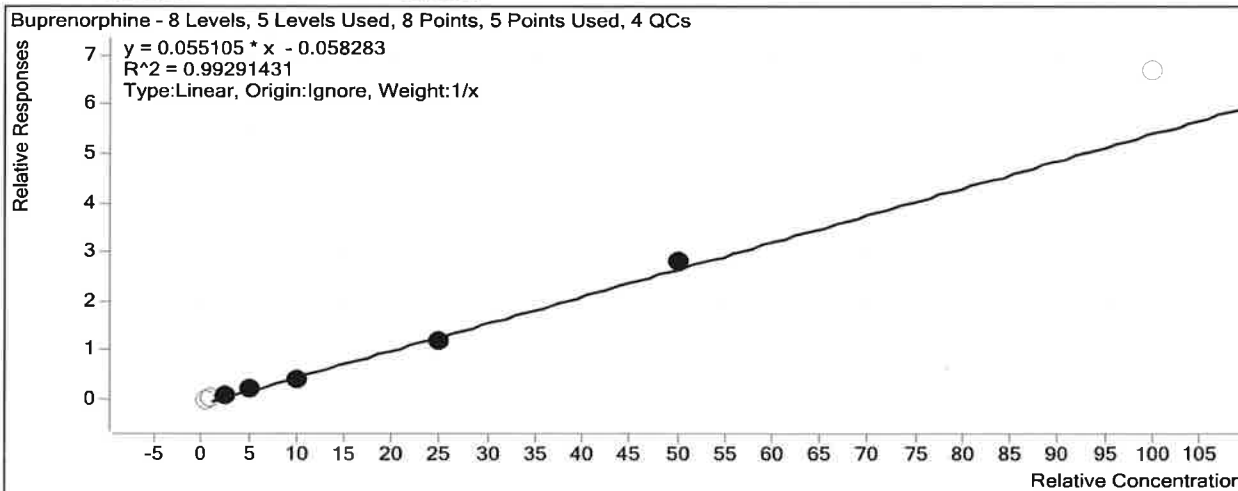
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.2
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	8.5	84.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.7	99.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.3	100.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	97.8	97.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.3	99.7
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	248.0	99.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	544.2	108.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	932.7	93.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	973.2	97.3

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	1.5	290.1
b cal 2-10ng	2	<input type="checkbox"/>	1	1.8	175.3
<del>b QC 10 (QC1)</del>	<del>2</del>	<del><input checked="" type="checkbox"/></del>	<del>1</del>	<del>1.7</del>	<del>169.0</del> <i>outside curve range</i>
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.7	107.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.3	105.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.0	90.0
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	7.6	76.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.0	91.9
b QC 250 (QC3)	6	<input checked="" type="checkbox"/>	25	22.3	89.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	52.6	105.1
b cal 8-1000ng	8	<input type="checkbox"/>	100	122.6	122.6
<del>b QC 1000 (QC4)</del>	<del>8</del>	<del><input type="checkbox"/></del>	<del>100</del>	<del>116.1</del>	<del>116.1</del> <i>outside curve range</i>

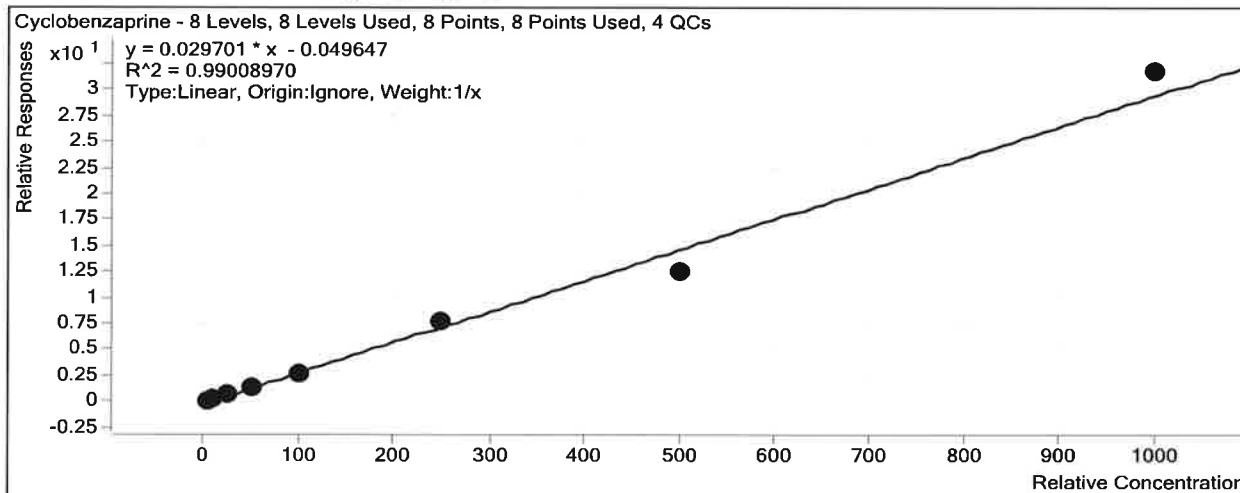


# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



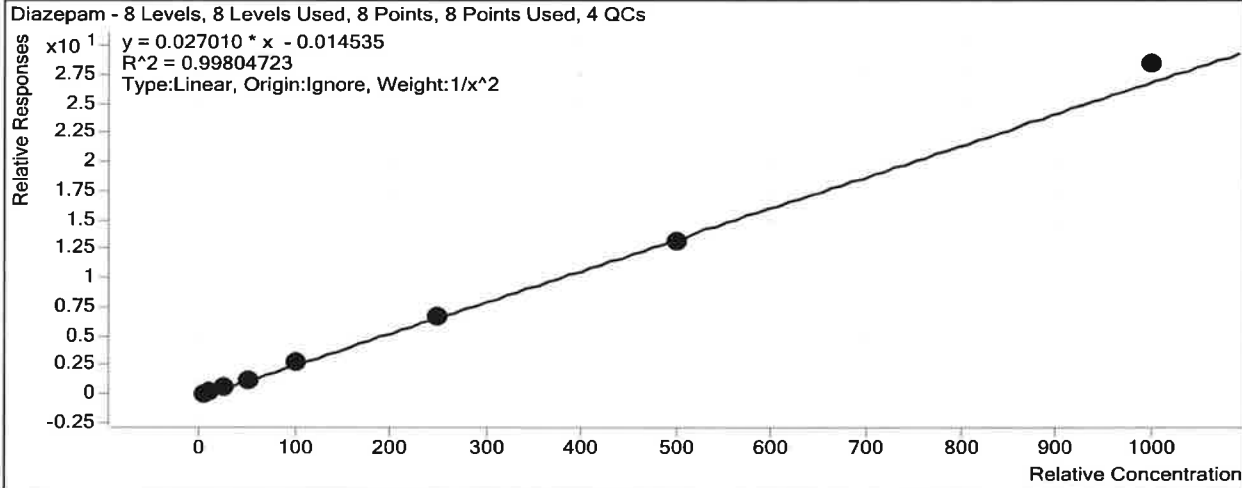
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.2	123.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.7
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.4	104.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.0	91.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.4	94.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.9	94.9
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	88.6	88.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.2	104.9
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	242.0	96.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	425.2	85.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1071.4	107.1
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1110.4	111.0

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



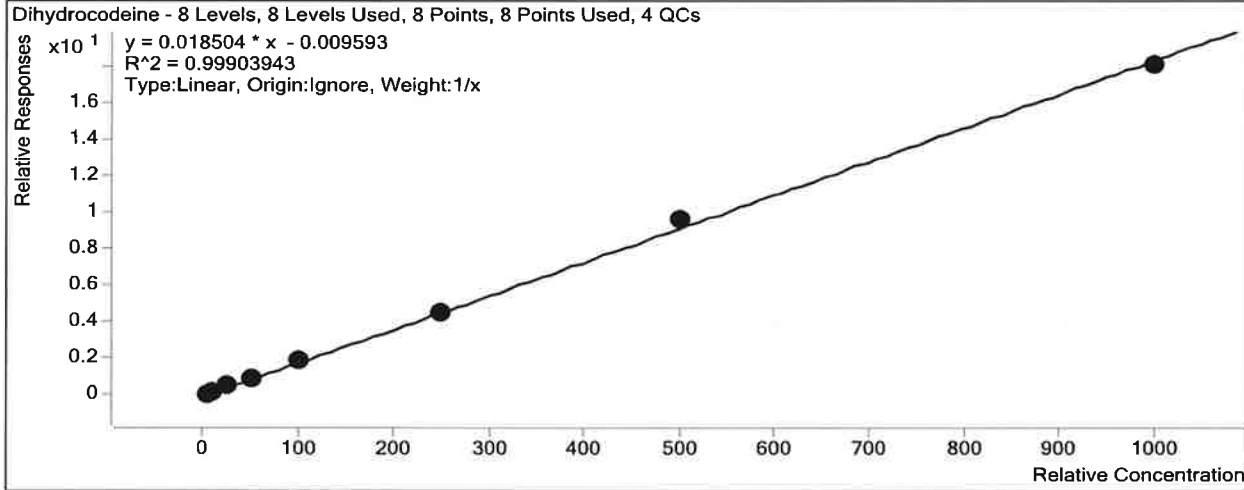
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.4
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.7	106.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.4	94.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.9	105.9
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.6	99.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.1	98.4
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	243.1	97.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	491.5	98.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1050.6	105.1
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	965.0	96.5

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



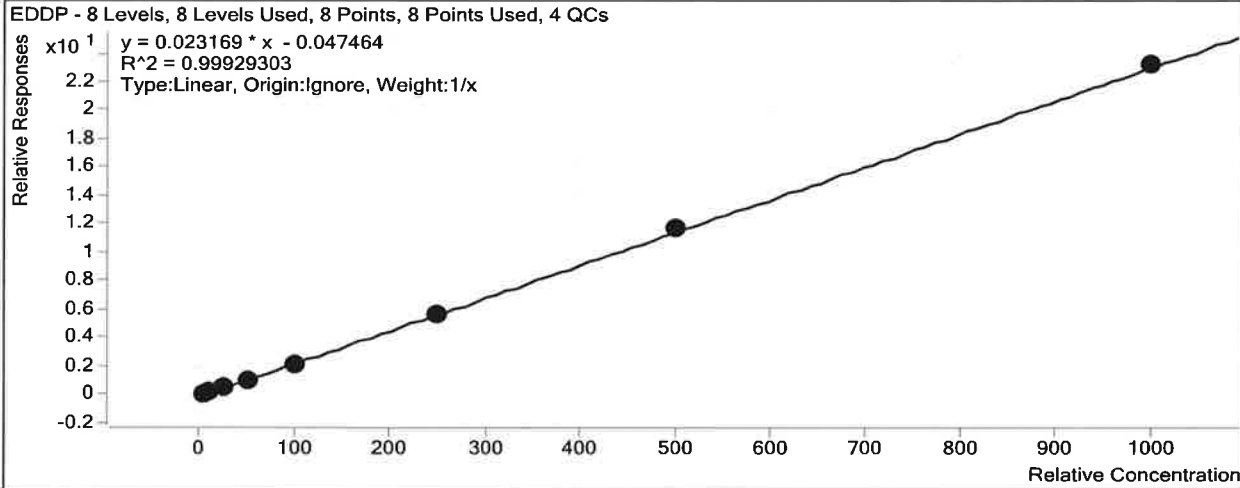
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.2
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.5	95.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.5	97.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.8	100.8
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	97.8	97.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.7	98.7
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	248.2	99.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	523.8	104.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	979.5	98.0
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	899.2	89.9

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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

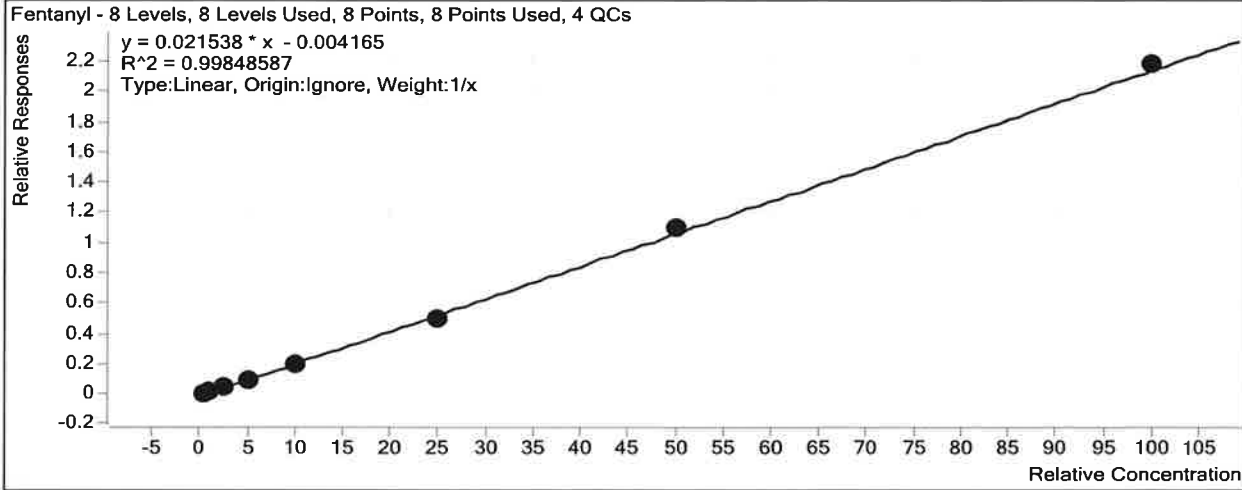


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
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b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.0
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.8	107.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.5	94.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.7	93.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.7	93.7
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	93.9	93.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.8	98.3
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	233.5	93.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	510.6	102.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1003.9	100.4
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	952.4	95.2

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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

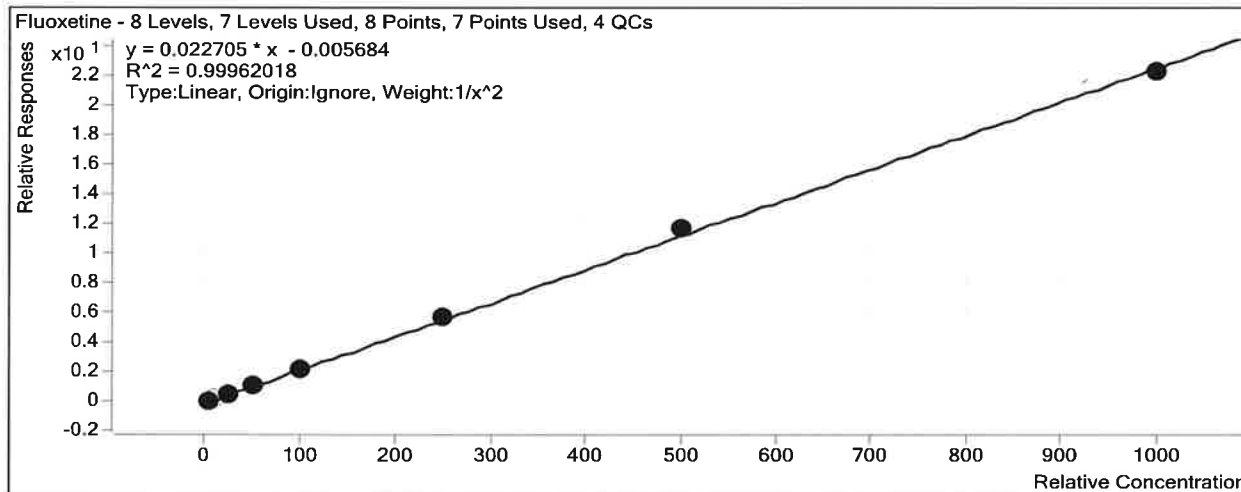


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	121.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	101.7
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	1	1.1	114.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	92.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	93.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.4	94.1
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	8.5	84.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.3	93.1
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	21.2	85.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	51.4	102.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	101.3	101.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	102.6	102.6

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



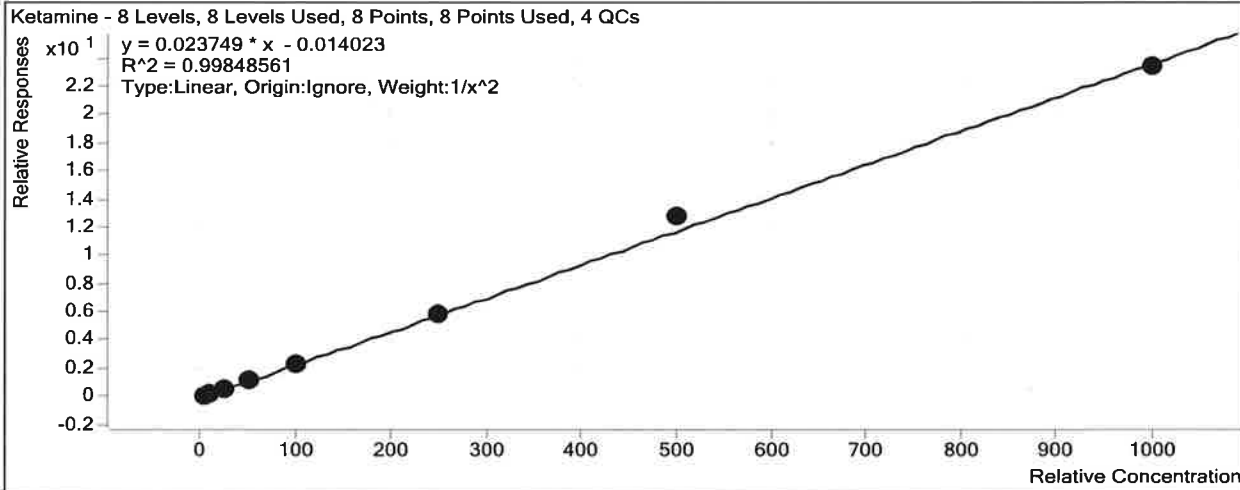
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.2
b cal 2-10ng	2	<input type="checkbox"/>	10	9.8	98.1 — Peak top cut off
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.5	104.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.1	100.1
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	101.6	101.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.2	100.5
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	249.0	99.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	516.9	103.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	982.9	98.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	963.1	96.3

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



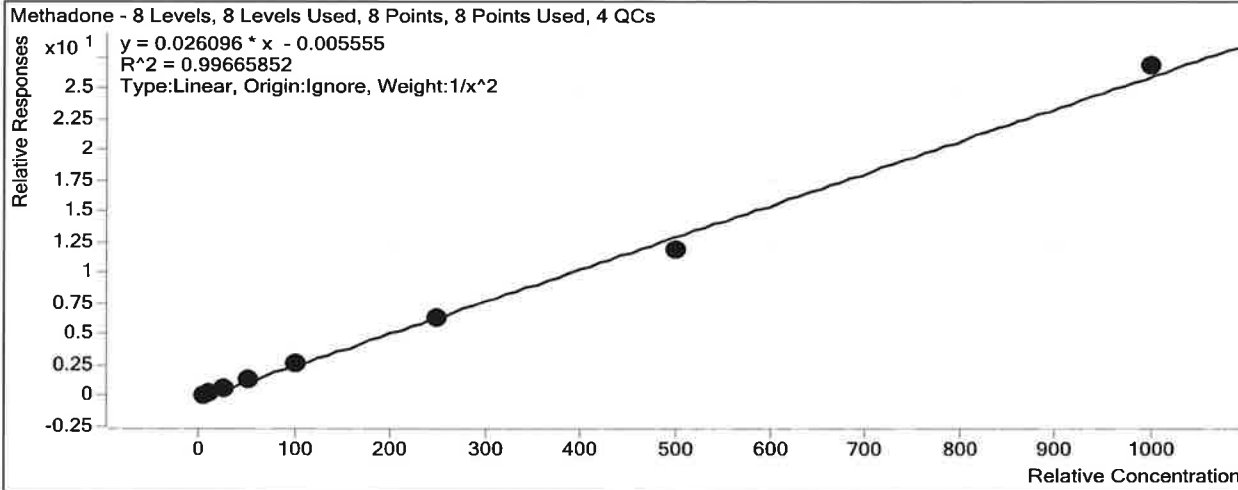
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.5
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.8	97.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.7	97.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.5	97.5
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	95.0	95.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.1	100.0
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	258.1	103.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	538.7	107.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	985.2	98.5
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	982.6	98.3

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



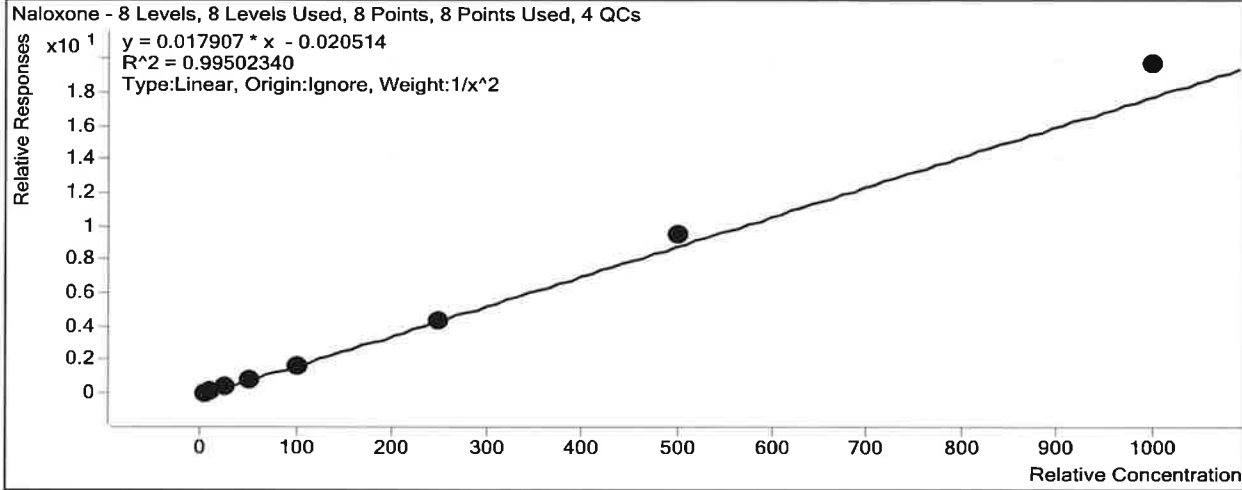
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.2
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	11.2	112.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.3	105.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.5	104.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.1	102.1
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	105.3	105.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.1	98.1
b QC 250 (QC3)	6	<input checked="" type="checkbox"/>	250	255.2	102.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	454.0	90.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1026.8	102.7
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1034.1	103.4



# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

**Target Compound** *Naloxone*  
**Internal Standard** *Naloxone-D5*



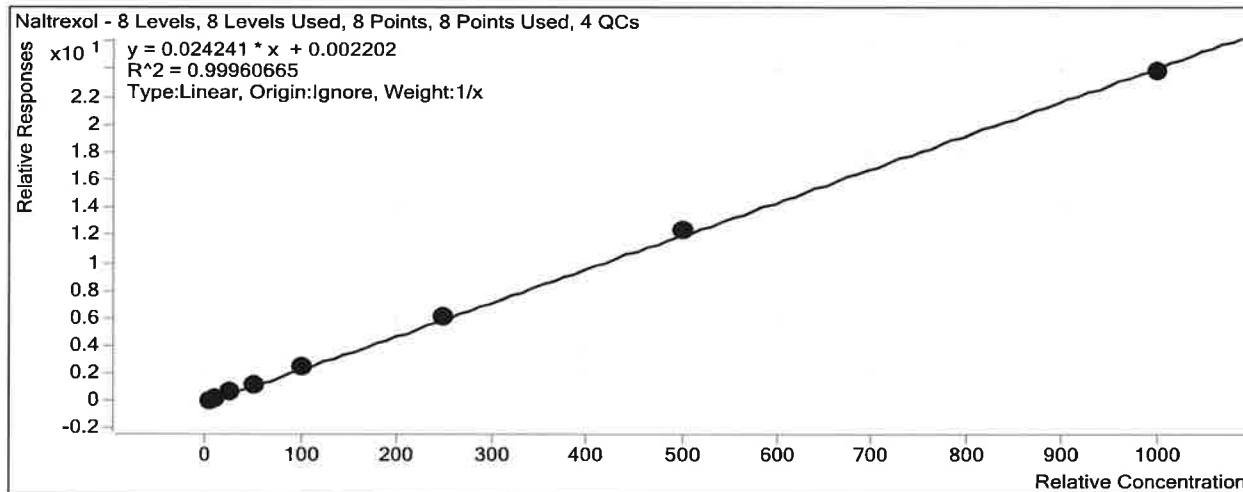
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.7
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.1	91.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.6	94.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.0	94.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.7	95.7
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	89.6	89.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.8	99.5
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	245.6	98.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	531.4	106.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1103.0	110.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1094.6	109.5

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

**Target Compound** Naltrexol  
**Internal Standard** Naltrexol-D3



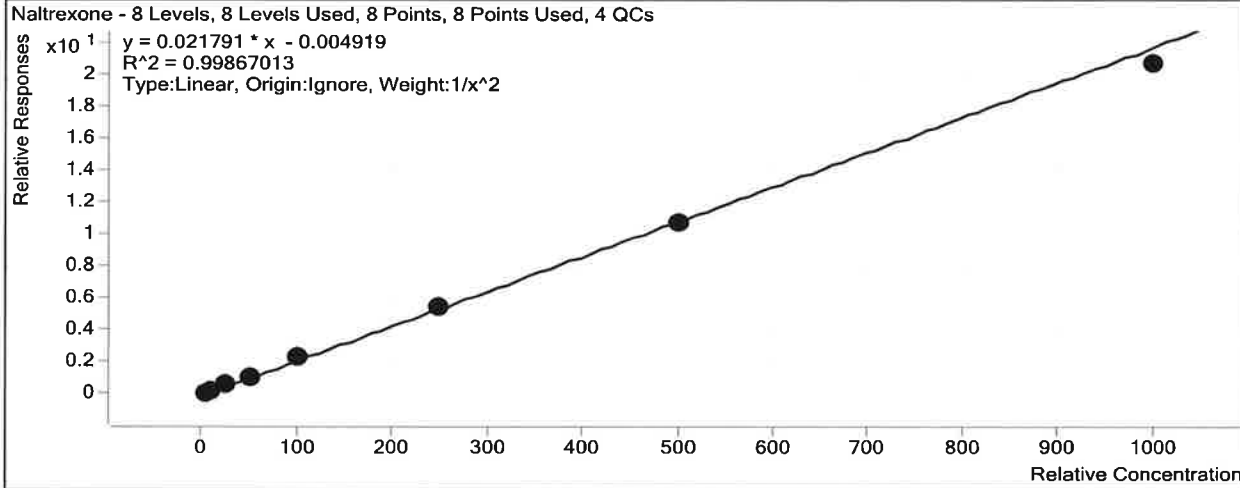
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	93.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.2
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.4	94.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.3	102.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.4	103.4
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	101.5	101.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.9	100.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	251.3	100.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.8	102.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	983.4	98.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	975.3	97.5

TS

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

**Target Compound** Naltrexone  
**Internal Standard** Naltrexone-D3

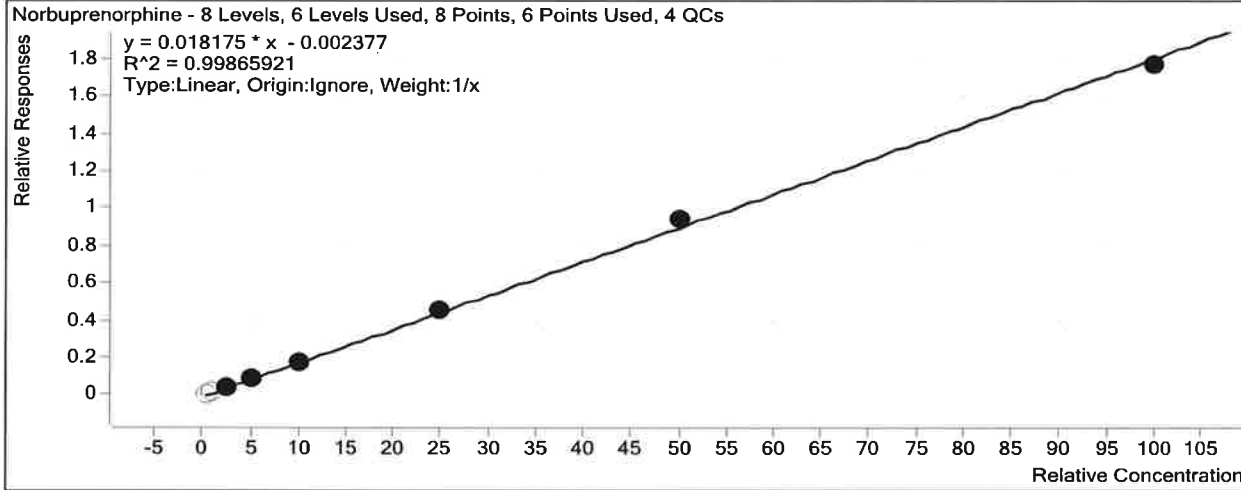


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.1
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.2	101.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.5	101.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.1	104.1
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.8	100.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	247.9	99.1
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	246.0	98.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	491.2	98.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	946.7	94.7
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	945.5	94.5

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	0.6	119.6
b cal 2-10ng	2	<input type="checkbox"/>	1	1.2	119.0
b QC 10 ( QC1)	2	<input type="checkbox"/>	1	0.7	67.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	101.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	94.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.0	99.9
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	8.6	86.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.4	101.4
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	24.4	97.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	52.4	104.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	97.5	97.5
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	96.9	96.9

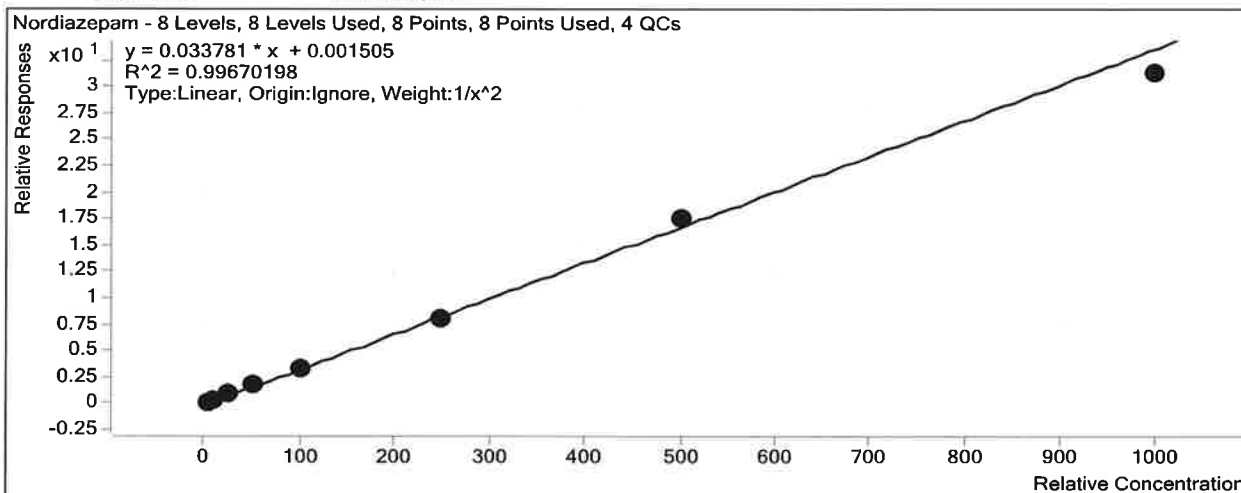
• Compound not evaluated

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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

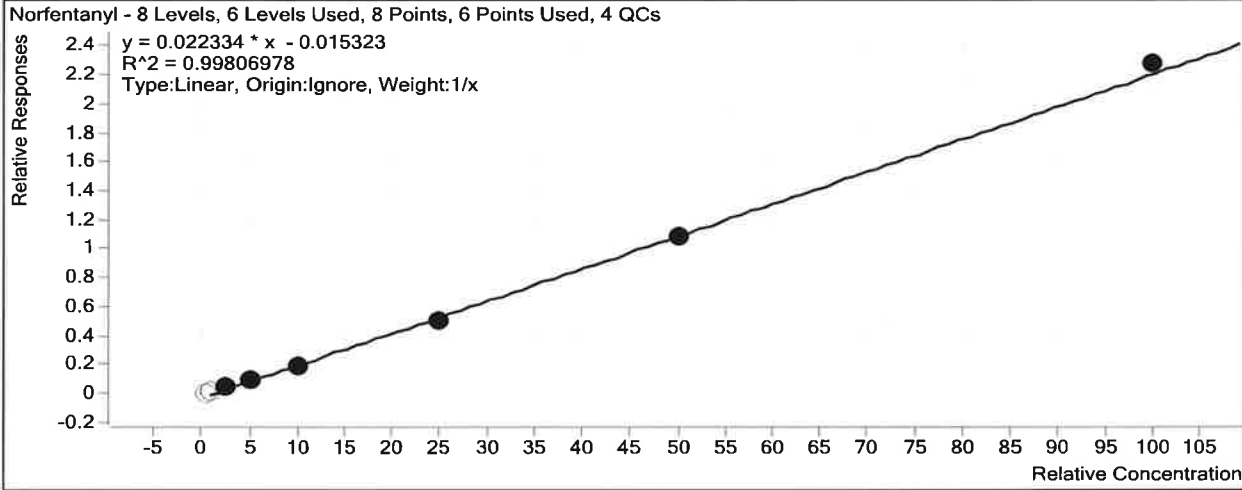


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.6
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.1	100.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.7	102.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.1	108.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.0	99.0
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	106.8	106.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	237.0	94.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	264.2	105.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	518.5	103.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	925.5	92.6
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1049.8	105.0

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



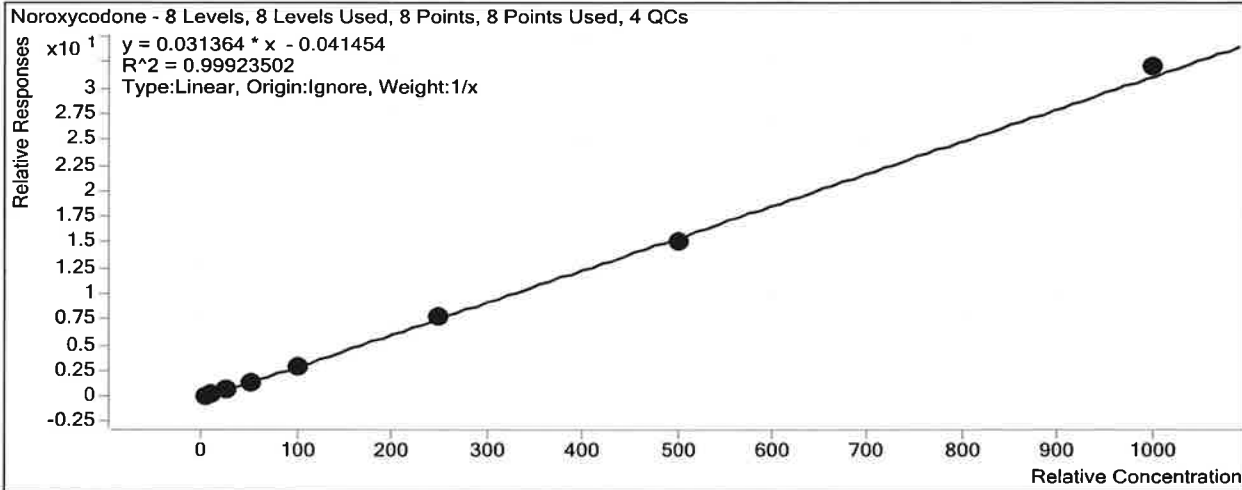
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	1.0	209.7
b cal 2-10ng	2	<input type="checkbox"/>	1	1.5	149.2
<del>b QC 10 (QC1)</del>	<del>2</del>	<del><input checked="" type="checkbox"/></del>	<del>1</del>	<del>1.4</del>	<del>139.9</del> <i>Outside curve range</i>
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.9	114.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.8	96.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.4	94.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	9.4	93.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.2	92.9
b QC 250 (QC3)	6	<input checked="" type="checkbox"/>	25	23.4	93.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.6	99.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	102.5	102.5
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	104.4	104.4

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



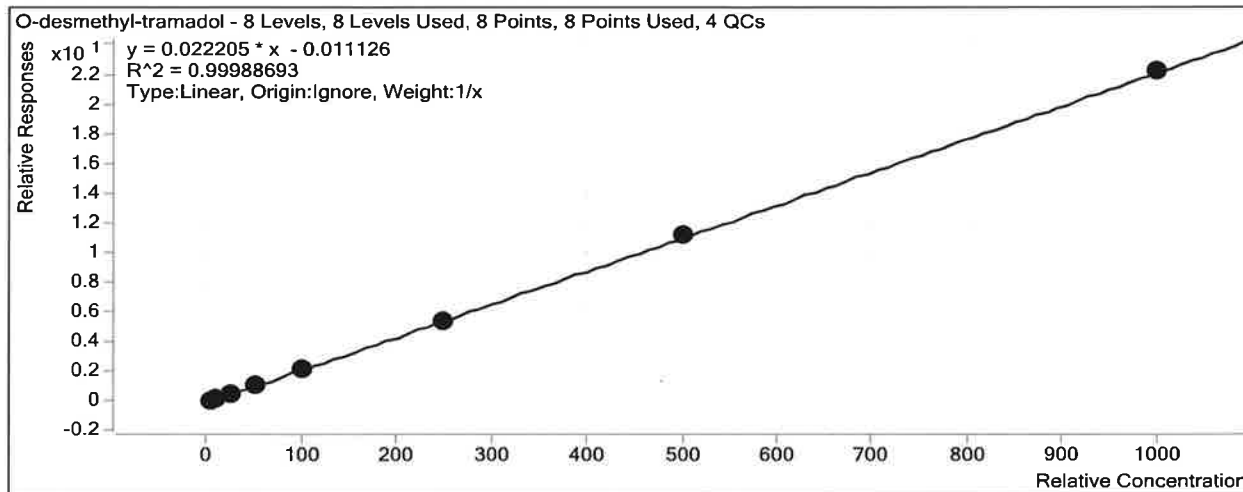
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	108.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.6	105.8
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.0	100.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.3	94.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.7	97.7
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	95.9	95.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.2	98.5
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	247.6	99.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	485.3	97.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1023.5	102.4
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	960.8	96.1

# ISP Forensics Calibration Curve Report

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**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



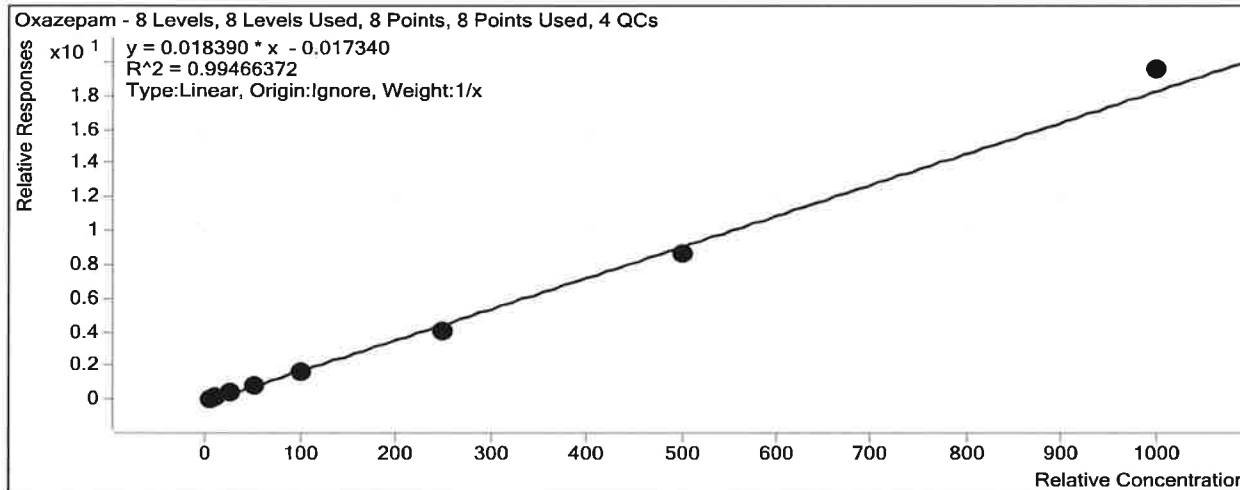
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.2
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.2	101.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.3	98.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.0	98.0
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.6	100.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.8	98.7
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	242.7	97.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	507.0	101.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	998.8	99.9
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	973.5	97.3



# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

**Target Compound** Oxazepam  
**Internal Standard** Oxazepam-D5



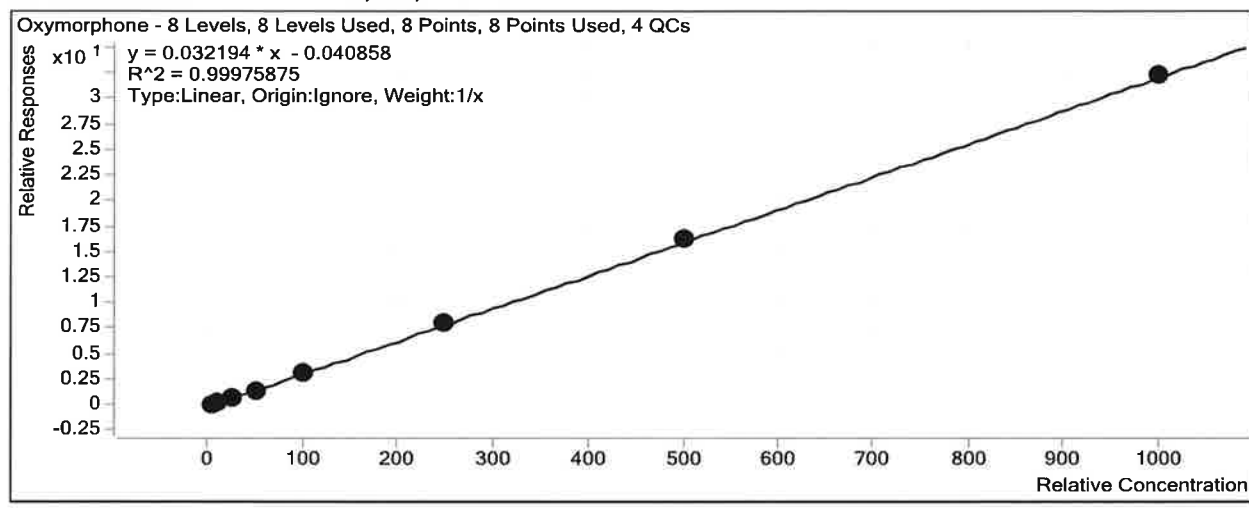
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.6	111.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	107.5
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.9	99.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	90.6	90.6
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.4	99.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	222.1	88.9
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	237.8	95.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	473.2	94.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1062.8	106.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	947.7	94.8

TS

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



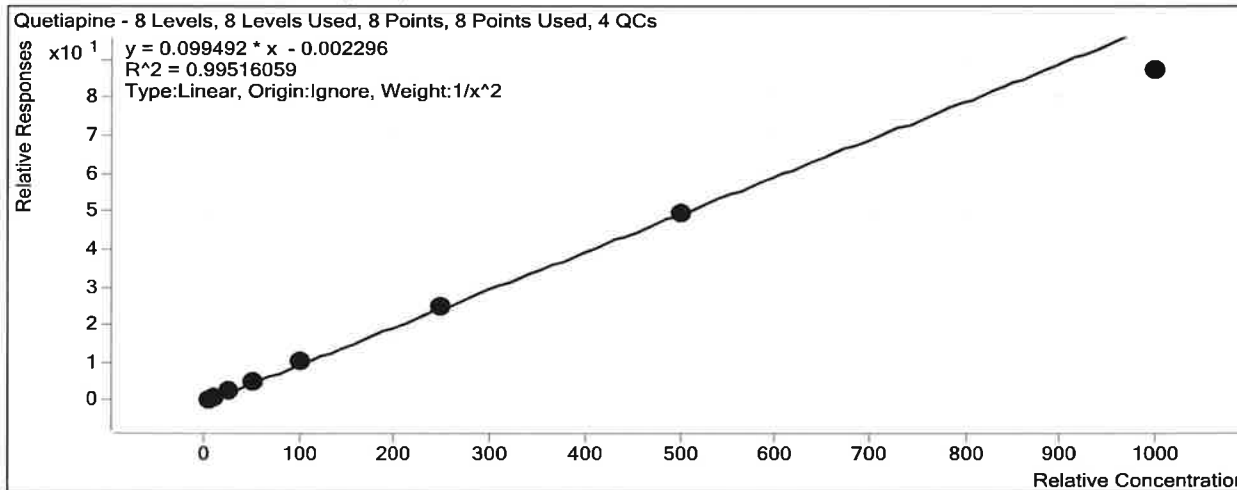
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.6	111.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.5
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.2	102.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.2	94.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.5	97.5
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	98.2	98.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.0	99.2
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	248.4	99.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	506.2	101.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1001.6	100.2
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	988.0	98.8

# ISP Forensics Calibration Curve Report

15

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



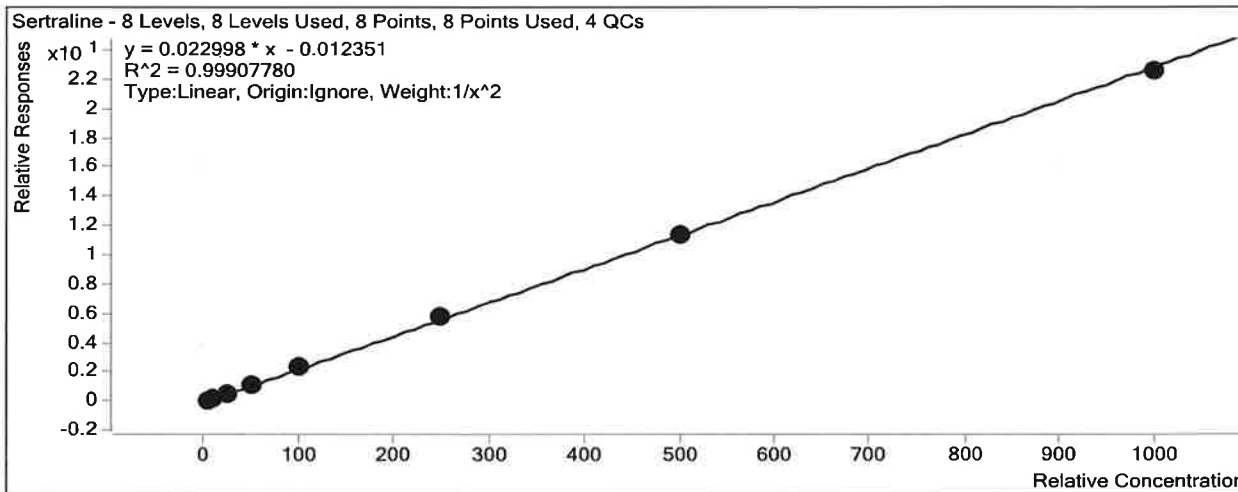
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	106.7
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.7	106.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.9	103.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.2	100.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.3	105.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	117.6	117.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.2	100.9
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	281.3	112.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.7	99.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	876.5	87.6
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	925.6	92.6

TS

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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

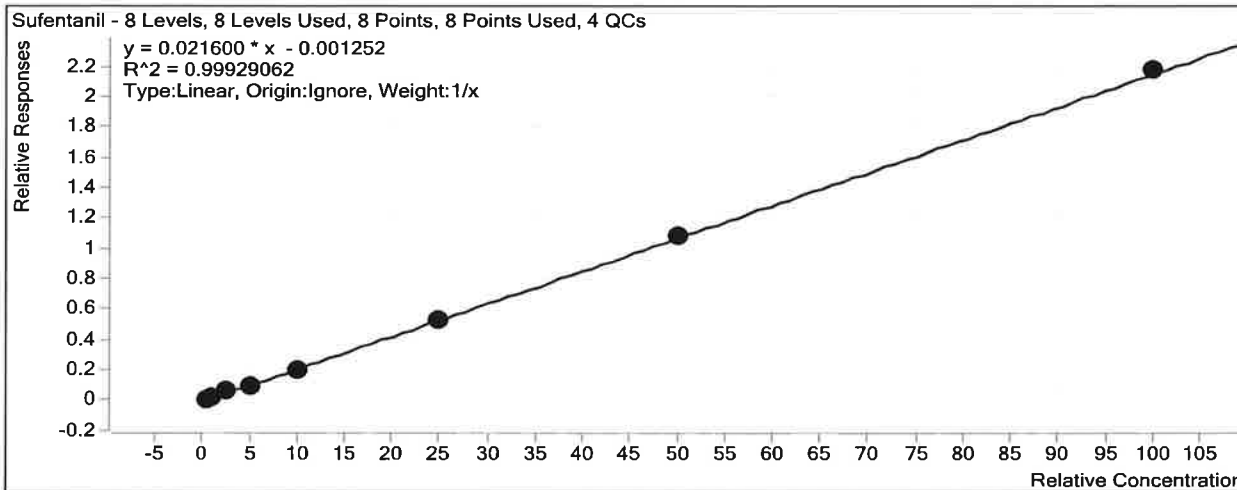


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	105.3
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.7	97.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.7	97.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.8	100.8
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	103.2	103.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.3	101.3
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	270.5	108.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.4	99.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	980.6	98.1
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1092.3	109.2

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

**Target Compound** Sufentanil  
**Internal Standard** Sufentanil-D5

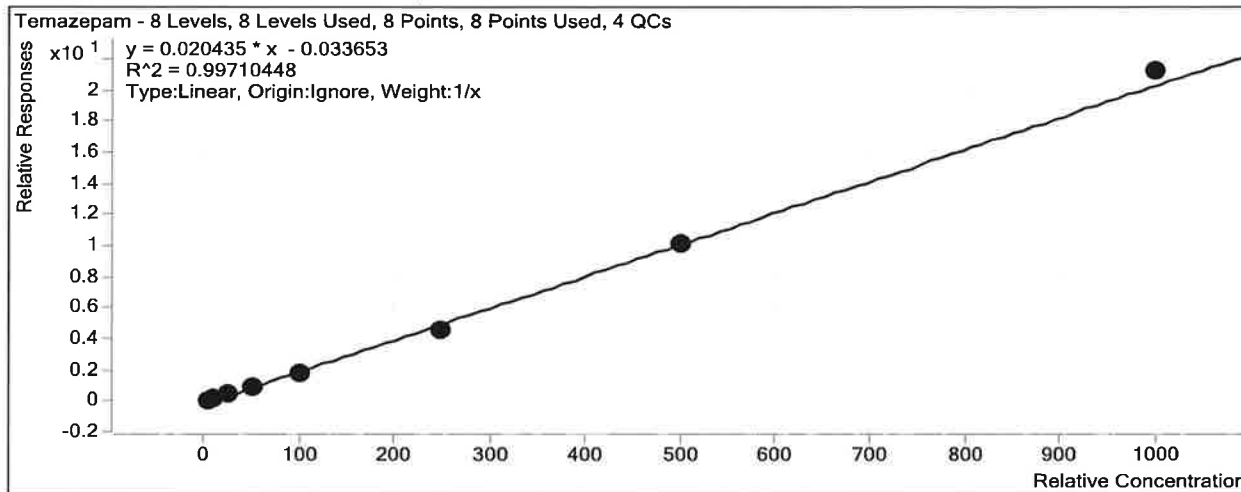


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	95.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.1	111.9
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	1	1.1	107.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.7	107.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	93.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.2	92.0
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	9.6	96.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.8	99.1
b QC 250 (QC3)	6	<input checked="" type="checkbox"/>	25	22.4	89.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	50.5	100.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	100.7	100.7
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	101.8	101.8

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.batch.bin  
**Last Calib Update** 1/19/2018 4:19 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.9	118.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.9	109.5
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.9	109.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.5	94.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.3	94.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	89.1	89.1
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	90.7	90.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	228.2	91.3
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	247.0	98.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.0	99.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1039.1	103.9
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1041.7	104.2

# ISP FORENSICS - Pocatello Instrument # 59740

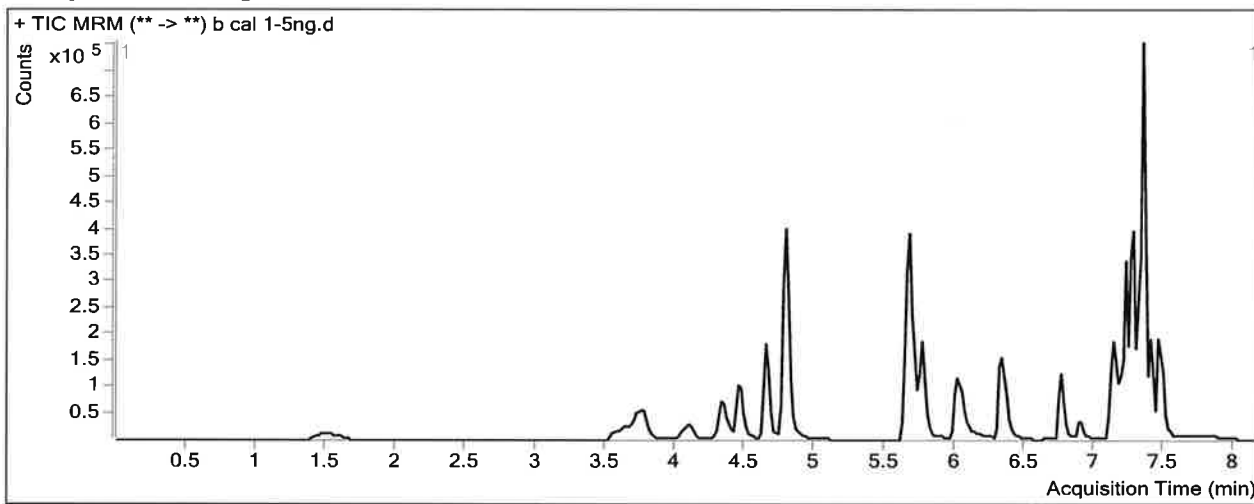
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.1  
**Analysis Time** 1/19/2018 4:19 PM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:29 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/19/2018 4:19 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 18:54 **Data File** b cal 1-5ng.d  
**Sample Type** Calibration **Sample Name** b cal 1-5ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.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	1.508	18619	134410	0.1385	5.5719
Dihydrocodeine	Dihydrocodeine-D6	3.675	12742	154897	0.0823	4.9638
Naloxone	Naloxone-D5	3.811	26559	366067	0.0726	5.1971
Noroxycodone	Noroxycodone-D3	4.119	18734	145995	0.1283	5.4130
Naltrexone	Naltrexone-D3	4.351	27780	268926	0.1033	4.9661
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	5441	435514	0.0125	0.5133
Naltrexol	Naltrexol-D3	4.669	60973	528417	0.1154	4.6693
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	131709	1287448	0.1023	5.1082
Ketamine	Ketamine-D4	5.660	74665	702831	0.1062	5.0637
Norfentanyl	Norfentanyl-D5	5.703	6278	775852	0.0081	1.0484
alpha-PVP	alpha-PVP-d8	6.027	50790	497240	0.1021	5.0538
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	4049	571027	0.0071	0.5852
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.672</del>	<del>119</del>	<del>14065</del>	<del>0.0085</del>	<del>0.5980</del> <i>Not evaluated</i>
Fentanyl	Fentanyl-D5	6.760	3481	391455	0.0089	0.6062
EDDP	EDDP-D3	6.889	9753	104180	0.0936	6.0892
Quetiapine	Quetiapine-D8	7.138	87638	184972	0.4738	4.7852
Sufentanil	Sufentanil-D5	7.138	2551	282846	0.0090	0.4755
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	24984	186486	0.1340	6.1823
Methadone	Methadone-D9	7.222	77683	616409	0.1260	5.0422

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

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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>
Fluoxetine	Fluoxetine-D6	7.284	66881	618715	0.1081	5.0113
Oxazepam	Oxazepam-D5	7.288	28272	331973	0.0852	5.5740
Sertraline	Sertraline-D3	7.325	30033	301223	0.0997	4.8724
Temazepam	Temazepam-D5	7.347	101416	1160495	0.0874	5.9234
Buprenorphine	Buprenorphine-D4	7.376	3184	147154	0.0216	1.4503
Nordiazepam	Nordiazepam-D5	7.434	51355	305926	0.1679	4.9247
Diazepam	Diazepam-D5	7.470	38053	311814	0.1220	5.0563



# ISP FORENSICS - Pocatello Instrument # 59740

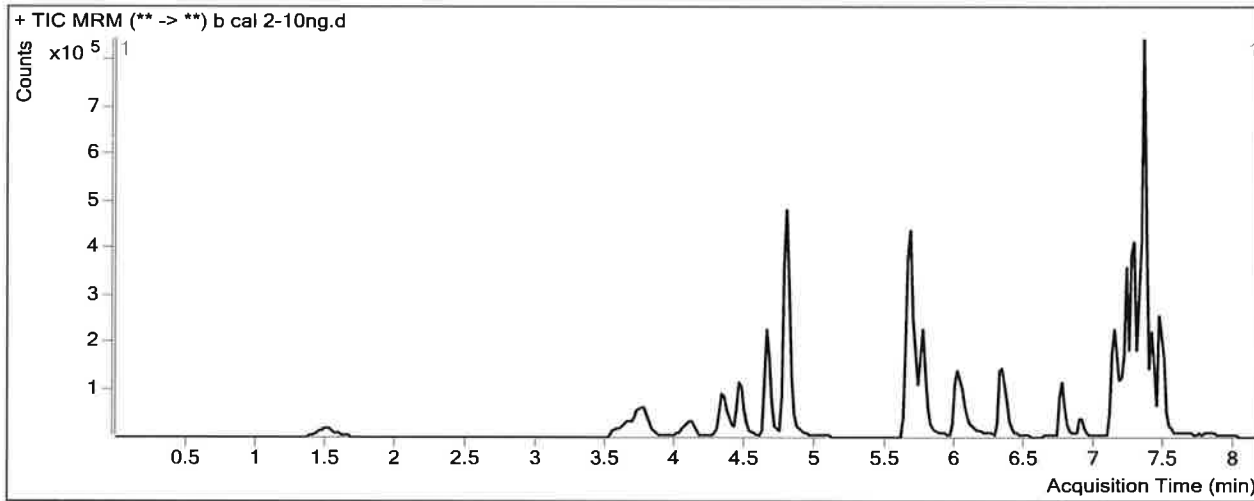
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.l  
**Analysis Time** 1/19/2018 4:19 PM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:30 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/19/2018 4:19 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 19:25 **Data File** b cal 2-10ng.d  
**Sample Type** Calibration **Sample Name** b cal 2-10ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.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	1.528	40651	143839	0.2826	10.0477
Dihydrocodeine	Dihydrocodeine-D6	3.675	29152	171266	0.1702	9.7173
Naloxone	Naloxone-D5	3.811	59385	393417	0.1509	9.5749
Noroxycodone	Noroxycodone-D3	4.119	44558	153424	0.2904	10.5816
Naltrexone	Naltrexone-D3	4.351	63925	302873	0.2111	9.9113
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	11957	467163	0.0256	0.9788
Naltrexol	Naltrexol-D3	4.669	136807	581064	0.2354	9.6219
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	301372	1396996	0.2157	10.2163
Ketamine	Ketamine-D4	5.660	166955	759570	0.2198	9.8457
Norfentanyl	Norfentanyl-D5	5.703	15284	849068	0.0180	1.4921
alpha-PVP	alpha-PVP-d8	6.027	110231	522499	0.2110	9.8154
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	7479	520429	0.0144	1.0446
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.672</del>	<del>250</del>	<del>12983</del>	<del>0.0193</del>	<del>1.1900</del> <i>Not evaluated</i>
Fentanyl	Fentanyl-D5	6.760	6587	371436	0.0177	1.0168
EDDP	EDDP-D3	6.889	18347	104885	0.1749	9.5983
Quetiapine	Quetiapine-D8	7.138	191742	181018	1.0592	10.6696
Sufentanil	Sufentanil-D5	7.138	5908	257795	0.0229	1.1190
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	41492	172520	0.2405	9.7691
Methadone	Methadone-D9	7.222	147385	606778	0.2429	9.5209

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

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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>
Fluoxetine	Fluoxetine-D6	7.263	125195	576952	0.2170	9.8075
Oxazepam	Oxazepam-D5	7.288	58850	326437	0.1803	10.7461
Sertraline	Sertraline-D3	7.325	60140	261679	0.2298	10.5303
Temazepam	Temazepam-D5	7.347	229887	1209742	0.1900	10.9463
Buprenorphine	Buprenorphine-D4	7.376	5216	136107	0.0383	1.7532
Nordiazepam	Nordiazepam-D5	7.414	110731	324344	0.3414	10.0616
Diazepam	Diazepam-D5	7.470	87137	342954	0.2541	9.9449

# ISP FORENSICS - Pocatello Instrument # 59740

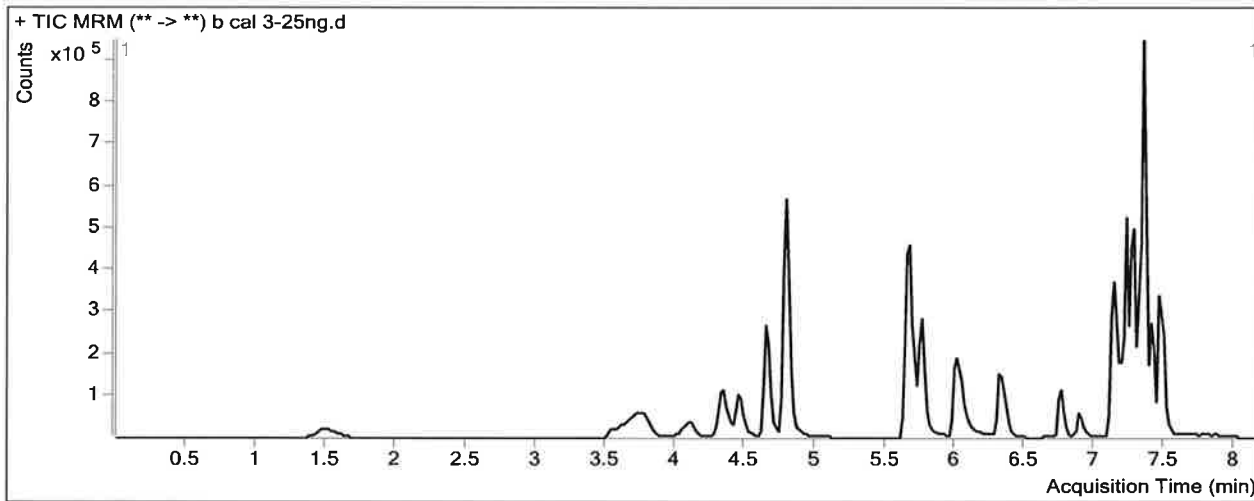
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.1  
**Analysis Time** 1/19/2018 4:19 PM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:30 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/19/2018 4:19 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 19:57 **Data File** b cal 3-25ng.d  
**Sample Type** Calibration **Sample Name** b cal 3-25ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.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	1.488	91254	125330	0.7281	23.8853
Dihydrocodeine	Dihydrocodeine-D6	3.675	71472	150921	0.4736	26.1113
Naloxone	Naloxone-D5	3.791	137167	341018	0.4022	23.6072
Noroxycodone	Noroxycodone-D3	4.119	94826	133631	0.7096	23.9469
Naltrexone	Naltrexone-D3	4.351	142067	252068	0.5636	26.0894
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	26941	419463	0.0642	2.3514
Naltrexol	Naltrexol-D3	4.669	317555	505353	0.6284	25.8320
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	682306	1266084	0.5389	24.7707
Ketamine	Ketamine-D4	5.660	388134	676194	0.5740	24.7597
Norfentanyl	Norfentanyl-D5	5.703	38109	787163	0.0484	2.8539
alpha-PVP	alpha-PVP-d8	6.027	277644	501780	0.5533	24.7945
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	19139	547743	0.0349	2.3426
Norbuprenorphine	Norbuprenorphine-D3	6.672	601	13695	0.0439	2.5461
Fentanyl	Fentanyl-D5	6.760	16533	363599	0.0455	2.3046
EDDP	EDDP-D3	6.889	52431	105279	0.4980	23.5432
Quetiapine	Quetiapine-D8	7.138	487131	189527	2.5702	25.8568
Sufentanil	Sufentanil-D5	7.138	12833	226645	0.0566	2.6792
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	111607	176287	0.6331	22.9874
Methadone	Methadone-D9	7.222	388252	569582	0.6816	26.3340

*Not evaluated*

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

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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>
Fluoxetine	Fluoxetine-D6	7.284	311287	555109	0.5608	24.9486
Oxazepam	Oxazepam-D5	7.288	117039	260733	0.4489	25.3522
Sertraline	Sertraline-D3	7.325	142206	251351	0.5658	25.1377
Temazepam	Temazepam-D5	7.347	493567	1105114	0.4466	23.5029
Buprenorphine	Buprenorphine-D4	7.376	12770	141749	0.0901	2.6925
Nordiazepam	Nordiazepam-D5	7.434	244340	281298	0.8686	25.6683
Diazepam	Diazepam-D5	7.470	195817	305697	0.6406	24.2537

# ISP FORENSICS - Pocatello Instrument # 59740

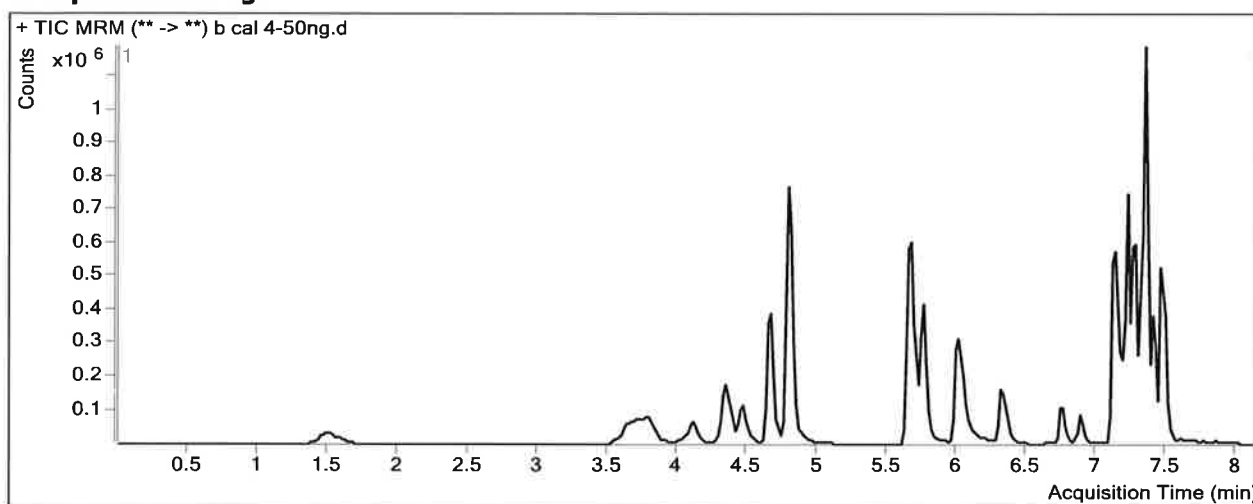
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.l  
**Analysis Time** 1/19/2018 4:19 PM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:30 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/19/2018 4:19 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 20:28 **Data File** b cal 4-50ng.d  
**Sample Type** Calibration **Sample Name** b cal 4-50ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.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	1.508	187917	127046	1.4791	47.2134
Dihydrocodeine	Dihydrocodeine-D6	3.695	145155	163553	0.8875	48.4817
Naloxone	Naloxone-D5	3.811	279292	339857	0.8218	47.0372
Noroxycodone	Noroxycodone-D3	4.139	199454	138456	1.4406	47.2523
Naltrexone	Naltrexone-D3	4.351	288609	263271	1.0962	50.5318
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	57685	439405	0.1313	4.7337
Naltrexol	Naltrexol-D3	4.669	653932	524977	1.2456	51.2958
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	1404246	1295769	1.0837	49.3058
Ketamine	Ketamine-D4	5.660	819128	716592	1.1431	48.7223
Norfentanyl	Norfentanyl-D5	5.703	77801	837623	0.0929	4.8450
alpha-PVP	alpha-PVP-d8	6.027	594735	529398	1.1234	49.7388
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	38112	536356	0.0711	4.6215
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.672</del>	<del>1146</del>	<del>13725</del>	<del>0.0835</del>	<del>4.7263</del> <i>Not evaluated</i>
Fentanyl	Fentanyl-D5	6.760	32161	332943	0.0966	4.6783
EDDP	EDDP-D3	6.889	110972	107147	1.0357	46.7499
Quetiapine	Quetiapine-D8	7.118	967878	193796	4.9943	50.2211
Sufentanil	Sufentanil-D5	7.138	22587	227143	0.0994	4.6616
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	214379	157889	1.3578	47.3866
Methadone	Methadone-D9	7.222	735015	538987	1.3637	52.4707

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.263	559613	506840	1.1041	48.8798
Oxazepam	Oxazepam-D5	7.288	189986	212175	0.8954	49.6339
Sertraline	Sertraline-D3	7.325	270262	243963	1.1078	48.7065
Temazepam	Temazepam-D5	7.347	887685	952016	0.9324	47.2765
Buprenorphine	Buprenorphine-D4	7.376	30730	132621	0.2317	5.2627
Nordiazepam	Nordiazepam-D5	7.414	461497	252306	1.8291	54.1010
Diazepam	Diazepam-D5	7.470	381355	301402	1.2653	47.3824

# ISP FORENSICS - Pocatello Instrument # 59740

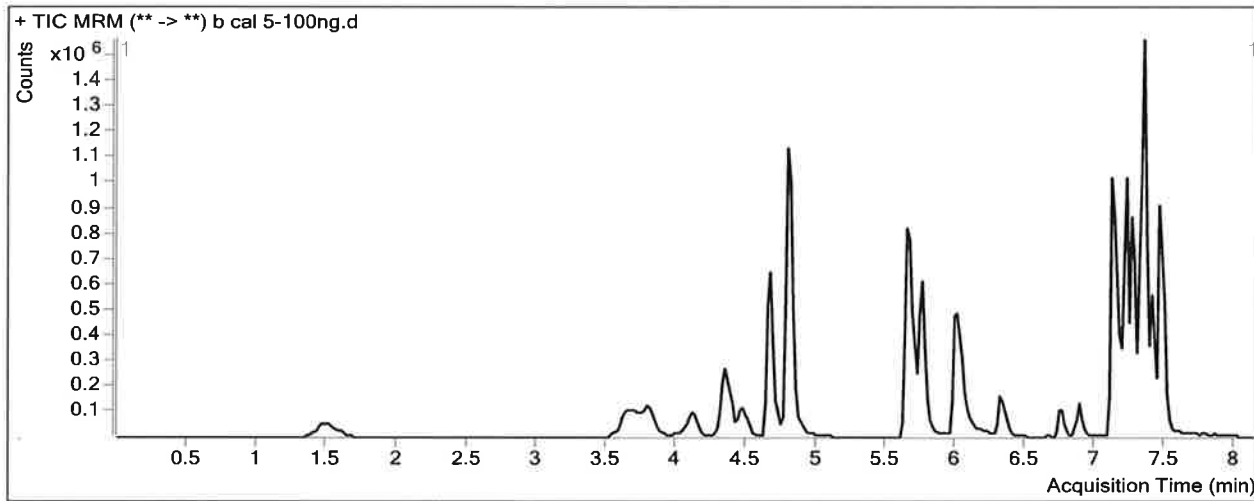
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.l  
**Analysis Time** 1/19/2018 4:19 PM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:30 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/19/2018 4:19 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 21:00 **Data File** b cal 5-100ng.d  
**Sample Type** Calibration **Sample Name** b cal 5-100ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.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	1.508	371362	119850	3.0986	97.5158
Dihydrocodeine	Dihydrocodeine-D6	3.675	290690	156708	1.8550	100.7658
Naloxone	Naloxone-D5	3.811	533435	314954	1.6937	95.7268
Noroxycodone	Noroxycodone-D3	4.119	367690	121614	3.0234	97.7207
Naltrexone	Naltrexone-D3	4.351	531765	234963	2.2632	104.0824
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	113212	417938	0.2709	9.6938
Naltrexol	Naltrexol-D3	4.669	1266903	505055	2.5084	103.3908
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	2752599	1271759	2.1644	97.9741
Ketamine	Ketamine-D4	5.660	1635244	710549	2.3014	97.4944
Norfentanyl	Norfentanyl-D5	5.703	152619	781449	0.1953	9.4309
alpha-PVP	alpha-PVP-d8	6.027	1149305	504395	2.2786	100.2822
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	71017	477695	0.1487	9.5185
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.652</del>	<del>2038</del>	<del>11366</del>	<del>0.1793</del>	<del>9.9944</del> <i>Not evaluated</i>
Fentanyl	Fentanyl-D5	6.760	59476	299601	0.1985	9.4103
EDDP	EDDP-D3	6.889	205079	96541	2.1243	93.7338
Quetiapine	Quetiapine-D8	7.118	1835296	175262	10.4718	105.2751
Sufentanil	Sufentanil-D5	7.138	39414	199594	0.1975	9.2000
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	403340	145683	2.7686	94.8876
Methadone	Methadone-D9	7.222	1377312	517815	2.6599	102.1405

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

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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>
Fluoxetine	Fluoxetine-D6	7.263	1001912	442012	2.2667	100.0840
Oxazepam	Oxazepam-D5	7.288	305462	185222	1.6492	90.6208
Sertraline	Sertraline-D3	7.325	474099	205538	2.3066	100.8338
Temazepam	Temazepam-D5	7.347	1654121	925326	1.7876	89.1261
Buprenorphine	Buprenorphine-D4	7.376	51529	117713	0.4378	9.0017
Nordiazepam	Nordiazepam-D5	7.414	768804	229843	3.3449	98.9719
Diazepam	Diazepam-D5	7.470	741050	260498	2.8447	105.8594



# ISP FORENSICS - Pocatello Instrument # 59740

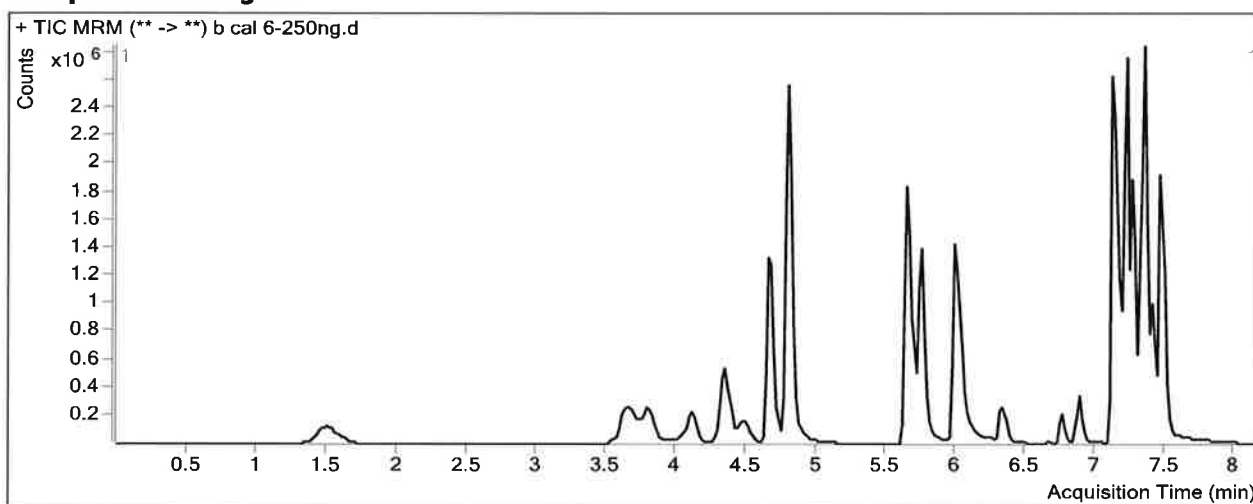
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 and 2 TS 010918\QuantResults\MDQ Panel 1b TS 010918.1  
**Analysis Time** 1/19/2018 4:19 PM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:30 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/19/2018 4:19 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 21:31 **Data File** b cal 6-250ng.d  
**Sample Type** Calibration **Sample Name** b cal 6-250ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.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	1.508	977737	123080	7.9439	248.0205
Dihydrocodeine	Dihydrocodeine-D6	3.675	776290	170427	4.5550	246.6799
Naloxone	Naloxone-D5	3.811	1306549	294655	4.4342	248.7639
Noroxycodone	Noroxycodone-D3	4.119	922294	120074	7.6811	246.2249
Naltrexone	Naltrexone-D3	4.351	1228788	227718	5.3961	247.8502
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	311553	445616	0.6992	24.9101
Naltrexol	Naltrexol-D3	4.669	3222770	527521	6.1093	251.9367
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	7447373	1361677	5.4693	246.8073
Ketamine	Ketamine-D4	5.660	4573707	771944	5.9249	250.0701
Norfentanyl	Norfentanyl-D5	5.703	414203	823062	0.5032	23.2193
alpha-PVP	alpha-PVP-d8	6.007	3365785	592070	5.6848	249.3175
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	225363	591052	0.3813	24.1968
Norbuprenorphine	Norbuprenorphine-D3	6.672	6535	14250	0.4586	25.3613 <i>Not evaluated</i>
Fentanyl	Fentanyl-D5	6.760	181142	364299	0.4972	23.2794
EDDP	EDDP-D3	6.889	628253	111247	5.6474	245.7933
Quetiapine	Quetiapine-D8	7.118	5080558	202516	25.0872	252.1754
Sufentanil	Sufentanil-D5	7.138	132569	248426	0.5336	24.7628
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	1250791	161661	7.7371	262.1728
Methadone	Methadone-D9	7.222	4302200	673139	6.3913	245.1304

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.263	2659186	466771	5.6970	251.1656
Oxazepam	Oxazepam-D5	7.288	477419	117372	4.0676	222.1287
Sertraline	Sertraline-D3	7.325	1251204	215252	5.8127	253.2870
Temazepam	Temazepam-D5	7.347	3485883	752971	4.6295	228.1987
Buprenorphine	Buprenorphine-D4	7.376	162509	134582	1.2075	22.9707
Nordiazepam	Nordiazepam-D5	7.414	1513213	188999	8.0065	236.9636
Diazepam	Diazepam-D5	7.470	1805933	272285	6.6325	246.0940

# ISP FORENSICS - Pocatello Instrument # 59740

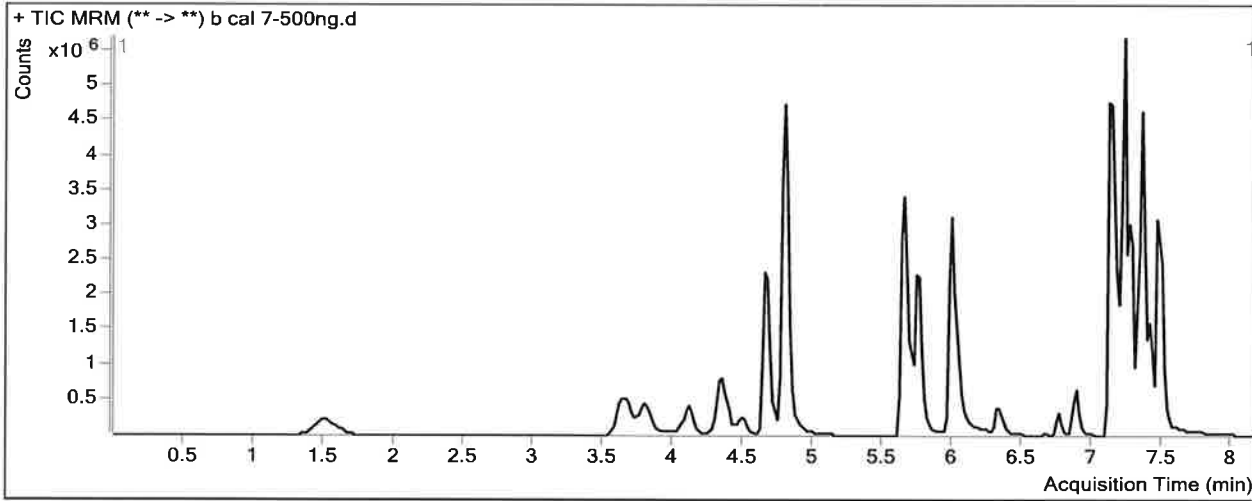
## Multi-Drug Confirmatory Analysis Report

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**Report Time** 1/22/2018 9:30 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/19/2018 4:19 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 22:03 **Data File** b cal 7-500ng.d  
**Sample Type** Calibration **Sample Name** b cal 7-500ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.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
Oxymorphone	Oxymorphone-D3	1.508	1909646	117476	16.2556	506.1946
Dihydrocodeine	Dihydrocodeine-D6	3.655	1652453	170672	9.6820	523.7589
Naloxone	Naloxone-D5	3.791	2334397	245864	9.4947	531.3599
Noroxycodone	Noroxycodone-D3	4.119	1744198	114896	15.1806	485.3407
Naltrexone	Naltrexone-D3	4.351	2093167	195627	10.6998	491.2353
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.503	650890	436090	1.4926	53.0996
Naltrexol	Naltrexol-D3	4.649	6266343	506939	12.3611	509.8459
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	15633643	1390024	11.2470	507.0067
Ketamine	Ketamine-D4	5.660	9772168	764610	12.7806	538.7407
Norfentanyl	Norfentanyl-D5	5.703	829444	759150	1.0926	49.6078
alpha-PVP	alpha-PVP-d8	6.007	7174277	577489	12.4232	544.1530
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	480423	624245	0.7696	48.6991
Norbuprenorphine	Norbuprenorphine-D3	6.672	12606	13277	0.9494	52.3692
Fentanyl	Fentanyl-D5	6.760	389753	353338	1.1031	51.4070
EDDP	EDDP-D3	6.889	1304782	110740	11.7824	510.5859
Quetiapine	Quetiapine-D8	7.118	9968845	200525	49.7137	499.6972
Sufentanil	Sufentanil-D5	7.138	285688	262459	1.0885	50.4508
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	2270221	180466	12.5798	425.2191
Methadone	Methadone-D9	7.222	7983450	674192	11.8415	453.9883

*Not evaluated*

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

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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>
Fluoxetine	Fluoxetine-D6	7.263	5157350	439660	11.7303	516.8942
Oxazepam	Oxazepam-D5	7.288	711406	81920	8.6842	473.1670
Sertraline	Sertraline-D3	7.325	2302266	202298	11.3805	495.3859
Temazepam	Temazepam-D5	7.347	5754184	569660	10.1011	495.9582
Buprenorphine	Buprenorphine-D4	7.376	332116	116996	2.8387	52.5724
Nordiazepam	Nordiazepam-D5	7.414	2451445	139939	17.5180	518.5238
Diazepam	Diazepam-D5	7.470	3346820	252407	13.2596	491.4502

# ISP FORENSICS - Pocatello Instrument # 59740

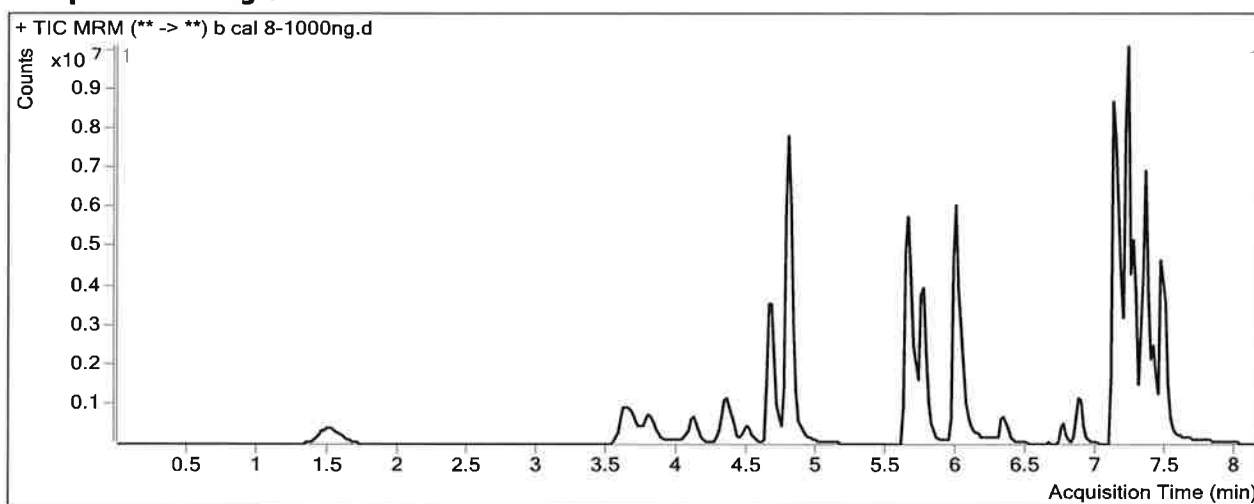
## Multi-Drug Confirmatory Analysis Report

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**Analysis Time** 1/19/2018 4:19 PM **Analyst Name** ISPUser  
**Report Time** 1/22/2018 9:30 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/19/2018 4:19 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-01-09 22:34 **Data File** b cal 8-1000ng.d  
**Sample Type** Calibration **Sample Name** b cal 8-1000ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.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	1.508	3424429	106338	32.2031	1001.5510
Dihydrocodeine	Dihydrocodeine-D6	3.635	3070055	169472	18.1154	979.5211
Naloxone	Naloxone-D5	3.791	3877751	196526	19.7315	1103.0192
Noroxycodone	Noroxycodone-D3	4.119	2988353	93212	32.0599	1023.5199
Naltrexone	Naltrexone-D3	4.351	3110898	150826	20.6257	946.7329
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.503	1238127	387251	3.1972	113.6656
Naltrexol	Naltrexol-D3	4.669	10594238	444380	23.8405	983.4077
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	28324209	1277729	22.1676	998.8111
Ketamine	Ketamine-D4	5.660	17982359	769053	23.3825	985.1527
Norfentanyl	Norfentanyl-D5	5.703	1479382	650327	2.2748	102.5431
alpha-PVP	alpha-PVP-d8	6.007	13057962	612921	21.3045	932.7444
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	1082035	663807	1.6300	102.9918
Norbuprenorphine	Norbuprenorphine-D3	6.652	22189	12538	1.7698	97.5027 <i>Not evaluated</i>
Fentanyl	Fentanyl-D5	6.760	766044	351780	2.1776	101.2975
EDDP	EDDP-D3	6.869	2582280	111246	23.2123	1003.9063
Quetiapine	Quetiapine-D8	7.118	16476112	188948	87.1991	876.4654
Sufentanil	Sufentanil-D5	7.138	579733	266807	2.1729	100.6511
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	4719891	148556	31.7718	1071.3950
Methadone	Methadone-D9	7.222	17718956	661427	26.7890	1026.7861

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

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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>
Fluoxetine	Fluoxetine-D6	7.263	7773184	348401	22.3110	982.9066
Oxazepam	Oxazepam-D5	7.288	1122645	57492	19.5270	1062.7774
Sertraline	Sertraline-D3	7.325	3643036	161630	22.5394	980.5944
Temazepam	Temazepam-D5	7.347	8884133	419076	21.1993	1039.0678
Buprenorphine	Buprenorphine-D4	7.376	620553	92684	6.6954	122.5607
Nordiazepam	Nordiazepam-D5	7.414	3216919	102884	31.2676	925.5401
Diazepam	Diazepam-D5	7.470	5284667	186330	28.3618	1050.5823