












**Worklist: 2374**

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2018-0834	1	114791	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-1093	1	114790	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-1195	2	114792	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-1223	1	114794	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-1364	5	114793	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-1416	1	114797	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-1659	3	114795	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-0802	1	114799	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-0804	1	114801	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-0843	1	114800	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-0844	1	114798	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-0845	1	114804	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-0856	1	114805	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-0877	2	114806	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-0878	2	114807	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-0888	1	114808	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-0889	1	114811	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-0906	1	114796	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-0907	1	114812	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-0931	1	114813	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-0957	1	114814	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-0998	1	114802	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	

TS

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

Extraction Date: 05/03/18  
Plate lot#: 0507680

Analyst: Tamara Salazar  
Plate Expiration: 06/05/18

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

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

**Blank Blood Lot:** 361331-2  
**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.

## Post-Analytic

- 1. Create batch and process data.  
Worklist path: *C:\Mass Hunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374*  
Batch Name: *MDQ P1a TS wklst 2374.batch.bin*  
*MDQ P1b TS wklst 2374.batch.bin*
- 2. Make necessary changes to integration limits
- 3. Integration linear and R<sup>2</sup> values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? Y / N \_\_\_\_\_ Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS: QC 1000 did not inject properly. The QC was reinjected at the end of the run.

*Not evaluated: Buprenorphine, Norbuprenorphine*

*Curves Limited: Amphetamine 5-500, Norhydrocodone 25-1000, Phentermine 10-1000, Norfentanyl 1-100*



# Idaho State Police Forensic Services

TS

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

**Analyst:** Tamara Salazar  
**Extraction Date:** 05/03/18  
**Worklist Number:** 2374

<i>Reagent</i>	<i>Lot Number</i>	<i>Expiration Date</i>	<i>Date in Service</i>	<i>Date Out of Service</i>	<i>Initials</i>
ToxBox Benzo/Opiate Quant Plate	0507680	06/05/2018			
Negative Blood	361331-2		12/27/17		
Methanol External Control Solution	121217	06/12/18	12/12/17		
Blood External Control Solution	WS121217	06/12/18	12/12/17		
0.5M Ammonium Hydroxide	032918	09/29/18	03/29/18		
Formic Acid (LCMS Grade)	095180B		11/15/17		
Water (LCMS Grade)	177528		03/05/18		
Methanol (LCMS Grade)	172517		03/19/18		
Ammonium Formate (LCMS Grade)	A0287238		01/30/17		
Ammonium Hydroxide (ACS grade or better)	053200		08/03/07		
Ethyl Acetate (ACS grade or better)	100362		06/26/17		
20% LCMS Methanol in LCMS Water	050118	Make Fresh	05/01/18		
5mM Ammonium Formate + 0.01% Formic Acid in Water (Mobile Phase A)	050118		05/01/18		
0.01% Formic Acid in Methanol (Mobile Phase B)	031918		03/19/18		
Needle Rinse--75% LCMS MeOH in LCMS Water	042418		04/24/18		

**Methanol External Control Solution (Lot: 121217)**  
100 ul each 1 mg/mL stock solution in 9600 ul MeOH

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	172516	
Trazodone	Cerilliant	FN12151403	01/01/2020
Ketamine	Cerilliant	FE01131504	02/01/2020
Morphine	Cerilliant	FE08141515	11/01/2020
Quetiapine	Cerilliant	FN02021502	02/01/2020
Prepared:	12/12/17		
Prepared By:	Tamara Salazar		
Expires:	06/12/18		

B

**Blood External Control Solution (Lot: WS121217)**

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

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Blood	Hemostat	361331-2 <span style="border: 1px solid red; padding: 2px;">361331-3</span> <sup>TS</sup>
Methanol External Control Solution		121217
Prepared:	12/12/17	
Prepared by:	Tamara Salazar	
Expires:	06/12/18	

**0.5M Ammonium Hydroxide (Lot: 032918)**

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Hydroxide (ACS grade or better)	Fisher	053200
DI Water	-	-
Prepared:	03/29/18	
Prepared By:	Tamara Salazar	
Expires:	09/29/18	

**20% LCMS Methanol in LCMS Water (Lot: Prepared Fresh)**

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
MeOH (LCMS Grade)	Fisher	177145
Water (LCMS Grade)	Fisher	177528

**5mM Ammonium Formate + 0.01% Formic Acid in Water (Lot: 050118)**

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Formate	Arcos Organics	A0287238
LCMS Water	Fisher	177528
Formic Acid	Fisher	095180B
Prepared:	05/01/18	
Prepared By:	Sarah Pickle	

**0.01% Formic Acid in LCMS Methanol (Mobile Phase B) (Lot: 031918)**

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Formic Acid	Fisher	095180B
MeOH (LCMS Grade)	Fisher	172517
Prepared:	03/19/18	
Prepared By:	Tamara Salazar	

**Needle Rinse (75% LCMS MeOH in LCMS Water) (Lot: 042418)**

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
MeOH (LCMS Grade)	Fisher	177145
Water (LCMS Grade)	Fisher	177528
Prepared:	04/24/18	
Prepared By:	Tamara Salazar	

TS

# ISP FORENSICS - Pocatello Instrument # 59740

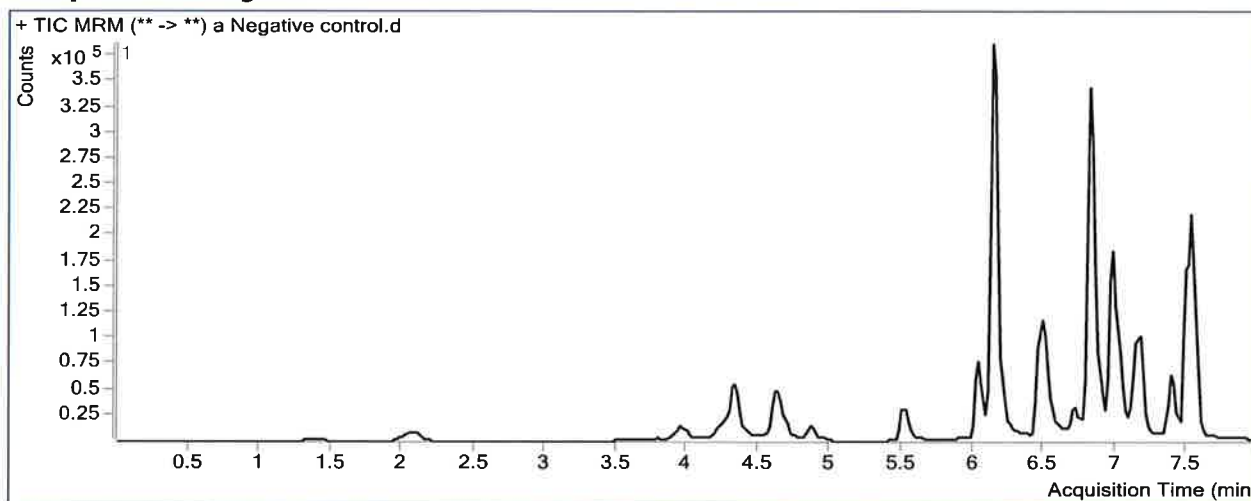
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1a TS wklist 2374.ba  
**Analysis Time** 5/7/2018 8:29 AM **Analyst Name** ISPUser  
**Report Time** 5/7/2018 8:34 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/7/2018 8:29 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-05-03 16:25 **Data File** a Negative control.d  
**Sample Type** Sample **Sample Name** a Negative control  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m  
**Position** P1-C11 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Bupropion	Bupropion-D9	6.730	2190	95317	0.0230	2.9246 <5 TS
Diphenhydramine	Diphenhydramine-D3	7.173	10804	239419	0.0451	3.1426 <5 TS
Promethazine	Promethazine-D3	7.368	5410	62616	0.0864	4.9282 <5 TS
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.480	875	90338	0.0097	1.8952 <5 TS

TS

# ISP FORENSICS - Pocatello Instrument # 59740

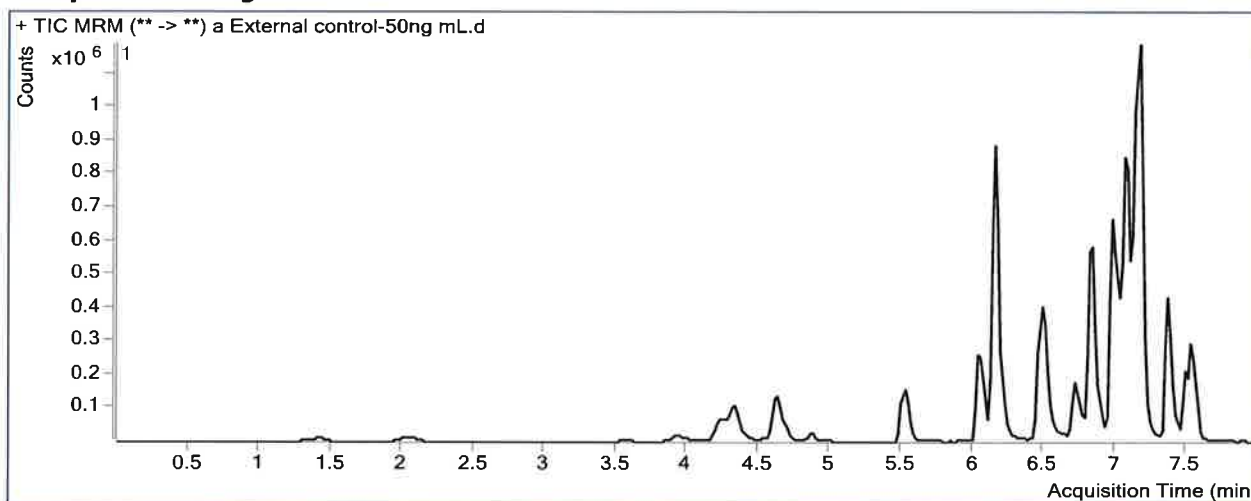
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1a TS wklist 2374.ba  
**Analysis Time** 5/7/2018 8:29 AM **Analyst Name** ISPUser  
**Report Time** 5/7/2018 8:34 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/7/2018 8:29 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-03 16:57 **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 1-19-2018.m  
**Position** P1-D11 **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
<u>Morphine</u>	Morphine-D6	1.388	47018	19229	2.4452	46.8217
Amphetamine	Amphetamine-D11	4.364	72034	312745	0.2303	2.8917 < 5 TS
Phentermine	Phentermine-D5	5.546	507	619430	0.0008	0.8729 < 10 TS
Tramadol	Tramadol-13C-D3	6.179	18804	2936100	0.0064	0.7146 < 5 TS
Bupropion	Bupropion-D9	6.750	1910	623768	0.0031	2.3056 < 5 TS
<u>Trazodone</u>	Trazodone-D6	7.076	1277177	848486	1.5052	49.7574
Promethazine	Promethazine-D3	7.368	4265	1329429	0.0032	1.9956 < 5 TS

TS

# ISP FORENSICS - Pocatello Instrument # 59740

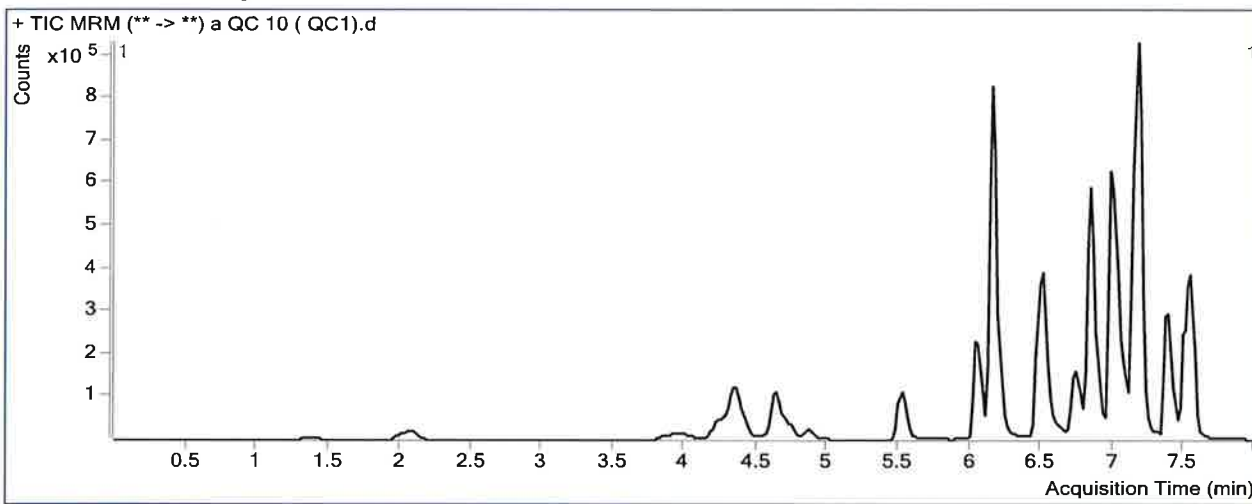
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1a TS wklist 2374.ba  
**Analysis Time** 5/7/2018 8:29 AM **Analyst Name** ISPUser  
**Report Time** 5/7/2018 8:34 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/7/2018 8:29 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-03 18:00 **Data File** a QC 10 ( QC1).d  
**Sample Type** QC **Sample Name** a QC 10 ( QC1)  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m  
**Position** P1-H11 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.408	9887	20480	0.4828	10.9575
Hydromorphone	Hydromorphone-D6	2.089	34307	121111	0.2833	10.5809
Codeine	Codeine-D6	4.013	14019	61051	0.2296	10.7726
Amphetamine	Amphetamine-D11	4.384	152575	220913	0.6907	9.5803
Oxycodone	Oxycodone-D6	4.370	119441	427618	0.2793	10.1501
Hydrocodone	Hydrocodone-D6	4.655	38428	238460	0.1611	9.9118
Norhydrocodone	Norhydrocodone-D3	4.699	1914	53968	0.0355	21.4049
Methamphetamine	Methamphetamine-D11	4.744	83079	243430	0.3413	9.5836
6-MAM	6-MAM-D6	4.869	1941	82528	0.0235	0.9964
Phentermine	Phentermine-D5	5.566	49583	451997	0.1097	9.8493
Dextrophan	Dextrophan-D3	6.042	72164	673478	0.1072	9.6865
7-aminoclonazepam	7-Aminoclonazepam-D4	6.154	94989	430358	0.2207	9.5582
Tramadol	Tramadol-13C-D3	6.179	497814	2319452	0.2146	10.0025
Doxylamine	Doxylamine-D5	6.502	256802	1428964	0.1797	10.3863
Bupropion	Bupropion-D9	6.750	107600	418015	0.2574	10.2105
Meprobamate	Meprobamate-D7	6.833	44455	171571	0.2591	10.0382
Zolpidem	Zolpidem-D6	6.862	292834	1872597	0.1564	8.8423
Venlafaxine	Venlafaxine-D6	6.986	410304	1663007	0.2467	10.6185
Trazodone	Trazodone-D6	7.076	136832	503456	0.2718	9.6629
Citalopram	Citalopram-D6	7.138	168892	803106	0.2103	10.5160

outside curve range. TS

TS

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

a QC 10 (QC1)

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	7.170	60894	253238	0.2405	10.1917
Diphenhydramine	Diphenhydramine-D3	7.173	325965	1865341	0.1747	9.7088
Promethazine	Promethazine-D3	7.368	183656	723691	0.2538	10.8277
Clonazepam	Clonazepam-D4	7.405	113161	102549	1.1035	10.0869
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.480	22363	104724	0.2135	10.5576
Carisoprodol	Carisoprodol-D7	7.514	102694	411842	0.2494	10.3933
Lorazepam	Clonazepam-D4	7.523	51141	102549	0.4987	10.2892
Alprazolam	Alprazolam-D5	7.547	212318	665093	0.3192	9.9722



TS

# ISP FORENSICS - Pocatello Instrument # 59740

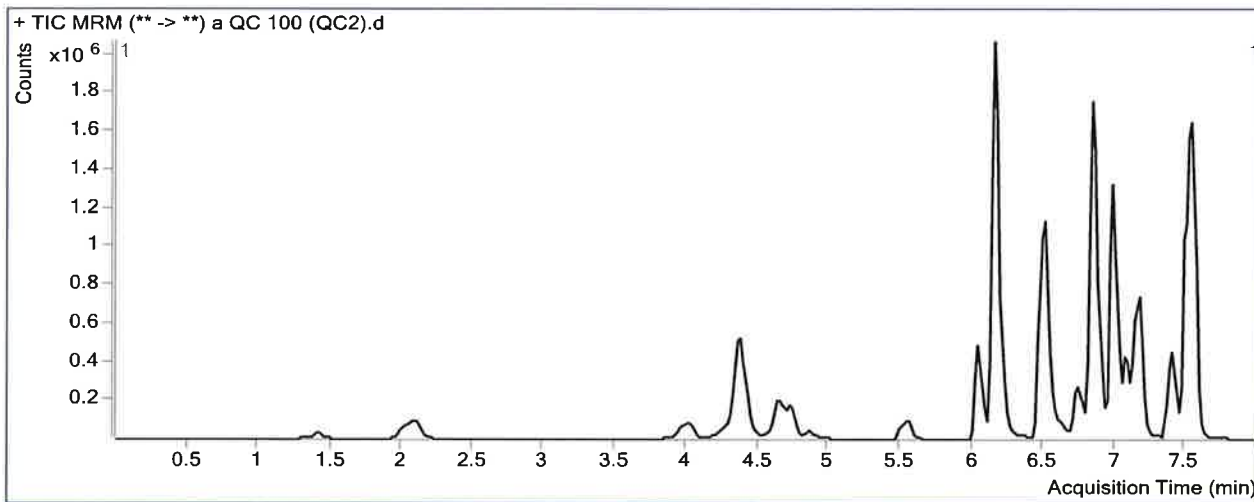
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1a TS wklist 2374.ba  
**Analysis Time** 5/7/2018 8:29 AM **Analyst Name** ISPUser  
**Report Time** 5/7/2018 8:35 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/7/2018 8:29 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-05-03 20:21 **Data File** a QC 100 (QC2).d  
**Sample Type** QC **Sample Name** a QC 100 (QC2)  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m  
**Position** P1-G11 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.408	102072	18448	5.5329	103.2496
Hydromorphone	Hydromorphone-D6	2.089	380583	116204	3.2751	98.3482
Codeine	Codeine-D6	4.013	136844	57589	2.3762	92.6165
Amphetamine	Amphetamine-D11	4.384	754984	111893	6.7474	97.5863
Oxycodone	Oxycodone-D6	4.370	1281857	404796	3.1667	99.0003
Hydrocodone	Hydrocodone-D6	4.655	402216	208885	1.9255	105.0616
Norhydrocodone	Norhydrocodone-D3	4.699	18689	42829	0.4364	86.4587
Methamphetamine	Methamphetamine-D11	4.744	538309	134600	3.9993	100.4436
6-MAM	6-MAM-D6	4.869	17427	77736	0.2242	9.1147
Phentermine	Phentermine-D5	5.566	288857	235517	1.2265	101.9201
Dextroprphan	Dextroprphan-D3	6.042	498940	426104	1.1709	96.5290
7-aminoclonazepam	7-Aminoclonazepam-D4	6.134	991160	388501	2.5512	109.4022
Tramadol	Tramadol-13C-D3	6.159	4404355	1988831	2.2145	99.2113
Doxylamine	Doxylamine-D5	6.502	1983179	903876	2.1941	104.7561
Bupropion	Bupropion-D9	6.750	433594	142317	3.0467	96.8996
Meprobamate	Meprobamate-D7	6.833	501201	163054	3.0738	112.6425
Zolpidem	Zolpidem-D6	6.862	3350456	1830896	1.8300	94.8881
Venlafaxine	Venlafaxine-D6	6.986	2641374	987470	2.6749	100.8542
Trazodone	Trazodone-D6	7.076	623707	195631	3.1882	104.4630
Citalopram	Citalopram-D6	7.118	478768	203534	2.3523	99.3214

TS

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

a QC 100 (QC2)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	7.150	141491	47320	2.9901	110.9034
Diphenhydramine	Diphenhydramine-D3	7.173	908479	461444	1.9688	100.5878
Promethazine	Promethazine-D3	7.368	324834	116531	2.7875	100.1376
Clonazepam	Clonazepam-D4	7.405	997090	75138	13.2702	109.4362
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.480	229471	97064	2.3641	101.9424
Carisoprodol	Carisoprodol-D7	7.514	1181405	418032	2.8261	97.0066
Lorazepam	Clonazepam-D4	7.523	328702	75138	4.3747	95.4079
Alprazolam	Alprazolam-D5	7.547	2354510	650242	3.6210	104.3336

TS

# ISP FORENSICS - Pocatello Instrument # 59740

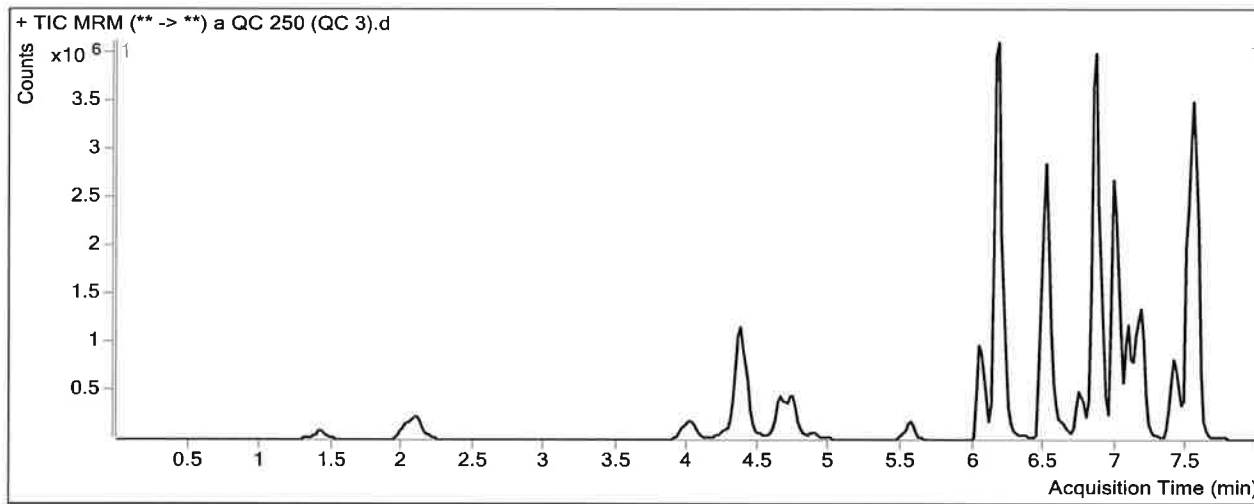
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1a TS wklist 2374.ba  
**Analysis Time** 5/7/2018 8:29 AM **Analyst Name** ISPUser  
**Report Time** 5/7/2018 8:35 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/7/2018 8:29 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-05-03 23:14 **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 1-19-2018.m  
**Position** P1-F11 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.408	273629	18931	14.4540	266.2869
Hydromorphone	Hydromorphone-D6	2.089	985824	119258	8.2663	244.7662
Codeine	Codeine-D6	4.013	369018	57991	6.3633	244.6324
Amphetamine	Amphetamine-D11	4.384	1631176	94092	17.3359	251.4398
Oxycodone	Oxycodone-D6	4.370	3246376	418986	7.7482	239.9832
Hydrocodone	Hydrocodone-D6	4.655	1011803	218403	4.6327	251.0552
Norhydrocodone	Norhydrocodone-D3	4.699	49978	39777	1.2564	219.5305
Methamphetamine	Methamphetamine-D11	4.744	1440292	135122	10.6592	265.8642
6-MAM	6-MAM-D6	4.869	45119	81444	0.5540	22.4577
Phentermine	Phentermine-D5	5.566	688416	230419	2.9877	247.1174
Dextrorphan	Dextrorphan-D3	6.042	1239785	406666	3.0487	249.8176
7-aminoclonazepam	7-Aminoclonazepam-D4	6.154	2306809	382153	6.0364	258.7113
Tramadol	Tramadol-13C-D3	6.179	10728193	1907133	5.6253	251.3522
Doxylamine	Doxylamine-D5	6.502	5065343	1025395	4.9399	233.3926
Bupropion	Bupropion-D9	6.750	802058	109375	7.3331	230.1193
Meprobamate	Meprobamate-D7	6.833	1098486	153470	7.1577	261.5084
Zolpidem	Zolpidem-D6	6.862	9267092	1954152	4.7423	244.6223
Venlafaxine	Venlafaxine-D6	6.986	6357088	983769	6.4620	241.5897
Trazodone	Trazodone-D6	7.076	1685304	226244	7.4490	242.9657
Citalopram	Citalopram-D6	7.138	1021928	182082	5.6125	234.4875

TS

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** a QC 250 (QC3)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	7.170	288296	39570	7.2858	268.2424
Diphenhydramine	Diphenhydramine-D3	7.193	1889599	403011	4.6887	238.3697
Promethazine	Promethazine-D3	7.368	693455	95622	7.2520	257.5025
Clonazepam	Clonazepam-D4	7.405	2030777	69366	29.2764	240.1373
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.480	507754	89708	5.6601	241.9997
Carisoprodol	Carisoprodol-D7	7.514	2731218	378786	7.2104	244.3781
Lorazepam	Clonazepam-D4	7.523	617667	69366	8.9045	194.8858
Alprazolam	Alprazolam-D5	7.547	5489843	634246	8.6557	248.2222

TS

# ISP FORENSICS - Pocatello Instrument # 59740

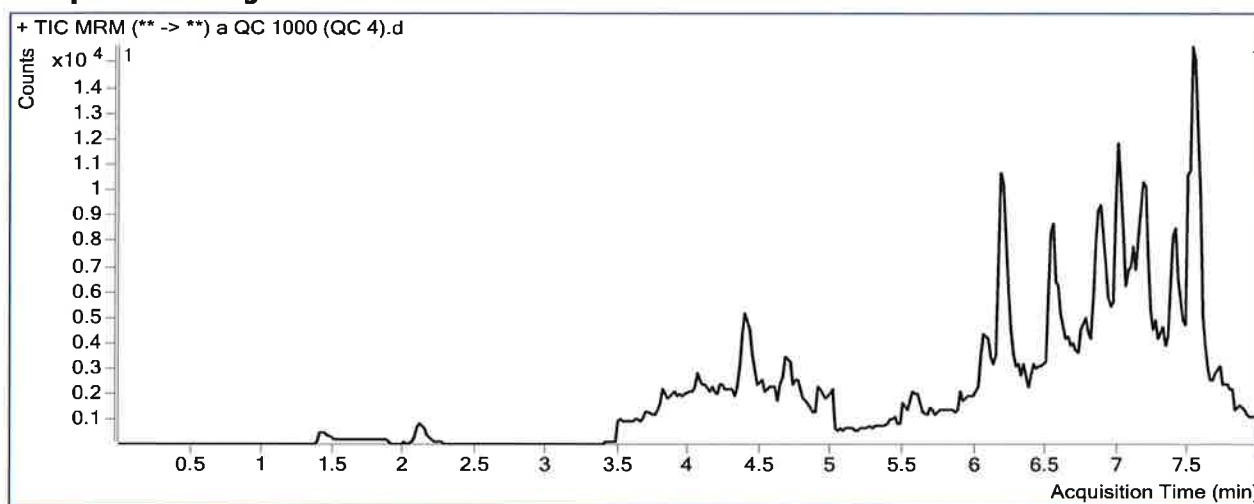
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1a TS wklist 2374.ba  
**Analysis Time** 5/7/2018 12:04 PM **Analyst Name** ISPUser  
**Report Time** 5/7/2018 12:07 PM **Reporter Name** ISPUser  
**Last Calib Update** 5/7/2018 12:03 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-04 01:51 **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 1-19-2018.m  
**Position** P1-E11 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Phentermine	Phentermine-D5	5.586	2327	421	5.5215	456.0143
Dextrophan	Dextrophan-D3	6.062	3024	741	4.0802	334.0271
7-aminoclonazepam	7-Aminoclonazepam-D4	6.174	4695	335	14.0186	600.6873
Tramadol	Tramadol-13C-D3	6.179	23449	2232	10.5047	469.0059
Zolpidem	Zolpidem-D6	6.882	15689	2331	6.7320	346.9242
Promethazine	Promethazine-D3	7.368	4706	4097	1.1487	42.3704
Clonazepam	Clonazepam-D4	7.424	7295	239	30.5644	250.6546
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.480	2496	250	9.9869	425.8581
Carisoprodol	Carisoprodol-D7	7.514	8018	806	9.9537	336.5863
Lorazepam	Clonazepam-D4	7.523	8369	239	35.0662	769.4135
Alprazolam	Alprazolam-D5	7.547	14481	1575	9.1957	263.6552

\* QC did not inject properly. Sample was re-injected. - TS

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

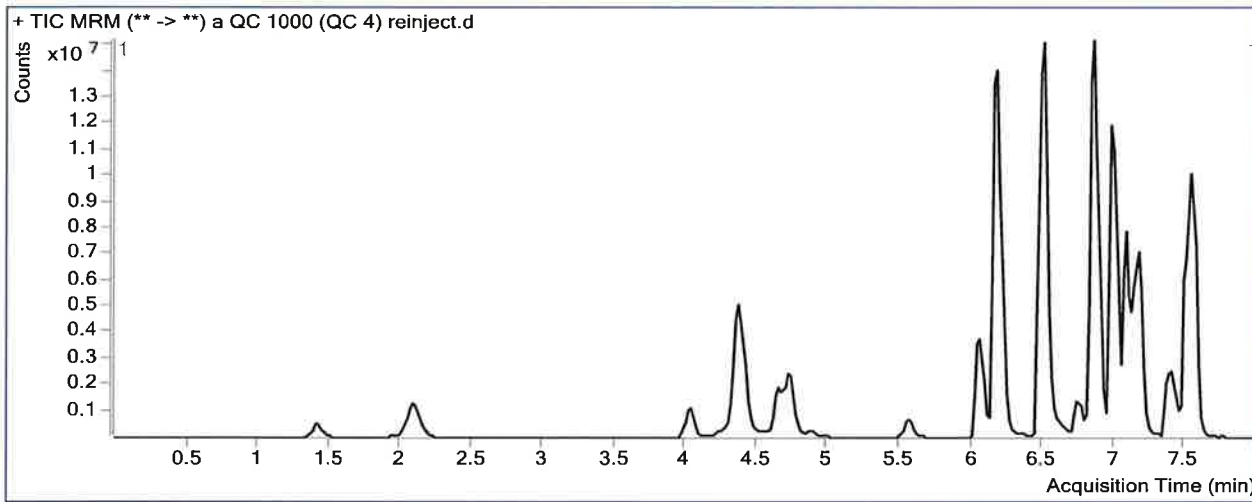
TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1a TS wklist 2374.ba  
**Analysis Time** 5/7/2018 8:29 AM **Analyst Name** ISPUser  
**Report Time** 5/7/2018 8:38 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/7/2018 8:29 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-05-04 09:44 **Data File** a QC 1000 (QC 4) reinject.d  
**Sample Type** QC **Sample Name** a QC 1000 (QC 4)  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m  
**Position** P1-E11 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.408	1164725	20124	57.8781	1059.8746
Hydromorphone	Hydromorphone-D6	2.089	4388924	126423	34.7161	1020.6788
Codeine	Codeine-D6	4.033	1443236	56618	25.4907	973.8989
<del>Amphetamine</del>	<del>Amphetamine-D11</del>	<del>4.364</del>	<del>5637539</del>	<del>105579</del>	<del>53.3966</del>	<del>775.4104</del>
Oxycodone	Oxycodone-D6	4.370	15633623	494684	31.6032	974.0552
Hydrocodone	Hydrocodone-D6	4.655	4453433	257420	17.3003	934.1878
Norhydrocodone	Norhydrocodone-D3	4.699	215610	37638	5.7284	945.1927
Methamphetamine	Methamphetamine-D11	4.744	7932449	191191	41.4896	1031.6404
6-MAM	6-MAM-D6	4.889	222591	90165	2.4687	99.9203
Phentermine	Phentermine-D5	5.566	3117775	250188	12.4617	1028.1868
Dextrorphan	Dextrorphan-D3	6.062	5496606	444363	12.3696	1010.7395
7-aminoclonazepam	7-Aminoclonazepam-D4	6.154	7546020	344757	21.8879	937.8244
Tramadol	Tramadol-13C-D3	6.179	47475911	2271819	20.8978	932.5988
Doxylamine	Doxylamine-D5	6.502	25513339	1364008	18.7047	878.2487
Bupropion	Bupropion-D9	6.750	2256623	78508	28.7440	895.5587
Meprobamate	Meprobamate-D7	6.853	3541488	137987	25.6654	936.1616
Zolpidem	Zolpidem-D6	6.862	40830495	2007759	20.3364	1046.3831
Venlafaxine	Venlafaxine-D6	6.986	32703138	1243811	26.2927	978.5398
Trazodone	Trazodone-D6	7.076	11446610	364535	31.4005	1021.5298
Citalopram	Citalopram-D6	7.138	6513643	275030	23.6834	983.7017

outside curve range. TS

TS

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

a QC 1000 (QC4)  
reject

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	7.170	1588545	58031	27.3739	1004.0163
Diphenhydramine	Diphenhydramine-D3	7.193	10725776	540174	19.8562	1006.6990
Promethazine	Promethazine-D3	7.368	5237694	182895	28.6376	1011.3015
Clonazepam	Clonazepam-D4	7.424	4915881	43844	112.1220	916.6265
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.480	1771414	76603	23.1245	984.1194
Carisoprodol	Carisoprodol-D7	7.514	8011591	274661	29.1690	982.4765
Lorazepam	Clonazepam-D4	7.523	1922744	43844	43.8542	962.4027
Alprazolam	Alprazolam-D5	7.547	17998064	488102	36.8736	1054.6671

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1a

TS wk1st 2374.batch.bin

**Last Calib Update**

5/7/2018 8:29 AM

**Analyst Name**

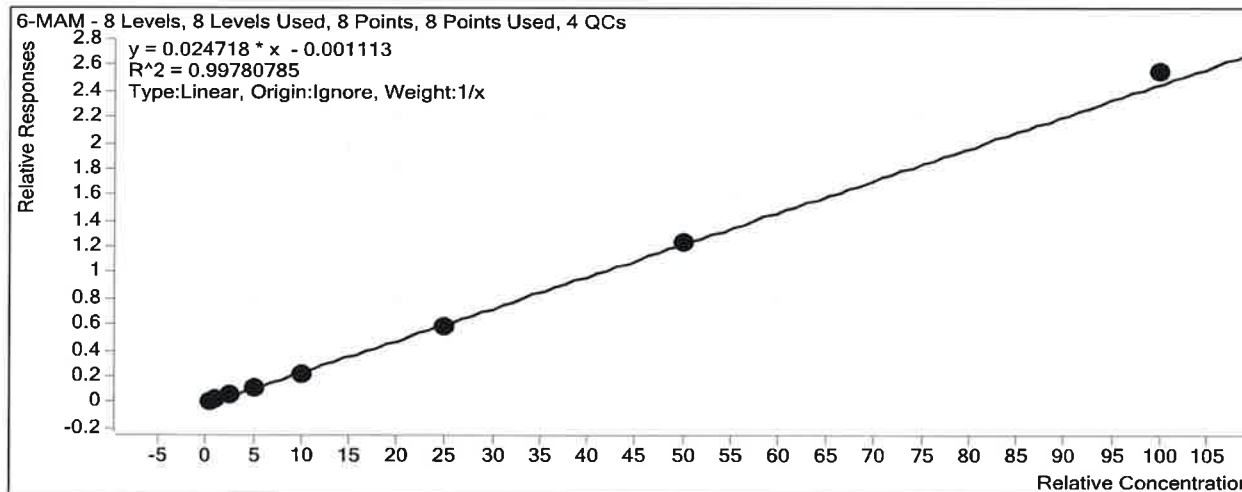
ISP TOX

**Target Compound**

6-MAM

**Internal Standard**

6-MAM-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	112.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.1	113.0
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	1	1.0	99.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	100.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.3	86.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.1	91.2
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	9.1	91.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.5	94.0
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	22.5	89.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.7	99.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	103.1	103.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	100	99.9	99.9



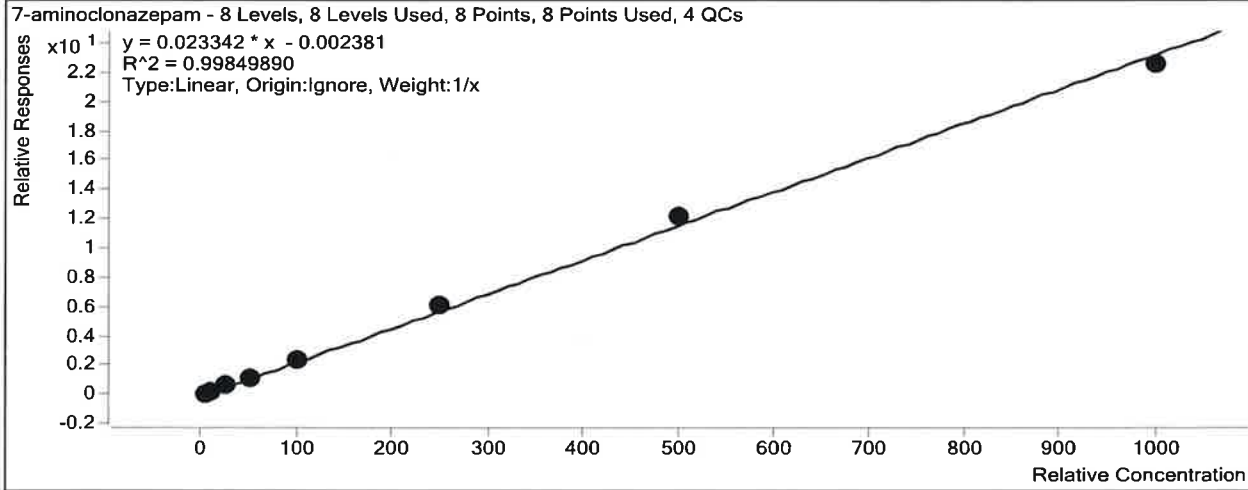
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1a  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	4.6	91.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.1
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.6	95.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.9	101.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.3	104.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	109.4	109.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.9	103.6
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	258.7	103.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	521.1	104.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	965.3	96.5
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	937.8	93.8

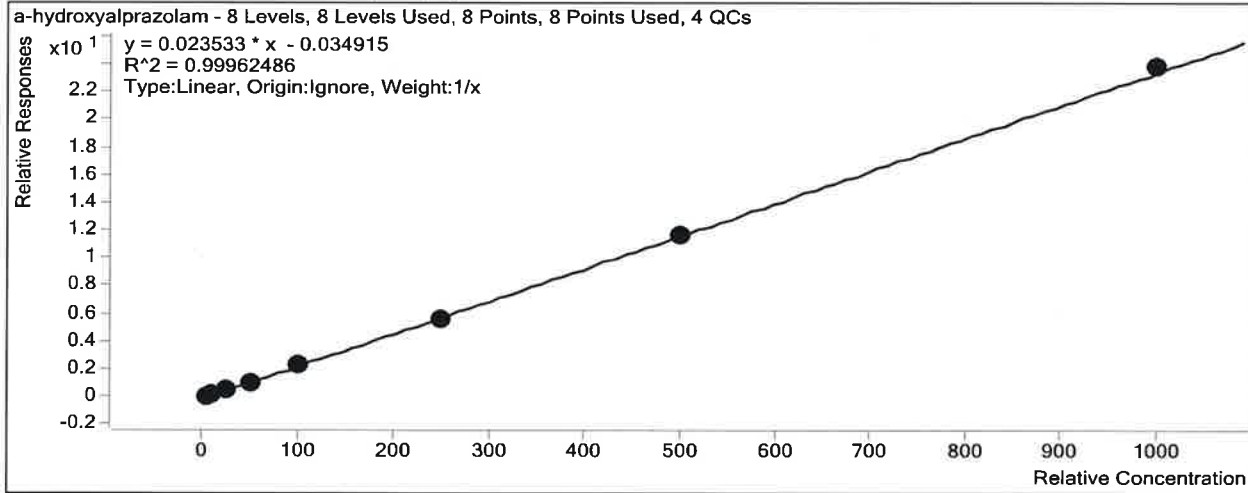
# ISP Forensics Calibration Curve Report

15

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1a  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	5.5	110.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.5
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.6	105.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.0	93.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.4	98.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	101.9	101.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.1	96.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	242.0	96.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	500.6	100.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1011.8	101.2
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	984.1	98.4

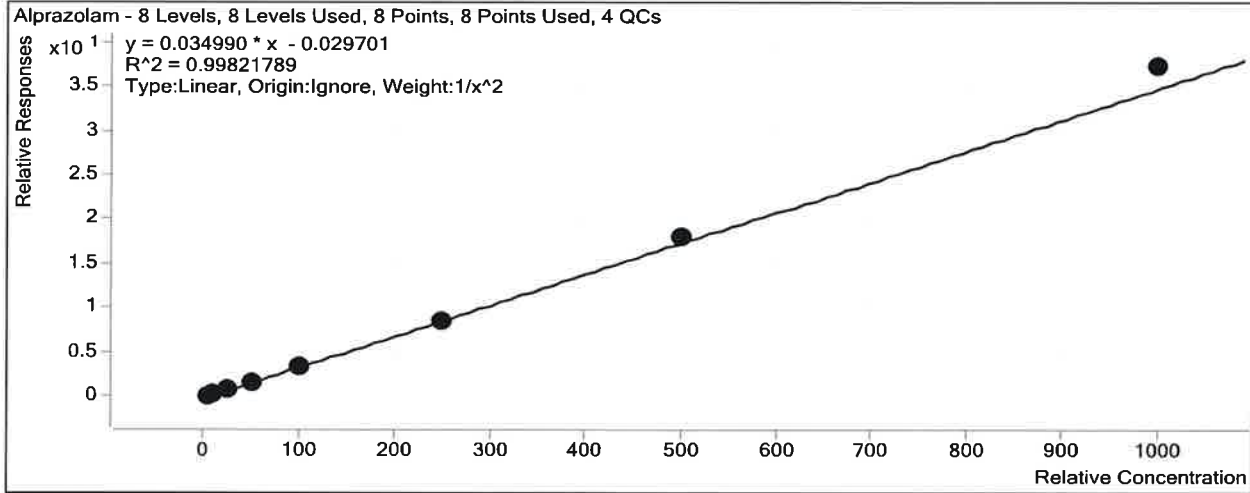
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1a  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	101.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.2
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.0	99.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.6	97.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.0	96.0
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	104.3	104.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	247.4	98.9
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	248.2	99.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	518.7	103.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1065.4	106.5
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1054.7	105.5

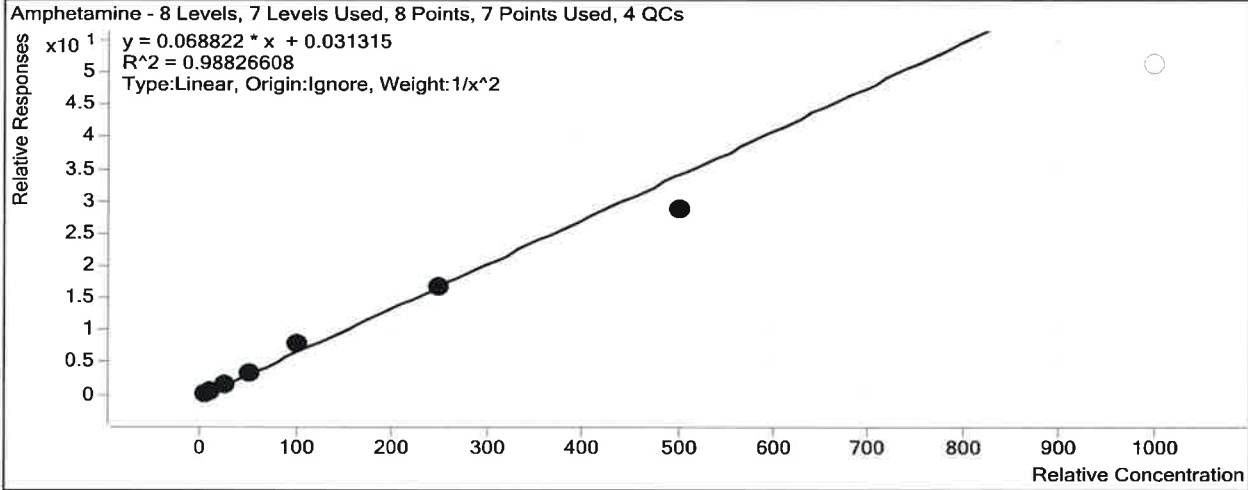
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1a  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	4.9	97.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.1
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.6	95.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.5	102.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	115.3	115.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	97.6	97.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.5	98.6
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	251.4	100.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	420.5	84.1
a cal 8-1000ng	8	<input type="checkbox"/>	1000	745.3	74.5
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	775.4	77.5

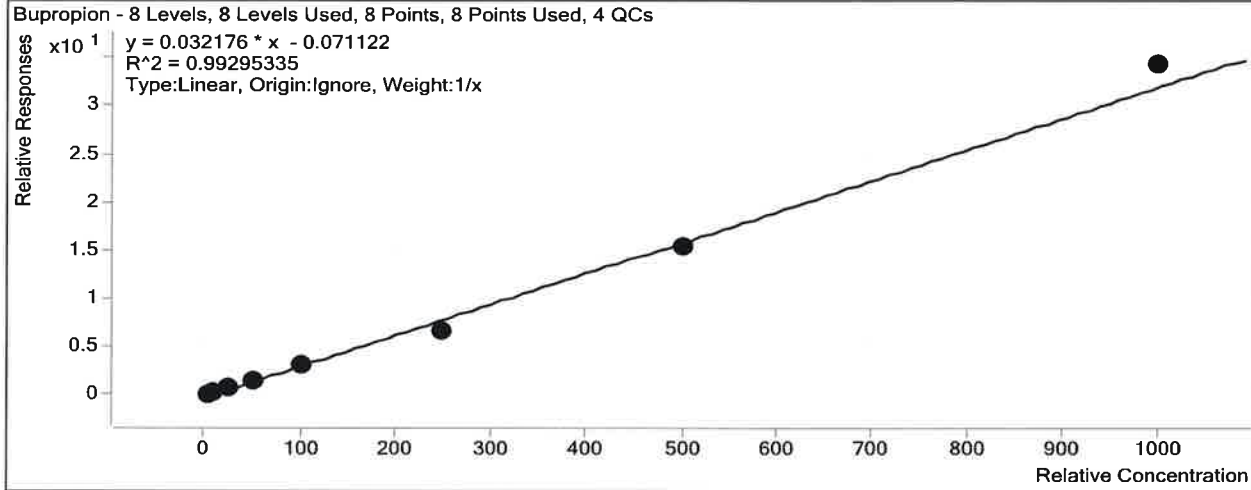
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1a  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	6.2	124.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.3
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.2	102.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.8	95.8
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	96.9	96.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	209.4	83.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	230.1	92.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	479.1	95.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1067.2	106.7
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	895.6	89.6

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1a

TS wk1st 2374.batch.bin

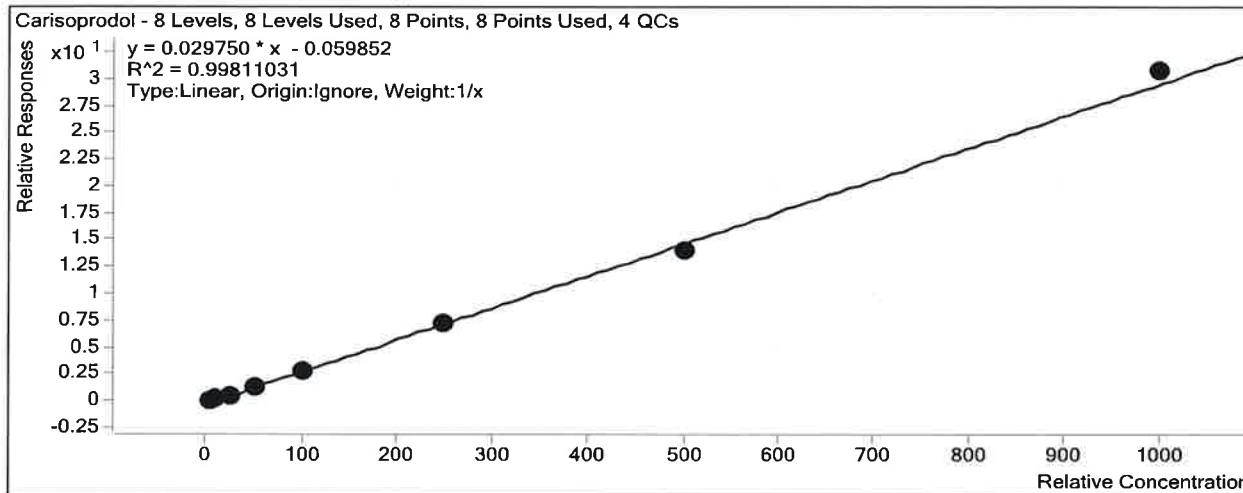
**Last Calib Update** 5/7/2018 8:29 AM

**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	6.2	123.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.1
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.4	103.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	20.9	83.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.6	97.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.9	97.9
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	97.0	97.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.1	98.4
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	244.4	97.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	476.4	95.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1033.9	103.4
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	982.5	98.2

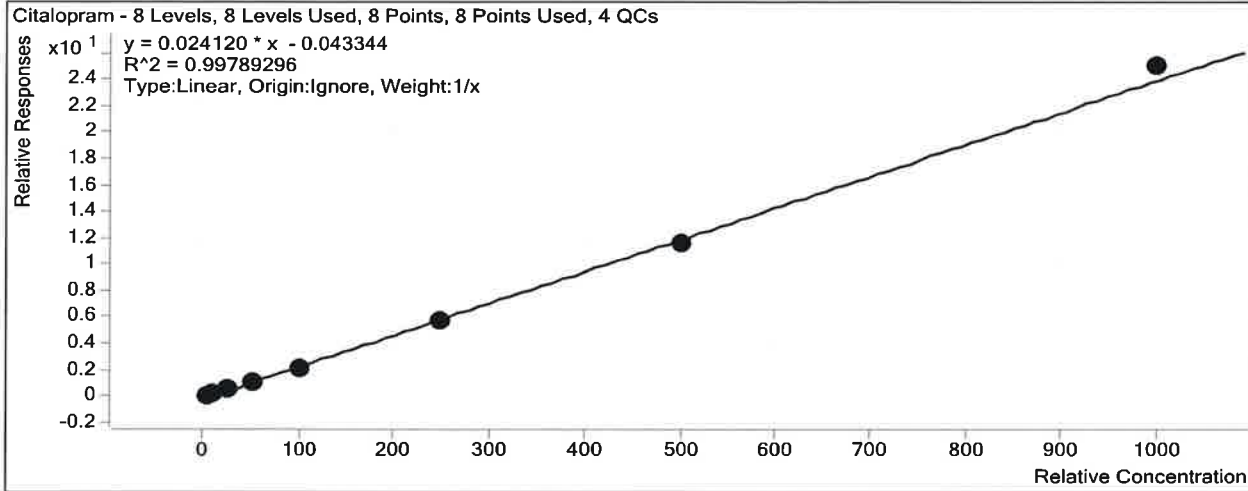
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1a  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	5.7	114.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.6	105.6
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.5	105.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.3	92.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	91.4	91.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.3	99.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.6	97.0
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	234.5	93.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	479.4	95.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1039.2	103.9
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	983.7	98.4

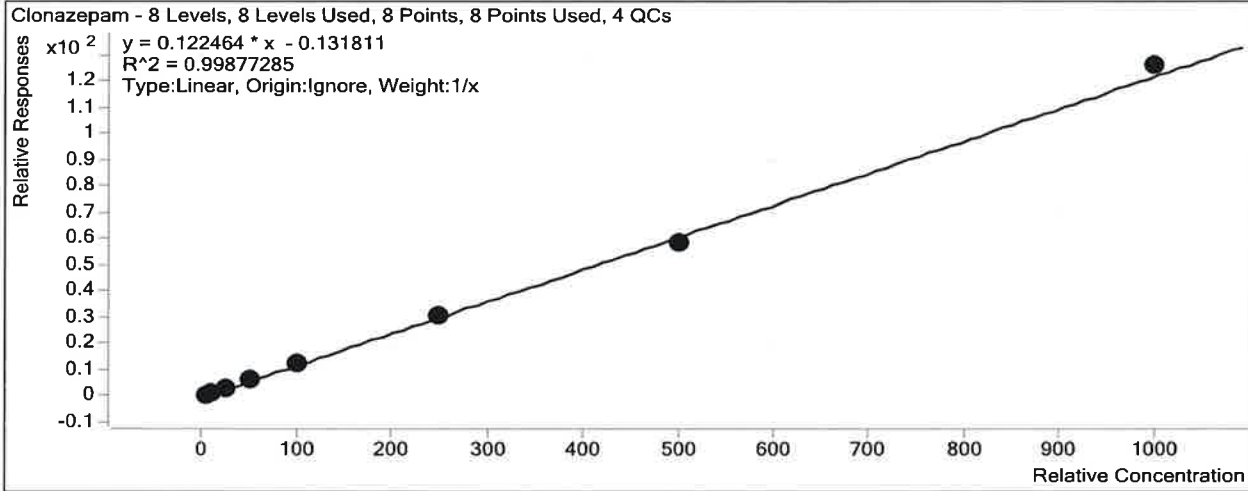
# ISP Forensics Calibration Curve Report

15

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1a  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	5.2	103.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.4
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.1	100.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.6	101.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.6	100.6
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	109.4	109.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	247.0	98.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	240.1	96.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	474.1	94.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1027.9	102.8
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	916.6	91.7



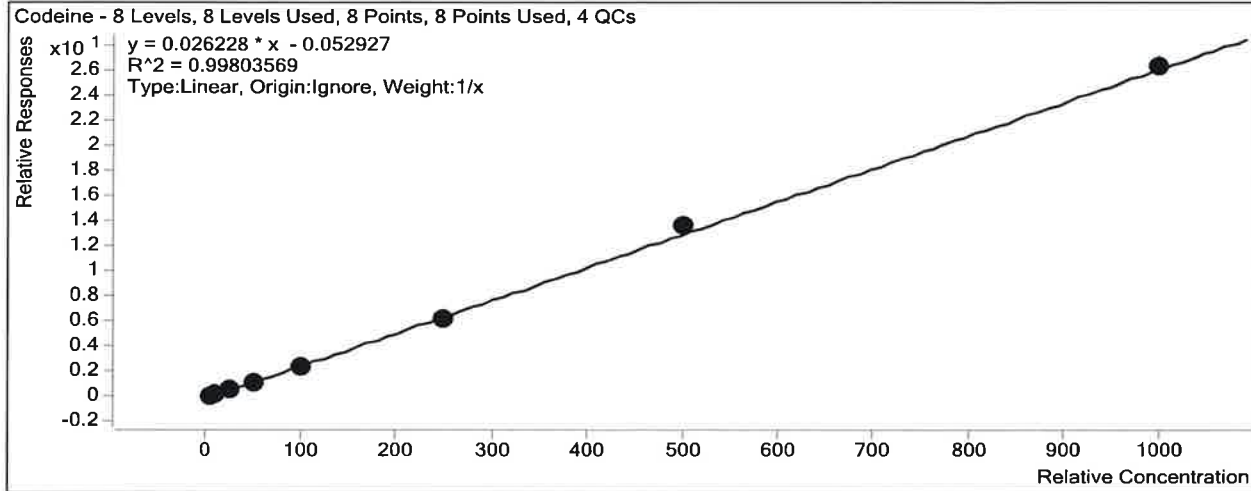
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1a  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	118.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.8	107.8
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.8	107.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.3	89.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.4	92.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	92.4	92.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	92.6	92.6
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	244.6	97.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	524.4	104.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1002.9	100.3
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	973.9	97.4

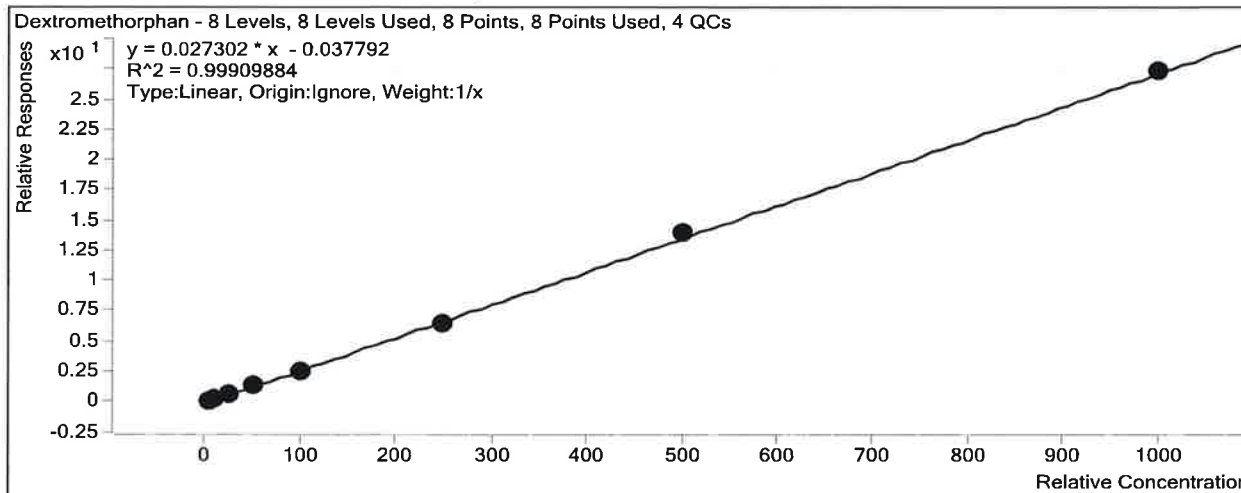
TS

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1a  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	5.9	117.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	92.7
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.2	101.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.2	98.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.9	93.9
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	110.9	110.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	239.6	95.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	268.2	107.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	516.8	103.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1000.8	100.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1004.0	100.4

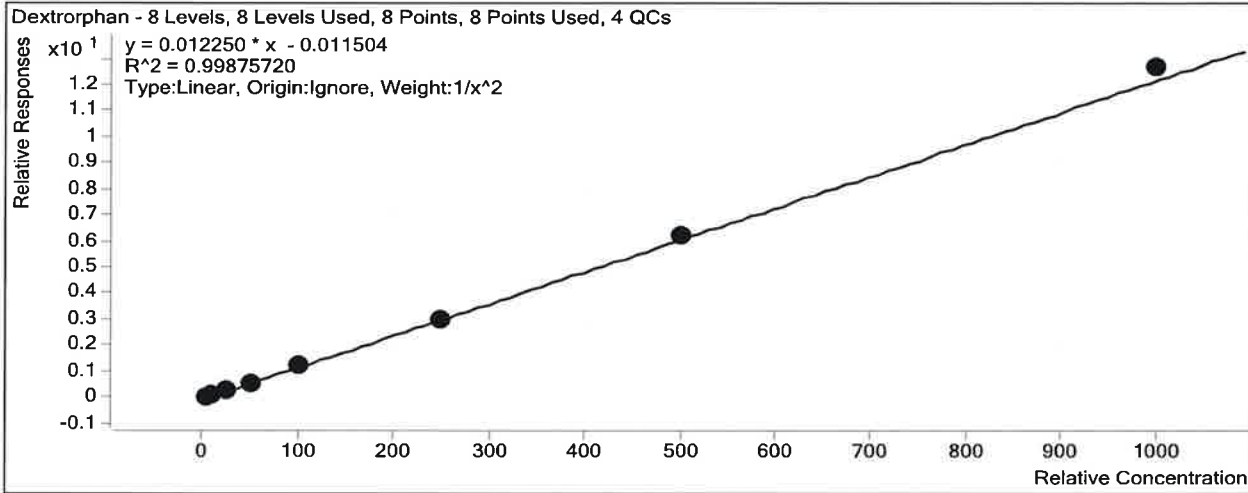
# ISP Forensics Calibration Curve Report

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**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1a  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	5.0	99.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.4
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.7	96.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.9	93.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.4	99.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	96.5	96.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.8	98.7
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	249.8	99.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	506.2	101.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1034.5	103.5
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1010.7	101.1

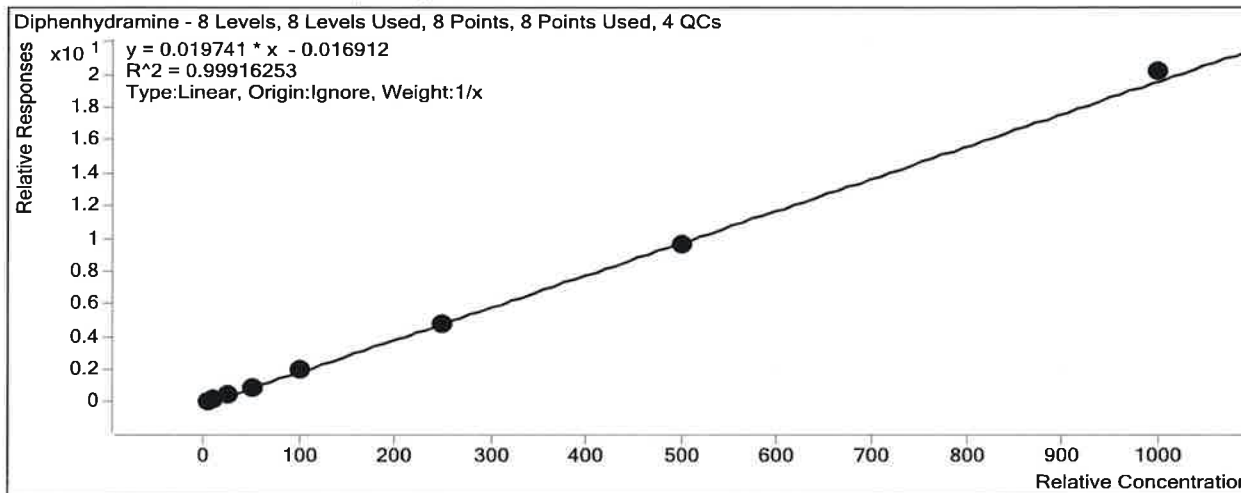
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1a  
TS wklist 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	5.5	110.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.4
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.7	97.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.0	104.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.8	93.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.1	98.1
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.6	100.6
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	238.4	95.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	489.3	97.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1023.9	102.4
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1006.7	100.7

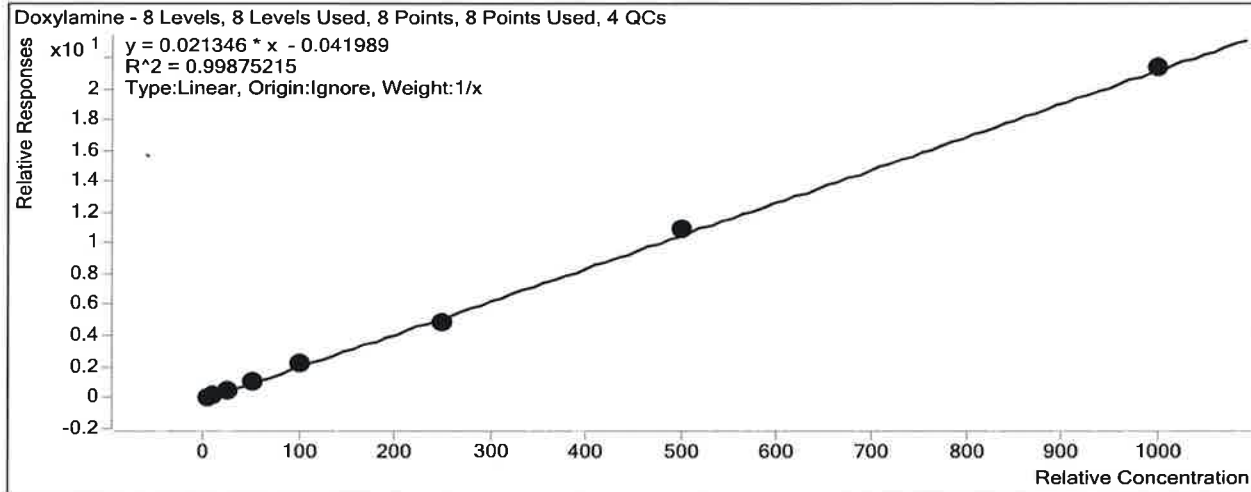
# ISP Forensics Calibration Curve Report

TD

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wkst 2374\QuantResults\MDQ P1a  
TS wkst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	5.5	109.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.4
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.4	103.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.6	103.6
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	104.8	104.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	230.5	92.2
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	233.4	93.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	514.8	103.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1001.8	100.2
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	878.2	87.8

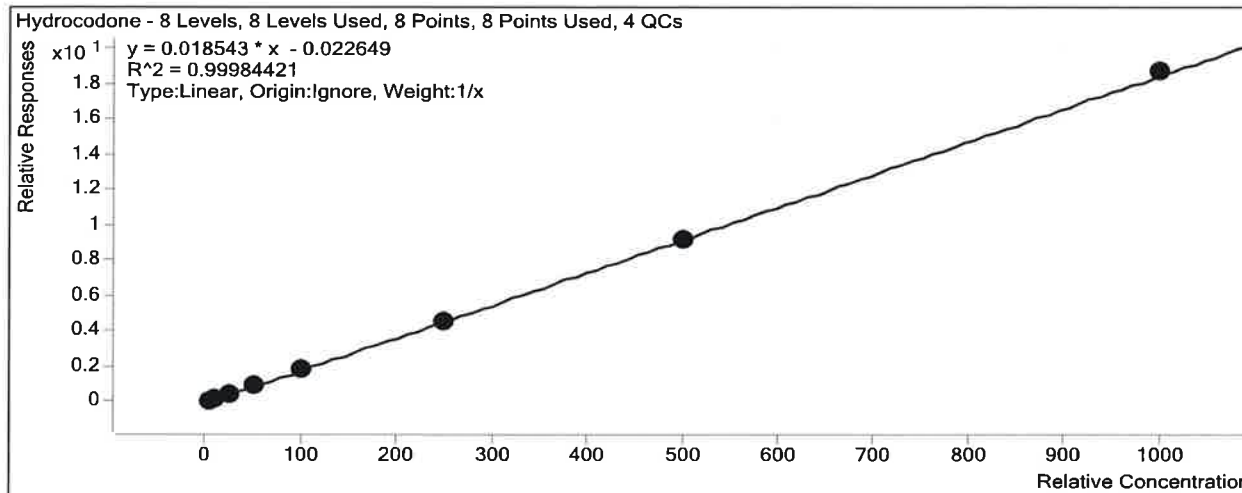
# ISP Forensics Calibration Curve Report

B

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1a  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	5.5	110.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.2
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.9	99.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.9	95.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.4	100.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	105.1	105.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.1	99.6
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	251.1	100.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.4	99.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1007.5	100.8
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	934.2	93.4

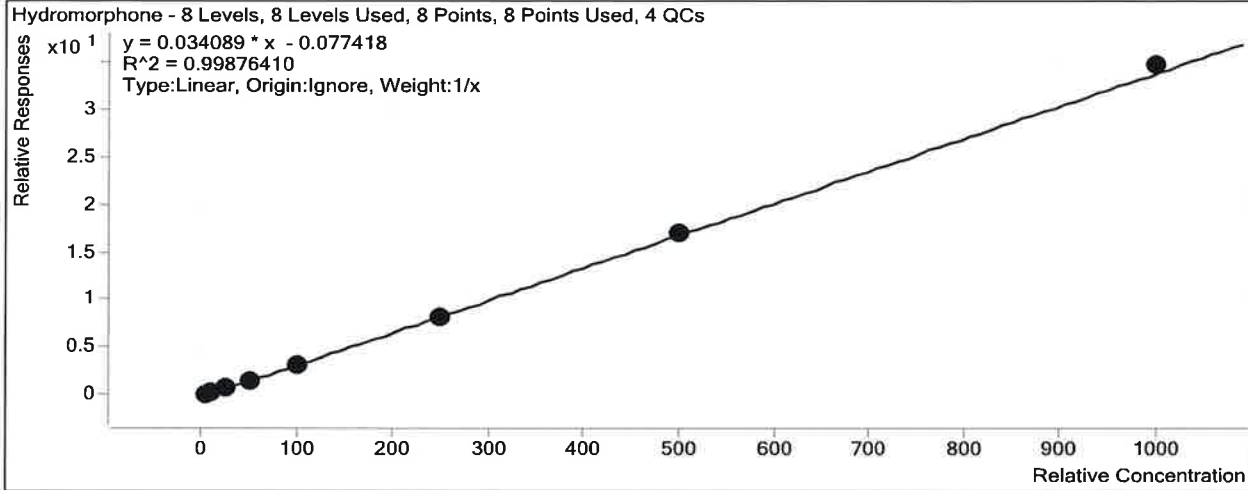
# ISP Forensics Calibration Curve Report

15

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1a  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	6.2	123.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.5
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.6	105.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.9	91.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.5	89.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.6	93.6
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	98.3	98.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	240.9	96.3
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	244.8	97.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.1	100.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1019.4	101.9
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1020.7	102.1

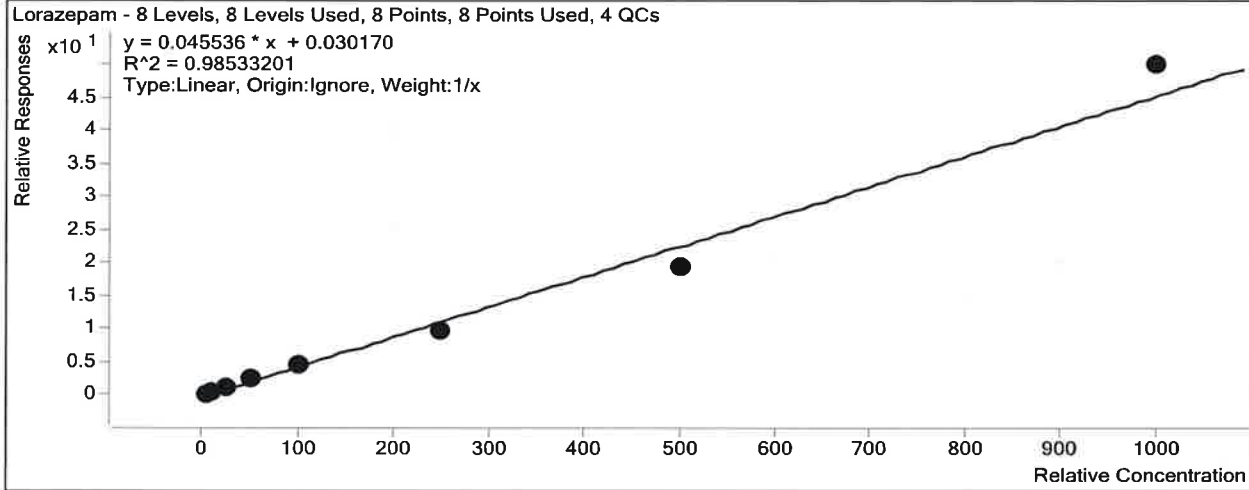
# ISP Forensics Calibration Curve Report

15

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1a  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 AM      **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.9
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.3	102.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.2	105.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	56.9	113.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.8	103.8
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	95.4	95.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	214.0	85.6
a QC 250 (QC 3)	6	<input type="checkbox"/>	250	194.9	78.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	427.3	85.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1097.1	109.7
a QC 1000 (QC 4)	8	<input type="checkbox"/>	1000	962.4	96.2



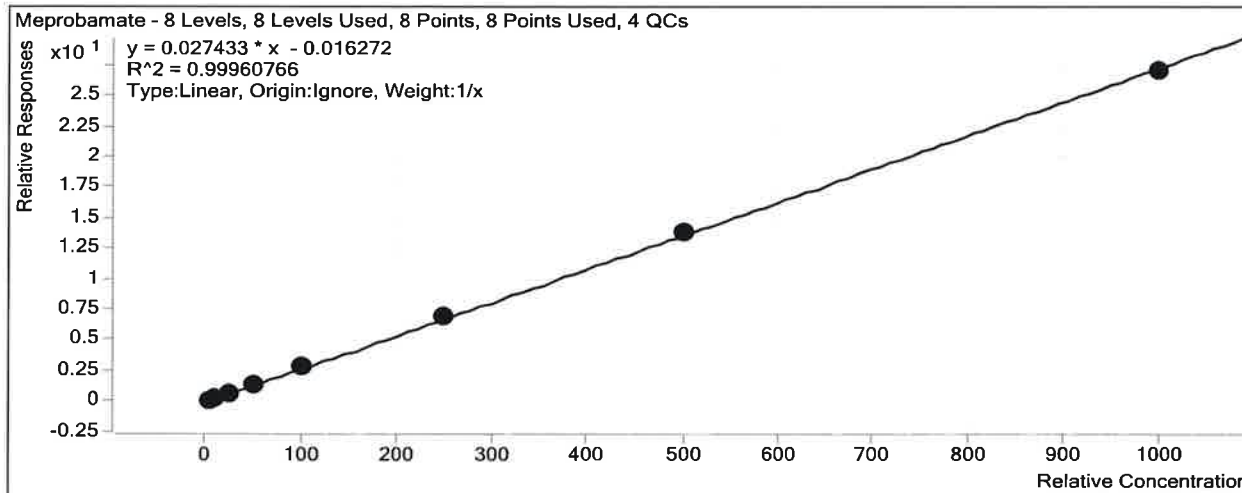
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1a  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	4.6	92.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.5
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.0	100.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.8	103.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.7	105.7
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	112.6	112.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.7	100.7
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	261.5	104.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.5	101.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	985.9	98.6
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	936.2	93.6

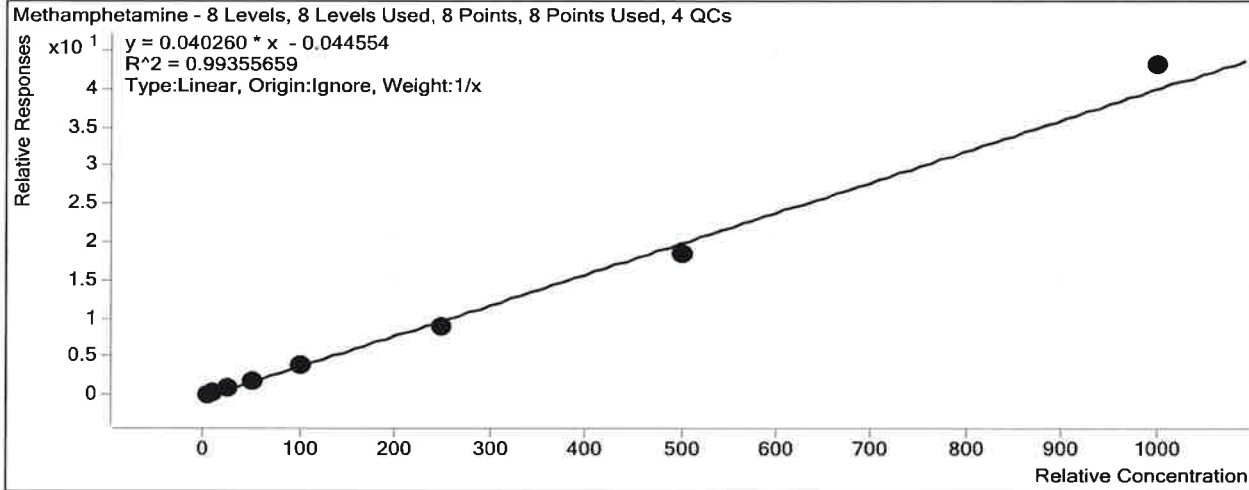
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1a  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	5.9	118.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.8
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.6	95.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.0	95.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.6	95.6
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.4	100.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	222.5	89.0
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	265.9	106.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	461.6	92.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1071.2	107.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1031.6	103.2

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1a

TS wklst 2374.batch.bin

**Last Calib Update**

5/7/2018 8:29 AM

**Analyst Name**

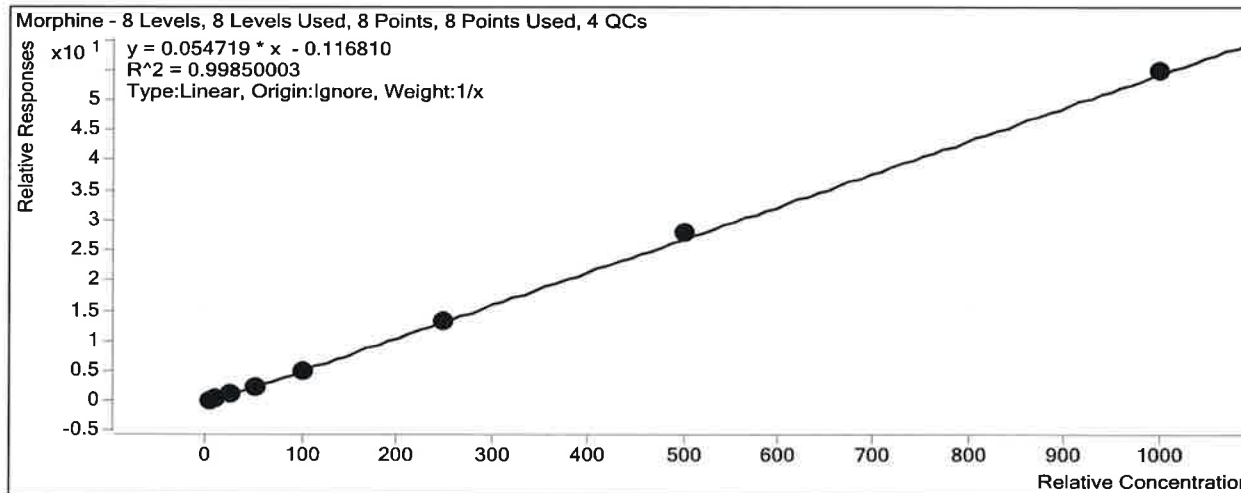
ISP TOX

**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	6.4	128.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.1
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	11.0	109.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.7	87.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.2	88.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	91.3	91.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	103.2	103.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.9	99.6
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	266.3	106.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	513.9	102.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1003.3	100.3
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1059.9	106.0

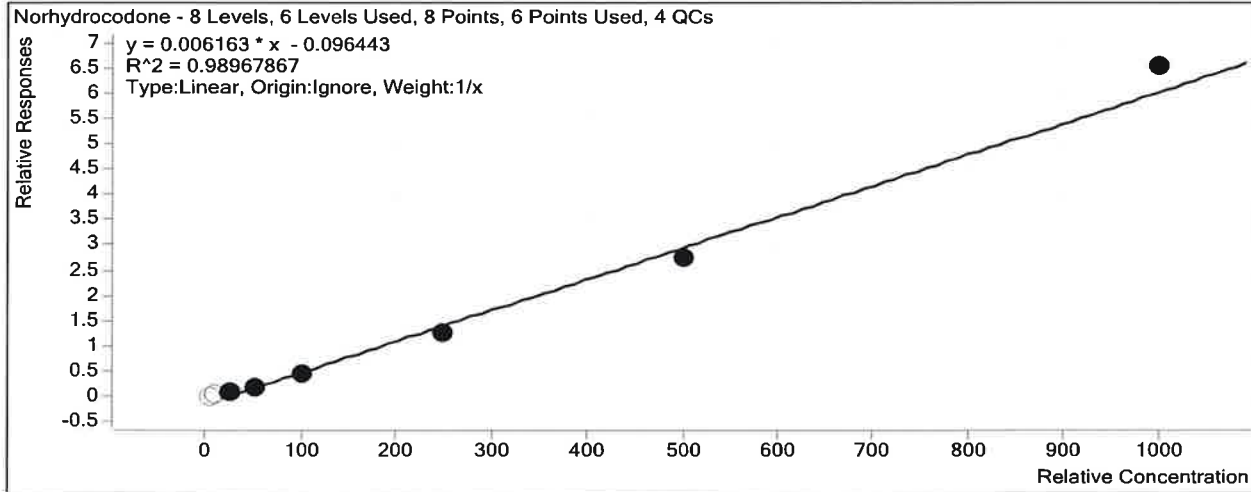
# ISP Forensics Calibration Curve Report

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**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1a  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 AM      **Analyst Name** ISP TOX

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



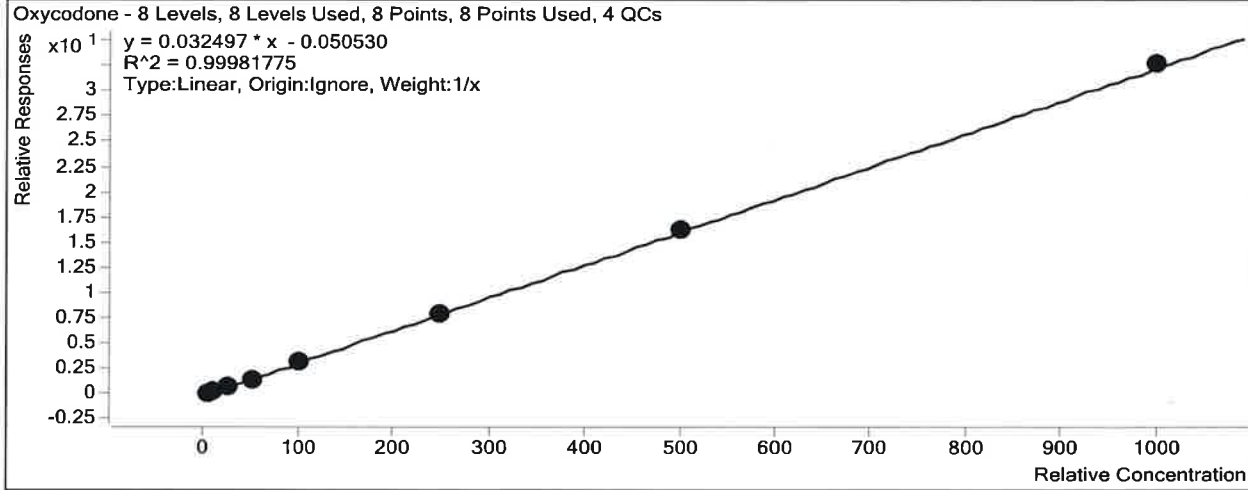
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	18.6	371.1
a cal 2-10ng	2	<input type="checkbox"/>	10	21.3	213.3
a QC 10 ( QC1)	2	<input type="checkbox"/>	10	21.4	214.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	32.0	128.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.5	95.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	89.2	89.2
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	86.5	86.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	219.8	87.9
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	219.5	87.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	462.6	92.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1074.0	107.4
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	945.2	94.5

TS

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1a  
TS wk1st 2374.batch.bin  
**Last Calib Update** 5/7/2018 8:29 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	5.5	110.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.4
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.2	101.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.8	95.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.0	99.0
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.0	99.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.3	98.1
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	240.0	96.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	500.7	100.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1007.3	100.7
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	974.1	97.4

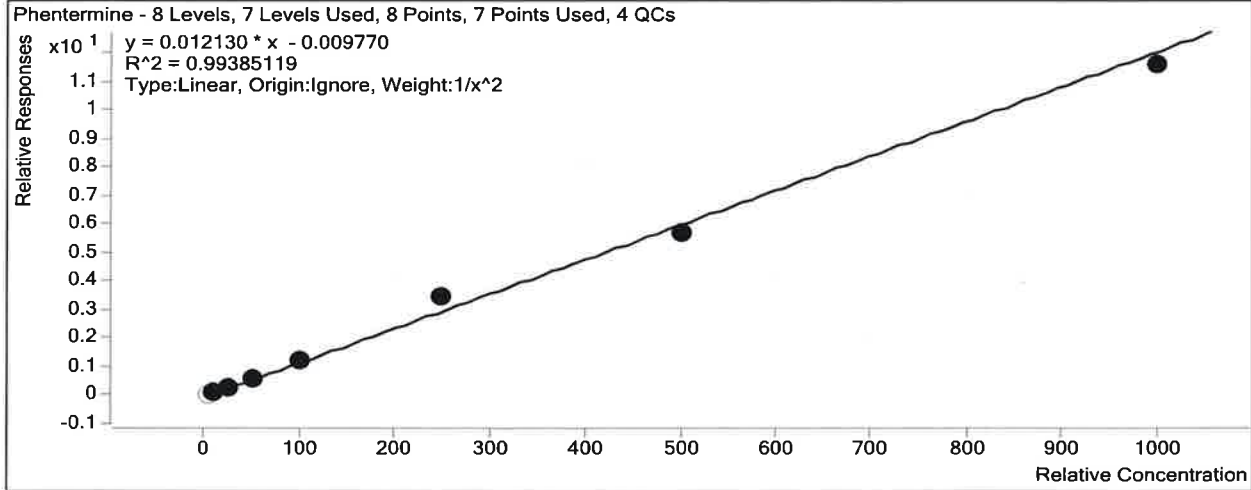
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1a  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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 type="checkbox"/>	5	5.8	116.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.9
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.8	98.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.0	99.0
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	101.9	101.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	286.2	114.5
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	247.1	98.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	470.7	94.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	956.8	95.7
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1028.2	102.8

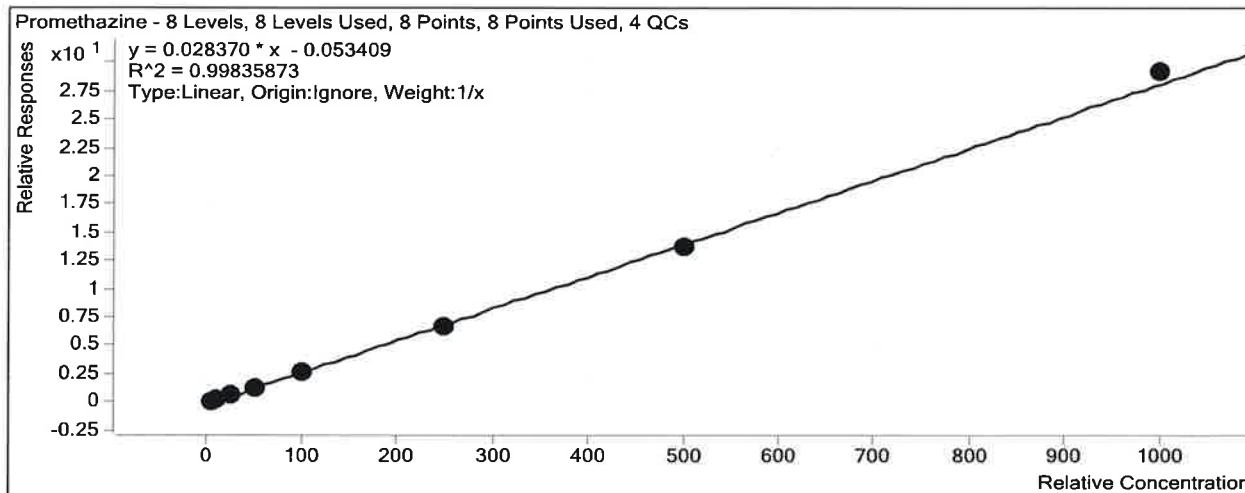
# ISP Forensics Calibration Curve Report

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**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1a  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	6.1	122.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.3
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.8	108.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	43.1	86.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.2	97.2
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.1	100.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	240.7	96.3
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	257.5	103.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	487.2	97.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1030.9	103.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1011.3	101.1

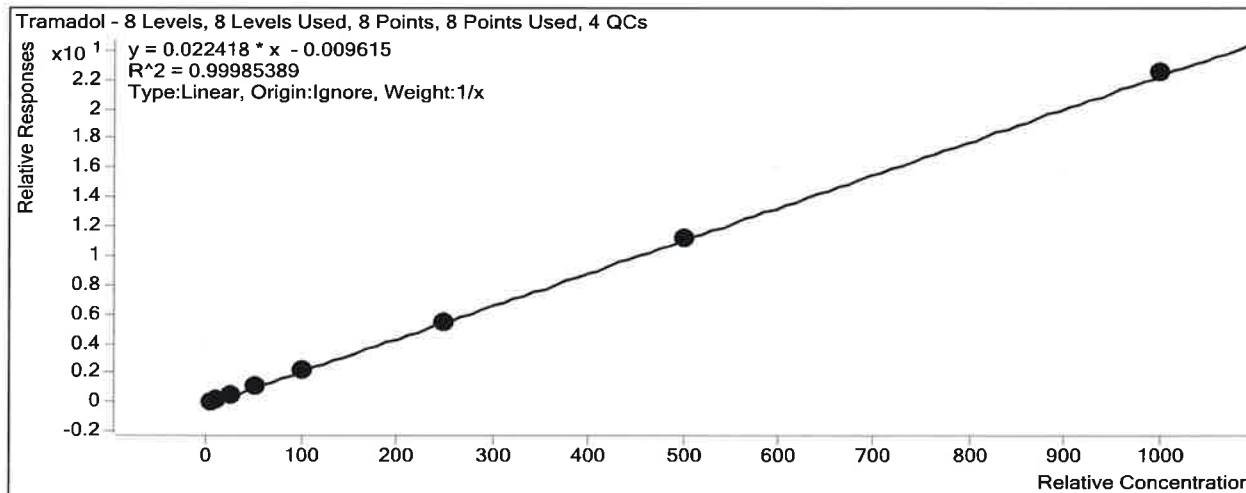
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1a  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	5.1	102.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.8
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.0	100.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	97.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.4	102.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.7	97.7
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.2	99.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.6	97.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	251.4	100.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.8	100.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1004.9	100.5
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	932.6	93.3



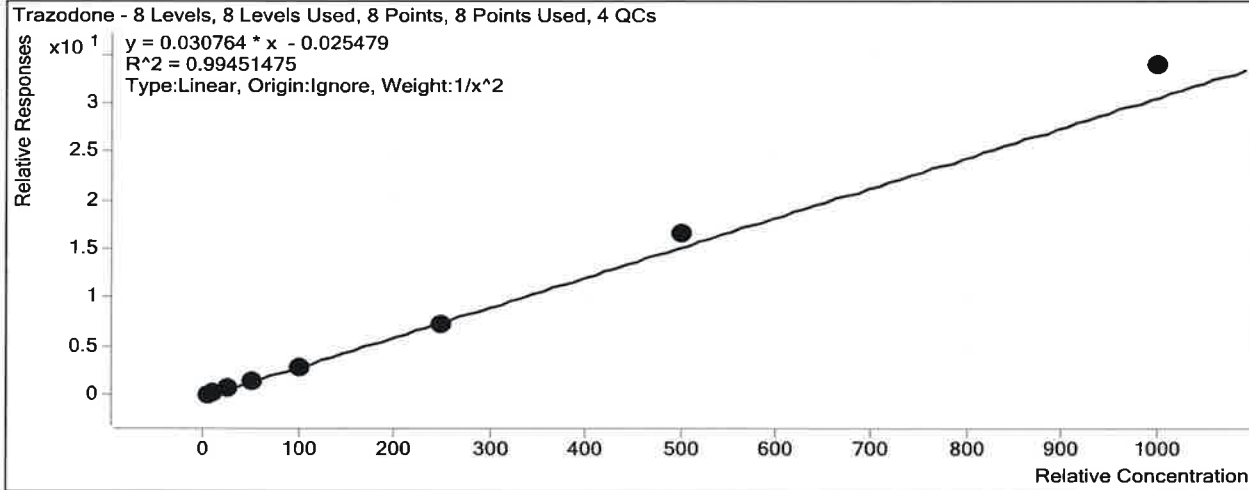
# ISP Forensics Calibration Curve Report

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**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1a  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	5.1	101.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.9
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.7	96.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.9	91.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.2	94.2
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	104.5	104.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	239.8	95.9
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	243.0	97.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	540.2	108.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1101.6	110.2
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1021.5	102.2

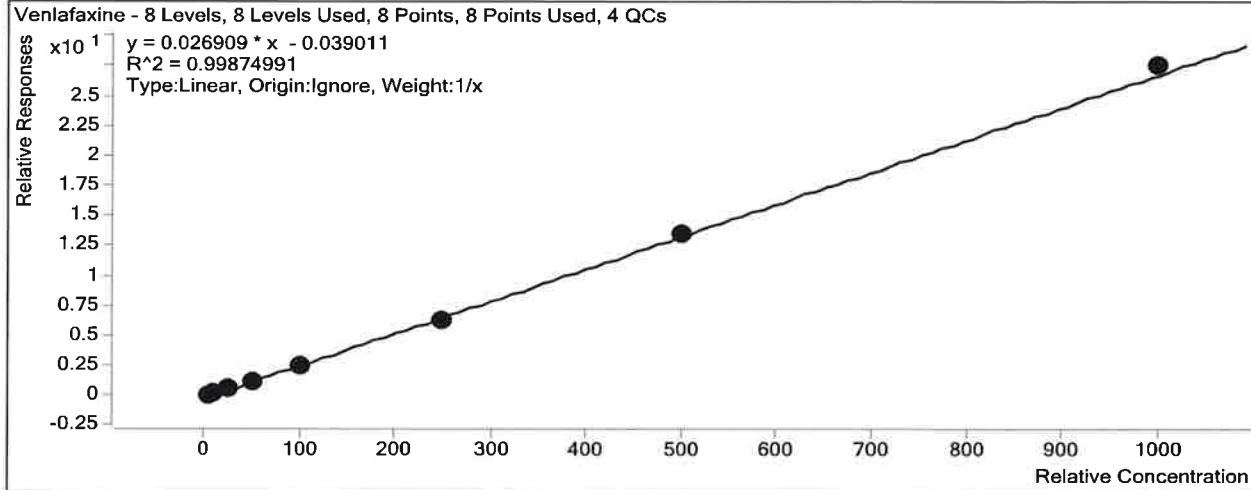
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1a  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	5.8	115.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.5
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.6	106.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.3	93.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.3	96.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.9	100.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	232.2	92.9
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	241.6	96.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	500.7	100.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1022.9	102.3
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	978.5	97.9

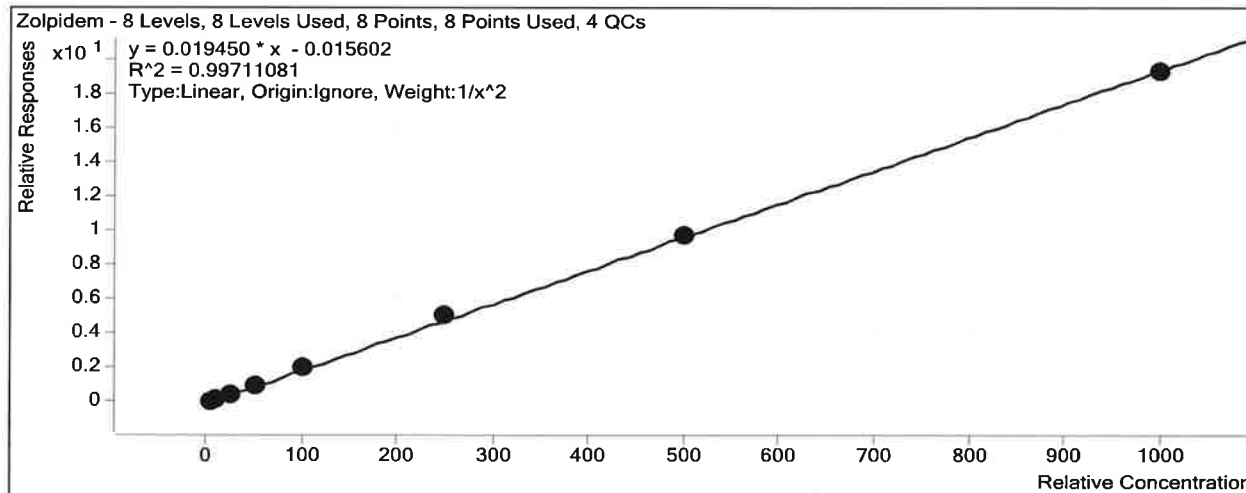
# ISP Forensics Calibration Curve Report

B

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1a  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:29 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	5.2	103.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.7
a QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	8.8	88.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.3	93.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.4	106.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	94.9	94.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	261.0	104.4
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	502.6	100.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	989.3	98.9
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1046.4	104.6

B

# ISP FORENSICS - Pocatello Instrument # 59740

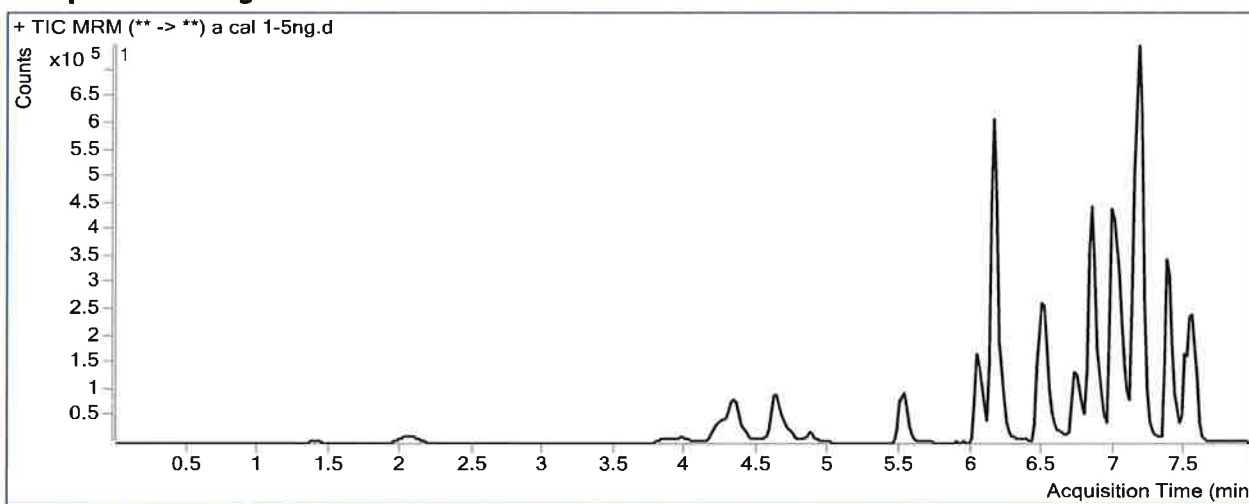
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1a TS wklist 2374.ba  
**Analysis Time** 5/7/2018 8:29 AM **Analyst Name** ISPUser  
**Report Time** 5/7/2018 8:33 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/7/2018 8:29 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-03 11:57 **Data File** a cal 1-5ng.d  
**Sample Type** Calibration **Sample Name** a cal 1-5ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m  
**Position** P1-H12 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.408	3994	17025	0.2346	6.4224
Hydromorphone	Hydromorphone-D6	2.089	13734	103316	0.1329	6.1707
Codeine	Codeine-D6	4.013	5194	50630	0.1026	5.9290
Amphetamine	Amphetamine-D11	4.364	70575	192344	0.3669	4.8764
Oxycodone	Oxycodone-D6	4.370	45755	352958	0.1296	5.5440
Hydrocodone	Hydrocodone-D6	4.655	15412	193178	0.0798	5.5239
Norhydrocodone	Norhydrocodone-D3	4.699	891	49735	0.0179	18.5568
Methamphetamine	Methamphetamine-D11	4.744	43415	224849	0.1931	5.9025
6-MAM	6-MAM-D6	4.849	829	64621	0.0128	0.5640
Phentermine	Phentermine-D5	5.566	20066	329247	0.0609	5.8300
Dextropropranolol	Dextropropranolol-D3	6.042	26601	536090	0.0496	4.9899
7-aminoclonazepam	7-Aminoclonazepam-D4	6.154	37962	362643	0.1047	4.5868
Tramadol	Tramadol-13C-D3	6.179	194771	1856091	0.1049	5.1097
Doxylamine	Doxylamine-D5	6.502	85820	1149538	0.0747	5.4646
Bupropion	Bupropion-D9	6.750	52565	408898	0.1286	6.2058
Meprobamate	Meprobamate-D7	6.853	16902	153433	0.1102	4.6087
Zolpidem	Zolpidem-D6	6.862	124533	1459794	0.0853	5.1882
Venlafaxine	Venlafaxine-D6	6.986	153134	1314022	0.1165	5.7805
Trazodone	Trazodone-D6	7.076	75909	579222	0.1311	5.0882
Citalopram	Citalopram-D6	7.138	72375	766210	0.0945	5.7132

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**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** *a cal 1-5ng*

<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	7.170	28431	232207	0.1224	5.8688
Diphenhydramine	Diphenhydramine-D3	7.193	142509	1550150	0.0919	5.5137
Promethazine	Promethazine-D3	7.368	117569	978653	0.1201	6.1170
Clonazepam	Clonazepam-D4	7.405	41026	81903	0.5009	5.1666
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.480	8222	86175	0.0954	5.5379
Carisoprodol	Carisoprodol-D7	7.514	40292	326562	0.1234	6.1591
Lorazepam	Clonazepam-D4	7.523	21250	81903	0.2595	5.0352
Alprazolam	Alprazolam-D5	7.547	77074	519170	0.1485	5.0916

TS

# ISP FORENSICS - Pocatello Instrument # 59740

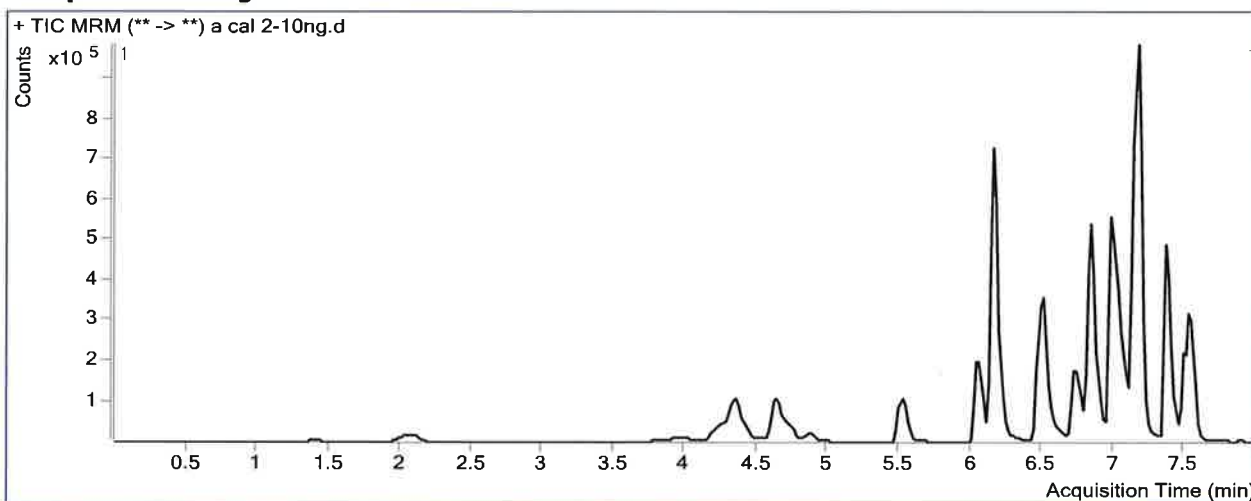
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1a TS wklist 2374.ba  
**Analysis Time** 5/7/2018 8:29 AM **Analyst Name** ISPUser  
**Report Time** 5/7/2018 8:33 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/7/2018 8:29 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-03 12:29 **Data File** a cal 2-10ng.d  
**Sample Type** Calibration **Sample Name** a cal 2-10ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m  
**Position** P1-G12 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.388	7931	17944	0.4420	10.2123
Hydromorphone	Hydromorphone-D6	2.089	29045	105485	0.2754	10.3486
Codeine	Codeine-D6	4.033	11421	49672	0.2299	10.7846
Amphetamine	Amphetamine-D11	4.364	159325	215111	0.7407	10.3070
Oxycodone	Oxycodone-D6	4.370	95708	360037	0.2658	9.7350
Hydrocodone	Hydrocodone-D6	4.655	32810	213154	0.1539	9.5224
Norhydrocodone	Norhydrocodone-D3	4.699	1865	53314	0.0350	21.3273
Methamphetamine	Methamphetamine-D11	4.744	102833	281602	0.3652	10.1769
6-MAM	6-MAM-D6	4.869	1992	74265	0.0268	1.1301
Phentermine	Phentermine-D5	5.566	49594	440333	0.1126	10.0909
Dextrorphan	Dextrorphan-D3	6.042	67667	606966	0.1115	10.0402
7-aminoclonazepam	7-Aminoclonazepam-D4	6.154	91135	406383	0.2243	9.7097
Tramadol	Tramadol-13C-D3	6.179	416262	1923287	0.2164	10.0831
Doxylamine	Doxylamine-D5	6.502	208449	1289097	0.1617	9.5425
Bupropion	Bupropion-D9	6.750	126679	490872	0.2581	10.2311
Meprobamate	Meprobamate-D7	6.853	41238	162436	0.2539	9.8474
Zolpidem	Zolpidem-D6	6.862	286867	1700890	0.1687	9.4736
Venlafaxine	Venlafaxine-D6	6.986	347496	1466669	0.2369	10.2545
Trazodone	Trazodone-D6	7.076	171204	614066	0.2788	9.8910
Citalopram	Citalopram-D6	7.138	176724	835818	0.2114	10.5632

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

TS

a cal 2-10ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	7.170	63870	296535	0.2154	9.2733
Diphenhydramine	Diphenhydramine-D3	7.173	338053	1927373	0.1754	9.7416
Promethazine	Promethazine-D3	7.368	264398	1186946	0.2228	9.7342
Clonazepam	Clonazepam-D4	7.405	98339	90574	1.0857	9.9420
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.480	17303	85841	0.2016	10.0491
Carisoprodol	Carisoprodol-D7	7.514	84359	350333	0.2408	10.1057
Lorazepam	Clonazepam-D4	7.523	42294	90574	0.4670	9.5920
Alprazolam	Alprazolam-D5	7.547	170960	544553	0.3139	9.8212

TS

# ISP FORENSICS - Pocatello Instrument # 59740

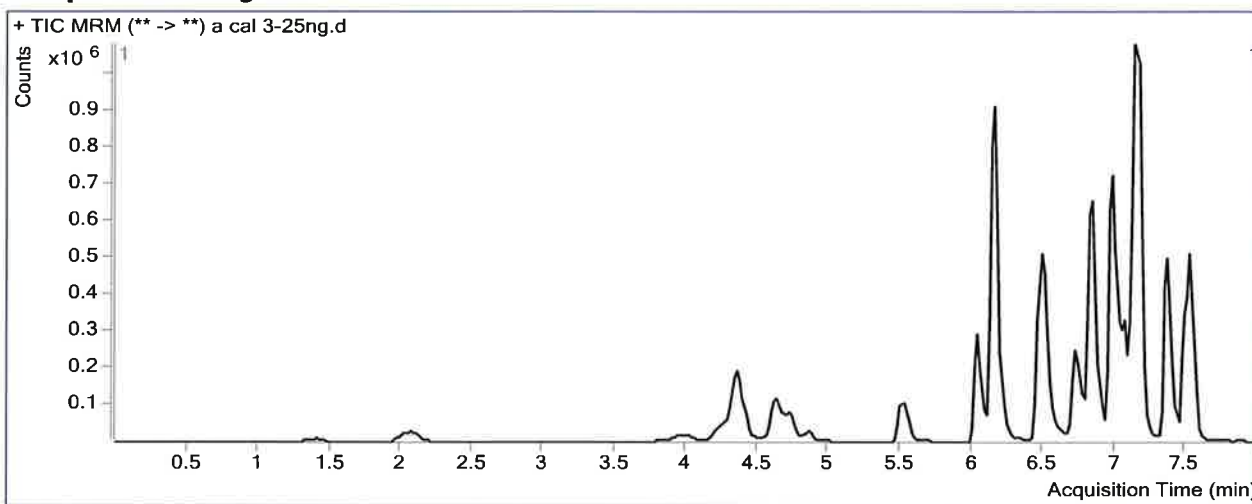
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1a TS wklst 2374.ba  
**Analysis Time** 5/7/2018 8:29 AM **Analyst Name** ISPUser  
**Report Time** 5/7/2018 8:33 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/7/2018 8:29 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-03 13:00 **Data File** a cal 3-25ng.d  
**Sample Type** Calibration **Sample Name** a cal 3-25ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m  
**Position** P1-F12 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.388	19889	18532	1.0732	21.7479
Hydromorphone	Hydromorphone-D6	2.089	75083	106539	0.7047	22.9451
Codeine	Codeine-D6	4.013	28669	53874	0.5322	22.3074
Amphetamine	Amphetamine-D11	4.364	356065	198969	1.7896	25.5476
Oxycodone	Oxycodone-D6	4.370	260785	349215	0.7468	24.5348
Hydrocodone	Hydrocodone-D6	4.655	88706	204115	0.4346	24.6578
Norhydrocodone	Norhydrocodone-D3	4.699	4876	48365	0.1008	32.0105
Methamphetamine	Methamphetamine-D11	4.724	235638	244418	0.9641	25.0527
6-MAM	6-MAM-D6	4.849	4363	71688	0.0609	2.5072
Phentermine	Phentermine-D5	5.566	117689	409238	0.2876	24.5145
Dextrorphan	Dextrorphan-D3	6.042	172953	567516	0.3048	25.8179
7-aminoclonazepam	7-Aminoclonazepam-D4	6.134	236372	403599	0.5857	25.1929
Tramadol	Tramadol-13C-D3	6.159	1085369	2015446	0.5385	24.4505
Doxylamine	Doxylamine-D5	6.502	564701	1207901	0.4675	23.8689
Bupropion	Bupropion-D9	6.750	287890	415815	0.6923	23.7283
Meprobamate	Meprobamate-D7	6.833	110381	165429	0.6672	24.9159
Zolpidem	Zolpidem-D6	6.842	719265	1640687	0.4384	23.3419
Venlafaxine	Venlafaxine-D6	6.986	826948	1404908	0.5886	23.3238
Trazodone	Trazodone-D6	7.055	393320	533251	0.7376	24.8042
Citalopram	Citalopram-D6	7.118	410416	739712	0.5548	24.8002



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

TS

a cal 3-25mg

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	7.150	150209	237194	0.6333	24.5795
Diphenhydramine	Diphenhydramine-D3	7.173	769885	1551125	0.4963	25.9995
Promethazine	Promethazine-D3	7.368	564082	859353	0.6564	25.0195
Clonazepam	Clonazepam-D4	7.405	215567	74239	2.9037	24.7869
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.460	44857	82586	0.5432	24.5643
Carisoprodol	Carisoprodol-D7	7.494	207171	368311	0.5625	20.9189
Lorazepam	Clonazepam-D4	7.523	90955	74239	1.2252	26.2430
Alprazolam	Alprazolam-D5	7.527	444656	540594	0.8225	24.3562

TS

# ISP FORENSICS - Pocatello Instrument # 59740

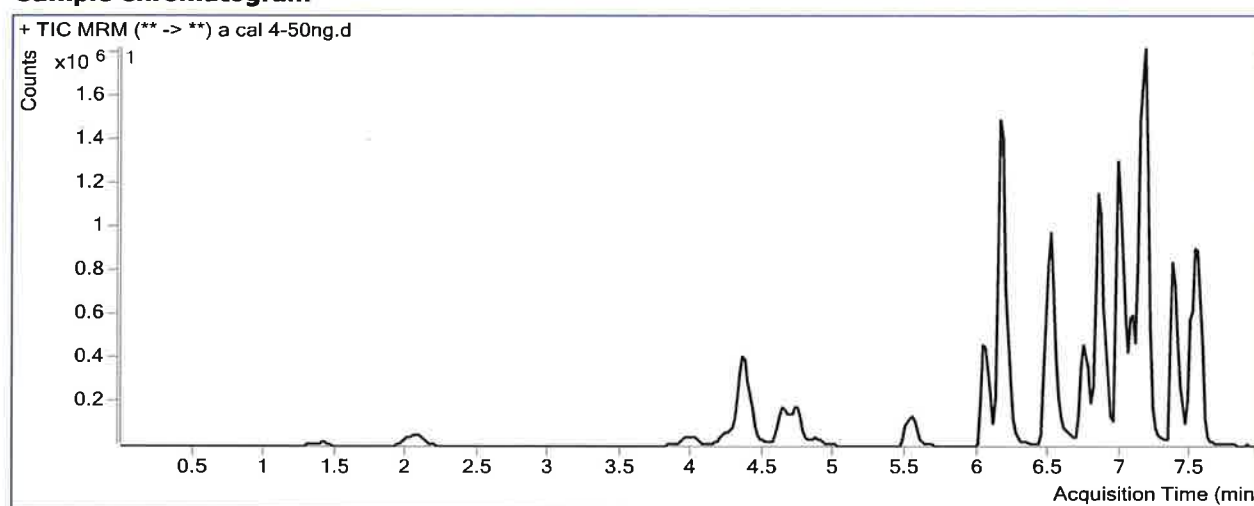
## Multi-Drug Confirmatory Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1a TS wklst 2374.ba		
<b>Analysis Time</b>	5/7/2018 8:29 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	5/7/2018 8:33 AM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	5/7/2018 8:29 AM	<b>Batch State</b>	Processed

### Analysis Info

<b>Acq Time</b>	2018-05-03 13:32	<b>Data File</b>	a cal 4-50ng.d
<b>Sample Type</b>	Calibration	<b>Sample Name</b>	a cal 4-50ng
<b>Dilution</b>	1	<b>Acq Method</b>	MD Quant Panel 1a 1-19-2018.m
<b>Position</b>	P1-E12	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 28 worklist 2374

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.408	48377	20993	2.3044	44.2489
Hydromorphone	Hydromorphone-D6	2.089	184660	128270	1.4396	44.5027
Codeine	Codeine-D6	4.013	73797	63386	1.1643	46.4074
Amphetamine	Amphetamine-D11	4.364	815470	236691	3.4453	49.6059
Oxycodone	Oxycodone-D6	4.370	670088	445741	1.5033	47.8152
Hydrocodone	Hydrocodone-D6	4.655	222274	256867	0.8653	47.8867
Norhydrocodone	Norhydrocodone-D3	4.699	10577	53905	0.1962	47.4887
Methamphetamine	Methamphetamine-D11	4.744	586072	310749	1.8860	47.9517
6-MAM	6-MAM-D6	4.869	9237	87724	0.1053	4.3047
Phentermine	Phentermine-D5	5.566	276445	474060	0.5831	48.8816
Dextrophan	Dextrophan-D3	6.042	400460	711755	0.5626	46.8702
7-aminoclonazepam	7-Aminoclonazepam-D4	6.154	549474	463512	1.1855	50.8894
Tramadol	Tramadol-13C-D3	6.179	2623299	2294873	1.1431	51.4188
Doxylamine	Doxylamine-D5	6.502	1382758	1336812	1.0344	50.4255
Bupropion	Bupropion-D9	6.750	707425	477524	1.4814	48.2529
Meprobamate	Meprobamate-D7	6.853	252477	179734	1.4047	51.7991
Zolpidem	Zolpidem-D6	6.862	1842657	1968904	0.9359	48.9198
Venlafaxine	Venlafaxine-D6	6.986	2116847	1673757	1.2647	48.4496
Trazodone	Trazodone-D6	7.076	830517	599165	1.3861	45.8854
Citalopram	Citalopram-D6	7.138	886274	825413	1.0737	46.3137

TS

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

*a cal 4-50ng*

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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	7.150	354273	271265	1.3060	49.2196
Diphenhydramine	Diphenhydramine-D3	7.173	1686714	1857994	0.9078	46.8433
Promethazine	Promethazine-D3	7.368	1171810	1001506	1.1700	43.1244
Clonazepam	Clonazepam-D4	7.405	520968	85979	6.0592	50.5538
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.480	106584	99577	1.0704	46.9669
Carisoprodol	Carisoprodol-D7	7.514	524341	378675	1.3847	48.5550
Lorazepam	Clonazepam-D4	7.523	225432	85979	2.6219	56.9167
Alprazolam	Alprazolam-D5	7.547	1071985	641168	1.6719	48.6312

TS

# ISP FORENSICS - Pocatello Instrument # 59740

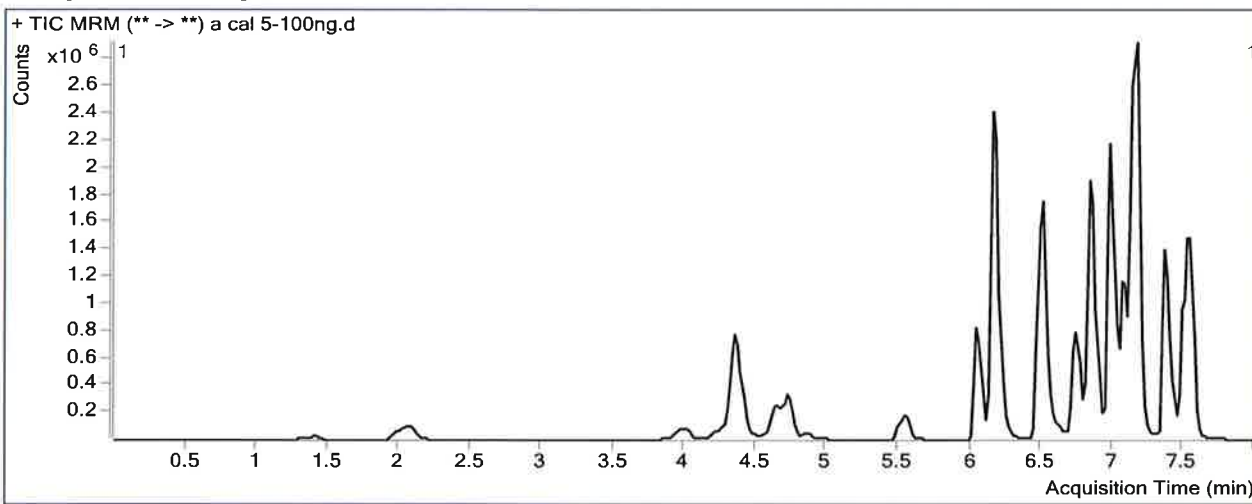
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1a TS wklist 2374.ba  
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**Report Time** 5/7/2018 8:33 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/7/2018 8:29 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-05-03 14:03 **Data File** a cal 5-100ng.d  
**Sample Type** Calibration **Sample Name** a cal 5-100ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m  
**Position** P1-D12 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.388	102481	21011	4.8774	91.2706
Hydromorphone	Hydromorphone-D6	2.069	392437	126053	3.1133	93.5999
Codeine	Codeine-D6	3.992	153071	64543	2.3716	92.4407
Amphetamine	Amphetamine-D11	4.364	1667012	209284	7.9653	115.2827
Oxycodone	Oxycodone-D6	4.370	1389159	438718	3.1664	98.9921
Hydrocodone	Hydrocodone-D6	4.655	453124	246331	1.8395	100.4213
Norhydrocodone	Norhydrocodone-D3	4.699	25228	55688	0.4530	89.1609
Methamphetamine	Methamphetamine-D11	4.724	1106545	290787	3.8053	95.6252
6-MAM	6-MAM-D6	4.869	19831	88422	0.2243	9.1185
Phentermine	Phentermine-D5	5.566	535372	449643	1.1907	98.9670
Dextrophan	Dextrophan-D3	6.042	886586	735127	1.2060	99.3940
7-aminoclonazepam	7-Aminoclonazepam-D4	6.154	1102286	453225	2.4321	104.2978
Tramadol	Tramadol-13C-D3	6.179	5386473	2471140	2.1798	97.6594
Doxylamine	Doxylamine-D5	6.502	2870036	1322639	2.1699	103.6246
Bupropion	Bupropion-D9	6.750	1371508	455277	3.0125	95.8365
Meprobamate	Meprobamate-D7	6.833	508005	176157	2.8838	105.7158
Zolpidem	Zolpidem-D6	6.862	3736295	1818492	2.0546	106.4387
Venlafaxine	Venlafaxine-D6	6.986	4293372	1681648	2.5531	96.3272
Trazodone	Trazodone-D6	7.076	1718702	598165	2.8733	94.2270
Citalopram	Citalopram-D6	7.118	1796072	830661	2.1622	91.4420

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

TS

a cal 5-100ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	7.150	699795	277183	2.5247	93.8561
Diphenhydramine	Diphenhydramine-D3	7.173	3505808	1825610	1.9203	98.1347
Promethazine	Promethazine-D3	7.368	2743703	1014829	2.7036	97.1794
Clonazepam	Clonazepam-D4	7.405	962396	78972	12.1865	100.5870
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.480	208784	91513	2.2815	98.4302
Carisoprodol	Carisoprodol-D7	7.514	1023509	358880	2.8520	97.8750
Lorazepam	Clonazepam-D4	7.523	375615	78972	4.7563	103.7882
Alprazolam	Alprazolam-D5	7.547	2059207	618175	3.3311	96.0493

TS

# ISP FORENSICS - Pocatello Instrument # 59740

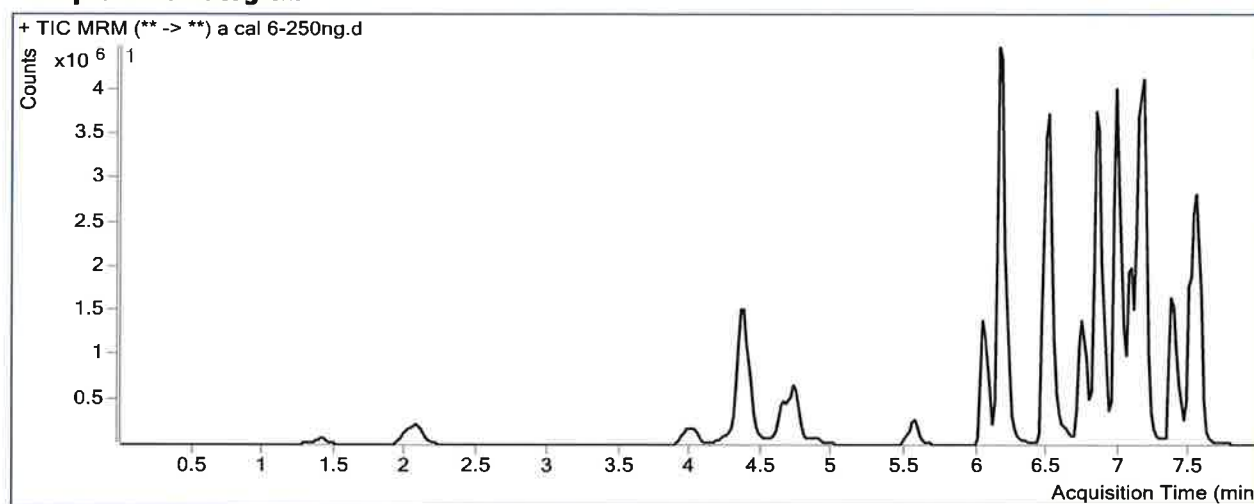
## Multi-Drug Confirmatory Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1a TS wklist 2374.ba		
<b>Analysis Time</b>	5/7/2018 8:29 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	5/7/2018 8:33 AM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	5/7/2018 8:29 AM	<b>Batch State</b>	Processed

### Analysis Info

<b>Acq Time</b>	2018-05-03 14:35	<b>Data File</b>	a cal 6-250ng.d
<b>Sample Type</b>	Calibration	<b>Sample Name</b>	a cal 6-250ng
<b>Dilution</b>	1	<b>Acq Method</b>	MD Quant Panel 1a 1-19-2018.m
<b>Position</b>	P1-C12	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 28 worklist 2374

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.408	255526	18925	13.5020	248.8885
Hydromorphone	Hydromorphone-D6	2.069	968484	119079	8.1331	240.8576
Codeine	Codeine-D6	4.013	366983	60114	6.1048	234.7748
Amphetamine	Amphetamine-D11	4.364	3306875	194548	16.9977	246.5265
Oxycodone	Oxycodone-D6	4.370	3280404	414107	7.9216	245.3210
Hydrocodone	Hydrocodone-D6	4.655	1060070	230608	4.5969	249.1196
Norhydrocodone	Norhydrocodone-D3	4.699	52971	42113	1.2578	219.7549
Methamphetamine	Methamphetamine-D11	4.744	2083829	233784	8.9135	222.5031
6-MAM	6-MAM-D6	4.869	48405	83469	0.5799	23.5064
Phentermine	Phentermine-D5	5.566	1091001	315171	3.4616	286.1913
Dextrorphan	Dextrorphan-D3	6.042	1810555	601294	3.0111	246.7514
7-aminoclonazepam	7-Aminoclonazepam-D4	6.154	2332491	386109	6.0410	258.9115
Tramadol	Tramadol-13C-D3	6.179	12413151	2267940	5.4733	244.5728
Doxylamine	Doxylamine-D5	6.502	6614267	1355949	4.8780	230.4910
Bupropion	Bupropion-D9	6.750	2326508	348921	6.6677	209.4402
Meprobamate	Meprobamate-D7	6.833	1039117	150833	6.8892	251.7211
Zolpidem	Zolpidem-D6	6.862	8540413	1687540	5.0609	261.0034
Venlafaxine	Venlafaxine-D6	6.986	9320284	1500910	6.2098	232.2169
Trazodone	Trazodone-D6	7.076	2928577	398438	7.3501	239.7508
Citalopram	Citalopram-D6	7.118	2905873	500366	5.8075	242.5736

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

TS

a cal 6-250ng

<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	7.150	1114515	171364	6.5038	239.6009
Diphenhydramine	Diphenhydramine-D3	7.173	6037571	1275612	4.7331	240.6176
Promethazine	Promethazine-D3	7.368	3781387	558135	6.7750	240.6890
Clonazepam	Clonazepam-D4	7.405	1694652	56268	30.1173	247.0036
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.480	416934	73636	5.6621	242.0830
Carisoprodol	Carisoprodol-D7	7.514	2174001	299404	7.2611	246.0802
Lorazepam	Clonazepam-D4	7.523	550107	56268	9.7765	214.0346
Alprazolam	Alprazolam-D5	7.547	4452882	516261	8.6252	247.3518

TS

# ISP FORENSICS - Pocatello Instrument # 59740

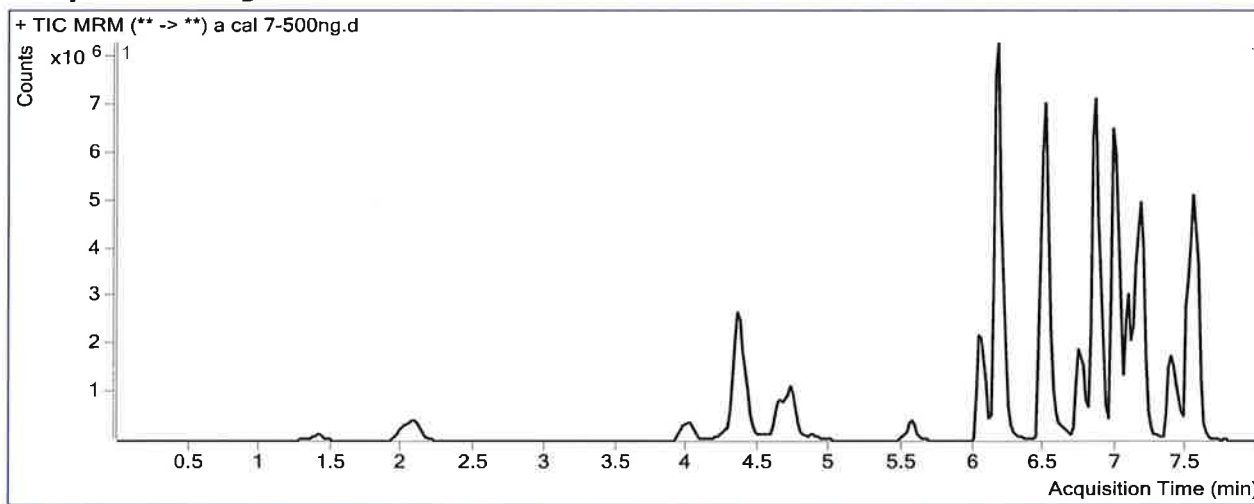
## Multi-Drug Confirmatory Analysis Report

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**Analysis Time** 5/7/2018 8:29 AM **Analyst Name** ISPUser  
**Report Time** 5/7/2018 8:33 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/7/2018 8:29 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-05-03 15:07 **Data File** a cal 7-500ng.d  
**Sample Type** Calibration **Sample Name** a cal 7-500ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m  
**Position** P1-B12 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.388	507732	18130	28.0045	513.9254
Hydromorphone	Hydromorphone-D6	2.089	1923872	112905	17.0397	502.1366
Codeine	Codeine-D6	3.992	705434	51483	13.7022	524.4406
Amphetamine	Amphetamine-D11	4.364	4671354	161231	28.9730	420.5301
Oxycodone	Oxycodone-D6	4.370	6549353	403732	16.2220	500.7417
Hydrocodone	Hydrocodone-D6	4.655	2042164	222869	9.1631	495.3658
Norhydrocodone	Norhydrocodone-D3	4.699	110138	39987	2.7543	462.5911
Methamphetamine	Methamphetamine-D11	4.724	3477716	187580	18.5399	461.6076
6-MAM	6-MAM-D6	4.869	97233	79176	1.2281	49.7278
Phentermine	Phentermine-D5	5.566	1762729	309257	5.6999	470.7208
Dextrophan	Dextrophan-D3	6.042	3101515	501118	6.1892	506.1960
7-aminoclonazepam	7-Aminoclonazepam-D4	6.154	4114731	338334	12.1617	521.1349
Tramadol	Tramadol-13C-D3	6.179	24865388	2212413	11.2390	501.7599
Doxylamine	Doxylamine-D5	6.502	12300170	1123730	10.9458	514.7607
Bupropion	Bupropion-D9	6.750	3614907	235581	15.3446	479.1137
Meprobamate	Meprobamate-D7	6.853	1885717	136149	13.8504	505.4752
Zolpidem	Zolpidem-D6	6.862	17628673	1806216	9.7600	502.6065
Venlafaxine	Venlafaxine-D6	6.986	16968639	1263044	13.4347	500.7111
Trazodone	Trazodone-D6	7.076	4511337	271859	16.5944	540.2425
Citalopram	Citalopram-D6	7.138	3782806	328348	11.5207	479.4428



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

TS

a cal 7-500ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	7.170	1324818	94150	14.0713	516.7775
Diphenhydramine	Diphenhydramine-D3	7.193	7551199	783141	9.6422	489.2959
Promethazine	Promethazine-D3	7.368	3858758	280241	13.7694	487.2263
Clonazepam	Clonazepam-D4	7.424	2847458	49157	57.9253	474.0749
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.480	777268	66175	11.7457	500.5969
Carisoprodol	Carisoprodol-D7	7.514	4033049	285779	14.1125	476.3778
Lorazepam	Clonazepam-D4	7.523	957955	49157	19.4875	427.2955
Alprazolam	Alprazolam-D5	7.547	8438717	465700	18.1205	518.7193

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

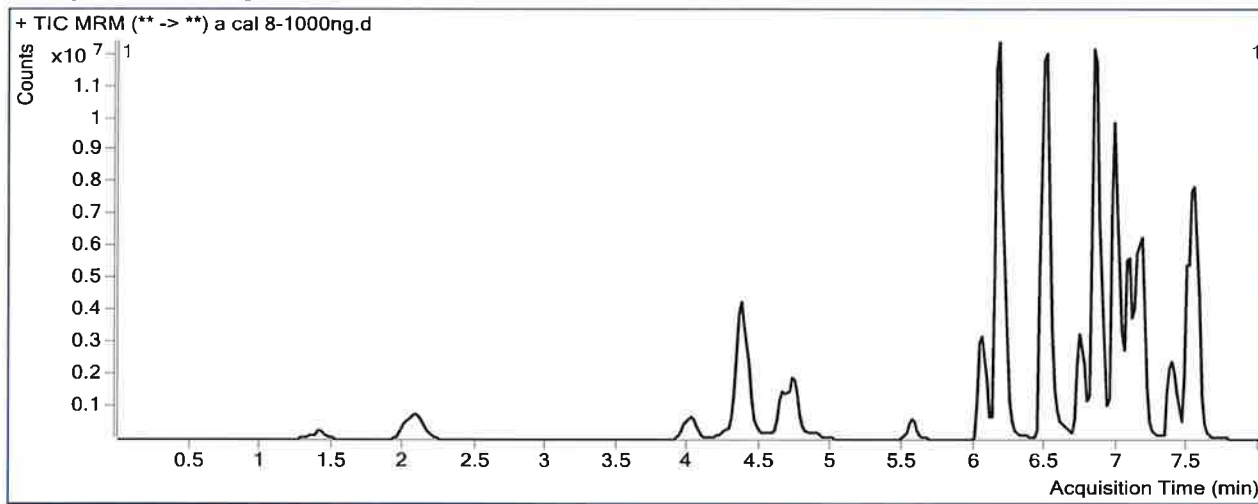
TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1a TS wklist 2374.ba  
**Analysis Time** 5/7/2018 8:29 AM **Analyst Name** ISPUser  
**Report Time** 5/7/2018 8:33 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/7/2018 8:29 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-05-03 15:38 **Data File** a cal 8-1000ng.d  
**Sample Type** Calibration **Sample Name** a cal 8-1000ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m  
**Position** P1-A12 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.408	1003112	18311	54.7815	1003.2840
Hydromorphone	Hydromorphone-D6	2.089	3617942	104342	34.6739	1019.4388
Codeine	Codeine-D6	4.013	1209886	46088	26.2517	1002.9157
Amphetamine	Amphetamine-D11	4.384	6031873	117526	51.3236	745.2901
Oxycodone	Oxycodone-D6	4.370	12058809	368950	32.6841	1007.3163
Hydrocodone	Hydrocodone-D6	4.655	3546787	190077	18.6598	1007.5025
Norhydrocodone	Norhydrocodone-D3	4.699	168379	25816	6.5222	1073.9939
Methamphetamine	Methamphetamine-D11	4.744	6473142	150253	43.0815	1071.1802
6-MAM	6-MAM-D6	4.889	180621	70878	2.5483	103.1413
Phentermine	Phentermine-D5	5.566	2707189	233456	11.5961	956.8260
Dextrophan	Dextrophan-D3	6.062	4556164	359850	12.6613	1034.5482
7-aminoclonazepam	7-Aminoclonazepam-D4	6.154	6459978	286744	22.5287	965.2771
Tramadol	Tramadol-13C-D3	6.179	39663588	1761287	22.5197	1004.9457
Doxylamine	Doxylamine-D5	6.502	21128657	989984	21.3424	1001.8220
Bupropion	Bupropion-D9	6.750	6079549	177420	34.2663	1067.1916
Meprobamate	Meprobamate-D7	6.833	2983797	110387	27.0303	985.9169
Zolpidem	Zolpidem-D6	6.862	31655601	1646474	19.2263	989.3103
Venlafaxine	Venlafaxine-D6	6.986	26852546	976905	27.4874	1022.9363
Trazodone	Trazodone-D6	7.076	9084521	268259	33.8647	1101.6309
Citalopram	Citalopram-D6	7.118	5291443	211482	25.0208	1039.1512

D

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

*a cal 8-1000ng*

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	7.150	1709756	62659	27.2867	1000.8243
Diphenhydramine	Diphenhydramine-D3	7.173	10130290	501628	20.1948	1023.8538
Promethazine	Promethazine-D3	7.368	5257625	180093	29.1939	1030.9103
Clonazepam	Clonazepam-D4	7.405	4188208	33307	125.7472	1027.8852
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.460	1302333	54777	23.7753	1011.7716
Carisoprodol	Carisoprodol-D7	7.494	6627516	215882	30.6997	1033.9283
Lorazepam	Clonazepam-D4	7.523	1664914	33307	49.9876	1097.0950
Alprazolam	Alprazolam-D5	7.547	14081765	378058	37.2476	1065.3566

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

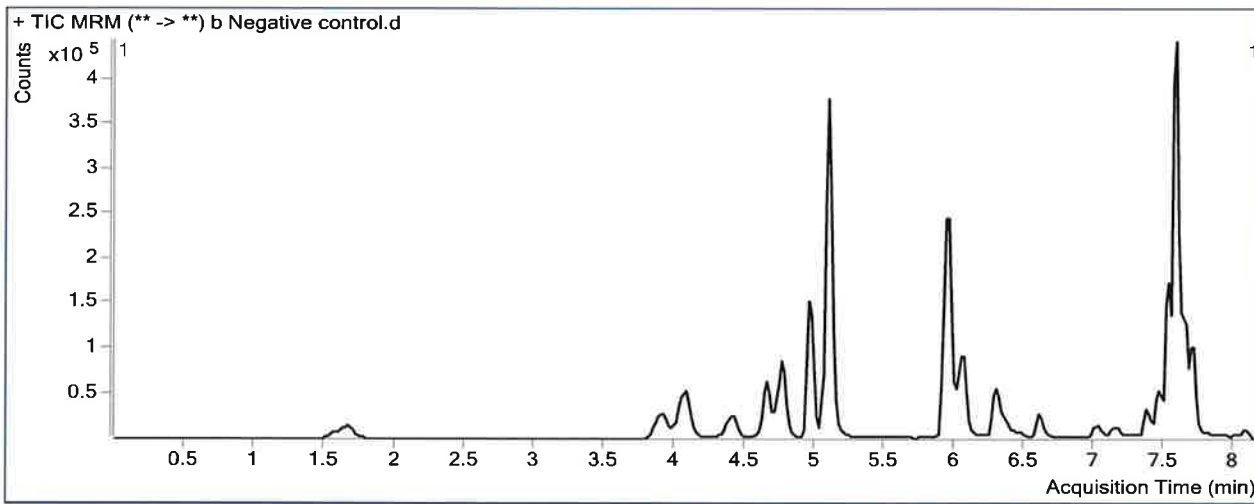
TS

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**Analysis Time** 5/9/2018 8:31 AM **Analyst Name** ISPUser  
**Report Time** 5/9/2018 8:32 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/9/2018 8:30 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-03 16:41 **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-C11 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.096	7279	1464887	0.0050	1.1493 <5 TS
alpha-PVP	alpha-PVP-d8	6.328	3469	295217	0.0117	1.4520 <5 TS
Fentanyl	Fentanyl-D5	7.039	607	43851	0.0138	0.9058 *
Methadone	Methadone-D9	7.463	13337	123391	0.1081	4.6352 <5 TS
Fluoxetine	Fluoxetine-D6	7.504	5659	61420	0.0921	4.7828 <25 TS
Buprenorphine	Buprenorphine-D4	7.597	659	25572	0.0258	0.9785 compound not evaluated-TS

★ Fentanyl negative due to ratio being out of range. - TS

TS

# ISP FORENSICS - Pocatello Instrument # 59740

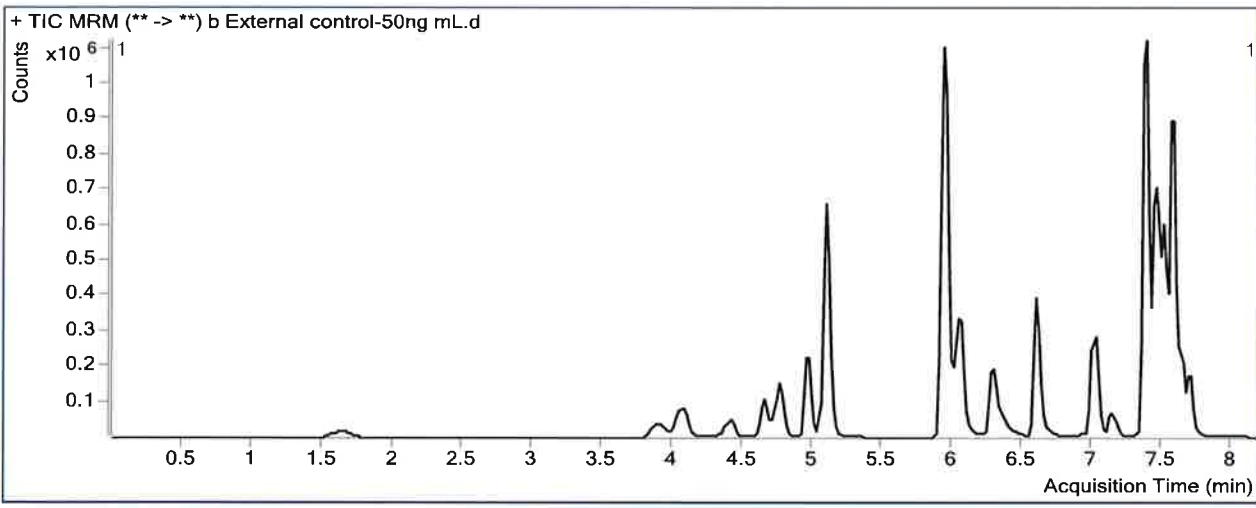
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1b TS wk1st 2374.ba  
**Analysis Time** 5/7/2018 8:43 AM **Analyst Name** ISPUser  
**Report Time** 5/7/2018 8:45 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/7/2018 8:43 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-03 17:13 **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-D11 **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
<u>Ketamine</u>	Ketamine-D4	5.941	1958151	1244469	1.5735	<u>65.3414</u>
EDDP	EDDP-D3	7.150	1336	228316	0.0058	1.5420 < 5 TS
<u>Quetiapine</u>	Quetiapine-D8	7.380	2150513	400450	5.3702	<u>48.4151</u>
Fluoxetine	Fluoxetine-D6	7.523	3468	1008690	0.0034	0.8216 < 25 TS

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

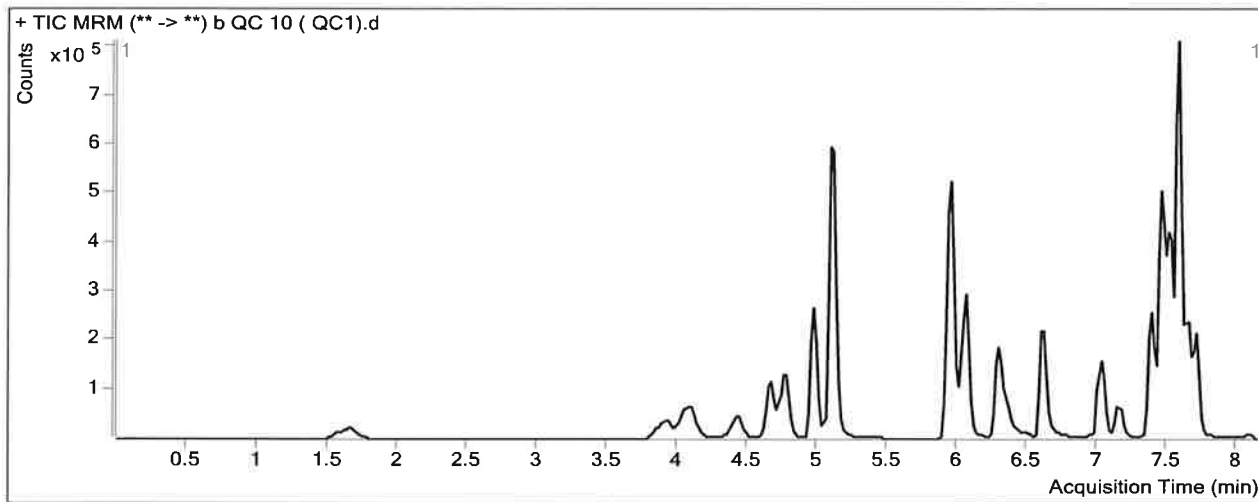
TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1b TS wklist 2374.ba  
**Analysis Time** 5/9/2018 8:32 AM **Analyst Name** ISPUser  
**Report Time** 5/9/2018 8:35 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/9/2018 8:32 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-03 18:16 **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-H11 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.648	44864	165284	0.2714	10.1454
Dihydrocodeine	Dihydrocodeine-D6	3.935	32317	202614	0.1595	8.9933
Naloxone	Naloxone-D5	4.132	69837	411109	0.1699	10.3140
Noroxycodone	Noroxycodone-D3	4.457	58517	204060	0.2868	9.9776
Naltrexone	Naltrexone-D3	4.671	79085	382769	0.2066	9.9882
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.823	13756	576033	0.0239	0.9382
Naltrexol	Naltrexol-D3	4.970	176112	757964	0.2323	9.8160
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.120	436673	2070202	0.2109	10.3484
Ketamine	Ketamine-D4	5.941	215175	980826	0.2194	9.7186
Norfentanyl	Norfentanyl-D5	5.984	17280	1049586	0.0165	1.0323
alpha-PVP	alpha-PVP-d8	6.308	141768	762249	0.1860	9.9682
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.621	11451	867990	0.0132	0.9694
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.955</del>	<del>155</del>	<del>23021</del>	<del>0.0067</del>	<del>0.4207</del>
Fentanyl	Fentanyl-D5	7.039	7903	550804	0.0143	0.9338
EDDP	EDDP-D3	7.150	34028	177103	0.1921	9.8921
Quetiapine	Quetiapine-D8	7.380	269767	243597	1.1074	10.5169
Sufentanil	Sufentanil-D5	7.399	6117	266763	0.0229	1.0243
Cyclobenzaprine	Cyclobenzaprine-D3	7.433	54671	198441	0.2755	11.1561
Methadone	Methadone-D9	7.463	268163	1078082	0.2487	10.0767

*compound not evaluated. D*

TS

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

b QC 10 (QC1)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.523	105058	514273	0.2043	9.7921
Oxazepam	Oxazepam-D5	7.529	70795	458584	0.1544	9.8980
Sertraline	Sertraline-D3	7.565	46158	232916	0.1982	10.8699
Temazepam	Temazepam-D5	7.587	273888	1534049	0.1785	10.5643
<del>Buprenorphine</del>	<del>Buprenorphine-D4</del>	<del>7.617</del>	<del>7859</del>	<del>247990</del>	<del>0.0317</del>	<del>1.1104</del>
Nordiazepam	Nordiazepam-D5	7.655	137933	440894	0.3128	9.5848
Diazepam	Diazepam-D5	7.712	90270	355101	0.2542	10.5347

compound not evaluated. TS

TS

# ISP FORENSICS - Pocatello Instrument # 59740

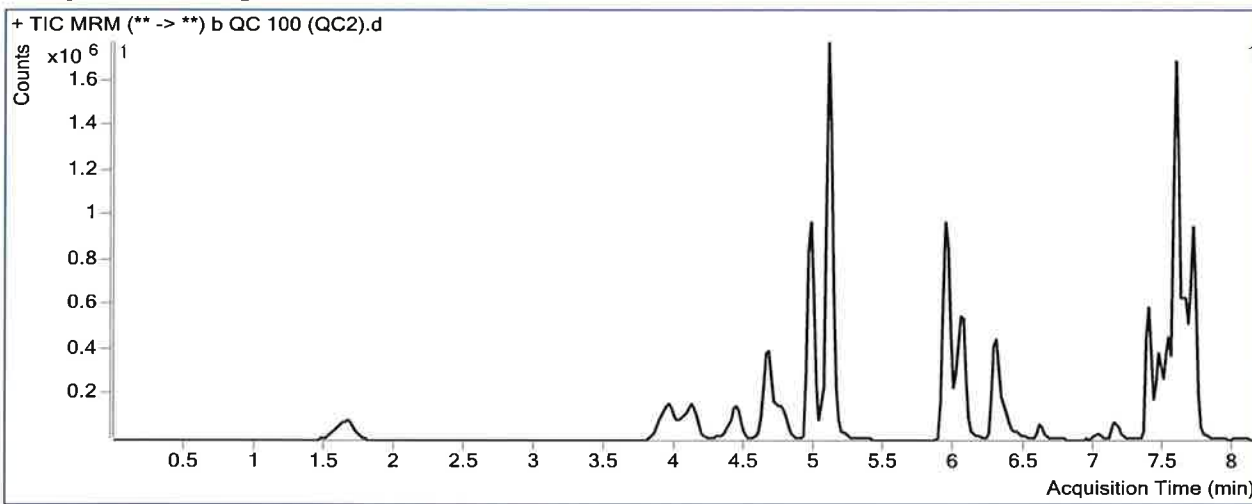
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1b TS wklist 2374.ba  
**Analysis Time** 5/9/2018 8:32 AM **Analyst Name** ISPUser  
**Report Time** 5/9/2018 8:35 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/9/2018 8:32 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-05-03 20:37 **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-G11 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.668	543960	173183	3.1410	97.5584
Dihydrocodeine	Dihydrocodeine-D6	3.955	400915	202374	1.9811	105.3917
Naloxone	Naloxone-D5	4.112	682409	393025	1.7363	93.4434
Noroxycodone	Noroxycodone-D3	4.437	607645	183731	3.3073	101.7622
Naltrexone	Naltrexone-D3	4.671	864460	372318	2.3218	104.0753
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.804	131484	500193	0.2629	9.4433
Naltrexol	Naltrexol-D3	4.970	2097214	804663	2.6063	103.2601
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.096	4659157	2061395	2.2602	101.8756
Ketamine	Ketamine-D4	5.941	2087837	856781	2.4368	100.8057
Norfentanyl	Norfentanyl-D5	5.984	152319	795447	0.1915	9.8586
alpha-PVP	alpha-PVP-d8	6.308	1081002	502311	2.1521	106.0641
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.621	23498	184924	0.1271	8.0897
Norbuprenorphine	Norbuprenorphine-D3	6.955	876	5745	0.1524	8.1361
Fentanyl	Fentanyl-D5	7.019	11697	81081	0.1443	8.2057
EDDP	EDDP-D3	7.150	155681	71079	2.1902	99.4539
Quetiapine	Quetiapine-D8	7.380	1283529	101783	12.6104	112.7830
Sufentanil	Sufentanil-D5	7.379	10334	46436	0.2225	10.2175
Cyclobenzaprine	Cyclobenzaprine-D3	7.433	100004	31302	3.1948	114.8892
Methadone	Methadone-D9	7.463	606103	225973	2.6822	104.2192

*Compound not evaluated. TS*



TS

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report *b QC 100 (QC2)*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.504	205644	90831	2.2640	101.7876
Oxazepam	Oxazepam-D5	7.529	493847	287646	1.7169	94.2474
Sertraline	Sertraline-D3	7.565	84417	41415	2.0383	93.6740
Temazepam	Temazepam-D5	7.587	2666249	1382595	1.9284	95.1772
<del>Buprenorphine</del>	<del>Buprenorphine-D4</del>	<del>7.617</del>	<del>18439</del>	<del>49830</del>	<del>0.3700</del>	<del>8.6571</del>
Nordiazepam	Nordiazepam-D5	7.655	1170198	342561	3.4160	97.7644
Diazepam	Diazepam-D5	7.712	972680	353526	2.7514	100.1091

*compound not evaluated. TS*

TS

# ISP FORENSICS - Pocatello Instrument # 59740

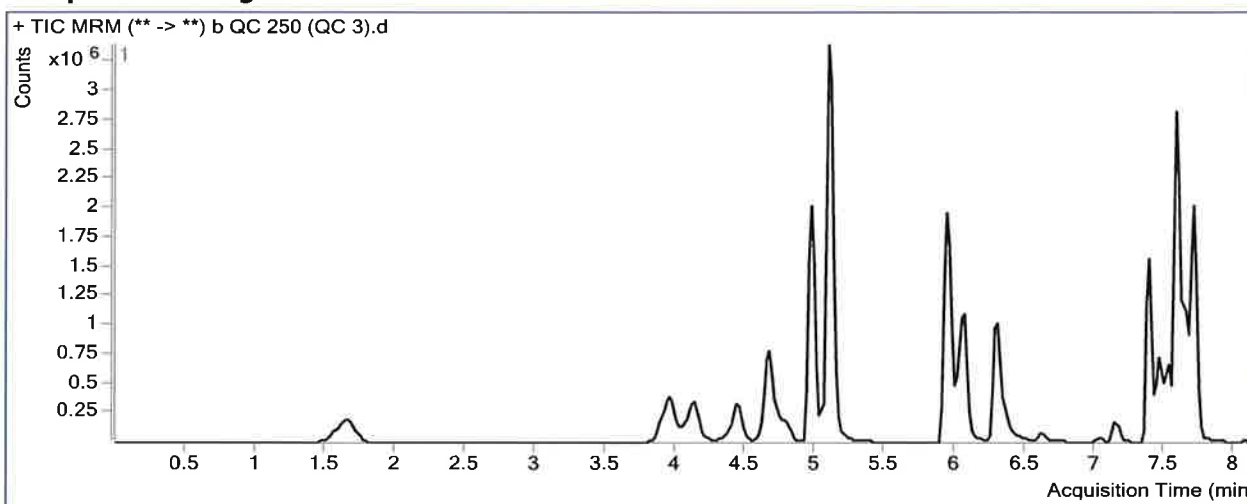
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1b TS wklist 2374.ba  
**Analysis Time** 5/9/2018 8:32 AM **Analyst Name** ISPUser  
**Report Time** 5/9/2018 8:35 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/9/2018 8:32 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-03 23:30 **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-F11 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.668	1359144	170676	7.9633	244.4596
Dihydrocodeine	Dihydrocodeine-D6	3.955	997907	208266	4.7915	254.1225
Naloxone	Naloxone-D5	4.132	1689726	367296	4.6005	245.4428
Noroxycodone	Noroxycodone-D3	4.457	1416979	172929	8.1940	250.2569
Naltrexone	Naltrexone-D3	4.671	1859045	332413	5.5926	249.5613
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.823	347310	521878	0.6655	23.7724
Naltrexol	Naltrexol-D3	4.970	5008784	812382	6.1656	243.3578
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.096	11450507	2076166	5.5152	247.2562
Ketamine	Ketamine-D4	5.941	5434701	908392	5.9828	246.4628
Norfentanyl	Norfentanyl-D5	5.984	410150	834629	0.4914	24.9837
alpha-PVP	alpha-PVP-d8	6.308	2591431	513346	5.0481	247.6149
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.621	56839	169789	0.3348	21.0760
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.955</del>	<del>1810</del>	<del>4821</del>	<del>0.3755</del>	<del>19.9439</del>
Fentanyl	Fentanyl-D5	7.039	31294	67842	0.4613	25.9500
EDDP	EDDP-D3	7.150	370242	72615	5.0987	229.8204
Quetiapine	Quetiapine-D8	7.380	3441214	113525	30.3124	270.1615
Sufentanil	Sufentanil-D5	7.379	20094	34824	0.5770	26.5436
Cyclobenzaprine	Cyclobenzaprine-D3	7.433	202207	27519	7.3479	262.4640
Methadone	Methadone-D9	7.463	1280088	189864	6.7421	261.2847

Compound not evaluated. TS

TS

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** b GC 250 (QC3)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.504	437969	74398	5.8869	263.5959
Oxazepam	Oxazepam-D5	7.529	688548	171919	4.0051	217.7752
Sertraline	Sertraline-D3	7.585	193300	38945	4.9634	225.3026
Temazepam	Temazepam-D5	7.587	5412223	1162268	4.6566	227.0920
<del>Buprenorphine</del>	<del>Buprenorphine-D4</del>	<del>7.617</del>	<del>34953</del>	<del>39227</del>	<del>0.8910</del>	<del>20.2772</del>
Nordiazepam	Nordiazepam-D5	7.655	2363198	281315	8.4005	239.4037
Diazepam	Diazepam-D5	7.712	2298579	345966	6.6439	239.7383

compound not evaluated TS

TS

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

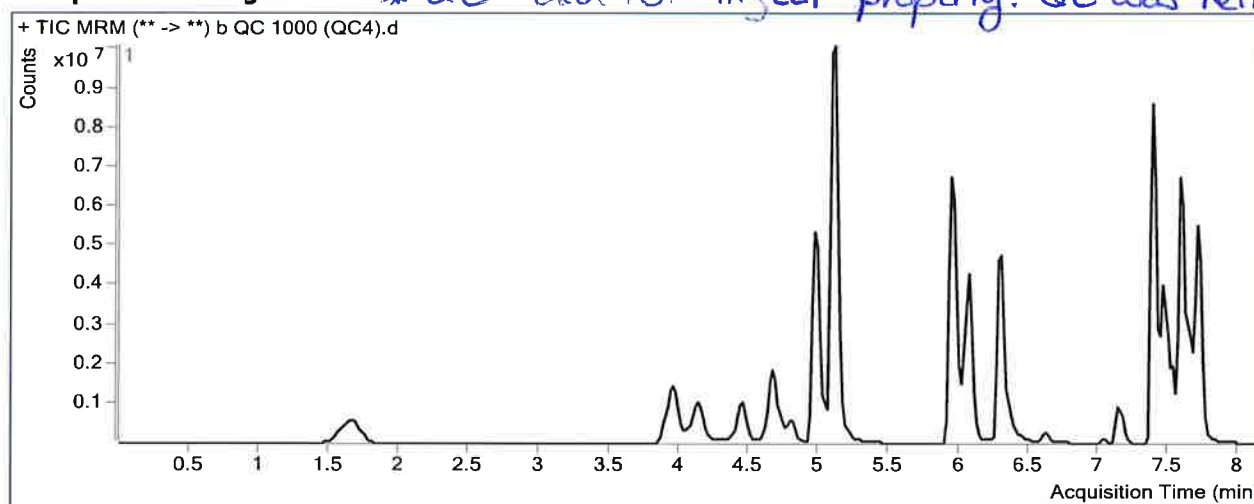
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**Analysis Time** 5/9/2018 8:32 AM **Analyst Name** ISUser  
**Report Time** 5/9/2018 8:35 AM **Reporter Name** ISUser  
**Last Calib Update** 5/9/2018 8:32 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-04 02:07 **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-E11 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

### Sample Chromatogram

*\* QC did not inject properly. QC was re-injected. -TS*



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.668	4723741	143509	32.9159	1004.5802
Dihydrocodeine	Dihydrocodeine-D6	3.955	3751270	205858	18.2226	964.9037
Naloxone	Naloxone-D5	4.132	5405701	249559	21.6610	1150.8384
Noroxycodone	Noroxycodone-D3	4.457	4669874	132535	35.2350	1071.9617
Naltrexone	Naltrexone-D3	4.671	4859035	215640	22.5331	1003.0891
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.823	1600518	519586	3.0804	109.7140
Naltrexol	Naltrexol-D3	4.970	15726351	648714	24.2423	954.8934
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.120	42126138	1914865	21.9995	983.5032
Ketamine	Ketamine-D4	5.941	22400437	915690	24.4629	1005.5764
Norfentanyl	Norfentanyl-D5	5.984	1886577	851212	2.2163	111.9699
alpha-PVP	alpha-PVP-d8	6.308	12138904	592985	20.4709	1001.4336
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.621	397980	264753	1.5032	94.1345
Norbuprenorphine	Norbuprenorphine-D3	6.955	8873	4802	1.8478	97.8885
Fentanyl	Fentanyl-D5	7.039	185296	98231	1.8863	105.7155
EDDP	EDDP-D3	7.150	2049557	85836	23.8777	1071.5601
Quetiapine	Quetiapine-D8	7.380	19640932	171045	114.8288	1021.5474
Sufentanil	Sufentanil-D5	7.379	115501	52467	2.2014	101.3603
Cyclobenzaprine	Cyclobenzaprine-D3	7.433	1310759	45321	28.9216	1029.0541
Methadone	Methadone-D9	7.463	6675585	275450	24.2352	938.0346

*Compound not estimated - TS*

TS

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

b QC 1000 (QC4)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.523	2065643	92133	22.4203	1002.0347
Oxazepam	Oxazepam-D5	7.529	1568308	91161	17.2037	930.2938
Sertraline	Sertraline-D3	7.585	915686	39458	23.2064	1046.2203
Temazepam	Temazepam-D5	7.587	13459561	735025	18.3117	887.3567
<del>Buprenorphine</del>	<del>Buprenorphine-D4</del>	<del>7.617</del>	<del>187709</del>	<del>33746</del>	<del>5.5624</del>	<del>124.4671</del>
Nordiazepam	Nordiazepam-D5	7.655	5163773	160484	32.1762	915.0102
Diazepam	Diazepam-D5	7.712	7503652	262765	28.5565	1025.7547

compound not evaluated. - TS

\*QC did not inject properly. QC was re-injected. - TS

TS

# ISP FORENSICS - Pocatello Instrument # 59740

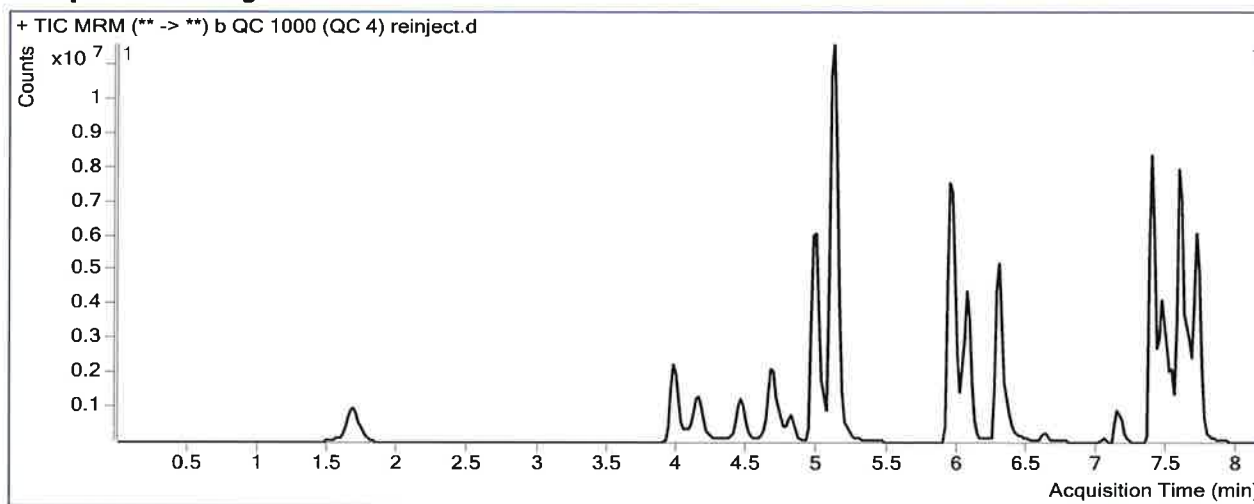
## Multi-Drug Confirmatory Analysis Report

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**Analysis Time** 5/9/2018 8:32 AM **Analyst Name** ISPUser  
**Report Time** 5/9/2018 8:36 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/9/2018 8:32 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-04 10:00 **Data File** b QC 1000 (QC 4) reinject.d  
**Sample Type** QC **Sample Name** b QC 1000 (QC4)  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.m  
**Position** P1-E11 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.688	5575467	178954	31.1559	950.9671
Dihydrocodeine	Dihydrocodeine-D6	3.975	4317830	261225	16.5291	875.2861
Naloxone	Naloxone-D5	4.153	6212824	298759	20.7954	1104.9036
Noroxycodone	Noroxycodone-D3	4.457	5429422	154074	35.2390	1072.0823
Naltrexone	Naltrexone-D3	4.671	5581479	247402	22.5604	1004.3038
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.823	1941466	639559	3.0356	108.1218
Naltrexol	Naltrexol-D3	4.990	18743836	762541	24.5808	968.2144
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.120	48560632	2272365	21.3701	955.3899
Ketamine	Ketamine-D4	5.941	26630169	1083430	24.5795	1010.3661
Norfentanyl	Norfentanyl-D5	6.004	2144240	954120	2.2473	113.5335
alpha-PVP	alpha-PVP-d8	6.308	12467084	630989	19.7580	966.5924
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.621	390103	262807	1.4844	92.9564
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.955</del>	<del>8303</del>	<del>4570</del>	<del>1.8169</del>	<del>96.2524</del>
Fentanyl	Fentanyl-D5	7.039	189583	94211	2.0123	112.7678
EDDP	EDDP-D3	7.150	2014776	85967	23.4366	1051.7854
Quetiapine	Quetiapine-D8	7.380	18890286	159547	118.3998	1053.2952
Sufentanil	Sufentanil-D5	7.379	126636	49425	2.5622	117.9764
Cyclobenzaprine	Cyclobenzaprine-D3	7.433	1569368	56587	27.7339	986.8511
Methadone	Methadone-D9	7.463	7679467	292679	26.2385	1015.5372

*compound not cultivated. TS*

TS

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report *to QC 1000 (QC4) reproject*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.504	2188081	91913	23.8059	1063.9202
Oxazepam	Oxazepam-D5	7.529	1946615	101676	19.1453	1035.1135
Sertraline	Sertraline-D3	7.585	1226597	51228	23.9438	1079.4005
Temazepam	Temazepam-D5	7.587	16960781	840994	20.1675	977.0915
<del>Buprenorphine</del>	<del>Buprenorphine-D4</del>	<del>7.617</del>	<del>158136</del>	<del>28008</del>	<del>5.6461</del>	<del>126.3344</del> <i>compound not evaluated. TS</i>
Nordiazepam	Nordiazepam-D5	7.655	5553171	150870	36.8077	1046.6178
Diazepam	Diazepam-D5	7.712	8231076	295650	27.8406	1000.0755

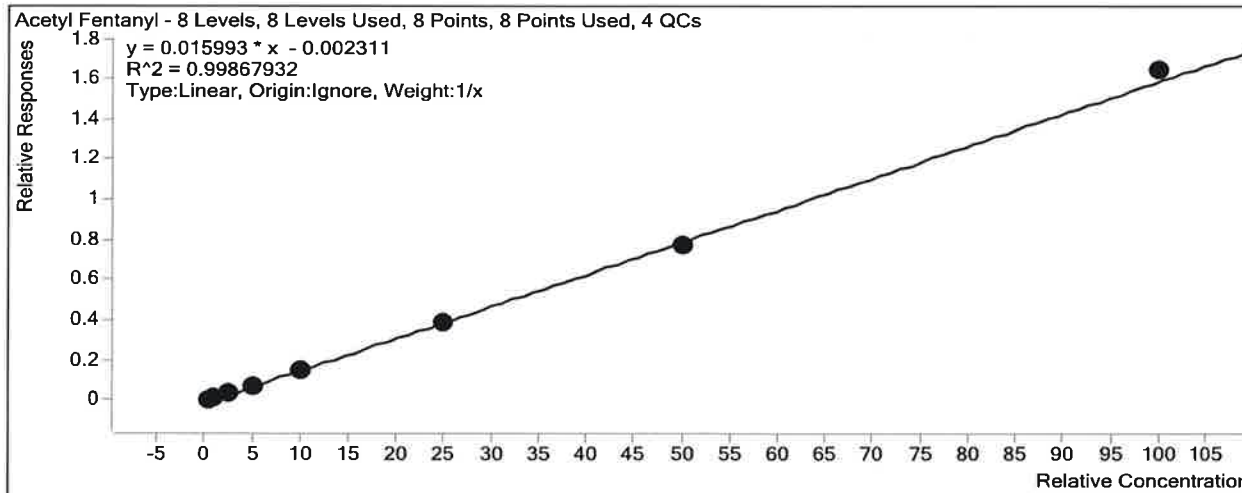
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1b  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	122.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	101.5
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	1	1.0	96.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	91.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.6	92.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.4	93.8
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	8.1	80.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.4	97.7
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	21.1	84.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	48.8	97.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	102.9	102.9
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	93.0	93.0



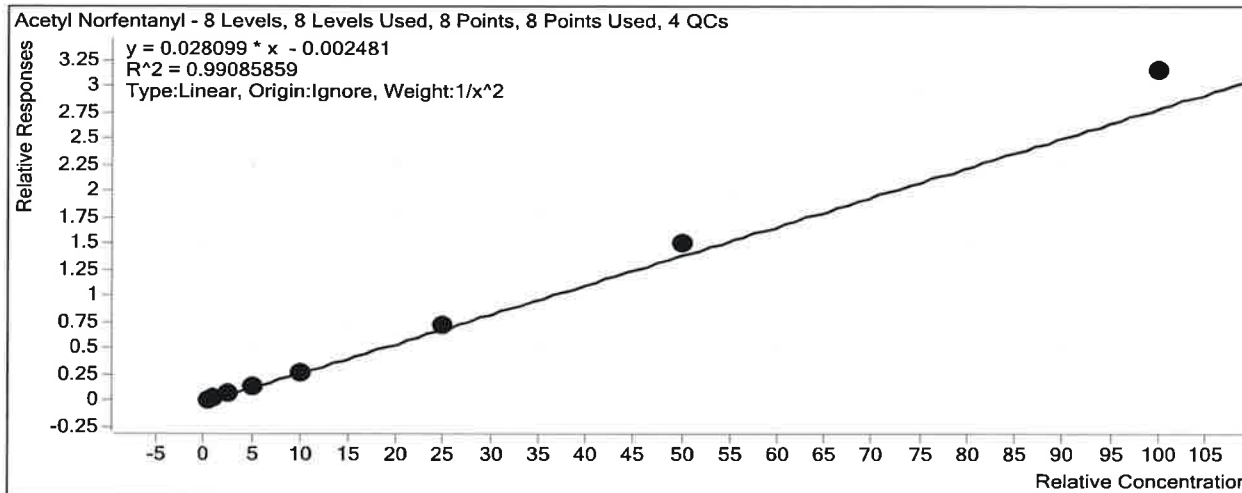
TS

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1b  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	106.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.9	92.3
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	1	0.9	93.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.2	89.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	94.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.6	96.0
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	9.4	94.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.6	102.3
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	23.8	95.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	53.7	107.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	112.3	112.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	108.1	108.1

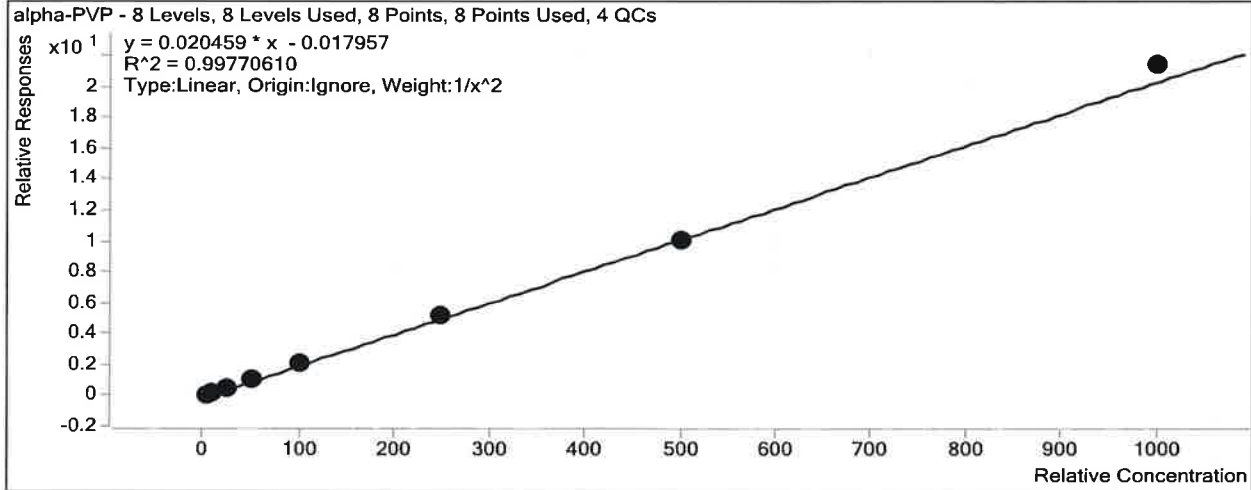
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1b  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	93.7
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.0	99.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.6	94.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.5	100.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.3	102.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	106.1	106.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.7	101.5
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	493.2	98.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1046.9	104.7
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	966.6	96.7

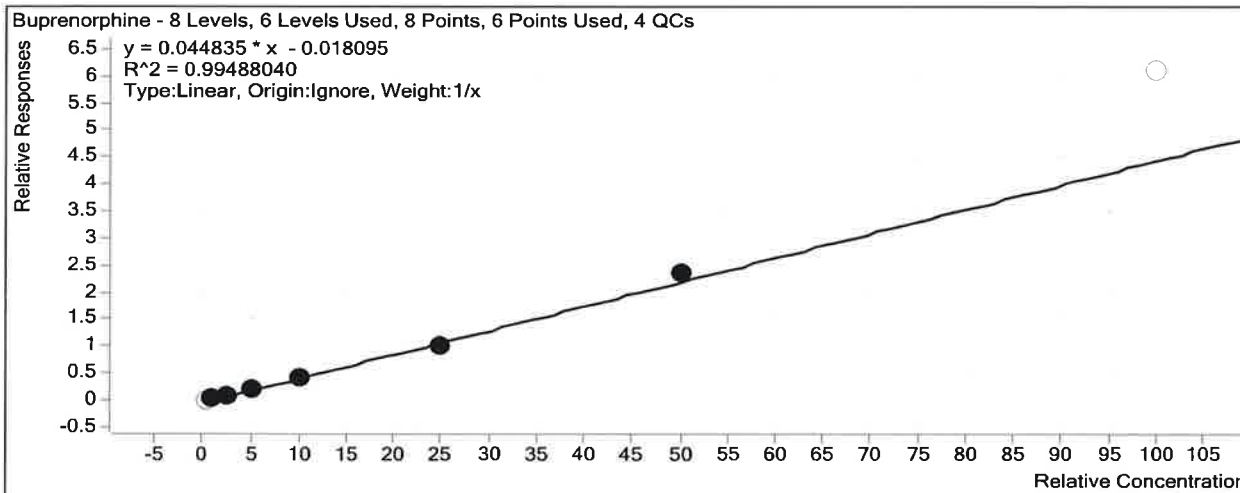
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1b  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	0.8	152.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.2	115.3
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	1	1.1	111.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	95.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	94.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.8	98.2
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	8.7	86.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	22.8	91.2
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	20.3	81.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	52.6	105.2
b cal 8-1000ng	8	<input type="checkbox"/>	100	136.3	136.3
b QC 1000 (QC4)	8	<input type="checkbox"/>	100	126.3	126.3

\* Compound not evaluated. - TS

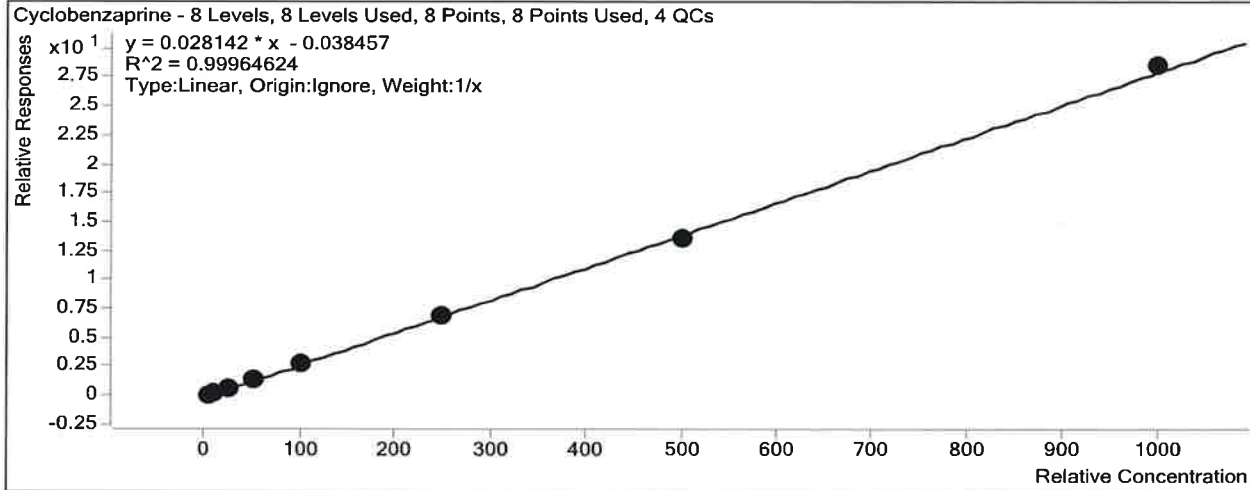
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1b  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **Analyst Name** ISP TOX

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



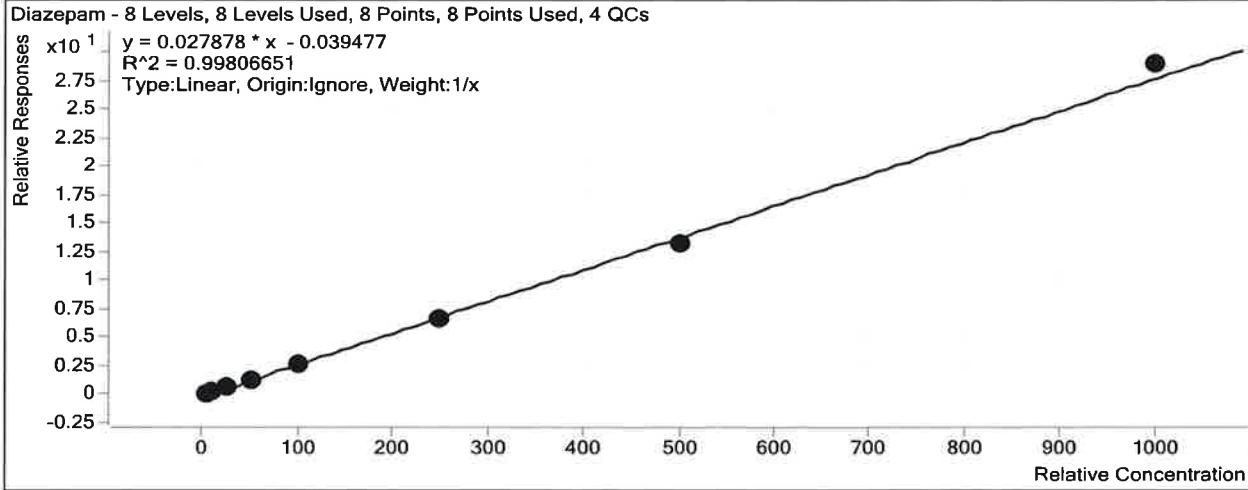
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.5	109.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.6
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	11.2	111.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	95.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.9	99.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.6	98.6
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	114.9	114.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.9	100.3
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	262.5	105.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	487.6	97.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1013.9	101.4
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	986.9	98.7

TS

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1b  
TS wklst 2374.batch.bin  
**Last Calib Update** 5/7/2018 8:43 AM **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	5.6	112.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.0
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.5	105.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.8	95.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.0	95.0
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.1	100.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	241.0	96.4
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	239.7	95.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	476.3	95.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1039.3	103.9
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1000.1	100.0

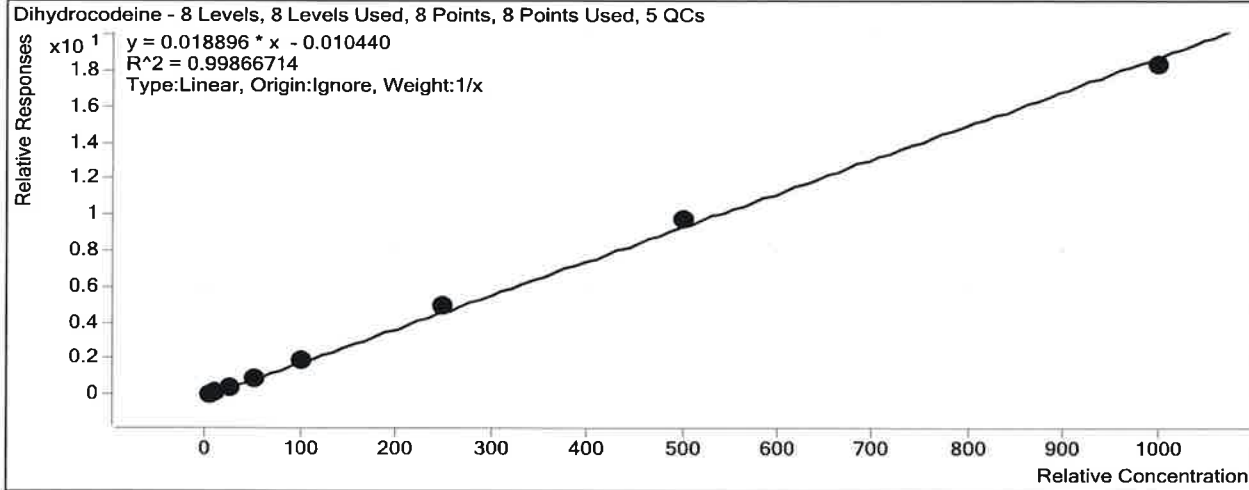
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1b  
TS wklist 2374.batch.bin

**Last Calib Update** 5/9/2018 8:32 AM      **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	5.1	102.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.0
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.0	89.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.5	93.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.3	98.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.9	102.9
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	105.4	105.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.6	105.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	254.1	101.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	514.6	102.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	970.3	97.0
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	964.9	96.5
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	875.3	87.5

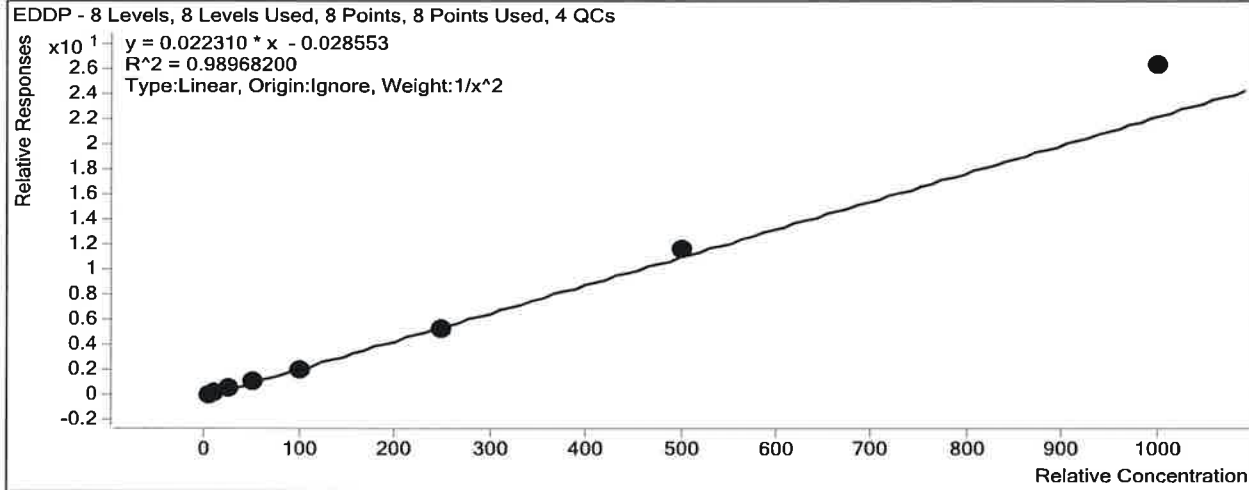
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1b  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	91.3
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.9	98.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.8	93.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.9	94.9
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.5	99.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	240.4	96.2
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	229.8	91.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	523.5	104.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1177.0	117.7
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1051.8	105.2

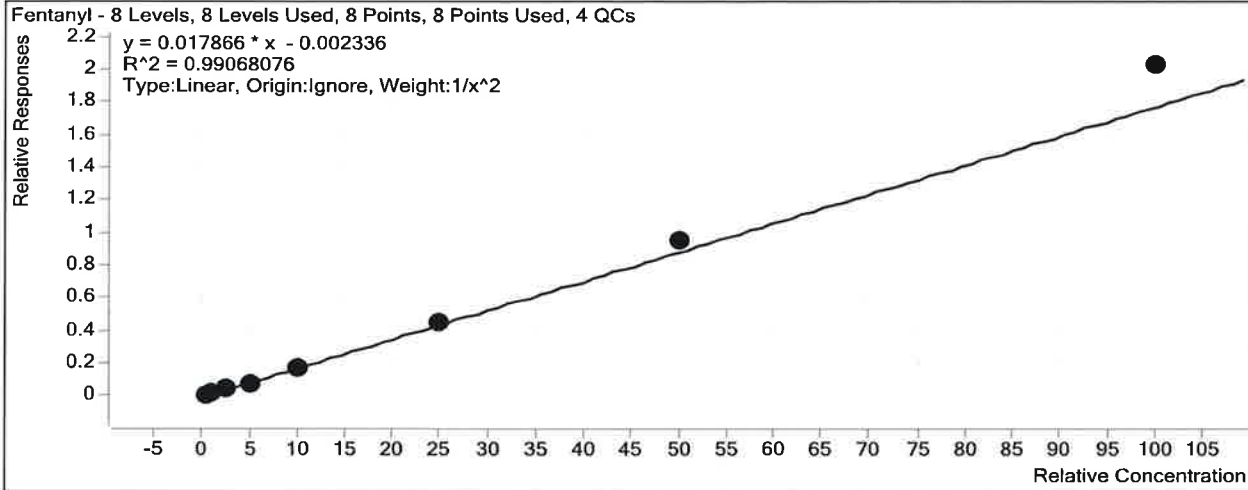
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1b  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	0.5	104.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	96.0
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	1	0.9	93.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	91.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.4	87.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.8	97.7
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	8.2	82.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.5	102.2
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	25.9	103.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	53.3	106.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	113.5	113.5
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	112.8	112.8



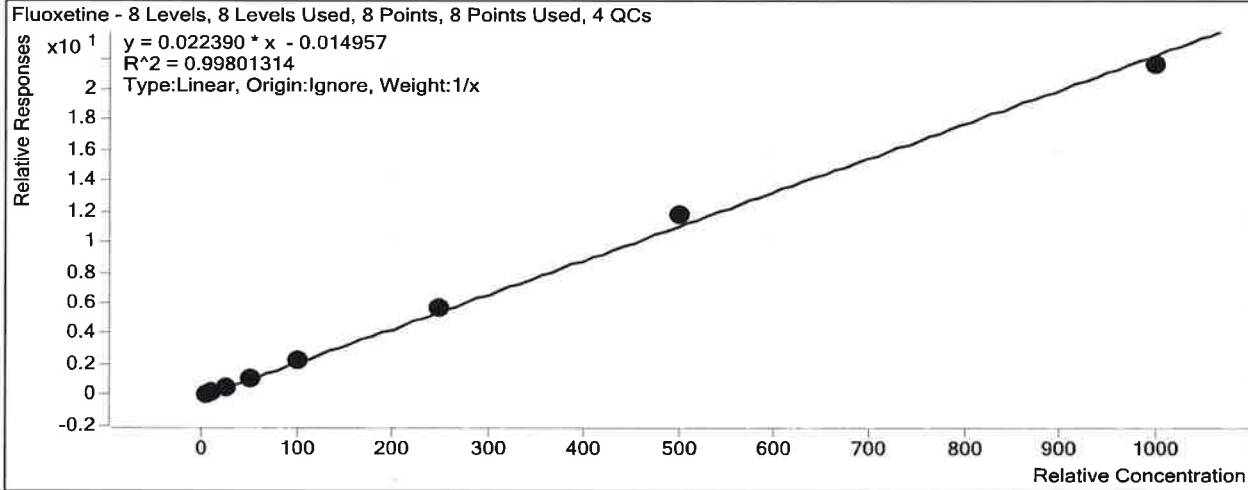
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1b  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	5.2	104.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.8
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.8	97.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.7	90.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.8	103.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.6	102.6
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	101.8	101.8
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	263.6	105.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	530.3	106.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	964.6	96.5
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1063.9	106.4

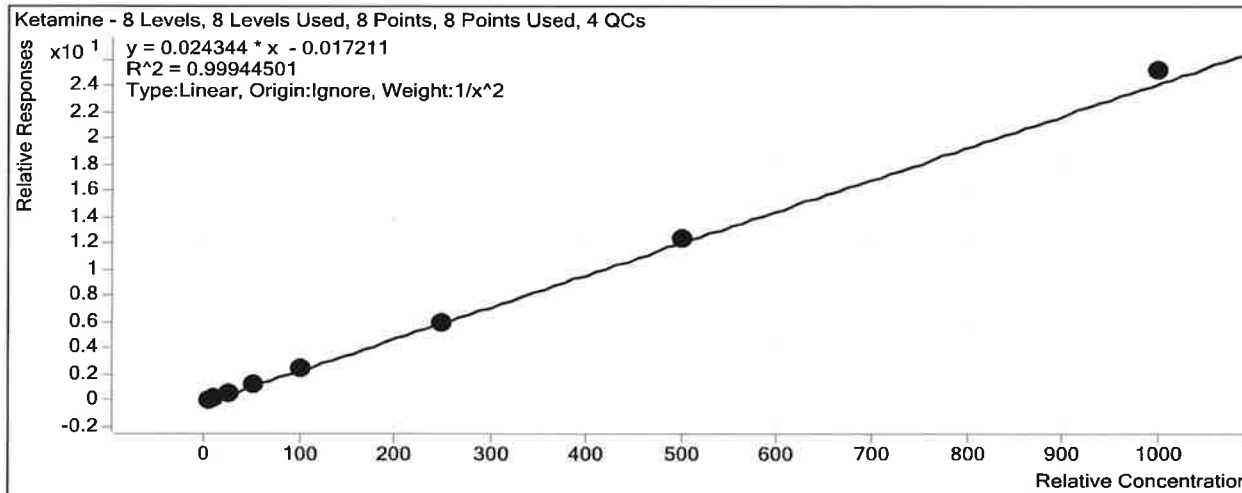
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1b  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	5.0	100.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.6
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.7	97.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	97.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.2	98.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.5	100.5
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.8	100.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	243.7	97.5
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	246.5	98.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.3	101.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1034.6	103.5
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1010.4	101.0

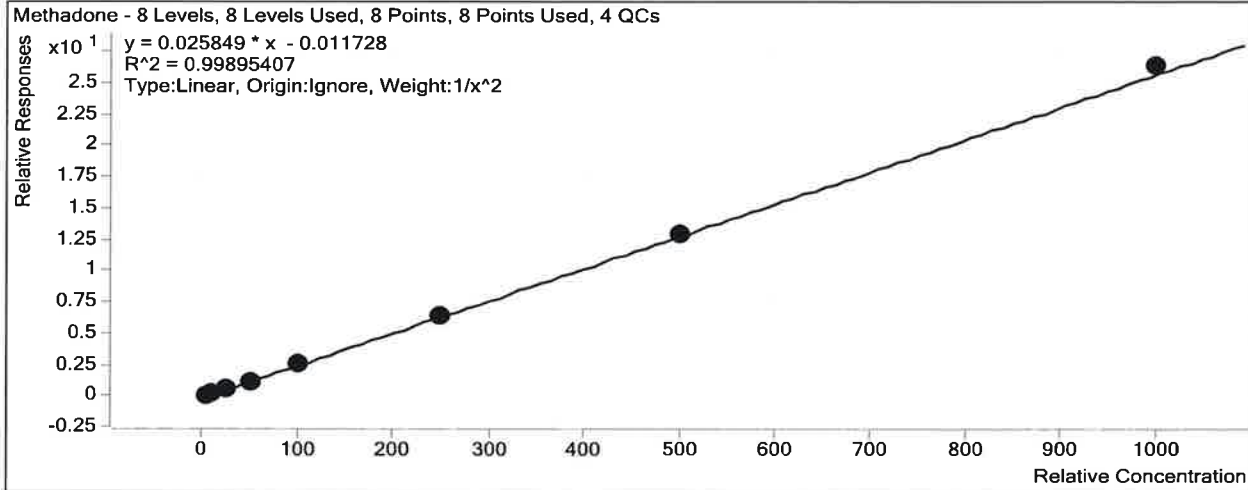
# ISP Forensics Calibration Curve Report

15

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1b  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	5.1	101.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.2
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.1	100.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	99.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.1	94.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.3	103.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	104.2	104.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.4	100.2
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	261.3	104.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.6	100.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1021.3	102.1
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1015.5	101.6

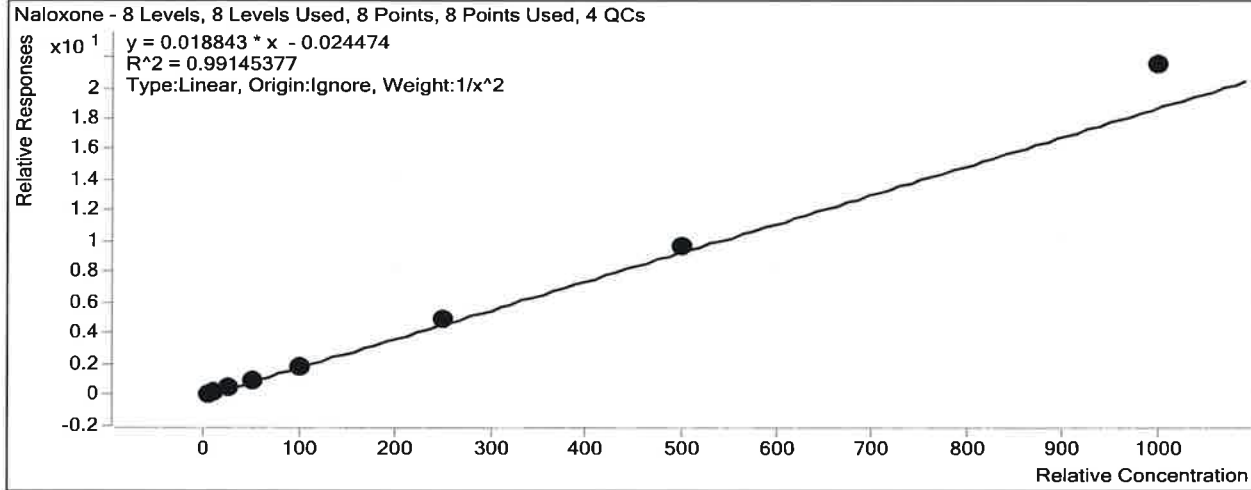
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1b  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	5.3	106.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	91.7
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.3	103.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.2	92.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.2	94.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.9	93.9
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	93.4	93.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.1	103.6
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	245.4	98.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	514.7	102.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1143.1	114.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1104.9	110.5

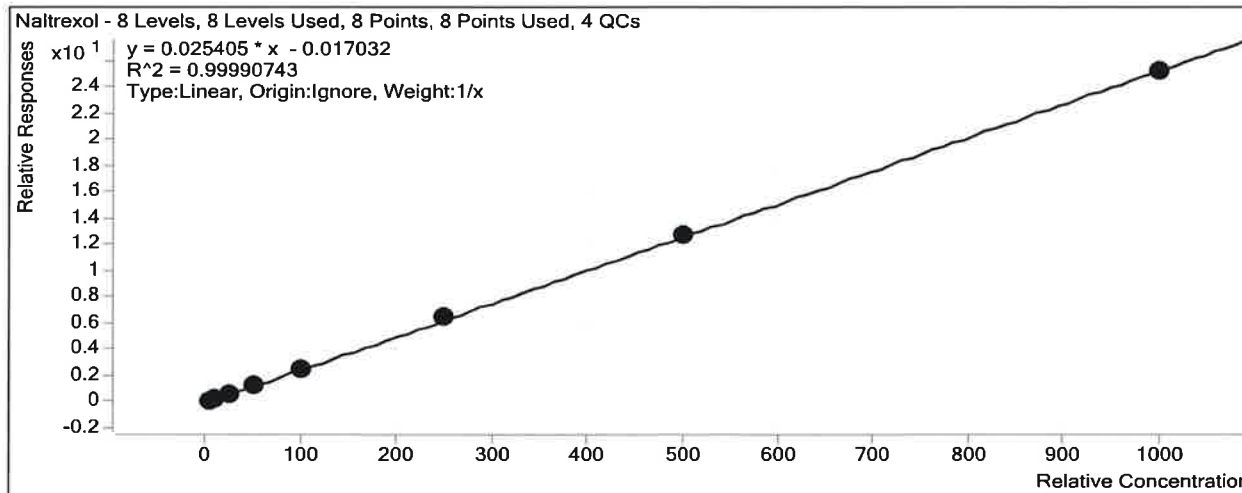
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1b  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	5.1	101.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.7
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.8	98.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.4	98.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.2	101.2
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	103.3	103.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.4	100.9
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	243.4	97.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.1	101.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	992.1	99.2
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	968.2	96.8

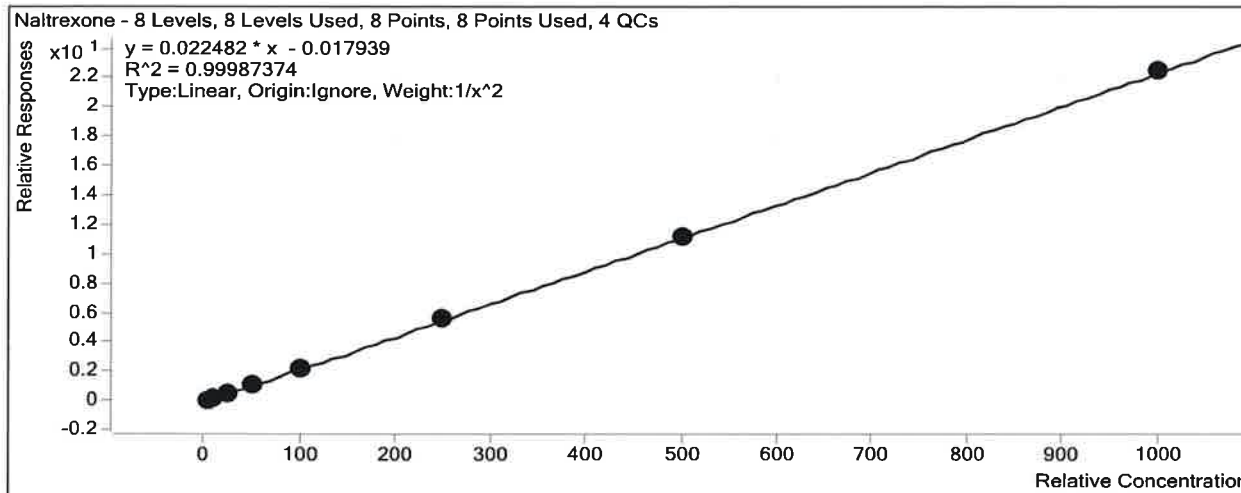
TS

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1b  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	99.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.5
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.0	99.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.5	102.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.4	98.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.7	99.7
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	104.1	104.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.9	100.0
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	249.6	99.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.0	99.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1000.7	100.1
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1004.3	100.4

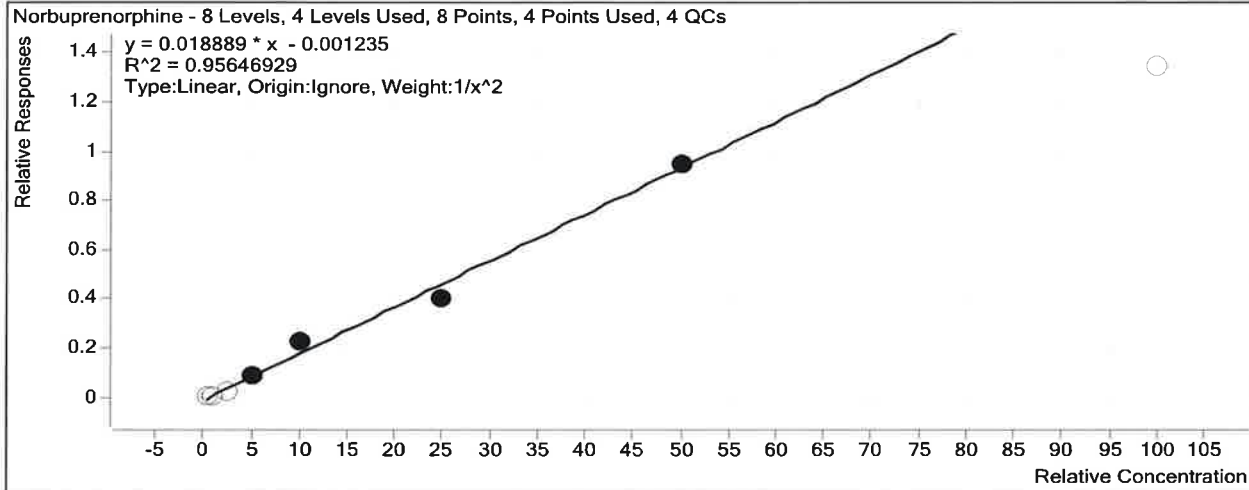
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1b  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	0.5	104.7
b cal 2-10ng	2	<input type="checkbox"/>	1	0.5	53.3
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	1	0.4	42.1
b cal 3-25ng	3	<input type="checkbox"/>	2.5	1.2	46.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.6	92.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	12.1	120.6
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	8.1	81.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	21.5	85.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	19.9	79.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	50.6	101.1
b cal 8-1000ng	8	<input type="checkbox"/>	100	71.2	71.2
b QC 1000 (QC4)	8	<input type="checkbox"/>	100	96.3	96.3

\* Compound not evaluated. - TS

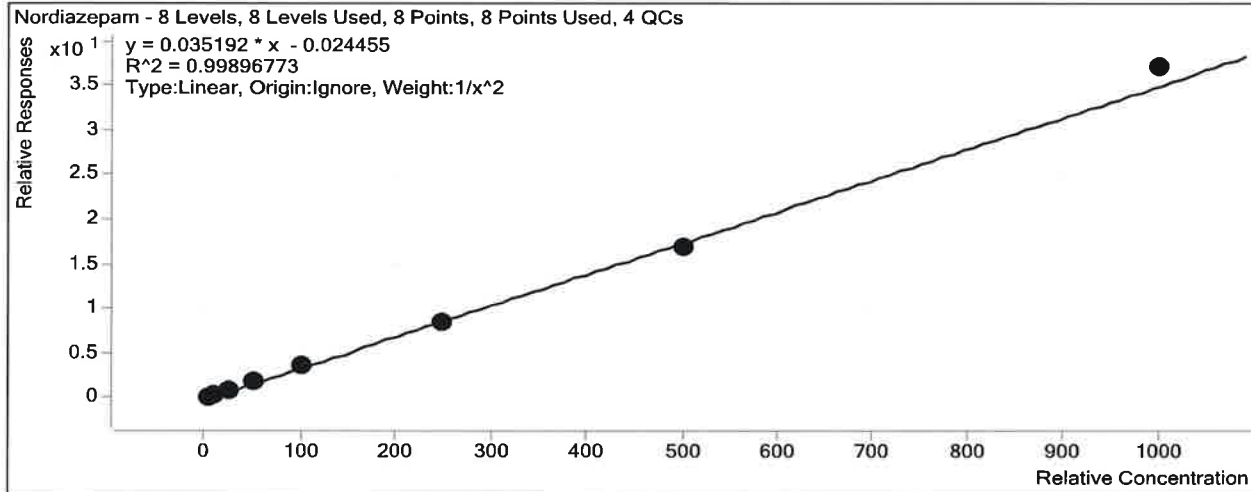
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1b  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	5.0	100.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.4
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.6	95.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.2	100.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.3	101.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	97.8	97.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	240.8	96.3
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	239.4	95.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	483.4	96.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1052.4	105.2
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1046.6	104.7



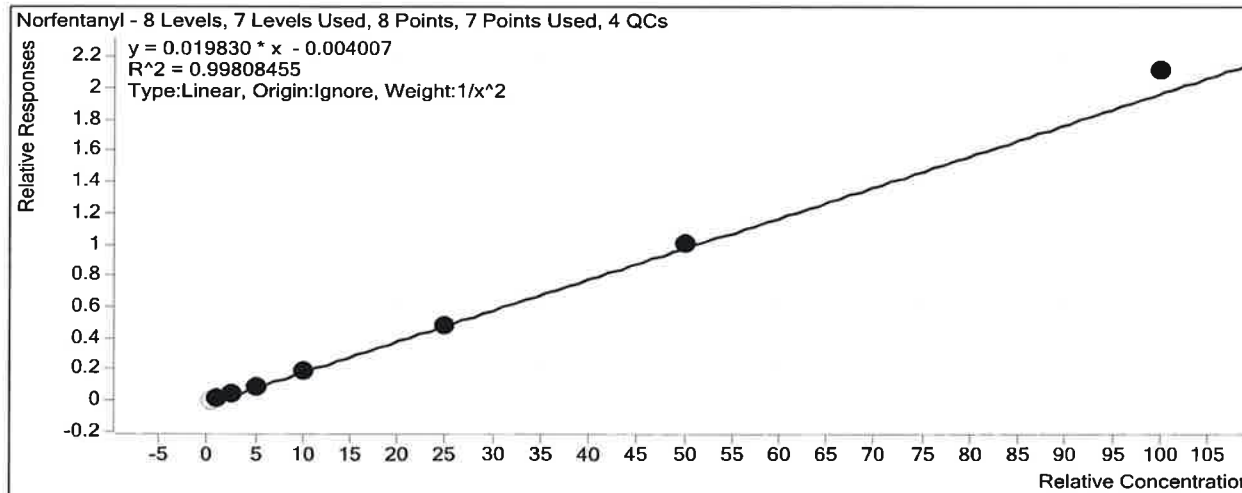
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1b  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	0.6	123.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	101.5
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	1	1.0	103.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	99.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.8	95.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.8	97.9
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	9.9	98.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.3	97.4
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	25.0	99.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	51.1	102.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	106.6	106.6
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	113.5	113.5

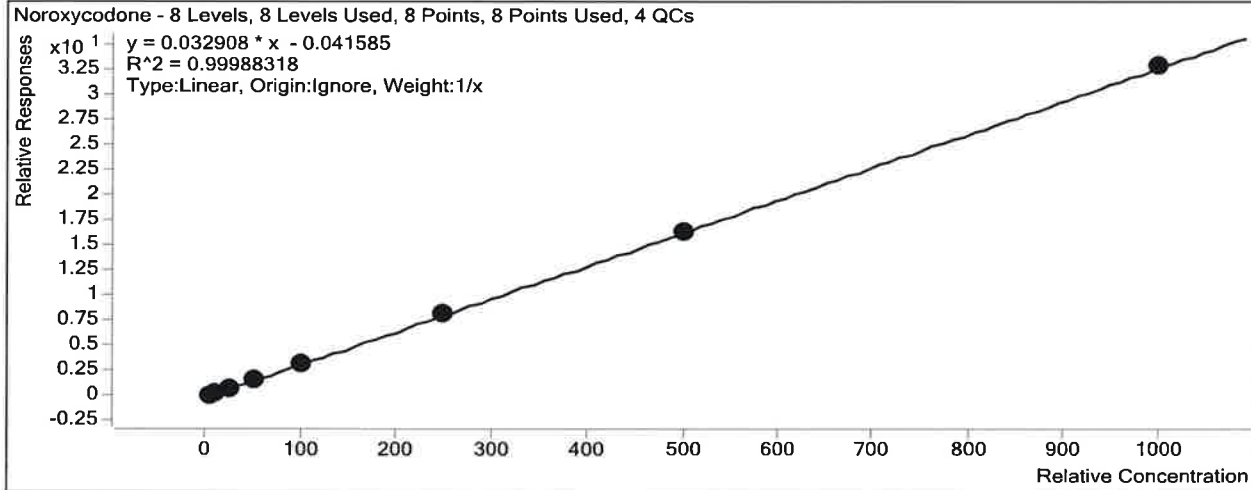
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1b  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	5.5	110.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.7
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.0	99.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.8	95.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.3	100.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	101.8	101.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.4	99.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	250.3	100.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.2	100.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1001.0	100.1
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1072.1	107.2

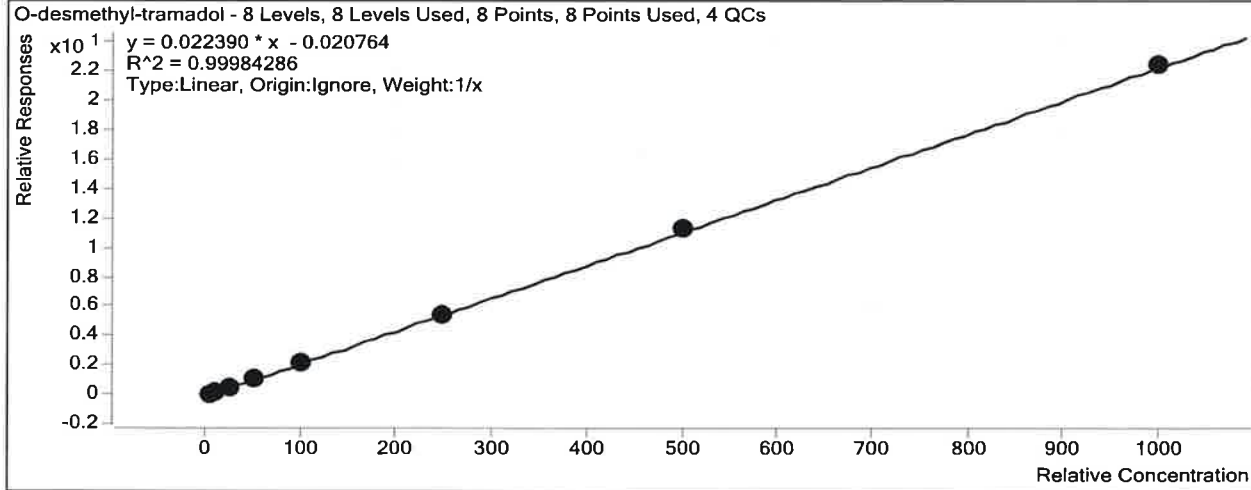
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1b  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	107.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.0
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.3	103.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.6	97.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.6	97.6
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	101.9	101.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.6	98.2
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	247.3	98.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.7	101.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1002.5	100.2
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	955.4	95.5

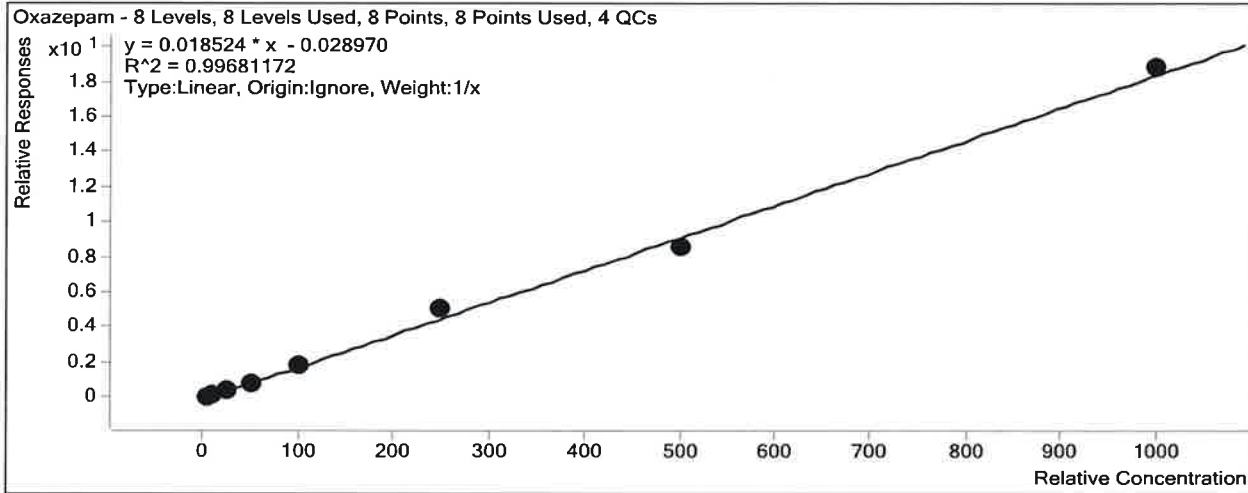
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1b  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	5.5	110.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.1
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	9.9	99.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.2	94.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.6	97.6
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	94.2	94.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	274.6	109.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	217.8	87.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	463.9	92.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1017.5	101.8
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1035.1	103.5

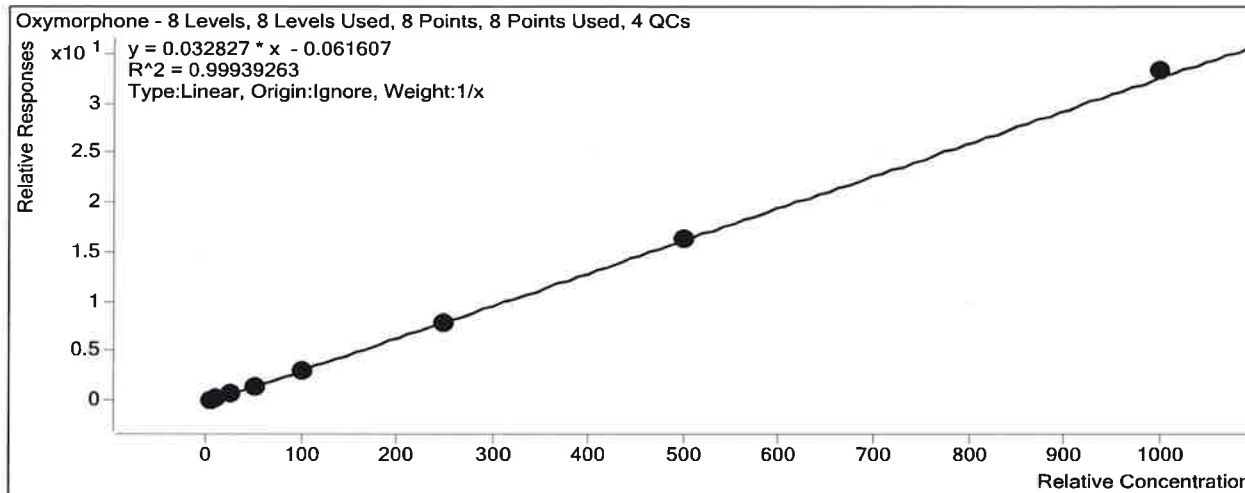
# ISP Forensics Calibration Curve Report

15

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1b  
TS wk1st 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	5.8	116.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.7
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.1	101.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.7	93.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.5	96.5
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	97.6	97.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	241.5	96.6
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	244.5	97.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	500.6	100.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1015.2	101.5
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	951.0	95.1

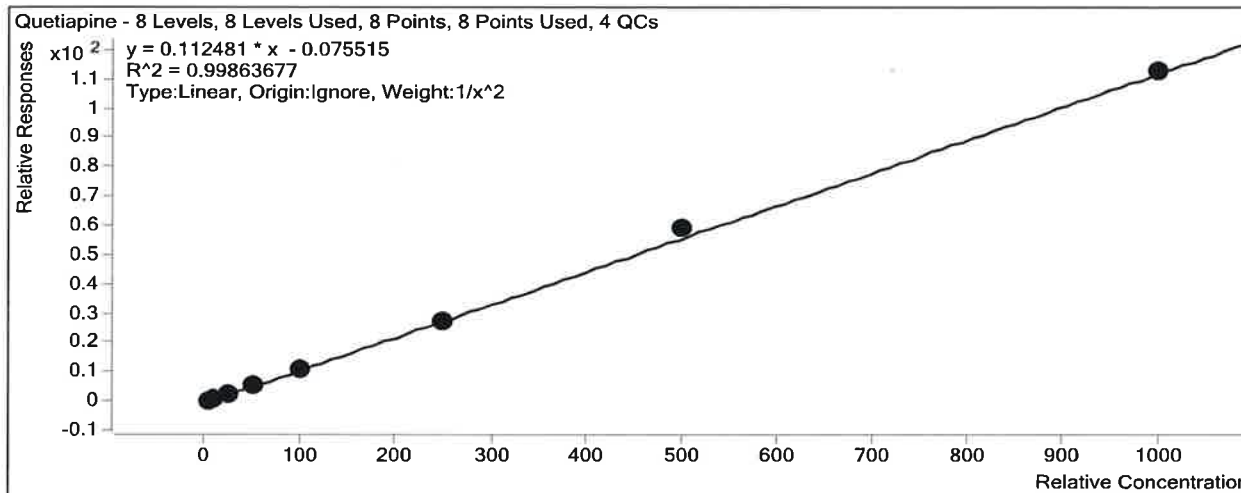
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1b  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	5.1	102.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.0
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.5	105.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.1	102.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.3	98.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	112.8	112.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.8	97.1
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	270.2	108.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	524.9	105.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1000.9	100.1
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1053.3	105.3

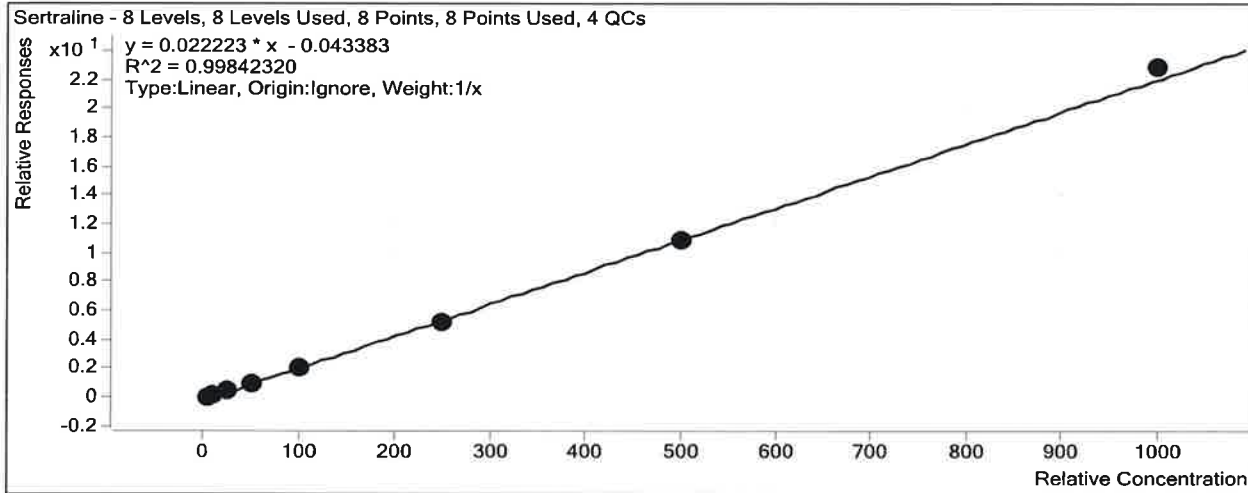
# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1b  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	6.0	119.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.0
b QC 10 ( QC1)	2	<input type="checkbox"/>	10	10.9	108.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.2	92.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.6	94.6
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	93.7	93.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	234.3	93.7
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	225.3	90.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.4	98.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1030.4	103.0
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1079.4	107.9

# ISP Forensics Calibration Curve Report

TS

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1b

**Last Calib Update** TS wklst 2374.batch.bin

5/7/2018 8:43 AM

**Analyst Name**

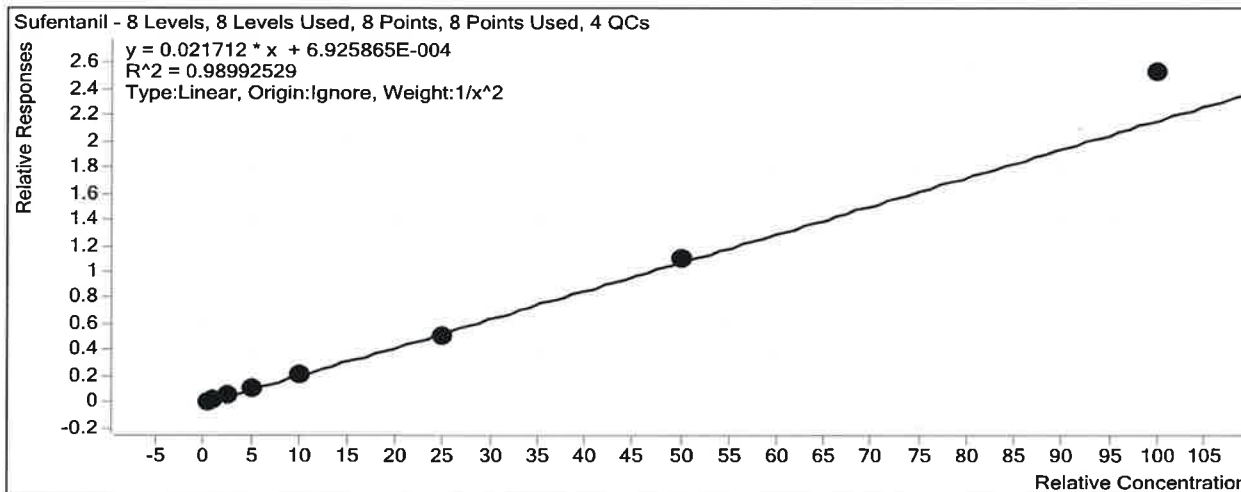
ISP TOX

**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	106.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.9	89.8
b QC 10 ( QC1)	2	<input type="checkbox"/>	1	1.0	102.4
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	5.0	100.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.1	100.9
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	10.2	102.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.1	92.6
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	26.5	106.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	50.7	101.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	116.4	116.4
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	118.0	118.0



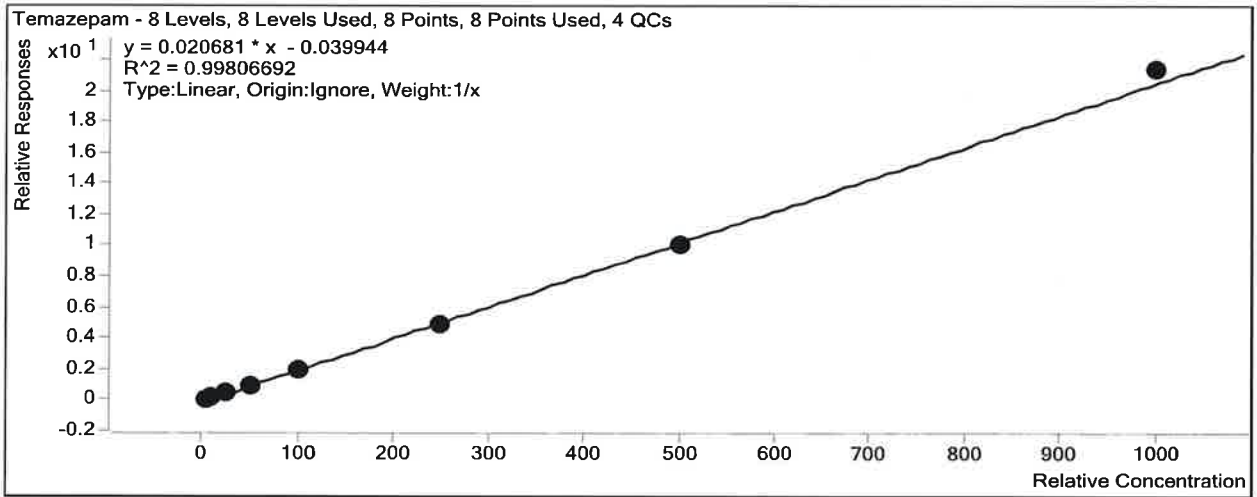
B

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklst 2374\QuantResults\MDQ P1b  
TS wklst 2374.batch.bin

**Last Calib Update** 5/7/2018 8:43 AM      **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	5.8	115.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	106.8
b QC 10 ( QC1)	2	<input checked="" type="checkbox"/>	10	10.6	105.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.4	92.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	92.8	92.8
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	95.2	95.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	235.2	94.1
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	227.1	90.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	488.7	97.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1036.3	103.6
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	977.1	97.7

TS

# ISP FORENSICS - Pocatello Instrument # 59740

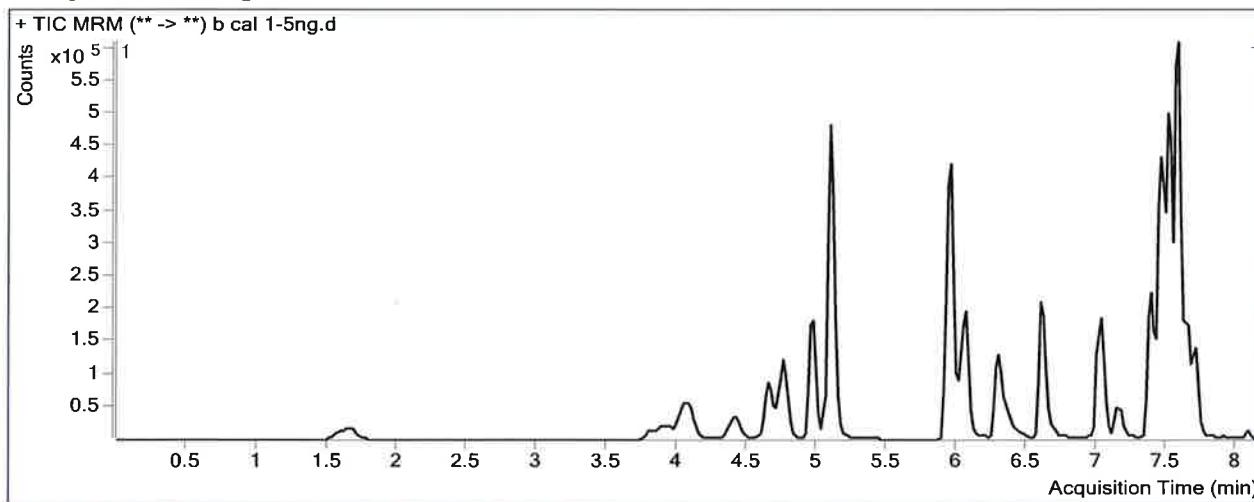
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wk1st 2374\QuantResults\MDQ P1b TS wk1st 2374.ba  
**Analysis Time** 5/9/2018 8:32 AM **Analyst Name** ISPUser  
**Report Time** 5/9/2018 8:34 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/9/2018 8:32 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-05-03 12:13 **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-H12 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.668	20583	158666	0.1297	5.8286
Dihydrocodeine	Dihydrocodeine-D6	3.975	14104	162984	0.0865	5.1320
Naloxone	Naloxone-D5	4.132	29174	385621	0.0757	5.3138
Noroxycodone	Noroxycodone-D3	4.457	25139	178858	0.1406	5.5347
Naltrexone	Naltrexone-D3	4.671	32763	348925	0.0939	4.9746
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.804	6502	520037	0.0125	0.5332
Naltrexol	Naltrexol-D3	4.970	70414	632748	0.1113	5.0507
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.096	171375	1729197	0.0991	5.3538
Ketamine	Ketamine-D4	5.941	82816	785602	0.1054	5.0373
Norfentanyl	Norfentanyl-D5	5.984	7663	929527	0.0082	0.6178
alpha-PVP	alpha-PVP-d8	6.308	52314	591279	0.0885	5.2022
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.621	5988	799874	0.0075	0.6126
Norbuprenorphine	Norbuprenorphine-D3	6.935	175	20272	0.0087	0.5236
Fentanyl	Fentanyl-D5	7.039	4534	645141	0.0070	0.5242
EDDP	EDDP-D3	7.150	13579	151273	0.0898	5.3035
Quetiapine	Quetiapine-D8	7.380	117693	235224	0.5003	5.1196
Sufentanil	Sufentanil-D5	7.379	4398	358294	0.0123	0.5334
Cyclobenzaprine	Cyclobenzaprine-D3	7.433	33542	288979	0.1161	5.4910
Methadone	Methadone-D9	7.463	124250	1041795	0.1193	5.0677

TS

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report *b cal 1-5ng*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.504	89005	873452	0.1019	5.2193
Oxazepam	Oxazepam-D5	7.529	31209	426882	0.0731	5.5106
Sertraline	Sertraline-D3	7.565	36009	402315	0.0895	5.9798
Temazepam	Temazepam-D5	7.587	92504	1163953	0.0795	5.7742
Buprenorphine	Buprenorphine-D4	7.617	3350	209361	0.0160	0.7605
Nordiazepam	Nordiazepam-D5	7.655	55738	367129	0.1518	5.0090
Diazepam	Diazepam-D5	7.712	34601	294847	0.1174	5.6256

TS

# ISP FORENSICS - Pocatello Instrument # 59740

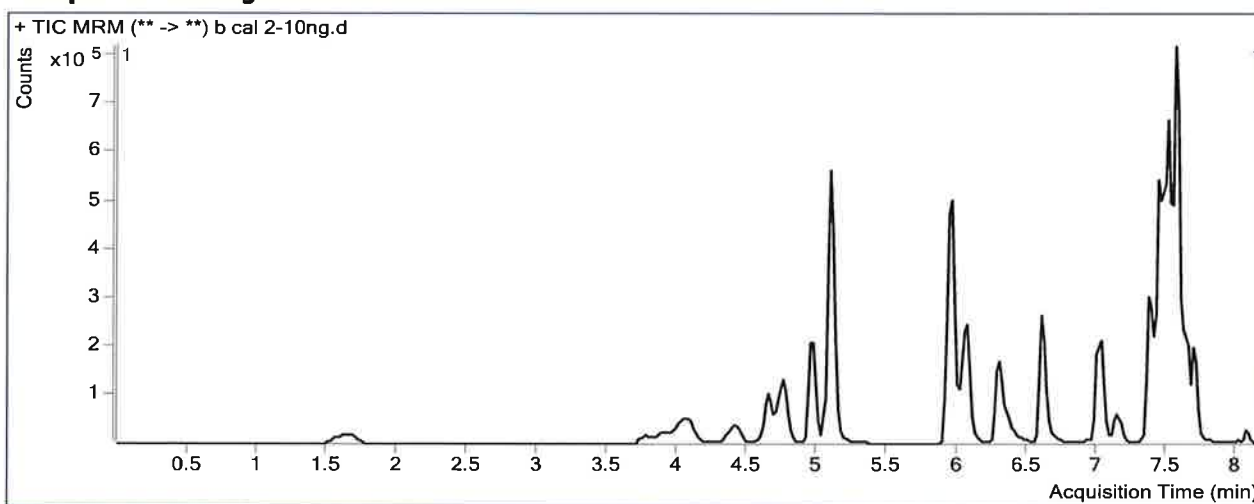
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1b TS wklist 2374.ba  
**Analysis Time** 5/9/2018 8:32 AM **Analyst Name** ISPUser  
**Report Time** 5/9/2018 8:34 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/9/2018 8:32 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-03 12:45 **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-G12 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.648	40707	151398	0.2689	10.0674
Dihydrocodeine	Dihydrocodeine-D6	3.955	29405	171903	0.1711	9.6048
Naloxone	Naloxone-D5	4.112	57846	389951	0.1483	9.1713
Noroxycodone	Noroxycodone-D3	4.437	51769	187198	0.2765	9.6671
Naltrexone	Naltrexone-D3	4.671	70378	338478	0.2079	10.0466
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.804	13518	576080	0.0235	0.9234
Naltrexol	Naltrexol-D3	4.970	150141	649655	0.2311	9.7673
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.096	376711	1854057	0.2032	10.0022
Ketamine	Ketamine-D4	5.941	195151	866062	0.2253	9.9630
Norfentanyl	Norfentanyl-D5	5.984	17639	1094087	0.0161	1.0151
alpha-PVP	alpha-PVP-d8	6.308	121159	696992	0.1738	9.3740
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.621	13666	981970	0.0139	1.0147
Norbuprenorphine	Norbuprenorphine-D3	6.935	224	25340	0.0088	0.5331
Fentanyl	Fentanyl-D5	7.019	11132	751787	0.0148	0.9596
EDDP	EDDP-D3	7.150	28754	164170	0.1751	9.1306
Quetiapine	Quetiapine-D8	7.380	249497	251325	0.9927	9.4971
Sufentanil	Sufentanil-D5	7.359	7970	394879	0.0202	0.8977
Cyclobenzaprine	Cyclobenzaprine-D3	7.433	79947	342479	0.2334	9.6613
Methadone	Methadone-D9	7.463	274518	1134446	0.2420	9.8153

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# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report *b cal 2-10ng*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.504	214057	1085241	0.1972	9.4776
Oxazepam	Oxazepam-D5	7.529	67318	440597	0.1528	9.8121
Sertraline	Sertraline-D3	7.565	89813	489718	0.1834	10.2049
Temazepam	Temazepam-D5	7.587	228609	1263940	0.1809	10.6770
Buprenorphine	Buprenorphine-D4	7.597	8441	251096	0.0336	1.1534
Nordiazepam	Nordiazepam-D5	7.655	125418	385527	0.3253	9.9391
Diazepam	Diazepam-D5	7.712	78247	319490	0.2449	10.2012

TS

# ISP FORENSICS - Pocatello Instrument # 59740

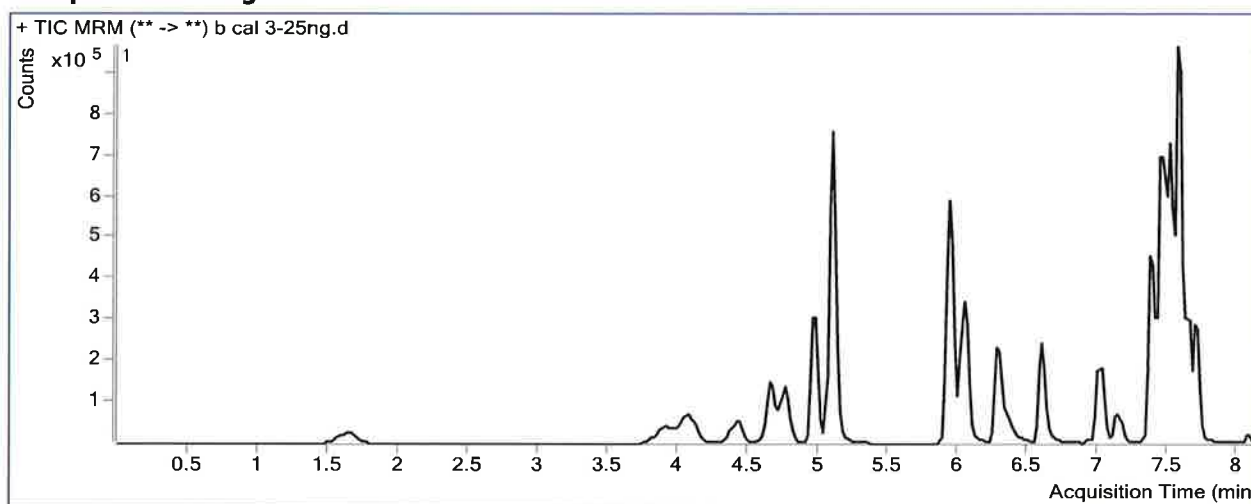
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1b TS wklist 2374.ba  
**Analysis Time** 5/9/2018 8:32 AM **Analyst Name** ISPUser  
**Report Time** 5/9/2018 8:35 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/9/2018 8:32 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-03 13:16 **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-F12 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.668	110395	154238	0.7157	23.6802
Dihydrocodeine	Dihydrocodeine-D6	3.955	77186	178179	0.4332	23.4773
Naloxone	Naloxone-D5	4.132	159263	386065	0.4125	23.1916
Noroxycodone	Noroxycodone-D3	4.437	137156	182541	0.7514	24.0957
Naltrexone	Naltrexone-D3	4.671	186306	335225	0.5558	25.5188
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.804	33621	559956	0.0600	2.2251
Naltrexol	Naltrexol-D3	4.970	420338	678461	0.6195	25.0569
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.096	1016091	1915933	0.5303	24.6141
Ketamine	Ketamine-D4	5.941	519082	896759	0.5788	24.4843
Norfentanyl	Norfentanyl-D5	5.984	46311	1026458	0.0451	2.4773
alpha-PVP	alpha-PVP-d8	6.308	325145	700933	0.4639	23.5506
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.601	31266	911009	0.0343	2.2904
Norbuprenorphine	Norbuprenorphine-D3	6.975	480	23257	0.0206	1.1580
Fentanyl	Fentanyl-D5	7.019	25921	669380	0.0387	2.2983
EDDP	EDDP-D3	7.150	77286	153163	0.5046	23.8977
Quetiapine	Quetiapine-D8	7.380	671916	245612	2.7357	24.9927
Sufentanil	Sufentanil-D5	7.379	18241	359611	0.0507	2.3044
Cyclobenzaprine	Cyclobenzaprine-D3	7.433	187978	295530	0.6361	23.9683
Methadone	Methadone-D9	7.463	679589	1072970	0.6334	24.9568

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

TS

b cal 3-25ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.504	442023	896511	0.4930	22.6892
Oxazepam	Oxazepam-D5	7.529	156445	379809	0.4119	23.8003
Sertraline	Sertraline-D3	7.565	197151	404057	0.4879	23.9085
Temazepam	Temazepam-D5	7.587	593586	1289336	0.4604	24.1922
Buprenorphine	Buprenorphine-D4	7.597	19993	225560	0.0886	2.3806
Nordiazepam	Nordiazepam-D5	7.655	326402	379551	0.8600	25.1317
Diazepam	Diazepam-D5	7.712	200628	307167	0.6532	24.8452

TS

# ISP FORENSICS - Pocatello Instrument # 59740

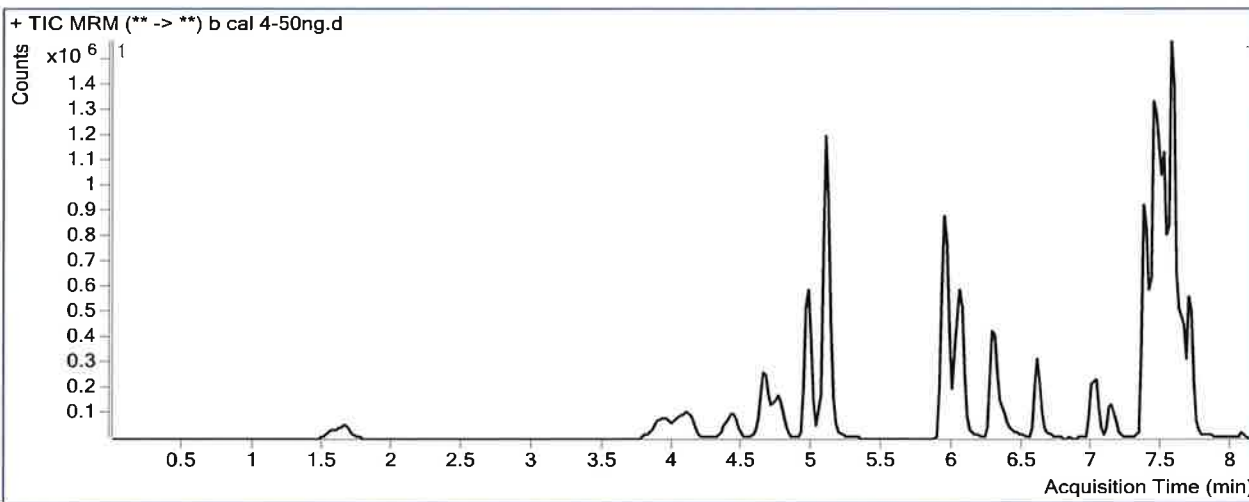
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1b TS wklist 2374.ba  
**Analysis Time** 5/9/2018 8:32 AM **Analyst Name** ISPUser  
**Report Time** 5/9/2018 8:35 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/9/2018 8:32 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-05-03 13:48 **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-E12 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.648	274111	186445	1.4702	46.6627
Dihydrocodeine	Dihydrocodeine-D6	3.955	200091	217041	0.9219	49.3403
Naloxone	Naloxone-D5	4.112	396869	458566	0.8655	47.2283
Noroxycodone	Noroxycodone-D3	4.437	350738	228813	1.5329	47.8431
Naltrexone	Naltrexone-D3	4.671	453801	415340	1.0926	49.3978
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.804	85460	659510	0.1296	4.6999
Naltrexol	Naltrexol-D3	4.970	1054513	852183	1.2374	49.3777
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.096	2421499	2267484	1.0679	48.6246
Ketamine	Ketamine-D4	5.941	1247795	1056518	1.1810	49.2211
Norfentanyl	Norfentanyl-D5	5.984	112539	1243870	0.0905	4.7646
alpha-PVP	alpha-PVP-d8	6.308	818532	806826	1.0145	50.4640
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.621	72681	1015165	0.0716	4.6211
Norbuprenorphine	Norbuprenorphine-D3	6.935	2136	24823	0.0860	4.6199
Fentanyl	Fentanyl-D5	7.019	60375	796692	0.0758	4.3725
EDDP	EDDP-D3	7.150	197414	194535	1.0148	46.7667
Quetiapine	Quetiapine-D8	7.360	1666206	293682	5.6735	51.1112
Sufentanil	Sufentanil-D5	7.379	47252	432123	0.1093	5.0045
Cyclobenzaprine	Cyclobenzaprine-D3	7.433	496881	363778	1.3659	49.9015
Methadone	Methadone-D9	7.463	1722489	1428873	1.2055	47.0901



TS

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

b cal 4-50ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.504	1182711	1032928	1.1450	51.8080
Oxazepam	Oxazepam-D5	7.529	287050	339207	0.8462	47.2476
Sertraline	Sertraline-D3	7.565	486271	493980	0.9844	46.2490
Temazepam	Temazepam-D5	7.587	1349720	1468315	0.9192	46.3790
Buprenorphine	Buprenorphine-D4	7.597	53619	275743	0.1945	4.7407
Nordiazepam	Nordiazepam-D5	7.655	694545	398913	1.7411	50.1697
Diazepam	Diazepam-D5	7.692	485556	375717	1.2923	47.7732

TS

# ISP FORENSICS - Pocatello Instrument # 59740

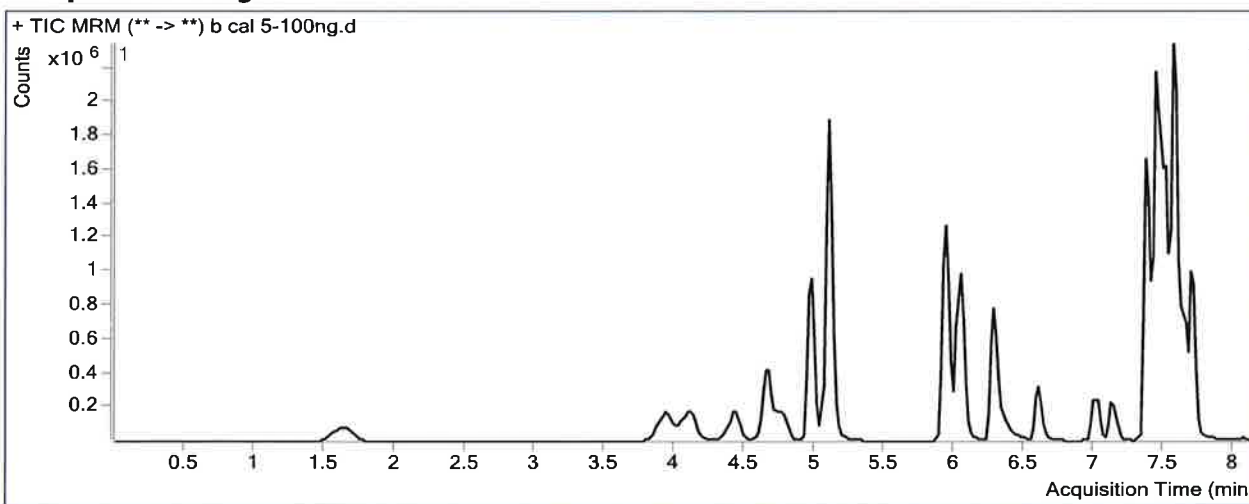
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1b TS wklist 2374.ba  
**Analysis Time** 5/9/2018 8:32 AM **Analyst Name** ISPUser  
**Report Time** 5/9/2018 8:35 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/9/2018 8:32 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-05-03 14:19 **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-D12 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.668	566046	182287	3.1052	96.4707
Dihydrocodeine	Dihydrocodeine-D6	3.955	418994	216569	1.9347	102.9378
Naloxone	Naloxone-D5	4.112	803593	460444	1.7453	93.9189
Noroxycodone	Noroxycodone-D3	4.437	706763	216917	3.2582	100.2723
Naltrexone	Naltrexone-D3	4.671	888230	399310	2.2244	99.7418
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.804	171777	642390	0.2674	9.6048
Naltrexol	Naltrexol-D3	4.970	2126366	832956	2.5528	101.1531
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.096	4939182	2283034	2.1634	97.5536
Ketamine	Ketamine-D4	5.941	2580248	1062587	2.4283	100.4537
Norfentanyl	Norfentanyl-D5	5.964	229989	1209215	0.1902	9.7935
alpha-PVP	alpha-PVP-d8	6.288	1656699	798557	2.0746	102.2789
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.601	151517	1025249	0.1478	9.3850
Norbuprenorphine	Norbuprenorphine-D3	6.935	5619	24791	0.2267	12.0647
Fentanyl	Fentanyl-D5	7.019	126272	733362	0.1722	9.7684
EDDP	EDDP-D3	7.130	413402	197853	2.0894	94.9358
Quetiapine	Quetiapine-D8	7.360	3286448	299425	10.9759	98.2515
Sufentanil	Sufentanil-D5	7.379	96832	440762	0.2197	10.0866
Cyclobenzaprine	Cyclobenzaprine-D3	7.433	934473	341341	2.7377	98.6449
Methadone	Methadone-D9	7.463	3507435	1319844	2.6575	103.2623

TS

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report *b cal 5-100ng*

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.504	2229527	976643	2.2828	102.6277
Oxazepam	Oxazepam-D5	7.529	458383	257692	1.7788	97.5917
Sertraline	Sertraline-D3	7.565	996464	483986	2.0589	94.5994
Temazepam	Temazepam-D5	7.587	2466131	1312595	1.8788	92.7780
Buprenorphine	Buprenorphine-D4	7.597	118070	279600	0.4223	9.8221
Nordiazepam	Nordiazepam-D5	7.655	1281879	362027	3.5408	101.3110
Diazepam	Diazepam-D5	7.712	1029651	394826	2.6079	94.9616

TS

# ISP FORENSICS - Pocatello Instrument # 59740

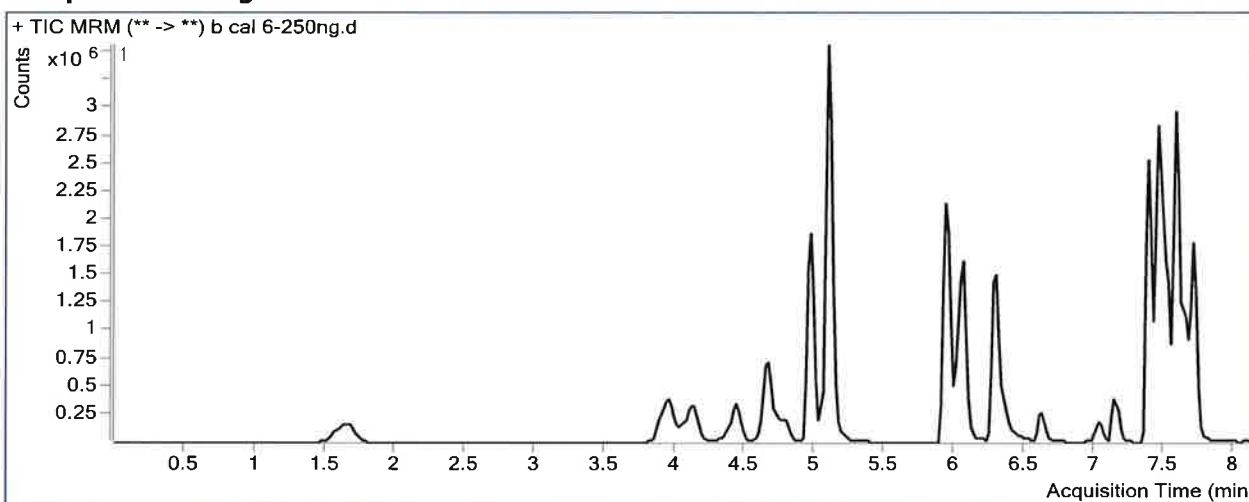
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1b TS wklist 2374.ba  
**Analysis Time** 5/9/2018 8:32 AM **Analyst Name** ISPUser  
**Report Time** 5/9/2018 8:35 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/9/2018 8:32 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-03 14:51 **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-C12 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.668	1259795	160161	7.8658	241.4899
Dihydrocodeine	Dihydrocodeine-D6	3.955	1005723	201579	4.9892	264.5854
Naloxone	Naloxone-D5	4.112	1697179	349410	4.8573	259.0722
Noroxycodone	Noroxycodone-D3	4.437	1447896	177323	8.1653	249.3852
Naltrexone	Naltrexone-D3	4.671	1729518	308842	5.6000	249.8917
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.804	396603	553983	0.7159	25.5665
Naltrexol	Naltrexol-D3	4.970	4669166	730240	6.3940	252.3507
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.096	11555595	2109346	5.4783	245.6066
Ketamine	Ketamine-D4	5.941	5866029	991588	5.9158	243.7117
Norfentanyl	Norfentanyl-D5	5.984	476688	995588	0.4788	24.3475
alpha-PVP	alpha-PVP-d8	6.308	3680272	711530	5.1723	253.6864
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.621	247251	636824	0.3883	24.4207
Norbuprenorphine	Norbuprenorphine-D3	6.955	6376	15779	0.4041	21.4572
Fentanyl	Fentanyl-D5	7.039	170917	376474	0.4540	25.5424
EDDP	EDDP-D3	7.150	768057	143986	5.3343	240.3789
Quetiapine	Quetiapine-D8	7.380	5433431	199487	27.2370	242.8194
Sufentanil	Sufentanil-D5	7.379	102448	203583	0.5032	23.1455
Cyclobenzaprine	Cyclobenzaprine-D3	7.433	1132942	161359	7.0213	250.8567
Methadone	Methadone-D9	7.463	4998636	773593	6.4616	250.4313

TS

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

b cal 6-250ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.523	2163364	382477	5.6562	253.2929
Oxazepam	Oxazepam-D5	7.529	687754	135973	5.0580	274.6186
Sertraline	Sertraline-D3	7.585	890761	172538	5.1627	234.2681
Temazepam	Temazepam-D5	7.587	4736813	982058	4.8234	235.1549
Buprenorphine	Buprenorphine-D4	7.617	147437	146849	1.0040	22.7968
Nordiazepam	Nordiazepam-D5	7.655	2219814	262674	8.4508	240.8332
Diazepam	Diazepam-D5	7.712	2035533	304765	6.6790	240.9969

TS

# ISP FORENSICS - Pocatello Instrument # 59740

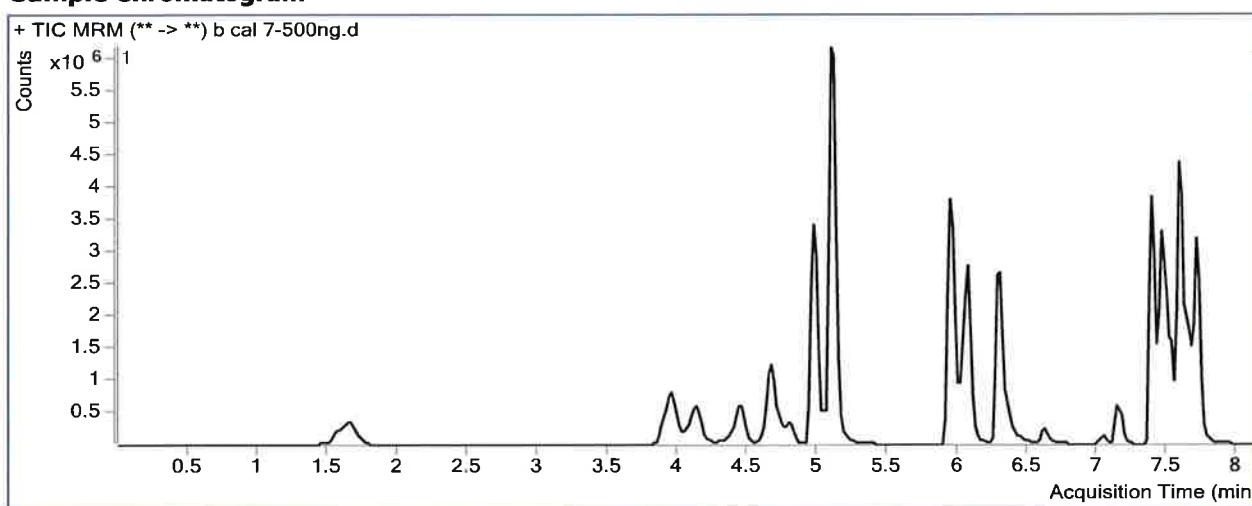
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1b TS wklist 2374.ba  
**Analysis Time** 5/9/2018 8:32 AM **Analyst Name** ISPUser  
**Report Time** 5/9/2018 8:35 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/9/2018 8:32 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-03 15:22 **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-B12 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.648	2663216	162668	16.3721	500.6132
Dihydrocodeine	Dihydrocodeine-D6	3.955	2032175	209218	9.7132	514.5810
Naloxone	Naloxone-D5	4.132	3118815	322404	9.6736	514.6747
Noroxycodone	Noroxycodone-D3	4.437	2825344	171395	16.4844	502.1814
Naltrexone	Naltrexone-D3	4.671	3133108	280842	11.1561	497.0324
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.823	808036	536390	1.5064	53.6999
Naltrexol	Naltrexol-D3	4.970	9409937	734242	12.8158	505.1257
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.120	23755562	2101743	11.3028	505.7493
Ketamine	Ketamine-D4	5.941	11629522	939367	12.3802	509.2507
Norfentanyl	Norfentanyl-D5	5.984	902692	894562	1.0091	51.0893
alpha-PVP	alpha-PVP-d8	6.308	6778085	672917	10.0727	493.2018
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.621	302470	388748	0.7781	48.7938
Norbuprenorphine	Norbuprenorphine-D3	6.955	7592	7959	0.9539	50.5631
Fentanyl	Fentanyl-D5	7.039	187766	197824	0.9492	53.2584
EDDP	EDDP-D3	7.150	1273487	109298	11.6515	523.5406
Quetiapine	Quetiapine-D8	7.380	8430864	142991	58.9608	524.8576
Sufentanil	Sufentanil-D5	7.379	126115	114426	1.1021	50.7305
Cyclobenzaprine	Cyclobenzaprine-D3	7.433	1174746	85855	13.6828	487.5659
Methadone	Methadone-D9	7.463	6278608	481812	13.0313	504.5905

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

TS

b cal 7-500ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.523	2053065	173124	11.8589	530.3289
Oxazepam	Oxazepam-D5	7.529	971161	113399	8.5641	463.8907
Sertraline	Sertraline-D3	7.585	865023	79049	10.9428	494.3696
Temazepam	Temazepam-D5	7.587	8786212	872702	10.0678	488.7410
Buprenorphine	Buprenorphine-D4	7.617	177654	75904	2.3405	52.6064
Nordiazepam	Nordiazepam-D5	7.655	3616360	212896	16.9865	483.3814
Diazepam	Diazepam-D5	7.712	3890427	293870	13.2386	476.2927

TS

# ISP FORENSICS - Pocatello Instrument # 59740

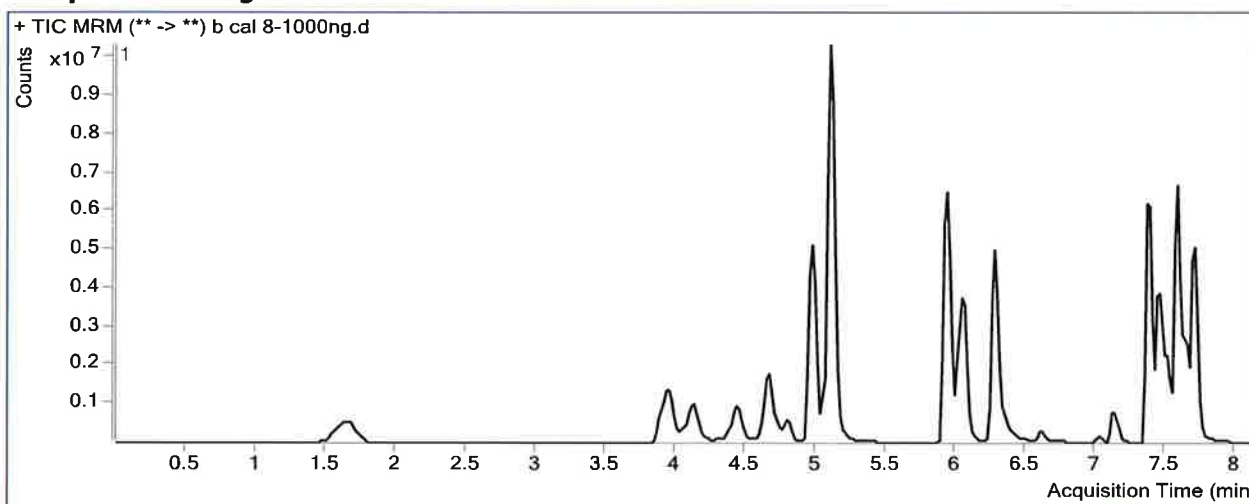
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\MD Quant\050318 MDQP1 TS wklist 2374\QuantResults\MDQ P1b TS wklist 2374.ba  
**Analysis Time** 5/9/2018 8:32 AM **Analyst Name** ISPUser  
**Report Time** 5/9/2018 8:35 AM **Reporter Name** ISPUser  
**Last Calib Update** 5/9/2018 8:32 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-05-03 15:54 **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-A12 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28 worklist 2374

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.668	4471518	134425	33.2641	1015.1874
Dihydrocodeine	Dihydrocodeine-D6	3.955	3454331	188500	18.3253	970.3415
Naloxone	Naloxone-D5	4.132	5143708	239081	21.5145	1143.0621
Noroxycodone	Noroxycodone-D3	4.437	4320166	131310	32.9005	1001.0204
Naltrexone	Naltrexone-D3	4.671	4620701	205561	22.4785	1000.6629
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.804	1570593	498133	3.1530	112.2972
Naltrexol	Naltrexol-D3	4.970	15205261	603670	25.1880	992.1179
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.096	41200640	1837282	22.4248	1002.4958
Ketamine	Ketamine-D4	5.941	21635480	859617	25.1687	1034.5703
Norfentanyl	Norfentanyl-D5	5.984	1576912	747353	2.1100	106.6069
alpha-PVP	alpha-PVP-d8	6.288	11972439	559419	21.4015	1046.9231
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.621	432786	263446	1.6428	102.8619
Norbuprenorphine	Norbuprenorphine-D3	6.935	9620	7158	1.3439	71.2132
Fentanyl	Fentanyl-D5	7.019	249666	123309	2.0247	113.4613
EDDP	EDDP-D3	7.130	1852285	70614	26.2310	1177.0421
Quetiapine	Quetiapine-D8	7.360	14312076	127209	112.5084	1000.9184
Sufentanil	Sufentanil-D5	7.379	168679	66738	2.5275	116.3774
Cyclobenzaprine	Cyclobenzaprine-D3	7.433	1615645	56698	28.4954	1013.9105
Methadone	Methadone-D9	7.463	7572306	286957	26.3883	1021.3316



TS

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report *b cal 8-1000ng*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.504	2381480	110350	21.5812	964.5564
Oxazepam	Oxazepam-D5	7.529	1585956	84272	18.8196	1017.5283
Sertraline	Sertraline-D3	7.565	1057963	46290	22.8553	1030.4207
Temazepam	Temazepam-D5	7.587	13683111	639633	21.3921	1036.3037
Buprenorphine	Buprenorphine-D4	7.617	216854	35580	6.0948	136.3421
Nordiazepam	Nordiazepam-D5	7.655	5470648	147808	37.0119	1052.4230
Diazepam	Diazepam-D5	7.712	6636470	229364	28.9342	1039.3036