






























*B. Wylie*

**Worklist: 1586**

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
C2016-1754	1	78333	AM 28 Blood Multi-Drug Quant	
C2017-0126	1	78336	AM 28 Blood Multi-Drug Quant	
C2017-0225	2	78335	AM 28 Blood Multi-Drug Quant	
M2016-4500	1.1	78337	AM 28 Blood Multi-Drug Quant	
M2017-0112	1	78358	AM 28 Blood Multi-Drug Quant	
M2017-0400	1	78339	AM 28 Blood Multi-Drug Quant	
M2017-0445	3	78341	AM 28 Blood Multi-Drug Quant	
M2017-0490	4	78338	AM 28 Blood Multi-Drug Quant	
M2017-0561	3	78343	AM 28 Blood Multi-Drug Quant	
M2017-0574	1	78345	AM 28 Blood Multi-Drug Quant	
M2017-0738	1	78347	AM 28 Blood Multi-Drug Quant	
P2016-2292	1	77426	AM 28 Blood Multi-Drug Quant	
P2016-2589	1	78334	AM 28 Blood Multi-Drug Quant	
P2016-2789	1	77436	AM 28 Blood Multi-Drug Quant	
P2017-0097	1	78332	AM 28 Blood Multi-Drug Quant	
P2017-0148	1	78340	AM 28 Blood Multi-Drug Quant	
P2017-0149	1	78342	AM 28 Blood Multi-Drug Quant	
P2017-0150	1	78344	AM 28 Blood Multi-Drug Quant	
P2017-0180	1	78346	AM 28 Blood Multi-Drug Quant	
P2017-0181	1	78349	AM 28 Blood Multi-Drug Quant	
P2017-0192	1	78351	AM 28 Blood Multi-Drug Quant	
P2017-0197	1	78348	AM 28 Blood Multi-Drug Quant	
P2017-0313	1	78350	AM 28 Blood Multi-Drug Quant	

*[Handwritten mark]*

**Worklist: 1586**

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
P2017-0329	1	78357	AM 28 Blood Multi-Drug Quant	
P2017-0330	1	78353	AM 28 Blood Multi-Drug Quant	
P2017-0331	1	78352	AM 28 Blood Multi-Drug Quant	
P2017-0348	1	78356	AM 28 Blood Multi-Drug Quant	
P2017-0360	1	78354	AM 28 Blood Multi-Drug Quant	
P2017-0401	1	78355	AM 28 Blood Multi-Drug Quant	



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

Date: 3-1-17 Analyst: Anne Nord

**PRE-ANALYTIC**

Plate Lot# 0498367 Plate Exp. 1/26/2018

1. Ensure all solutions are within expiration date.

Mobile Phase A: **0.5M Ammonium Hydroxide**

**5mM Amm Form +0.01% FA**

Mobile Phase B: Ethyl Acetate

**0.01% FA in MeOH**

**20% Methanol**

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

- ✓ 2. Check levels of mobile phases and needle wash and refill as necessary. Ensure waste is not full.
- ✓ 3. Begin mobile phase flow and allow system to equilibrate for approx. 30 minutes.
- ✓ 4. Create worklist. Data path name: 030117 multidrug quant panel 1

**ANALYTIC**

- ✓ 1. Remove standards plate, blood, and samples from cold storage. Allow to reach room temperature.
- ✓ 2. Pipette **250 µL blood** in wells of analytical (standards) plate. Mix via aspirate and dispense.
- Blank blood for locations containing standards/QCs and internal standards
  - Sample blood for locations containing only internal standards
- ✓ 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. Shaker ID 66759
- ✓ 4. Pipette **250 µL 0.5M ammonium hydroxide** buffer in wells of analytical (standards) plate.
- ✓ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- ✓ 6. Transfer **300 µL of blood+base** mixture to corresponding wells of SLE+ plate.
- ✓ 7. Apply positive pressure for approx. 4 seconds (or until no liquid remains on top of sorbent).  
**(Load at 85-100PSI- Selector to Right)** Wait 5 min.
- ✓ 8. Add **900 µL ethyl acetate** and allow to flow for 5 minutes under gravity.
- ✓ 9. Apply positive pressure for approx. 15 seconds. **(~10-15 PSI - Selector to the left)**
- ✓ 10. Add **900 µL ethyl acetate** and allow to flow for 5 minutes under gravity.
- ✓ 11. Apply positive pressure for approx. 15 seconds. **(~10-15 PSI - Selector to the left)**
- ✓ 12. Remove plate containing eluate. Place on **SPE Dry** and evaporate to dryness at approx. 35°C.  
SPE Dry ID 66819
- ✓ 13. Reconstitute in **100 µL 20% MeOH** and seal plate with foil. Place in autosampler and run worklist.

**POST-ANALYTIC**

1. Open quantitation software and create a new quantitation batch.  
Batch name: 030117 multidrug quant panel 1, 030117 multidrug quant panel 1b
- ✓ 2. Make any necessary changes. Limit curves based on validated linear ranges.
- ✓ 3. Were all appropriate standards used in the curve for each analyte? Y/N  
Are r<sup>2</sup> values ≥0.98 for each analyte? Y/N
- ✓ 4. For unknown samples, are the response ratios for each analyte within ± 20% of the average ratios of the standards and QC's? Y/N
- ✓ 5. Did all QCs pass for each analyte? Y/N
- ✓ 6. Central File Packet to include:  LIMS Worklist:  Method Checklist  Calibration and Control Reports

COMMENTS: LOA Limit of confirmation Nor fentanyl 2.5  
Nor buprenorphine 2.5



# ISP FORENSICS - Cd'A Instrument # 62340

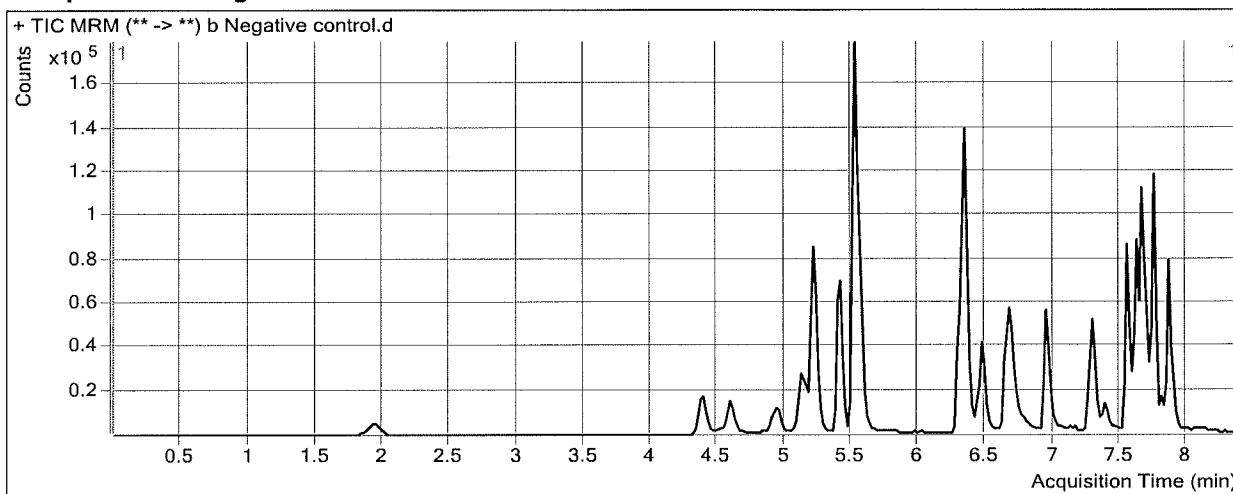
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin  
**Analysis Time** 3/2/2017 3:32 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 3:37 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 3:32 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 20:02 **Data File** b Negative control.d  
**Sample Type** Sample **Sample Name** b Negative control  
**Dilution** 1 **Acq Method** Quant Panel 1b 11-18-2016.m  
**Position** P1-F2 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	1456	65742	0.0222	1.1688 < 5

# ISP FORENSICS - Cd'A Instrument # 62340

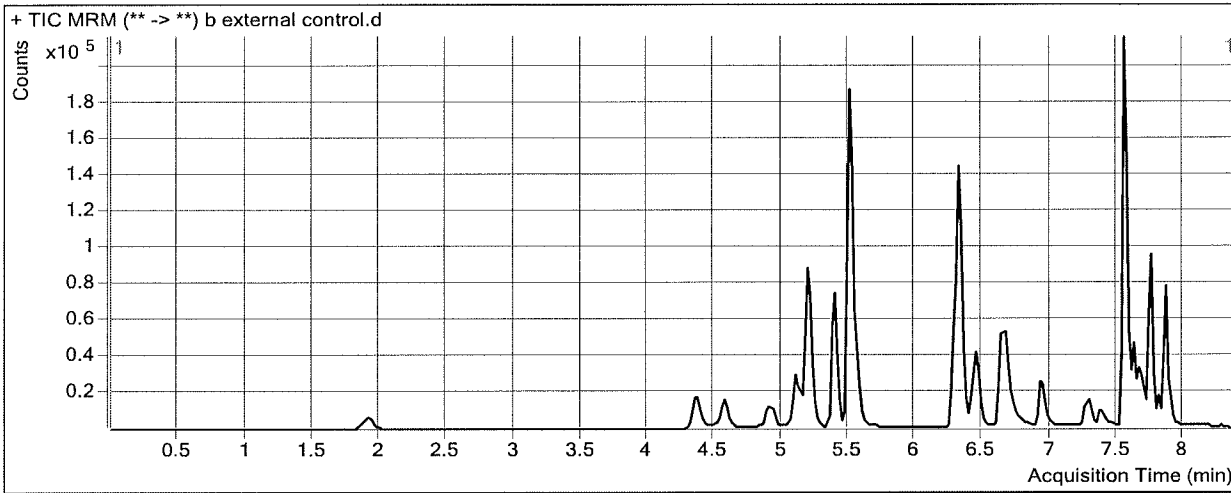
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin  
**Analysis Time** 3/2/2017 3:32 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 3:37 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 3:32 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 20:28 **Data File** b external control.d  
**Sample Type** Sample **Sample Name** b external control  
**Dilution** 1 **Acq Method** Quant Panel 1b 11-18-2016.m  
**Position** P1-G2 **Sample Info**  
**Inj Vol** -1 **Comment** lot 51017 50 ng quetiapine

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Quetiapine	Quetiapine-D8	7.540	290444	84706	3.4288	<u>44.2659</u>

# ISP FORENSICS - Cd'A Instrument # 62340

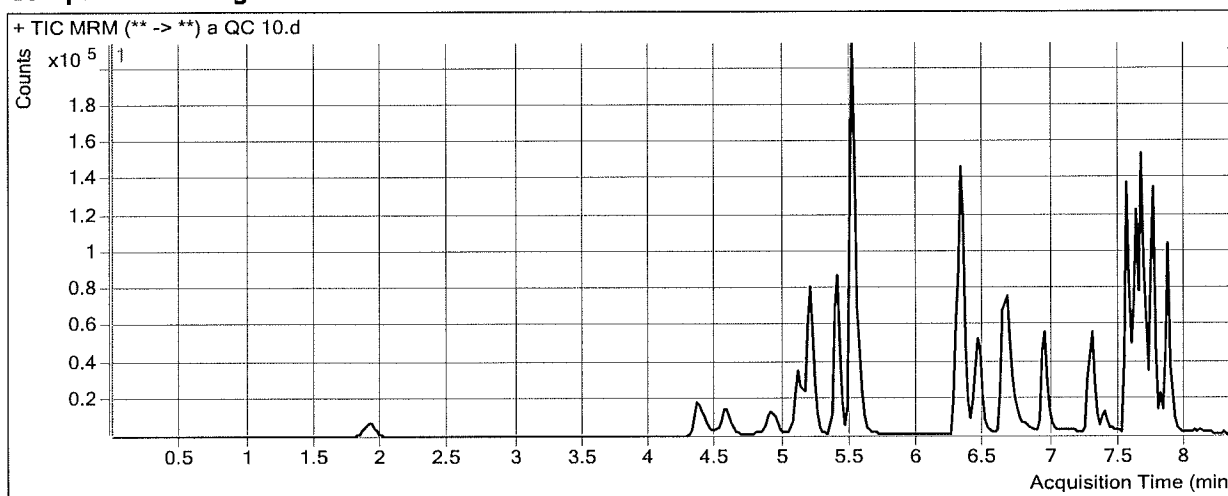
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin  
**Analysis Time** 3/2/2017 3:32 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 3:37 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 3:32 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 20:40 **Data File** a QC 10.d  
**Sample Type** QC **Sample Name** b QC 10 A  
**Dilution** 1 **Acq Method** Quant Panel 1b 11-18-2016.m  
**Position** P1-A2 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.928	7259	30844	0.2353	10.9176
Dihydrocodeine	Dihydrocodeine-D6	4.417	15112	74686	0.2023	9.5519
Naloxone	Naloxone-D5	4.609	9251	60436	0.1531	10.8259
Noroxycodone	Noroxycodone-D3	4.937	10078	44660	0.2257	11.0590
Naltrexone	Naltrexone-D3	5.132	18898	93258	0.2026	9.6920
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.244	5891	292341	0.0202	1.0341
Naltrexol	Naltrexol-D3	5.390	53078	213846	0.2482	9.6231
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.519	130447	585220	0.2229	9.3957
Ketamine	Ketamine-D4	6.301	45752	200378	0.2283	9.2129
Norfentanyl	Norfentanyl-D5	6.344	6609	354689	0.0186	0.9805
Dextrorphan	Dextrorphan-D3	6.435	23561	124859	0.1887	9.6707
alpha-PVP	alpha-PVP-d8	6.668	65275	275930	0.2366	10.0546
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	3289	184833	0.0178	0.9875
Norbuprenorphine	Norbuprenorphine-D3	7.235	84	4902	0.0172	1.0767
Fentanyl	Fentanyl-D5	7.279	3290	146541	0.0225	1.0936
EDDP	EDDP-D3	7.390	5807	26522	0.2189	10.9988
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	15920	77977	0.2042	9.4091
Sufentanil	Sufentanil-D5	7.539	2613	103040	0.0254	1.1451
Quetiapine	Quetiapine-D8	7.540	84533	112099	0.7541	10.2845
Buprenorphine	Buprenorphine-D4	7.696	1239	40466	0.0306	1.2903
Methadone	Methadone-D9	7.623	34858	179659	0.1940	10.9468
Oxazepam	Oxazepam-D5	7.710	4259	21727	0.1960	9.3187
Fluoxetine	Fluoxetine-D6	7.665	47434	217721	0.2179	10.5013

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.726	14033	60648	0.2314	10.1903
Temazepam	Temazepam-D5	7.748	35797	184029	0.1945	10.3941
Nordiazepam	Nordiazepam-D5	7.815	8926	23601	0.3782	11.2026
Diazepam	Diazepam-D5	7.871	40854	153981	0.2653	10.9353

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# ISP FORENSICS - Cd'A Instrument # 62340

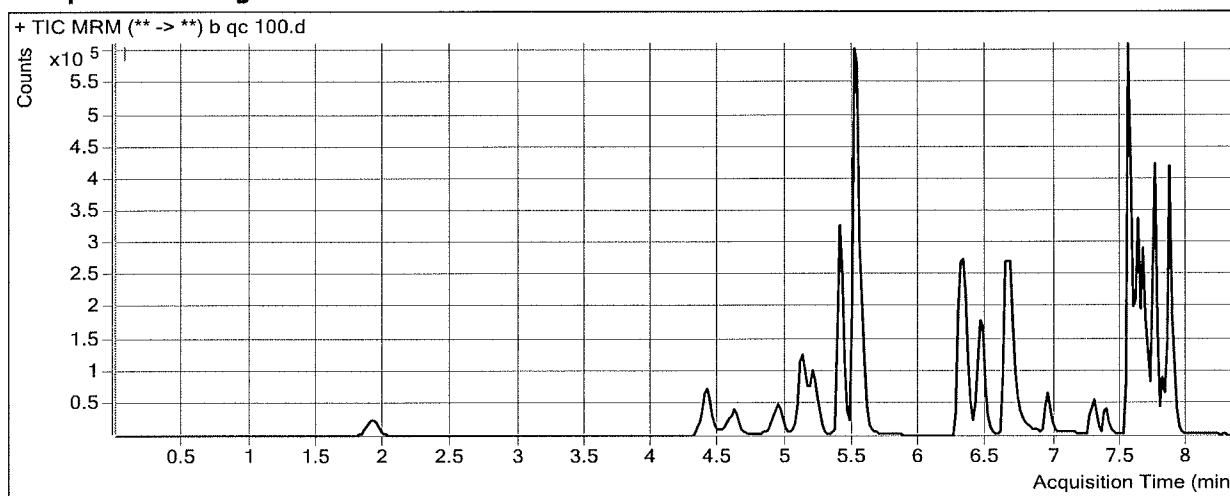
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin  
**Analysis Time** 3/2/2017 3:32 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 3:37 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 3:32 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 23:12 **Data File** b qc 100.d  
**Sample Type** QC **Sample Name** b qc 100  
**Dilution** 1 **Acq Method** Quant Panel 1b 11-18-2016.m  
**Position** P1-B2 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.928	80436	35672	2.2549	95.2568
Dihydrocodeine	Dihydrocodeine-D6	4.417	185061	87845	2.1067	106.7923
Naloxone	Naloxone-D5	4.609	118625	70156	1.6909	99.6158
Noroxycodone	Noroxycodone-D3	4.937	106834	52193	2.0469	95.5399
Naltrexone	Naltrexone-D3	5.132	222917	100517	2.2177	102.2034
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.244	73244	333490	0.2196	9.4377
Naltrexol	Naltrexol-D3	5.390	624603	237299	2.6321	103.0044
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.539	1514211	669111	2.2630	100.6976
Ketamine	Ketamine-D4	6.301	538231	223464	2.4086	102.0342
Norfentanyl	Norfentanyl-D5	6.344	82270	403683	0.2038	9.1494
Dextrorphan	Dextrorphan-D3	6.455	274659	133414	2.0587	97.8136
alpha-PVP	alpha-PVP-d8	6.668	750163	308806	2.4292	100.0431
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	30470	163943	0.1859	9.7541
Norbuprenorphine	Norbuprenorphine-D3	7.235	677	4247	0.1595	7.9405
Fentanyl	Fentanyl-D5	7.279	23720	116403	0.2038	9.2950
EDDP	EDDP-D3	7.390	74192	34464	2.1527	98.7870
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	130797	54007	2.4218	109.8120
Sufentanil	Sufentanil-D5	7.539	17002	77964	0.2181	9.7090
Quetiapine	Quetiapine-D8	7.540	865184	109757	7.8827	100.8503
Buprenorphine	Buprenorphine-D4	7.696	8200	31218	0.2627	9.7549
Methadone	Methadone-D9	7.623	266914	154367	1.7291	94.3169
Oxazepam	Oxazepam-D5	7.710	55867	24896	2.2440	103.0747
Fluoxetine	Fluoxetine-D6	7.665	333692	157528	2.1183	99.8572



**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.726	103271	45488	2.2703	96.1093
Temazepam	Temazepam-D5	7.748	390468	199566	1.9566	89.6983
Nordiazepam	Nordiazepam-D5	7.815	98377	27008	3.6425	102.3796
Diazepam	Diazepam-D5	7.871	453319	172960	2.6209	101.8226

# ISP FORENSICS - Cd'A Instrument # 62340

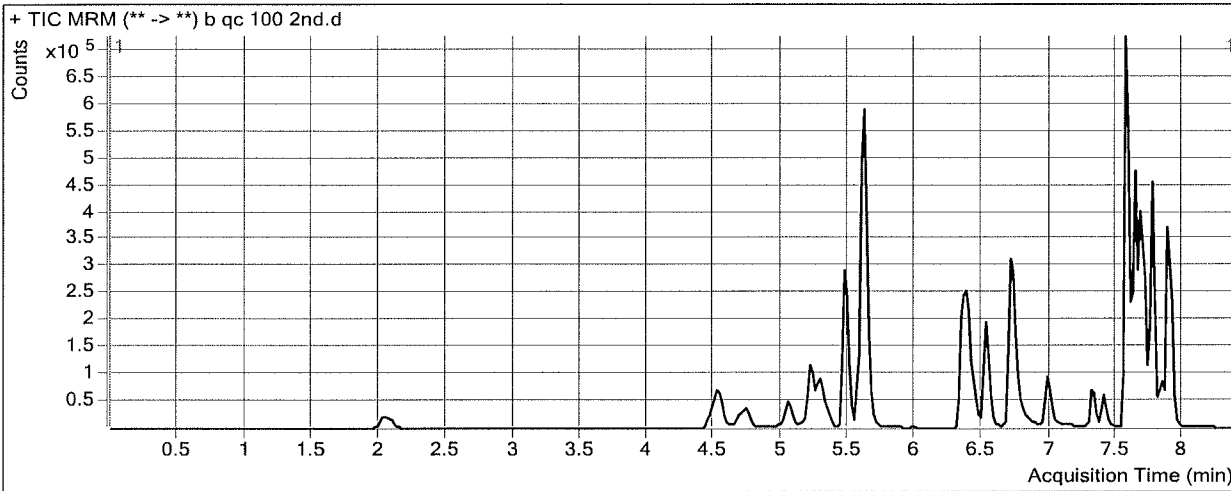
## Multi-Drug Confirmatory Analysis Report

<b>Batch Data Path</b>	D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin		
<b>Analysis Time</b>	3/2/2017 3:32 PM	<b>Analyst Name</b>	ISP Tox
<b>Report Time</b>	3/2/2017 3:37 PM	<b>Reporter Name</b>	ISP Tox
<b>Last Calib Update</b>	3/2/2017 3:32 PM	<b>Batch State</b>	Processed

### Analysis Info

<b>Acq Time</b>	2017-03-02 06:48	<b>Data File</b>	b qc 100 2nd.d
<b>Sample Type</b>	QC	<b>Sample Name</b>	b qc 100 2nd
<b>Dilution</b>	1	<b>Acq Method</b>	Quant Panel 1b 11-18-2016.m
<b>Position</b>	P1-E2	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	2.069	71624	30818	2.3241	98.1457
Dihydrocodeine	Dihydrocodeine-D6	4.536	174436	78387	2.2253	112.8493
Naloxone	Naloxone-D5	4.733	98626	65049	1.5162	89.5288
Noroxycodone	Noroxycodone-D3	5.057	98942	46092	2.1466	100.1659
Naltrexone	Naltrexone-D3	5.212	199459	88471	2.2545	103.8941
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.344	70103	306172	0.2290	9.8311
Naltrexol	Naltrexol-D3	5.471	567975	215468	2.6360	103.1560
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.618	1450556	622179	2.3314	103.7584
Ketamine	Ketamine-D4	6.361	513392	209725	2.4479	103.7095
Norfentanyl	Norfentanyl-D5	6.424	86473	402131	0.2150	9.6452
Dextrorphan	Dextrorphan-D3	6.515	291781	137466	2.1226	100.8235
alpha-PVP	alpha-PVP-d8	6.709	826507	323772	2.5527	105.1117
Acetyl Fentanyl	Acetyl Fentanyl-D5	7.001	45518	229779	0.1981	10.3923
Norbuprenorphine	Norbuprenorphine-D3	7.275	1140	5744	0.1984	9.8220
Fentanyl	Fentanyl-D5	7.319	32446	164121	0.1977	9.0200
EDDP	EDDP-D3	7.410	97329	44030	2.2105	101.4107
Cyclobenzaprine	Cyclobenzaprine-D3	7.633	183794	77830	2.3615	107.0798
Sufentanil	Sufentanil-D5	7.559	25300	106613	0.2373	10.5633
Quetiapine	Quetiapine-D8	7.560	1066678	139981	7.6202	97.5147
Buprenorphine	Buprenorphine-D4	7.696	9739	39228	0.2483	9.2297
Methadone	Methadone-D9	7.643	398158	200470	1.9861	108.2771
Oxazepam	Oxazepam-D5	7.730	46531	22973	2.0254	93.0672
Fluoxetine	Fluoxetine-D6	7.685	515346	234564	2.1970	103.5591

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

b'QC 100 2

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<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Sertraline	Sertraline-D3	7.767	148676	64090	2.3198	98.1945
Temazepam	Temazepam-D5	7.768	388459	166246	2.3367	106.8037
Nordiazepam	Nordiazepam-D5	7.856	101555	28271	3.5923	100.9759
Diazepam	Diazepam-D5	7.891	422423	145169	2.9099	112.9700



# ISP FORENSICS - Cd'A Instrument # 62340

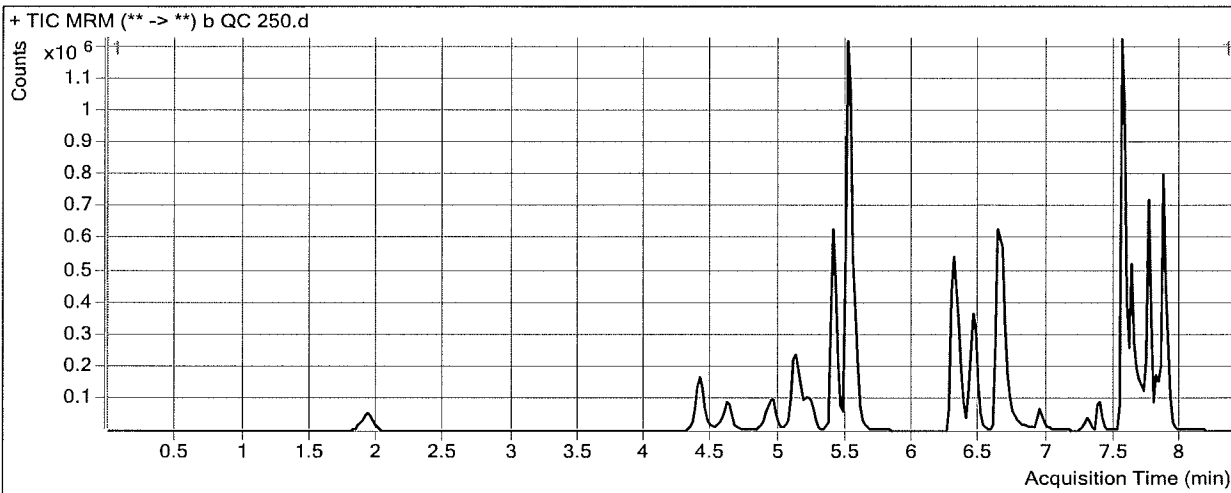
## Multi-Drug Confirmatory Analysis Report

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**Analysis Time** 3/2/2017 3:32 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 3:37 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 3:32 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-02 02:35 **Data File** b QC 250.d  
**Sample Type** QC **Sample Name** b QC 250  
**Dilution** 1 **Acq Method** Quant Panel 1b 11-18-2016.m  
**Position** P1-C2 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.928	204353	32971	6.1979	259.9245
Dihydrocodeine	Dihydrocodeine-D6	4.417	444499	83953	5.2946	269.5763
Naloxone	Naloxone-D5	4.609	291538	61656	4.7285	274.9997
Noroxycodone	Noroxycodone-D3	4.957	257648	46548	5.5351	257.3449
Naltrexone	Naltrexone-D3	5.132	490419	85969	5.7046	262.2886
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.244	184245	309283	0.5957	25.2816
Naltrexol	Naltrexol-D3	5.390	1396024	213860	6.5277	255.5996
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.519	3650100	622216	5.8663	261.9562
Ketamine	Ketamine-D4	6.301	1364466	215241	6.3393	269.3772
Norfentanyl	Norfentanyl-D5	6.344	216525	387535	0.5587	24.8077
Dextrorphan	Dextrorphan-D3	6.435	649260	120268	5.3984	255.2322
alpha-PVP	alpha-PVP-d8	6.648	1860131	276414	6.7295	276.5277
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	58648	119295	0.4916	25.7032
Norbuprenorphine	Norbuprenorphine-D3	7.235	1340	3241	0.4135	20.1976
Fentanyl	Fentanyl-D5	7.279	29695	58015	0.5118	23.2290
EDDP	EDDP-D3	7.390	196903	35606	5.5300	252.1043
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	119361	20636	5.7841	262.0351
Sufentanil	Sufentanil-D5	7.539	18039	30992	0.5821	25.8830
Quetiapine	Quetiapine-D8	7.540	2112473	102682	20.5729	262.0735
Buprenorphine	Buprenorphine-D4	7.716	11353	17550	0.6469	23.7693
Methadone	Methadone-D9	7.623	490587	101083	4.8533	263.9966
Oxazepam	Oxazepam-D5	7.710	141830	25865	5.4834	251.3713
Fluoxetine	Fluoxetine-D6	7.665	189715	35527	5.3401	251.3399

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

b-QC 250

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<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Sertraline	Sertraline-D3	7.726	54390	8943	6.0818	256.7230
Temazepam	Temazepam-D5	7.748	996888	181451	5.4940	248.9033
Nordiazepam	Nordiazepam-D5	7.815	234410	25031	9.3649	262.2142
Diazepam	Diazepam-D5	7.871	1023432	135812	7.5357	291.4470



# ISP FORENSICS - Cd'A Instrument # 62340

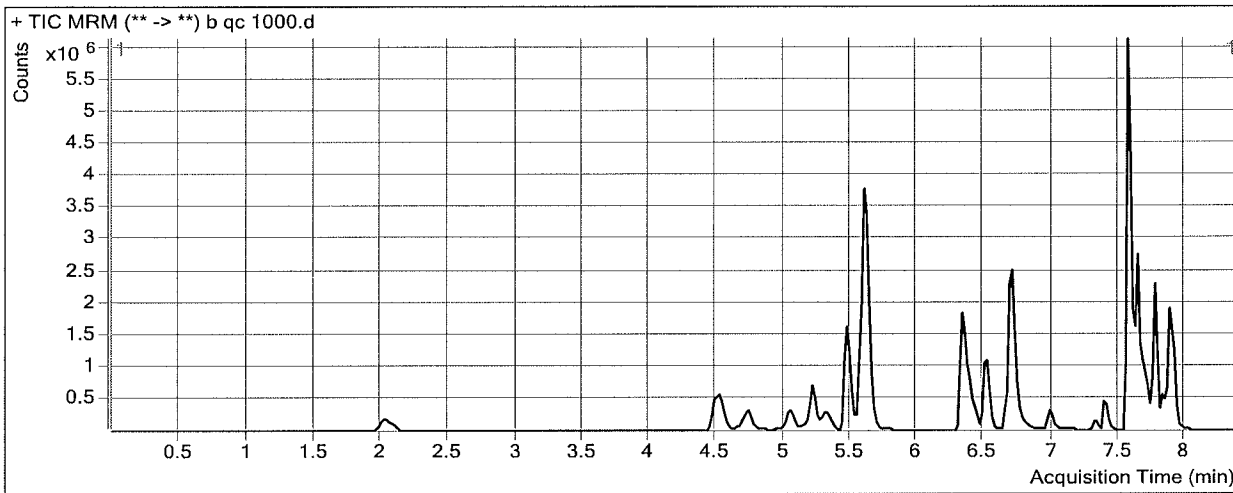
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin  
**Analysis Time** 3/2/2017 3:32 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 3:37 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 3:32 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-02 06:10 **Data File** b qc 1000.d  
**Sample Type** QC **Sample Name** b qc 1000  
**Dilution** 1 **Acq Method** Quant Panel 1b 11-18-2016.m  
**Position** P1-D2 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	2.049	769679	32452	23.7175	991.5688
Dihydrocodeine	Dihydrocodeine-D6	4.516	1572951	82256	19.1227	975.6692
Naloxone	Naloxone-D5	4.733	969010	52855	18.3333	1060.5094
Noroxycodone	Noroxycodone-D3	5.057	869934	43540	19.9803	927.4079
Naltrexone	Naltrexone-D3	5.212	1439948	68441	21.0394	966.3128
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.344	764644	306729	2.4929	105.2061
Naltrexol	Naltrexol-D3	5.471	4257103	177711	23.9552	938.2528
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.598	13391089	592067	22.6175	1011.6294
Ketamine	Ketamine-D4	6.341	4902187	216360	22.6575	964.1031
Norfentanyl	Norfentanyl-D5	6.404	963413	413220	2.3315	103.0162
Dextrorphan	Dextrorphan-D3	6.515	2313806	115194	20.0862	947.5445
alpha-PVP	alpha-PVP-d8	6.709	7443842	315907	23.5634	967.3985
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.981	454349	230745	1.9691	102.7699
Norbuprenorphine	Norbuprenorphine-D3	7.275	6525	2348	2.7789	134.3397
Fentanyl	Fentanyl-D5	7.319	199425	94320	2.1144	95.7116
EDDP	EDDP-D3	7.390	1054542	48687	21.6595	984.3283
Cyclobenzaprine	Cyclobenzaprine-D3	7.633	843537	36340	23.2125	1051.0878
Sufentanil	Sufentanil-D5	7.559	132431	63639	2.0810	92.4900
Quetiapine	Quetiapine-D8	7.560	10046779	148593	67.6125	859.6903
Buprenorphine	Buprenorphine-D4	7.696	31708	17854	1.7760	64.9559
Methadone	Methadone-D9	7.644	2705504	162460	16.6533	904.8636
Oxazepam	Oxazepam-D5	7.730	490488	22198	22.0962	1011.8843
Fluoxetine	Fluoxetine-D6	7.685	1498774	71721	20.8974	982.8237

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

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b QC 1000

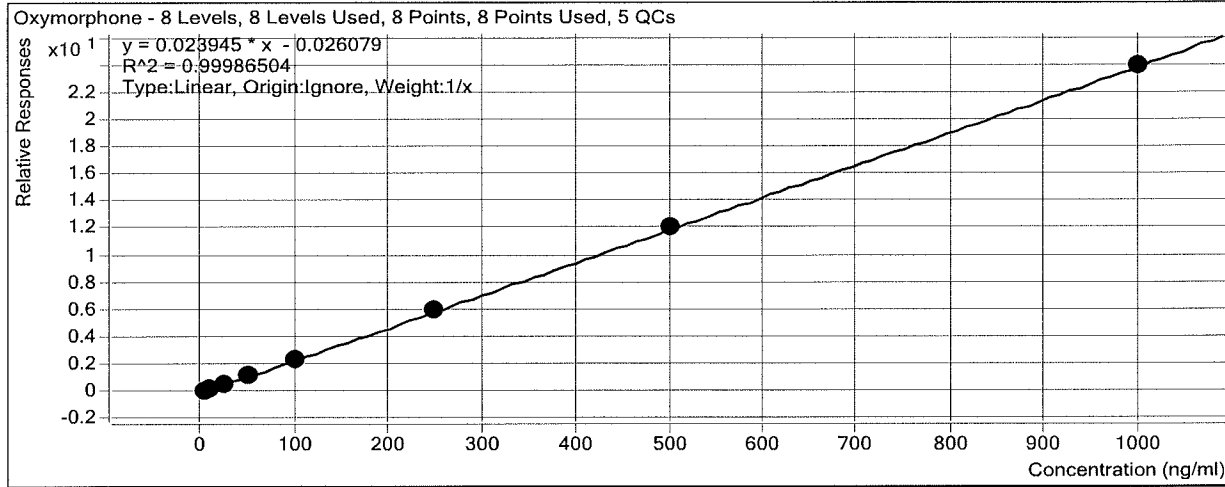
<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Sertraline	Sertraline-D3	7.746	479859	19753	24.2932	1024.1373
Temazepam	Temazepam-D5	7.768	3187573	150673	21.1555	953.7732
Nordiazepam	Nordiazepam-D5	7.856	750273	20807	36.0589	1007.8192
Diazepam	Diazepam-D5	7.891	2955937	110158	26.8335	1036.0164



# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM **Analyst Name** ISP TOX

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



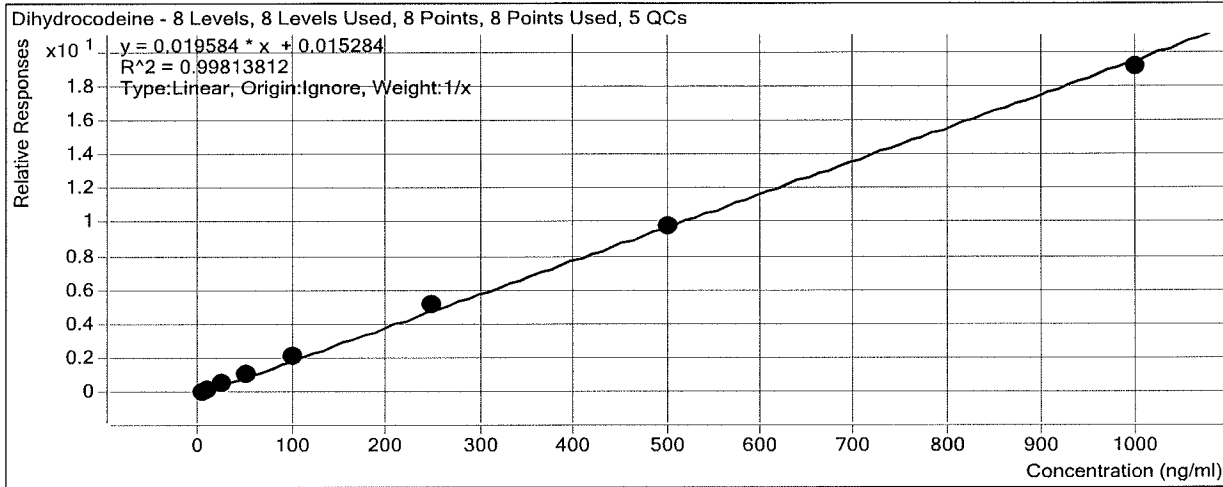
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	5.5	110.4
b cal 2	2	<input checked="" type="checkbox"/>	10	9.7	97.3
a QC 10	2	<input checked="" type="checkbox"/>	10	10.9	109.2
b cal 3	3	<input checked="" type="checkbox"/>	25	24.0	96.1
b cal 4	4	<input checked="" type="checkbox"/>	50	48.3	96.7
b cal 5	5	<input checked="" type="checkbox"/>	100	98.3	98.3
b qc 100	5	<input checked="" type="checkbox"/>	100	95.3	95.3
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	98.1	98.1
b cal 6	6	<input checked="" type="checkbox"/>	250	250.9	100.4
b QC 250	6	<input checked="" type="checkbox"/>	250	259.9	104.0
b cal 7	7	<input checked="" type="checkbox"/>	500	505.0	101.0
b cal 8	8	<input checked="" type="checkbox"/>	1000	998.2	99.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	991.6	99.2



# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM  
**Analyst Name** ISP TOX

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

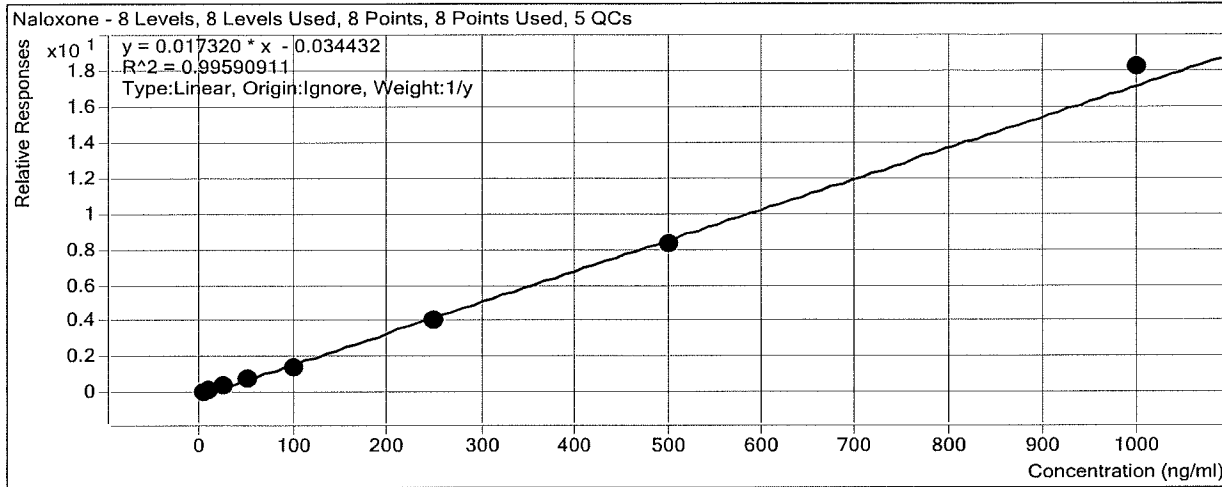


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	4.2	84.7
b cal 2	2	<input checked="" type="checkbox"/>	10	9.4	93.8
a QC 10	2	<input type="checkbox"/>	10	9.6	95.5
b cal 3	3	<input checked="" type="checkbox"/>	25	25.6	102.4
b cal 4	4	<input checked="" type="checkbox"/>	50	52.2	104.3
b cal 5	5	<input checked="" type="checkbox"/>	100	111.8	111.8
b qc 100	5	<input checked="" type="checkbox"/>	100	106.8	106.8
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	112.8	112.8
b cal 6	6	<input checked="" type="checkbox"/>	250	265.6	106.2
b QC 250	6	<input checked="" type="checkbox"/>	250	269.6	107.8
b cal 7	7	<input checked="" type="checkbox"/>	500	497.0	99.4
b cal 8	8	<input checked="" type="checkbox"/>	1000	974.3	97.4
b qc 1000	8	<input checked="" type="checkbox"/>	1000	975.7	97.6

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM  
**Analyst Name** ISP TOX

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

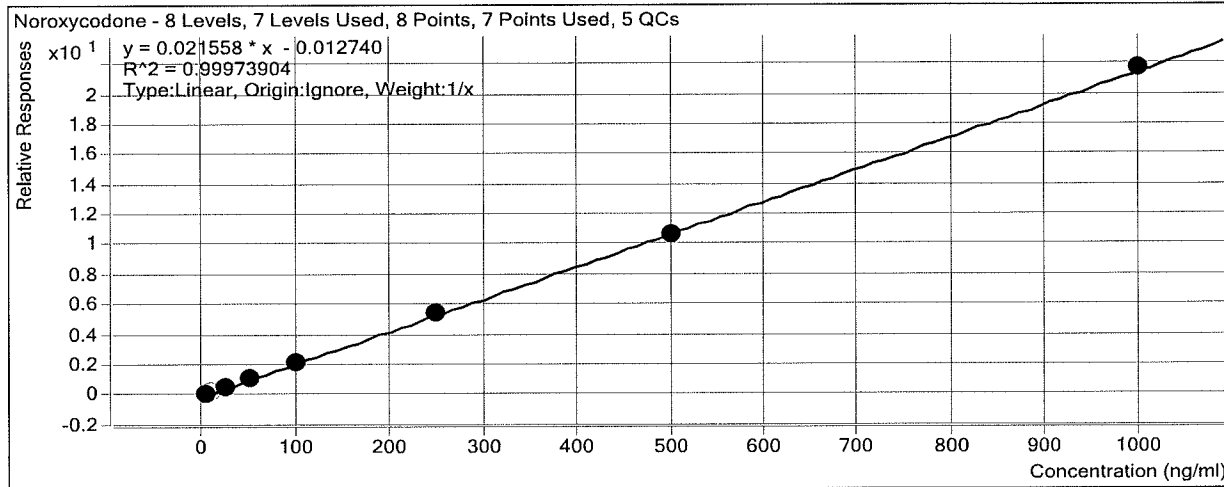


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	6.3	125.7
b cal 2	2	<input checked="" type="checkbox"/>	10	9.8	98.5
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.3
b cal 3	3	<input checked="" type="checkbox"/>	25	24.2	96.7
b cal 4	4	<input checked="" type="checkbox"/>	50	48.9	97.9
b cal 5	5	<input checked="" type="checkbox"/>	100	86.1	86.1
b qc 100	5	<input checked="" type="checkbox"/>	100	99.6	99.6
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	89.5	89.5
b cal 6	6	<input checked="" type="checkbox"/>	250	232.5	93.0
b QC 250	6	<input checked="" type="checkbox"/>	250	275.0	110.0
b cal 7	7	<input checked="" type="checkbox"/>	500	485.3	97.1
b cal 8	8	<input checked="" type="checkbox"/>	1000	1054.2	105.4
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1060.5	106.1

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM  
**Analyst Name** ISP TOX

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

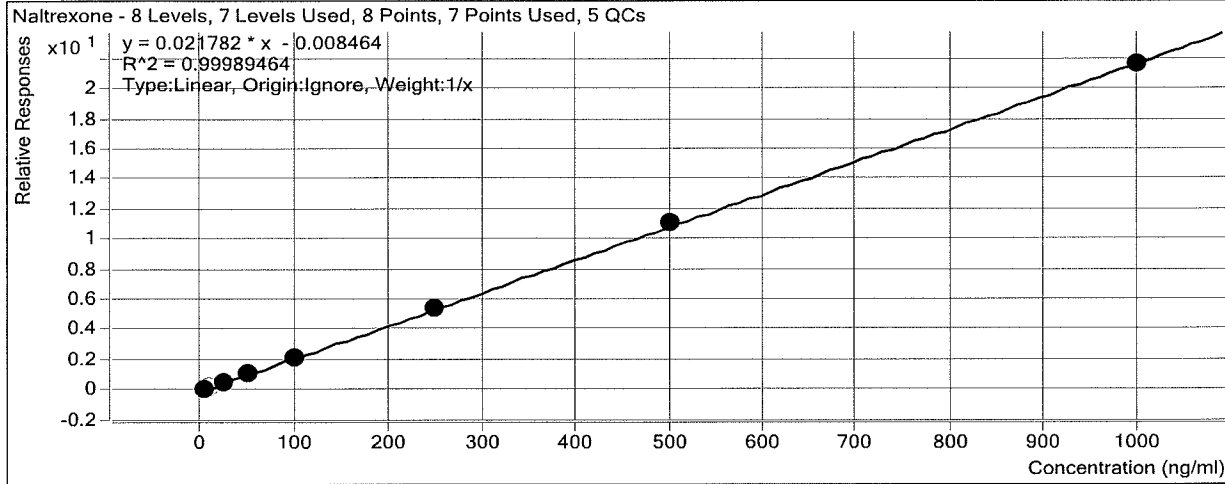


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	5.3	106.3
b cal 2	2	<input type="checkbox"/>	10	10.2	102.0
a QC 10	2	<input type="checkbox"/>	10	11.1	110.6
b cal 3	3	<input checked="" type="checkbox"/>	25	23.4	93.7
b cal 4	4	<input checked="" type="checkbox"/>	50	50.7	101.4
b cal 5	5	<input checked="" type="checkbox"/>	100	97.7	97.7
b qc 100	5	<input checked="" type="checkbox"/>	100	95.5	95.5
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	100.2	100.2
b cal 6	6	<input checked="" type="checkbox"/>	250	255.3	102.1
b QC 250	6	<input checked="" type="checkbox"/>	250	257.3	102.9
b cal 7	7	<input checked="" type="checkbox"/>	500	491.9	98.4
b cal 8	8	<input checked="" type="checkbox"/>	1000	1005.7	100.6
b qc 1000	8	<input checked="" type="checkbox"/>	1000	927.4	92.7

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM  
**Analyst Name** ISP TOX

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

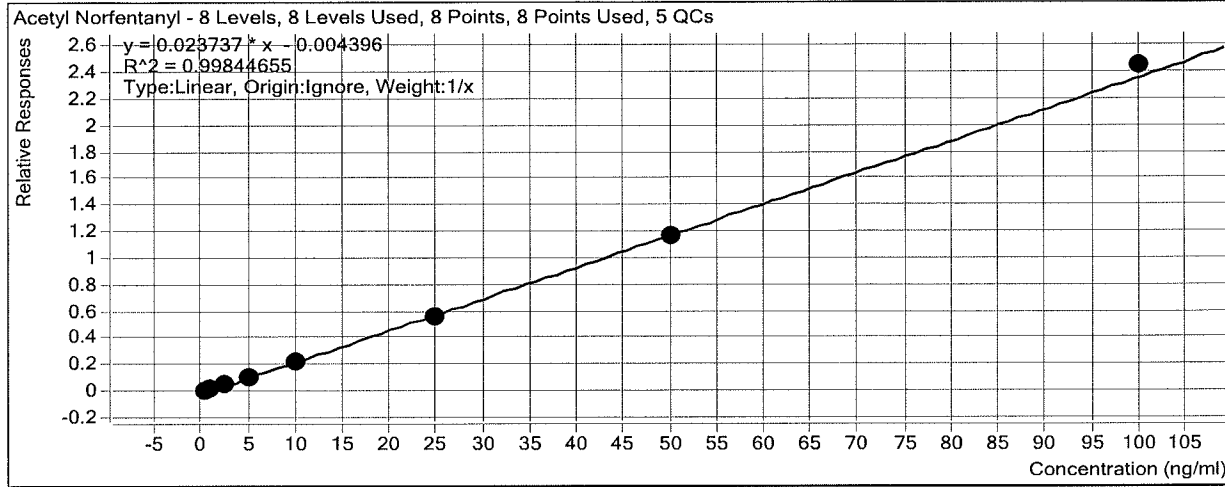


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	4.9	98.6
b cal 2	2	<input type="checkbox"/>	10	9.8	98.4
a QC 10	2	<input type="checkbox"/>	10	9.7	96.9
b cal 3	3	<input checked="" type="checkbox"/>	25	24.8	99.2
b cal 4	4	<input checked="" type="checkbox"/>	50	50.6	101.1
b cal 5	5	<input checked="" type="checkbox"/>	100	100.4	100.4
b qc 100	5	<input checked="" type="checkbox"/>	100	102.2	102.2
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	103.9	103.9
b cal 6	6	<input checked="" type="checkbox"/>	250	250.1	100.1
b QC 250	6	<input checked="" type="checkbox"/>	250	262.3	104.9
b cal 7	7	<input checked="" type="checkbox"/>	500	507.4	101.5
b cal 8	8	<input checked="" type="checkbox"/>	1000	991.9	99.2
b qc 1000	8	<input checked="" type="checkbox"/>	1000	966.3	96.6

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM  
**Analyst Name** ISP TOX

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

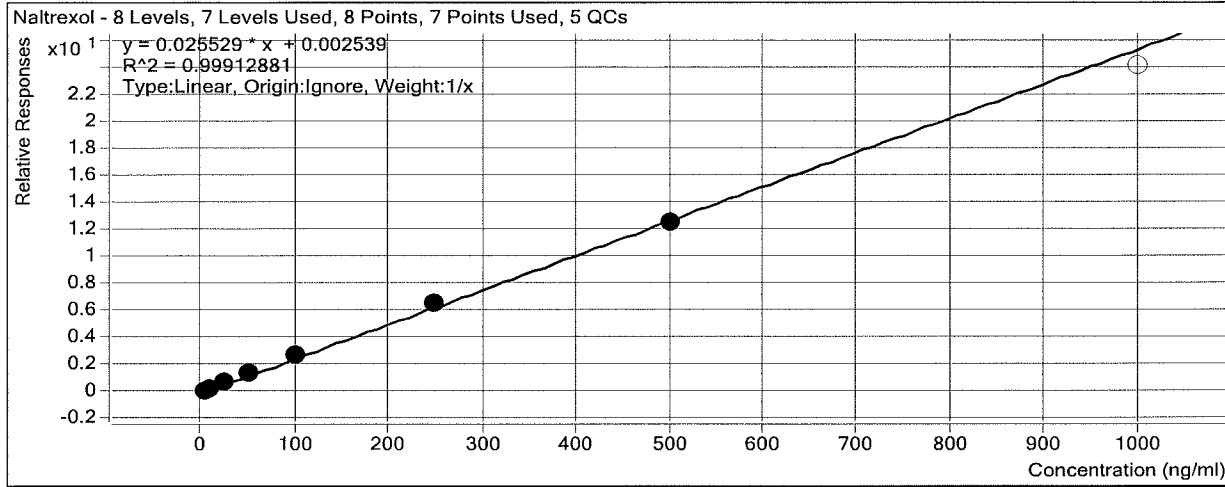


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	0.5	0.6	120.8
b cal 2	2	<input checked="" type="checkbox"/>	1	1.0	102.0
a QC 10	2	<input checked="" type="checkbox"/>	1	1.0	103.4
b cal 3	3	<input checked="" type="checkbox"/>	2.5	2.4	94.6
b cal 4	4	<input checked="" type="checkbox"/>	5	4.6	92.8
b cal 5	5	<input checked="" type="checkbox"/>	10	9.3	93.4
b qc 100	5	<input checked="" type="checkbox"/>	10	9.4	94.4
b qc 100 2nd	5	<input checked="" type="checkbox"/>	10	9.8	98.3
b cal 6	6	<input checked="" type="checkbox"/>	25	23.8	95.0
b QC 250	6	<input checked="" type="checkbox"/>	25	25.3	101.1
b cal 7	7	<input checked="" type="checkbox"/>	50	49.1	98.3
b cal 8	8	<input checked="" type="checkbox"/>	100	103.1	103.1
b qc 1000	8	<input checked="" type="checkbox"/>	100	105.2	105.2

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM **Analyst Name** ISP TOX

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

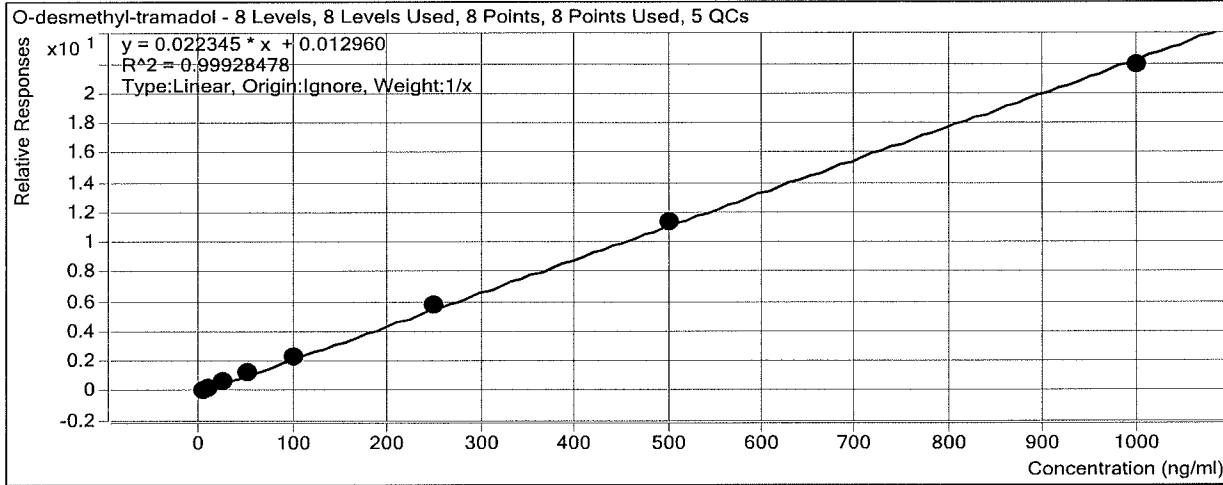


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	4.8	95.2
b cal 2	2	<input checked="" type="checkbox"/>	10	9.6	95.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.2
b cal 3	3	<input checked="" type="checkbox"/>	25	25.0	99.8
b cal 4	4	<input checked="" type="checkbox"/>	50	52.3	104.6
b cal 5	5	<input checked="" type="checkbox"/>	100	105.2	105.2
b qc 100	5	<input checked="" type="checkbox"/>	100	103.0	103.0
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	103.2	103.2
b cal 6	6	<input checked="" type="checkbox"/>	250	254.1	101.6
b QC 250	6	<input checked="" type="checkbox"/>	250	255.6	102.2
b cal 7	7	<input checked="" type="checkbox"/>	500	489.2	97.8
b cal 8	8	<input type="checkbox"/>	1000	945.4	94.5
b qc 1000	8	<input type="checkbox"/>	1000	938.3	93.8

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM **Analyst Name** ISP TOX

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

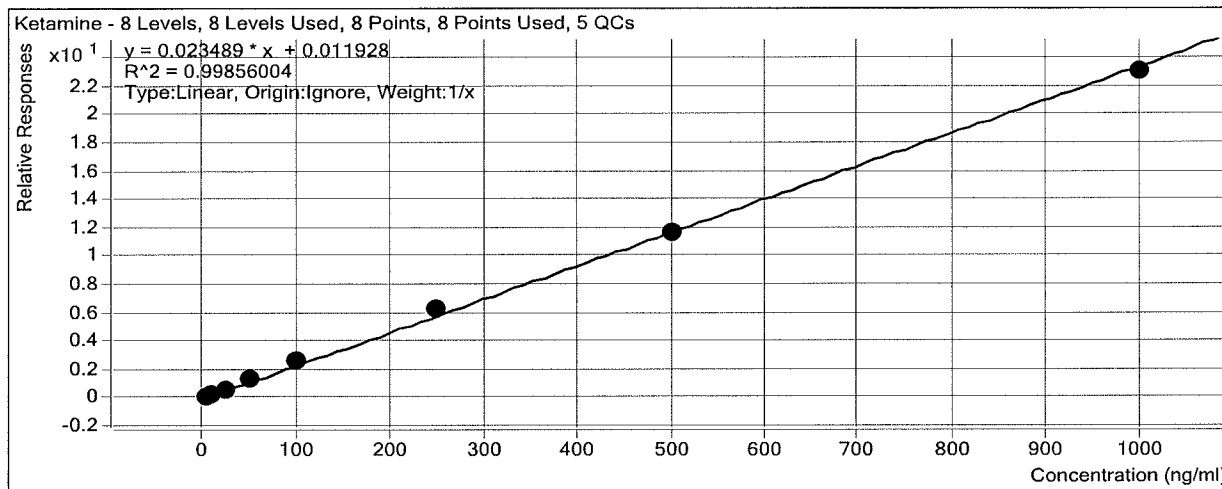


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	4.4	88.4
b cal 2	2	<input checked="" type="checkbox"/>	10	9.6	96.1
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.0
b cal 3	3	<input checked="" type="checkbox"/>	25	25.8	103.2
b cal 4	4	<input checked="" type="checkbox"/>	50	52.7	105.3
b cal 5	5	<input checked="" type="checkbox"/>	100	105.2	105.2
b qc 100	5	<input checked="" type="checkbox"/>	100	100.7	100.7
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	103.8	103.8
b cal 6	6	<input checked="" type="checkbox"/>	250	255.9	102.4
b QC 250	6	<input checked="" type="checkbox"/>	250	262.0	104.8
b cal 7	7	<input checked="" type="checkbox"/>	500	508.3	101.7
b cal 8	8	<input checked="" type="checkbox"/>	1000	978.2	97.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1011.6	101.2

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM  
**Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	4.6	92.5
b cal 2	2	<input checked="" type="checkbox"/>	10	9.3	93.5
a QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.1
b cal 3	3	<input checked="" type="checkbox"/>	25	24.2	96.6
b cal 4	4	<input checked="" type="checkbox"/>	50	52.5	105.0
b cal 5	5	<input checked="" type="checkbox"/>	100	109.0	109.0
b qc 100	5	<input checked="" type="checkbox"/>	100	102.0	102.0
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	103.7	103.7
b cal 6	6	<input checked="" type="checkbox"/>	250	266.0	106.4
b QC 250	6	<input checked="" type="checkbox"/>	250	269.4	107.8
b cal 7	7	<input checked="" type="checkbox"/>	500	495.9	99.2
b cal 8	8	<input checked="" type="checkbox"/>	1000	978.5	97.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	964.1	96.4

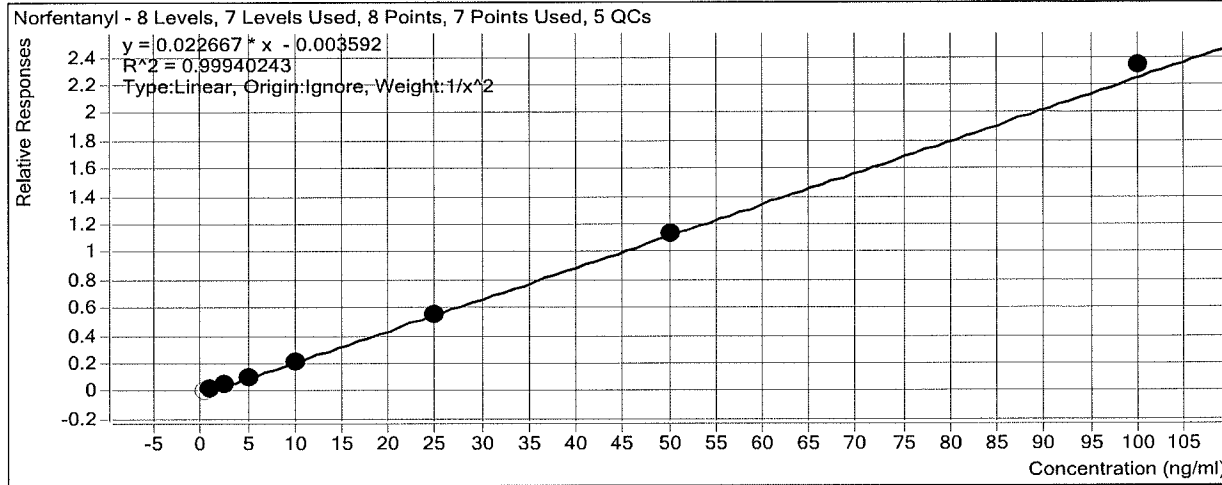


# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin

**Last Calib Update** 3/2/2017 3:32 PM **Analyst Name** ISP TOX

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

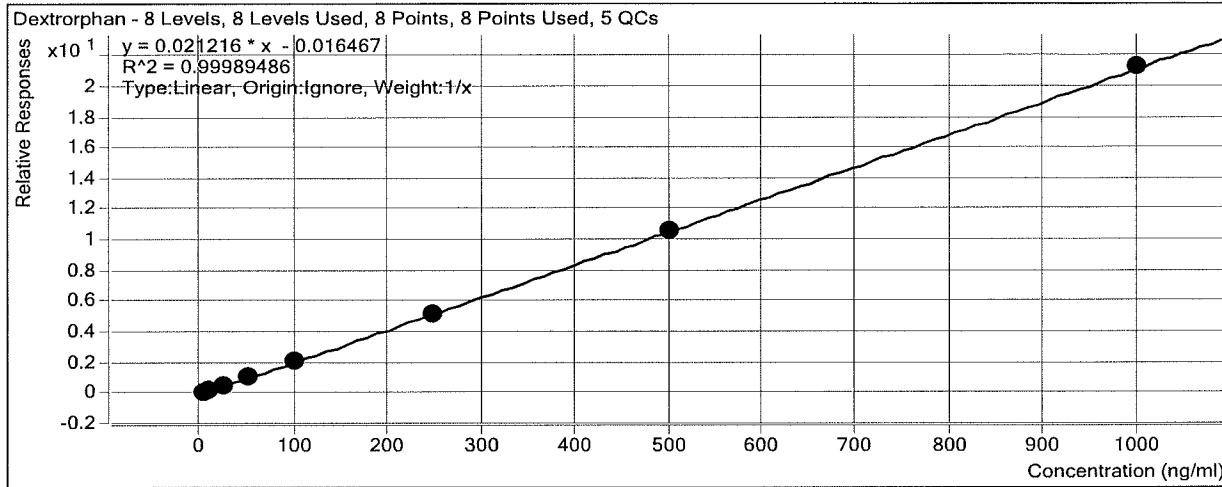


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input type="checkbox"/>	0.5	0.7	138.2
b cal 2	2	<input checked="" type="checkbox"/>	1	1.0	101.6
a QC 10	2	<input type="checkbox"/>	1	1.0	98.0
b cal 3	3	<input checked="" type="checkbox"/>	2.5	2.4	97.0
b cal 4	4	<input checked="" type="checkbox"/>	5	4.9	98.4
b cal 5	5	<input checked="" type="checkbox"/>	10	10.0	99.5
b qc 100	5	<input checked="" type="checkbox"/>	10	9.1	91.5
b qc 100 2nd	5	<input checked="" type="checkbox"/>	10	9.6	96.5
b cal 6	6	<input checked="" type="checkbox"/>	25	24.9	99.4
b QC 250	6	<input checked="" type="checkbox"/>	25	24.8	99.2
b cal 7	7	<input checked="" type="checkbox"/>	50	50.4	100.9
b cal 8	8	<input checked="" type="checkbox"/>	100	103.3	103.3
b qc 1000	8	<input checked="" type="checkbox"/>	100	103.0	103.0

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM  
**Analyst Name** ISP TOX

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



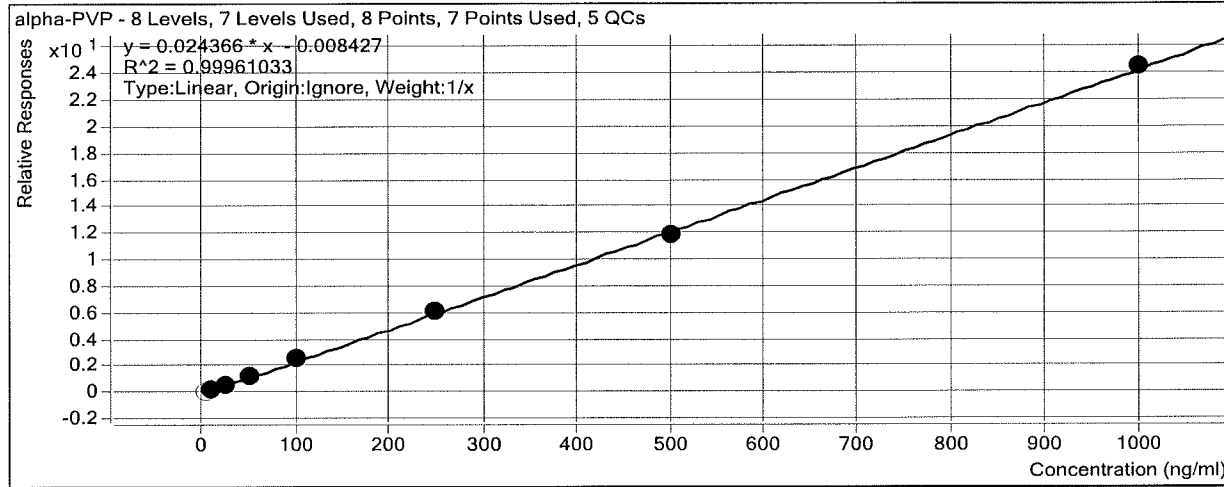
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	5.3	106.9
b cal 2	2	<input checked="" type="checkbox"/>	10	9.6	96.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.7	96.7
b cal 3	3	<input checked="" type="checkbox"/>	25	24.3	97.1
b cal 4	4	<input checked="" type="checkbox"/>	50	50.4	100.9
b cal 5	5	<input checked="" type="checkbox"/>	100	100.1	100.1
b qc 100	5	<input checked="" type="checkbox"/>	100	97.8	97.8
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	100.8	100.8
b cal 6	6	<input checked="" type="checkbox"/>	250	245.0	98.0
b QC 250	6	<input checked="" type="checkbox"/>	250	255.2	102.1
b cal 7	7	<input checked="" type="checkbox"/>	500	502.8	100.6
b cal 8	8	<input checked="" type="checkbox"/>	1000	1002.4	100.2
b qc 1000	8	<input checked="" type="checkbox"/>	1000	947.5	94.8

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin

**Last Calib Update** 3/2/2017 3:32 PM      **Analyst Name** ISP TOX

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

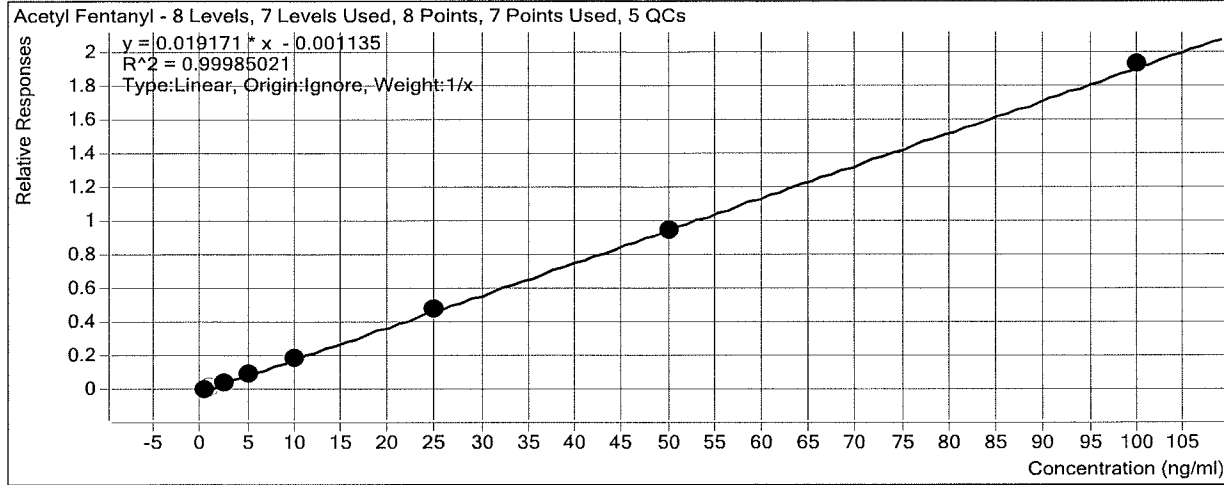


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input type="checkbox"/>	5	4.9	97.5
b cal 2	2	<input checked="" type="checkbox"/>	10	9.5	94.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.5
b cal 3	3	<input checked="" type="checkbox"/>	25	24.9	99.7
b cal 4	4	<input checked="" type="checkbox"/>	50	50.5	100.9
b cal 5	5	<input checked="" type="checkbox"/>	100	106.4	106.4
b qc 100	5	<input checked="" type="checkbox"/>	100	100.0	100.0
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	105.1	105.1
b cal 6	6	<input checked="" type="checkbox"/>	250	249.4	99.8
b QC 250	6	<input checked="" type="checkbox"/>	250	276.5	110.6
b cal 7	7	<input checked="" type="checkbox"/>	500	490.2	98.0
b cal 8	8	<input checked="" type="checkbox"/>	1000	1004.1	100.4
b qc 1000	8	<input checked="" type="checkbox"/>	1000	967.4	96.7

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM  
**Analyst Name** ISP TOX

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



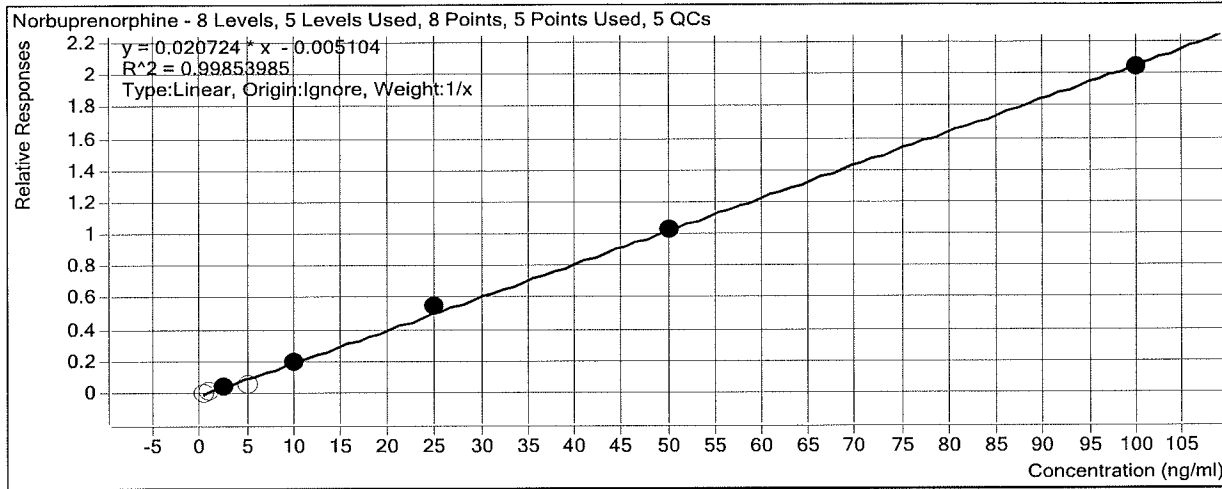
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	0.5	0.5	103.6
b cal 2	2	<input type="checkbox"/>	1	0.9	89.9
a QC 10	2	<input type="checkbox"/>	1	1.0	98.7
b cal 3	3	<input checked="" type="checkbox"/>	2.5	2.4	97.9
b cal 4	4	<input checked="" type="checkbox"/>	5	5.0	99.7
b cal 5	5	<input checked="" type="checkbox"/>	10	9.8	98.2
b qc 100	5	<input checked="" type="checkbox"/>	10	9.8	97.5
b qc 100 2nd	5	<input checked="" type="checkbox"/>	10	10.4	103.9
b cal 6	6	<input checked="" type="checkbox"/>	25	25.4	101.5
b QC 250	6	<input checked="" type="checkbox"/>	25	25.7	102.8
b cal 7	7	<input checked="" type="checkbox"/>	50	49.2	98.5
b cal 8	8	<input checked="" type="checkbox"/>	100	100.6	100.6
b qc 1000	8	<input checked="" type="checkbox"/>	100	102.8	102.8

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin

**Last Calib Update** 3/2/2017 3:32 PM **Analyst Name** ISP TOX

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

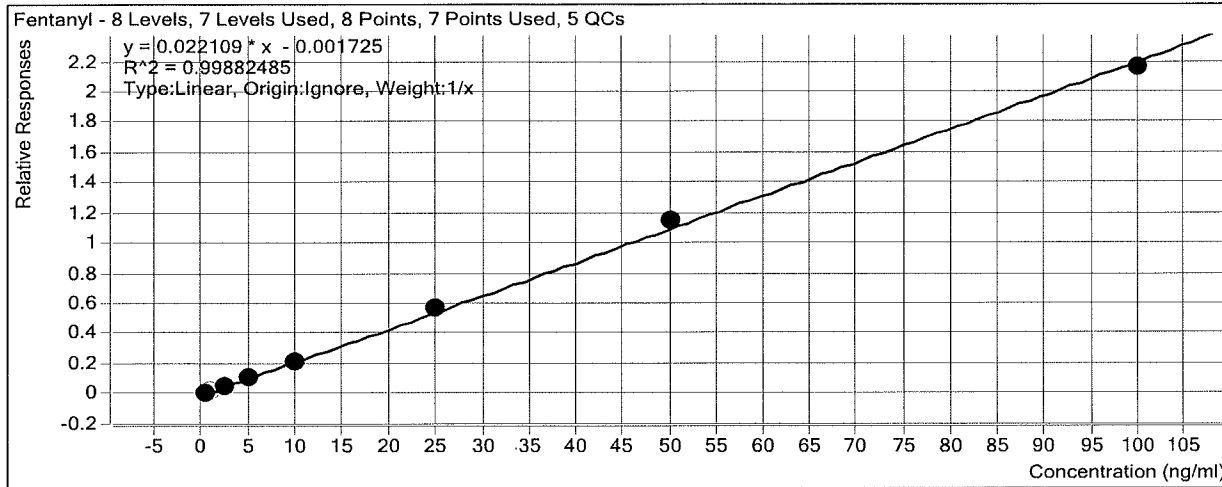


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input type="checkbox"/>	0.5	0.5	97.5
b cal 2	2	<input type="checkbox"/>	1	0.6	63.6
a QC 10	2	<input type="checkbox"/>	1	1.1	107.7
b cal 3	3	<input checked="" type="checkbox"/>	2.5	2.4	97.8
b cal 4	4	<input type="checkbox"/>	5	2.9	57.1
b cal 5	5	<input checked="" type="checkbox"/>	10	9.6	95.8
b qc 100	5	<input checked="" type="checkbox"/>	10	7.9	79.4
b qc 100 2nd	5	<input checked="" type="checkbox"/>	10	9.8	98.2
b cal 6	6	<input checked="" type="checkbox"/>	25	27.1	108.3
b QC 250	6	<input checked="" type="checkbox"/>	25	20.2	80.8
b cal 7	7	<input checked="" type="checkbox"/>	50	49.7	99.5
b cal 8	8	<input checked="" type="checkbox"/>	100	98.7	98.7
b qc 1000	8	<input type="checkbox"/>	100	134.3	134.3

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM  
**Analyst Name** ISP TOX

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

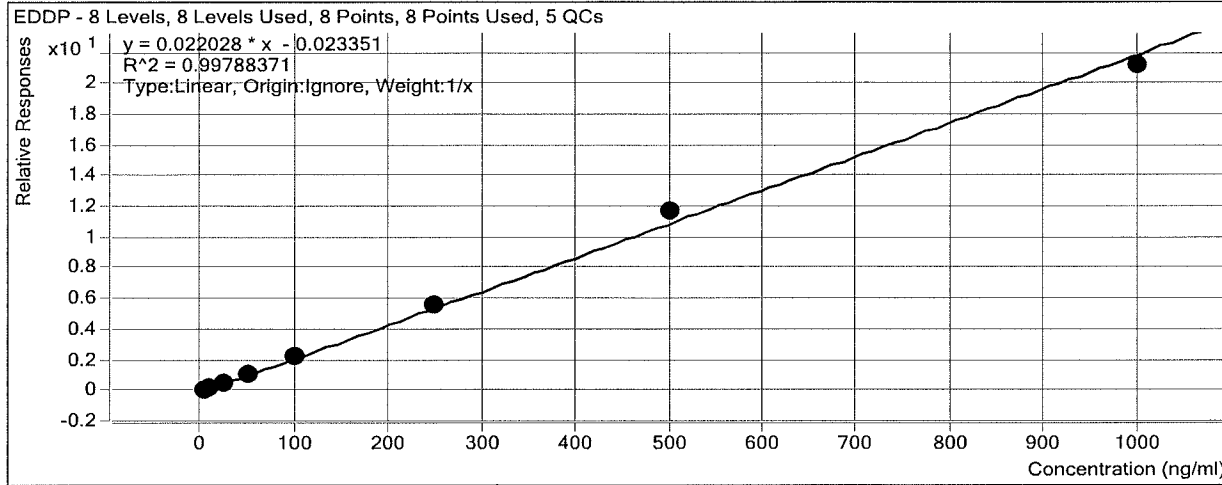


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	0.5	0.5	105.1
b cal 2	2	<input type="checkbox"/>	1	1.0	100.2
a QC 10	2	<input type="checkbox"/>	1	1.1	109.4
b cal 3	3	<input checked="" type="checkbox"/>	2.5	2.3	92.2
b cal 4	4	<input checked="" type="checkbox"/>	5	5.1	102.6
b cal 5	5	<input checked="" type="checkbox"/>	10	9.5	95.1
b qc 100	5	<input checked="" type="checkbox"/>	10	9.3	93.0
b qc 100 2nd	5	<input checked="" type="checkbox"/>	10	9.0	90.2
b cal 6	6	<input checked="" type="checkbox"/>	25	25.8	103.2
b QC 250	6	<input checked="" type="checkbox"/>	25	23.2	92.9
b cal 7	7	<input checked="" type="checkbox"/>	50	52.1	104.1
b cal 8	8	<input checked="" type="checkbox"/>	100	97.7	97.7
b qc 1000	8	<input checked="" type="checkbox"/>	100	95.7	95.7

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM **Analyst Name** ISP TOX

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



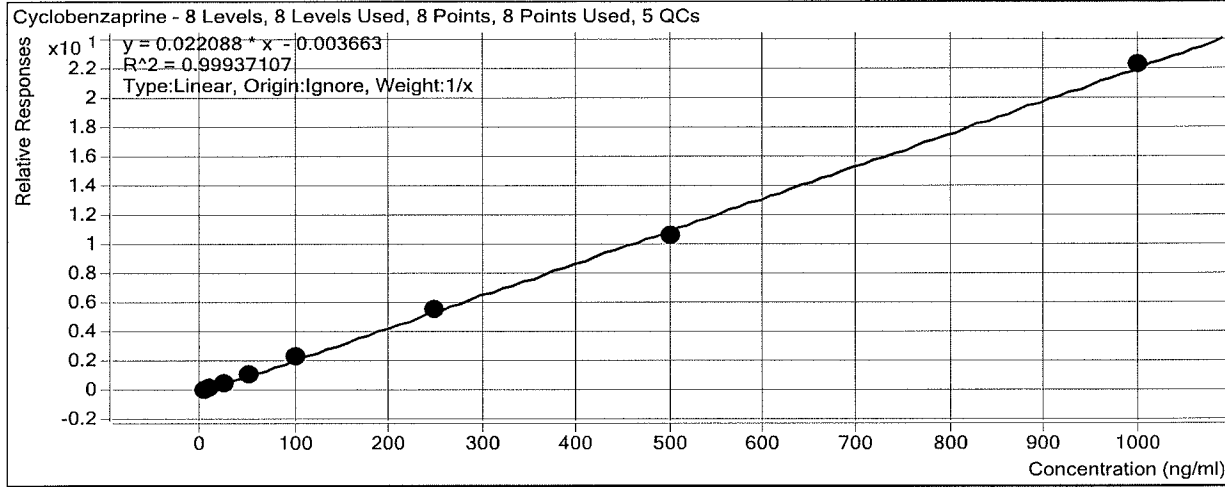
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	5.1	101.7
b cal 2	2	<input checked="" type="checkbox"/>	10	9.5	94.6
a QC 10	2	<input checked="" type="checkbox"/>	10	11.0	110.0
b cal 3	3	<input checked="" type="checkbox"/>	25	24.0	96.2
b cal 4	4	<input checked="" type="checkbox"/>	50	51.1	102.1
b cal 5	5	<input checked="" type="checkbox"/>	100	100.6	100.6
b qc 100	5	<input checked="" type="checkbox"/>	100	98.8	98.8
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	101.4	101.4
b cal 6	6	<input checked="" type="checkbox"/>	250	255.4	102.1
b QC 250	6	<input checked="" type="checkbox"/>	250	252.1	100.8
b cal 7	7	<input checked="" type="checkbox"/>	500	532.4	106.5
b cal 8	8	<input checked="" type="checkbox"/>	1000	962.0	96.2
b qc 1000	8	<input type="checkbox"/>	1000	984.3	98.4

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin

**Last Calib Update** 3/2/2017 3:32 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	4.8	95.3
b cal 2	2	<input checked="" type="checkbox"/>	10	9.5	94.9
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.1
b cal 3	3	<input checked="" type="checkbox"/>	25	24.9	99.6
b cal 4	4	<input checked="" type="checkbox"/>	50	53.4	106.7
b cal 5	5	<input checked="" type="checkbox"/>	100	104.7	104.7
b qc 100	5	<input checked="" type="checkbox"/>	100	109.8	109.8
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	107.1	107.1
b cal 6	6	<input checked="" type="checkbox"/>	250	254.2	101.7
b QC 250	6	<input checked="" type="checkbox"/>	250	262.0	104.8
b cal 7	7	<input checked="" type="checkbox"/>	500	483.6	96.7
b cal 8	8	<input checked="" type="checkbox"/>	1000	1005.0	100.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1051.1	105.1

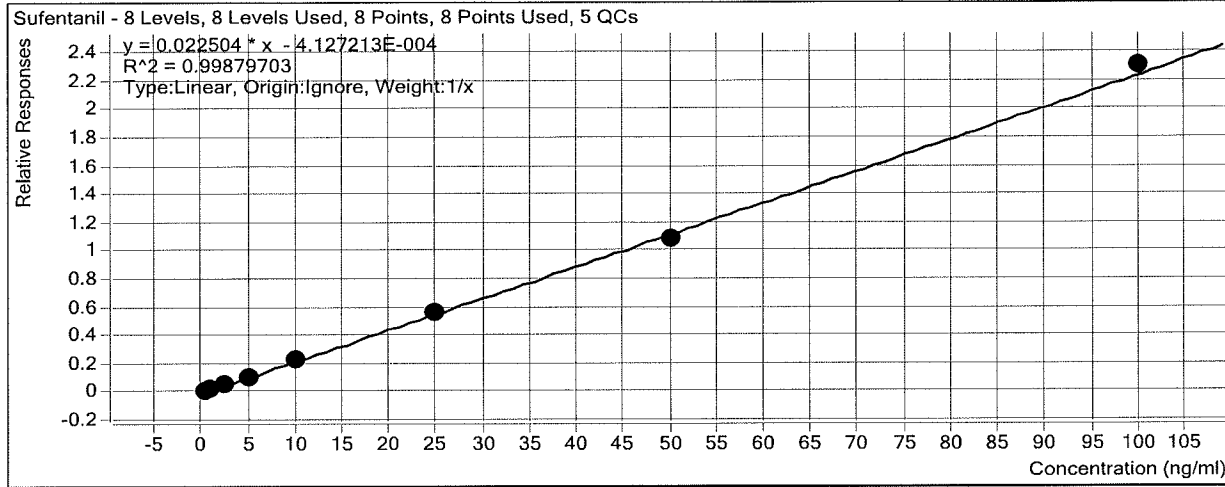


# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin

**Last Calib Update** 3/2/2017 3:32 PM **Analyst Name** ISP TOX

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

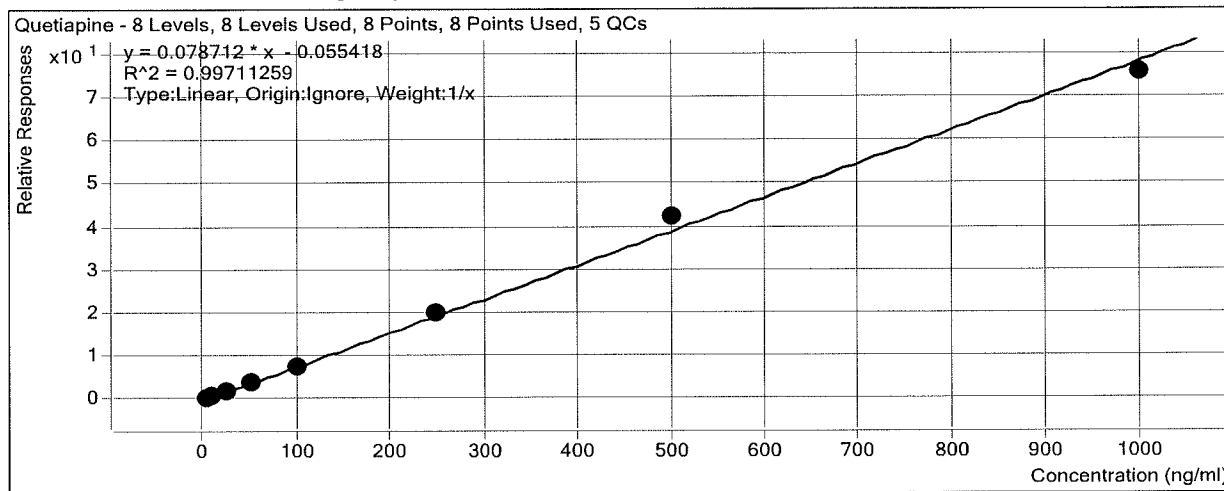


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	0.5	0.6	112.1
b cal 2	2	<input checked="" type="checkbox"/>	1	1.1	108.0
a QC 10	2	<input type="checkbox"/>	1	1.1	114.5
b cal 3	3	<input checked="" type="checkbox"/>	2.5	2.4	94.5
b cal 4	4	<input checked="" type="checkbox"/>	5	4.3	86.7
b cal 5	5	<input checked="" type="checkbox"/>	10	10.0	99.8
b qc 100	5	<input checked="" type="checkbox"/>	10	9.7	97.1
b qc 100 2nd	5	<input checked="" type="checkbox"/>	10	10.6	105.6
b cal 6	6	<input checked="" type="checkbox"/>	25	24.9	99.5
b QC 250	6	<input checked="" type="checkbox"/>	25	25.9	103.5
b cal 7	7	<input checked="" type="checkbox"/>	50	48.5	96.9
b cal 8	8	<input checked="" type="checkbox"/>	100	102.3	102.3
b qc 1000	8	<input checked="" type="checkbox"/>	100	92.5	92.5

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM  
**Analyst Name** ISP TOX

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



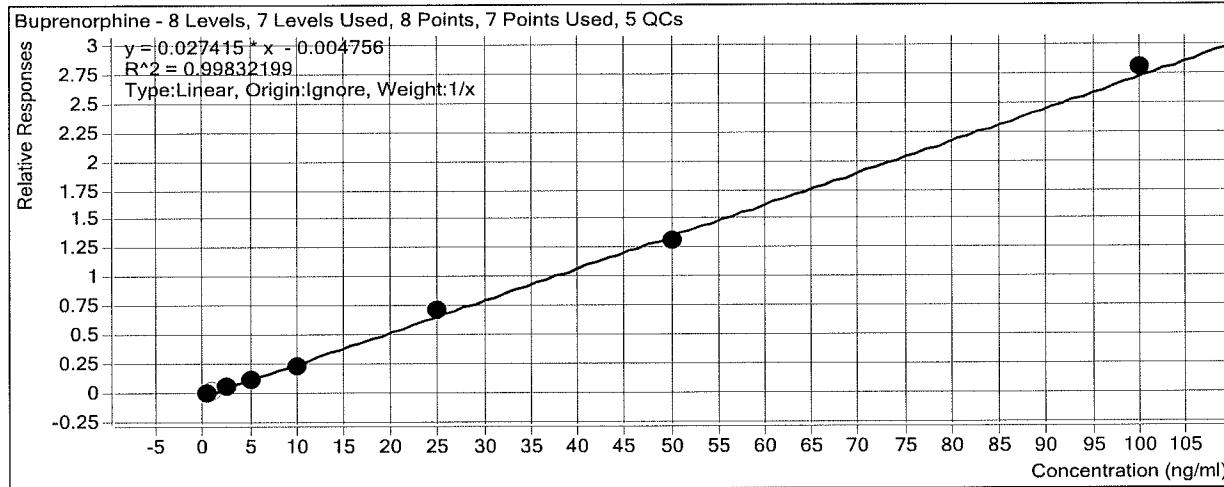
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	5.4	107.2
b cal 2	2	<input checked="" type="checkbox"/>	10	9.8	97.9
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.8
b cal 3	3	<input checked="" type="checkbox"/>	25	24.5	98.2
b cal 4	4	<input checked="" type="checkbox"/>	50	46.3	92.6
b cal 5	5	<input checked="" type="checkbox"/>	100	97.4	97.4
b qc 100	5	<input checked="" type="checkbox"/>	100	100.9	100.9
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	97.5	97.5
b cal 6	6	<input checked="" type="checkbox"/>	250	257.6	103.0
b QC 250	6	<input checked="" type="checkbox"/>	250	262.1	104.8
b cal 7	7	<input checked="" type="checkbox"/>	500	538.5	107.7
b cal 8	8	<input checked="" type="checkbox"/>	1000	960.5	96.1
b qc 1000	8	<input checked="" type="checkbox"/>	1000	859.7	86.0

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin

**Last Calib Update** 3/2/2017 3:32 PM **Analyst Name** ISP TOX

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



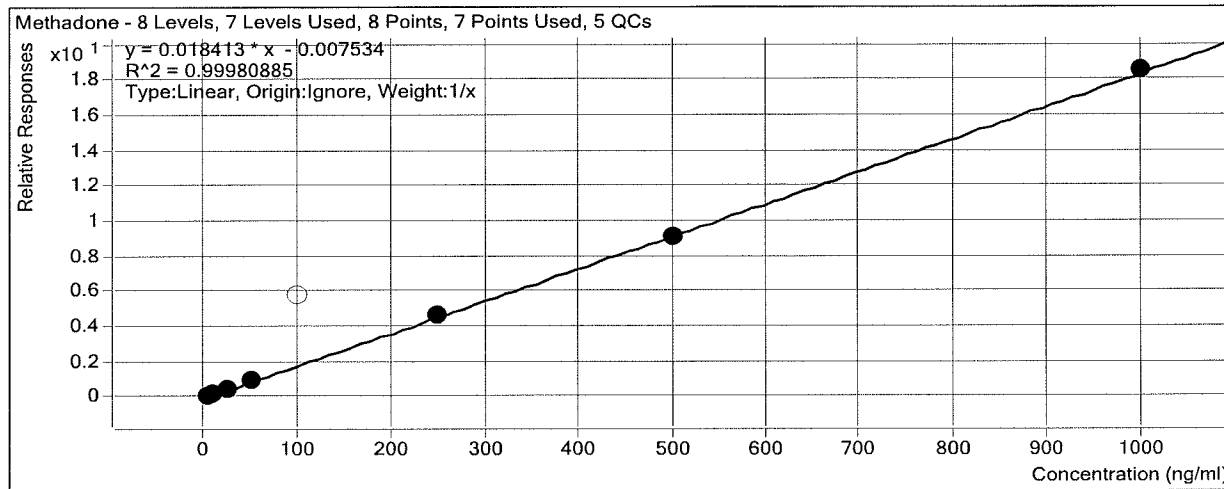
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	0.5	0.6	114.9
b cal 2	2	<input type="checkbox"/>	1	1.0	103.5
a QC 10	2	<input type="checkbox"/>	1	1.3	129.0
b cal 3	3	<input checked="" type="checkbox"/>	2.5	2.5	98.7
b cal 4	4	<input checked="" type="checkbox"/>	5	4.7	93.9
b cal 5	5	<input checked="" type="checkbox"/>	10	9.0	90.0
b qc 100	5	<input checked="" type="checkbox"/>	10	9.8	97.5
b qc 100 2nd	5	<input checked="" type="checkbox"/>	10	9.2	92.3
b cal 6	6	<input checked="" type="checkbox"/>	25	26.1	104.2
b QC 250	6	<input checked="" type="checkbox"/>	25	23.8	95.1
b cal 7	7	<input checked="" type="checkbox"/>	50	48.1	96.2
b cal 8	8	<input checked="" type="checkbox"/>	100	102.1	102.1
b qc 1000	8	<input checked="" type="checkbox"/>	100	65.0	65.0

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin

**Last Calib Update** 3/2/2017 3:32 PM **Analyst Name** ISP TOX

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



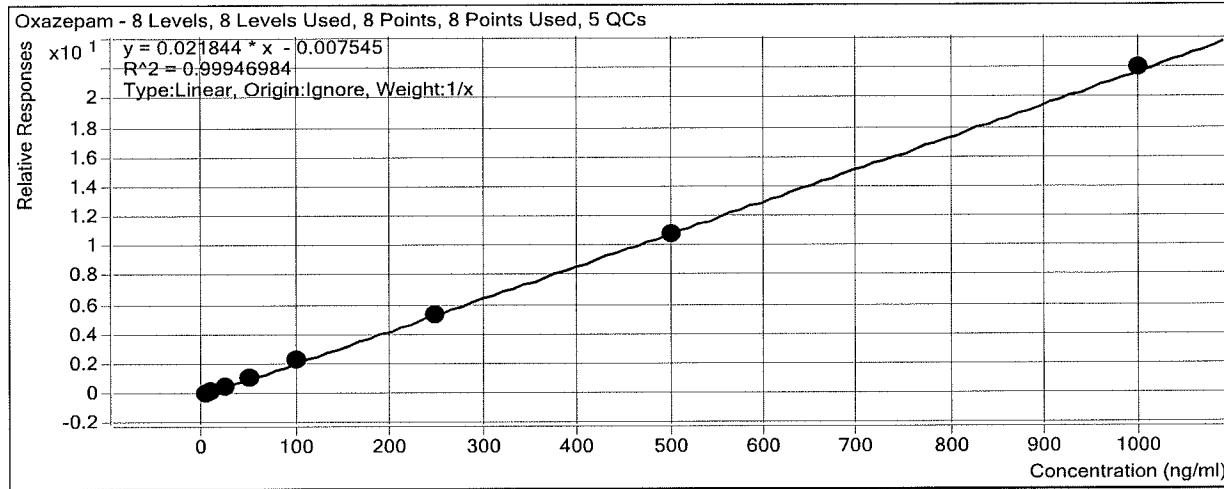
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	5.1	101.8
b cal 2	2	<input checked="" type="checkbox"/>	10	10.1	101.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.9	109.5
b cal 3	3	<input checked="" type="checkbox"/>	25	23.5	94.0
b cal 4	4	<input checked="" type="checkbox"/>	50	51.4	102.8
b cal 5	5	<input type="checkbox"/>	100	310.8	310.8
b qc 100	5	<input checked="" type="checkbox"/>	100	94.3	94.3
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	108.3	108.3
b cal 6	6	<input checked="" type="checkbox"/>	250	253.1	101.2
b QC 250	6	<input checked="" type="checkbox"/>	250	264.0	105.6
b cal 7	7	<input checked="" type="checkbox"/>	500	491.9	98.4
b cal 8	8	<input checked="" type="checkbox"/>	1000	1004.8	100.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	904.9	90.5

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin

**Last Calib Update** 3/2/2017 3:32 PM **Analyst Name** ISP TOX

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

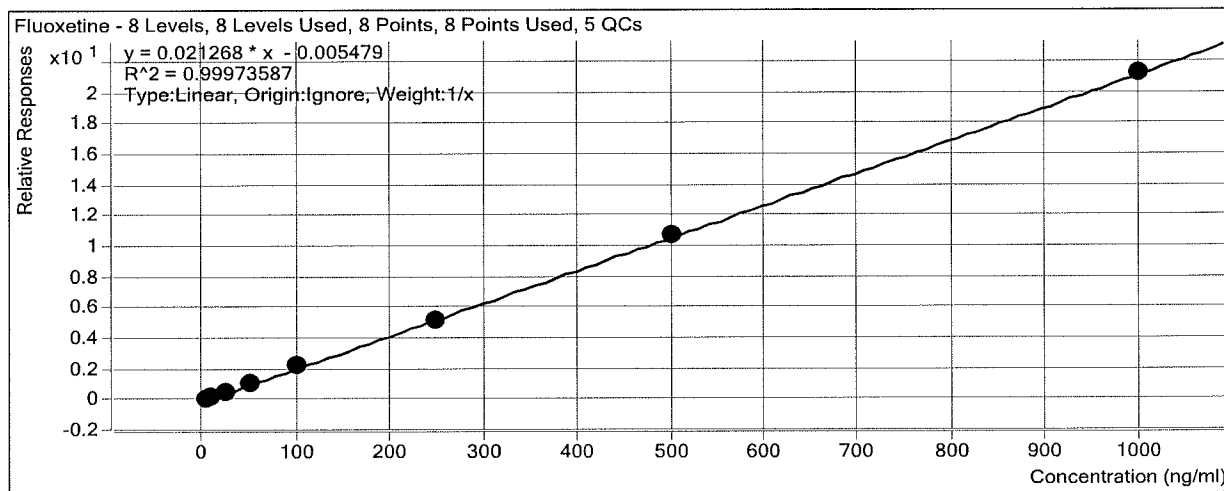


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	4.8	95.1
b cal 2	2	<input checked="" type="checkbox"/>	10	10.6	106.5
a QC 10	2	<input checked="" type="checkbox"/>	10	9.3	93.2
b cal 3	3	<input checked="" type="checkbox"/>	25	24.1	96.3
b cal 4	4	<input checked="" type="checkbox"/>	50	48.4	96.8
b cal 5	5	<input checked="" type="checkbox"/>	100	107.8	107.8
b qc 100	5	<input checked="" type="checkbox"/>	100	103.1	103.1
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	93.1	93.1
b cal 6	6	<input checked="" type="checkbox"/>	250	246.4	98.6
b QC 250	6	<input checked="" type="checkbox"/>	250	251.4	100.5
b cal 7	7	<input checked="" type="checkbox"/>	500	492.4	98.5
b cal 8	8	<input checked="" type="checkbox"/>	1000	1005.6	100.6
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1011.9	101.2

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM  
**Analyst Name** ISP TOX

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

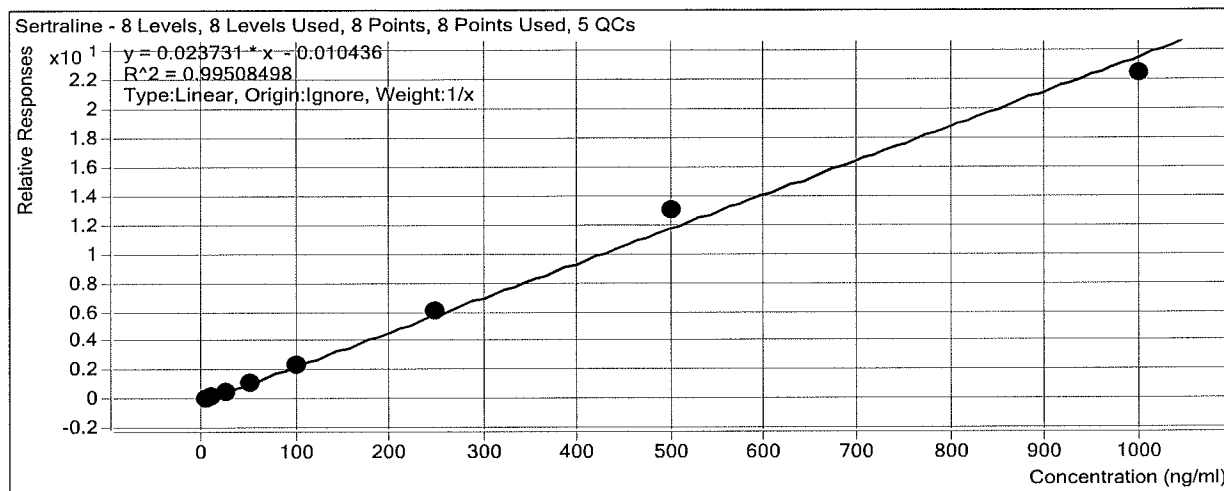


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	5.2	103.9
b cal 2	2	<input checked="" type="checkbox"/>	10	9.8	98.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	105.0
b cal 3	3	<input checked="" type="checkbox"/>	25	23.2	92.9
b cal 4	4	<input checked="" type="checkbox"/>	50	51.7	103.4
b cal 5	5	<input checked="" type="checkbox"/>	100	103.1	103.1
b qc 100	5	<input checked="" type="checkbox"/>	100	99.9	99.9
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	103.6	103.6
b cal 6	6	<input checked="" type="checkbox"/>	250	244.0	97.6
b QC 250	6	<input checked="" type="checkbox"/>	250	251.3	100.5
b cal 7	7	<input checked="" type="checkbox"/>	500	504.2	100.8
b cal 8	8	<input checked="" type="checkbox"/>	1000	998.8	99.9
b qc 1000	8	<input checked="" type="checkbox"/>	1000	982.8	98.3

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM  
**Analyst Name** ISP TOX

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

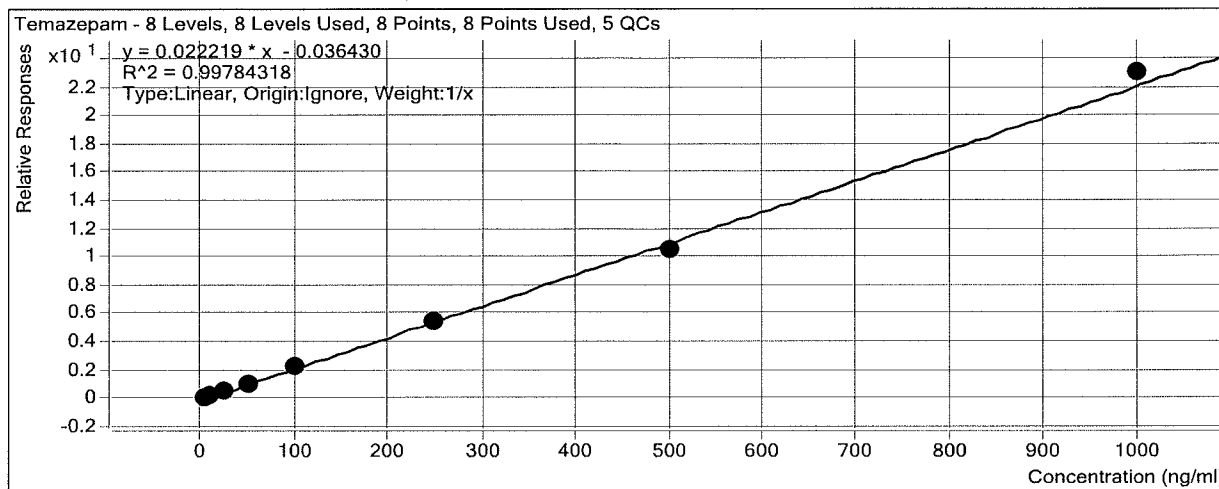


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	4.9	97.7
b cal 2	2	<input checked="" type="checkbox"/>	10	10.4	103.9
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	101.9
b cal 3	3	<input checked="" type="checkbox"/>	25	23.4	93.8
b cal 4	4	<input checked="" type="checkbox"/>	50	49.2	98.5
b cal 5	5	<input checked="" type="checkbox"/>	100	99.0	99.0
b qc 100	5	<input checked="" type="checkbox"/>	100	96.1	96.1
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	98.2	98.2
b cal 6	6	<input checked="" type="checkbox"/>	250	255.5	102.2
b QC 250	6	<input checked="" type="checkbox"/>	250	256.7	102.7
b cal 7	7	<input checked="" type="checkbox"/>	500	552.4	110.5
b cal 8	8	<input checked="" type="checkbox"/>	1000	945.2	94.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1024.1	102.4

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM  
**Analyst Name** ISP TOX

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



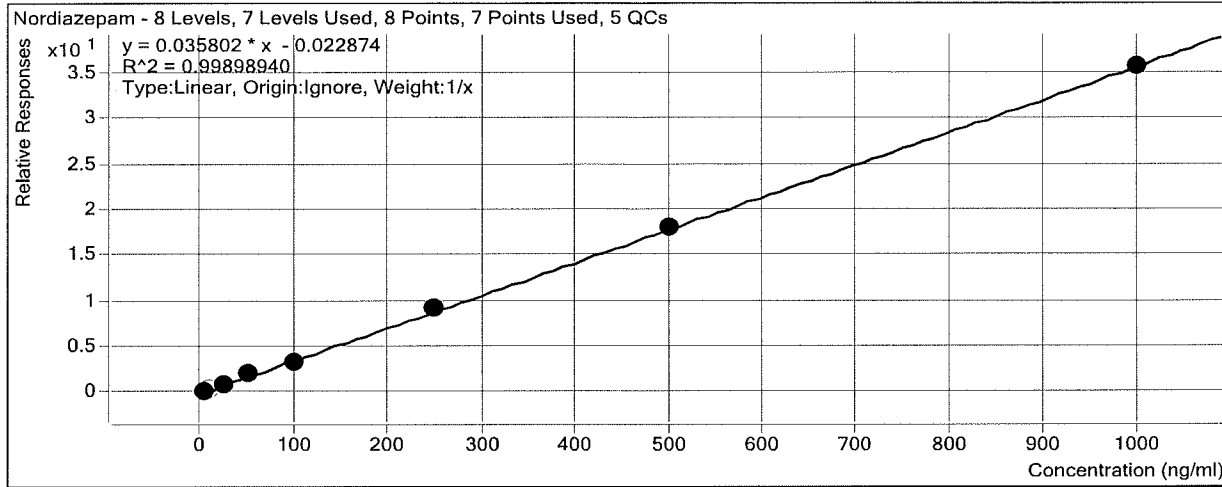
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	5.6	112.0
b cal 2	2	<input checked="" type="checkbox"/>	10	11.0	110.0
a QC 10	2	<input type="checkbox"/>	10	10.4	103.9
b cal 3	3	<input checked="" type="checkbox"/>	25	21.0	84.0
b cal 4	4	<input checked="" type="checkbox"/>	50	49.1	98.2
b cal 5	5	<input checked="" type="checkbox"/>	100	100.4	100.4
b qc 100	5	<input checked="" type="checkbox"/>	100	89.7	89.7
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	106.8	106.8
b cal 6	6	<input checked="" type="checkbox"/>	250	242.5	97.0
b QC 250	6	<input checked="" type="checkbox"/>	250	248.9	99.6
b cal 7	7	<input checked="" type="checkbox"/>	500	473.5	94.7
b cal 8	8	<input checked="" type="checkbox"/>	1000	1037.0	103.7
b qc 1000	8	<input checked="" type="checkbox"/>	1000	953.8	95.4



# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1  
b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM **Analyst Name** ISP TOX

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

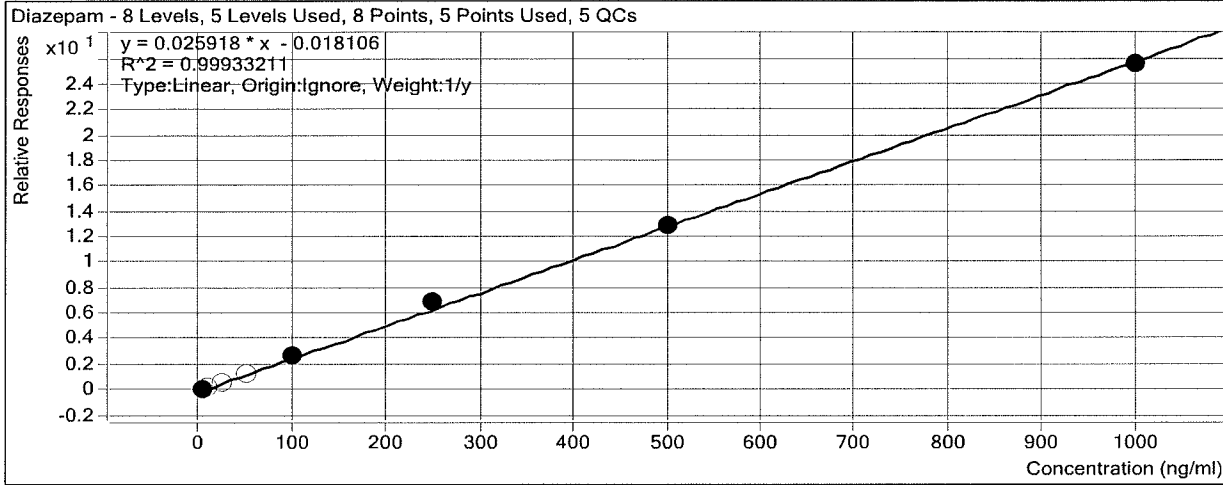


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	5.3	105.6
b cal 2	2	<input type="checkbox"/>	10	10.2	101.6
a QC 10	2	<input type="checkbox"/>	10	11.2	112.0
b cal 3	3	<input checked="" type="checkbox"/>	25	22.6	90.3
b cal 4	4	<input checked="" type="checkbox"/>	50	55.1	110.3
b cal 5	5	<input checked="" type="checkbox"/>	100	91.1	91.1
b qc 100	5	<input checked="" type="checkbox"/>	100	102.4	102.4
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	101.0	101.0
b cal 6	6	<input checked="" type="checkbox"/>	250	255.4	102.2
b QC 250	6	<input checked="" type="checkbox"/>	250	262.2	104.9
b cal 7	7	<input checked="" type="checkbox"/>	500	505.3	101.1
b cal 8	8	<input checked="" type="checkbox"/>	1000	995.3	99.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1007.8	100.8

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin  
**Last Calib Update** 3/2/2017 3:32 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1	1	<input checked="" type="checkbox"/>	5	4.7	94.4
b cal 2	2	<input type="checkbox"/>	10	10.1	100.8
a QC 10	2	<input type="checkbox"/>	10	10.9	109.4
b cal 3	3	<input type="checkbox"/>	25	25.4	101.6
b cal 4	4	<input type="checkbox"/>	50	46.5	93.1
b cal 5	5	<input checked="" type="checkbox"/>	100	103.2	103.2
b qc 100	5	<input checked="" type="checkbox"/>	100	101.8	101.8
b qc 100 2nd	5	<input checked="" type="checkbox"/>	100	113.0	113.0
b cal 6	6	<input checked="" type="checkbox"/>	250	264.7	105.9
b QC 250	6	<input checked="" type="checkbox"/>	250	291.4	116.6
b cal 7	7	<input checked="" type="checkbox"/>	500	498.3	99.7
b cal 8	8	<input checked="" type="checkbox"/>	1000	985.1	98.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1036.0	103.6

# ISP FORENSICS - Cd'A Instrument # 62340

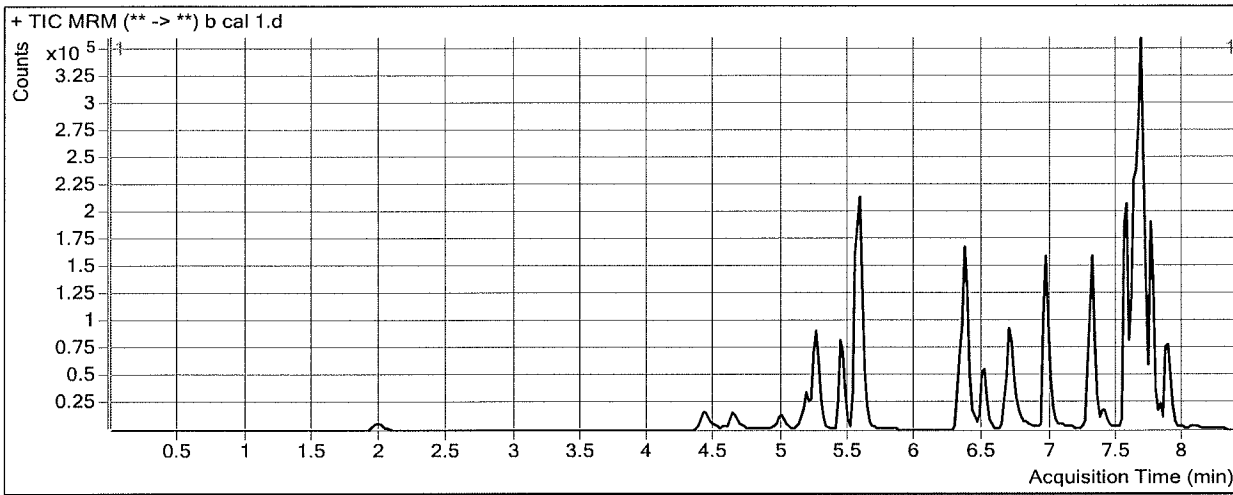
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin  
**Analysis Time** 3/2/2017 3:32 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 3:37 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 3:32 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 16:26 **Data File** b cal 1.d  
**Sample Type** Calibration **Sample Name** b cal 1  
**Dilution** 1 **Acq Method** Quant Panel 1b 11-18-2016.m  
**Position** P1-A1 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.989	3670	34583	0.1061	5.5209
Dihydrocodeine	Dihydrocodeine-D6	4.477	8026	81738	0.0982	4.2337
Naloxone	Naloxone-D5	4.693	4955	66582	0.0744	6.2851
Noroxycodone	Noroxycodone-D3	5.017	5243	51504	0.1018	5.3132
Naltrexone	Naltrexone-D3	5.192	10264	103711	0.0990	4.9323
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.304	3422	344208	0.0099	0.6041
Naltrexol	Naltrexol-D3	5.451	28700	231257	0.1241	4.7619
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.579	73667	659583	0.1117	4.4184
Ketamine	Ketamine-D4	6.341	26985	223816	0.1206	4.6253
Norfentanyl	Norfentanyl-D5	6.384	5340	442544	0.0121	0.6908
Dextrorphan	Dextrorphan-D3	6.495	15539	160282	0.0969	5.3458
alpha-PVP	alpha-PVP-d8	6.688	43049	389904	0.1104	4.8771
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.981	4591	521714	0.0088	0.5182
Norbuprenorphine	Norbuprenorphine-D3	7.255	64	12789	0.0050	0.4875
Fentanyl	Fentanyl-D5	7.299	4500	454973	0.0099	0.5254
EDDP	EDDP-D3	7.390	3529	39806	0.0886	5.0843
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	23365	230053	0.1016	4.7641
Sufentanil	Sufentanil-D5	7.559	3864	316559	0.0122	0.5607
Quetiapine	Quetiapine-D8	7.560	67230	183531	0.3663	5.3579
Buprenorphine	Buprenorphine-D4	7.696	1184	107646	0.0110	0.5745
Methadone	Methadone-D9	7.643	39984	464139	0.0861	5.0879
Oxazepam	Oxazepam-D5	7.710	2421	25152	0.0963	4.7526
Fluoxetine	Fluoxetine-D6	7.685	69416	661189	0.1050	5.1939

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

bcal 1

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Sertraline	Sertraline-D3	7.746	17515	166100	0.1054	4.8832
Temazepam	Temazepam-D5	7.768	18176	206425	0.0881	5.6024
Nordiazepam	Nordiazepam-D5	7.836	4836	29108	0.1662	5.2798
Diazepam	Diazepam-D5	7.891	17765	170343	0.1043	4.7225



# ISP FORENSICS - Cd'A Instrument # 62340

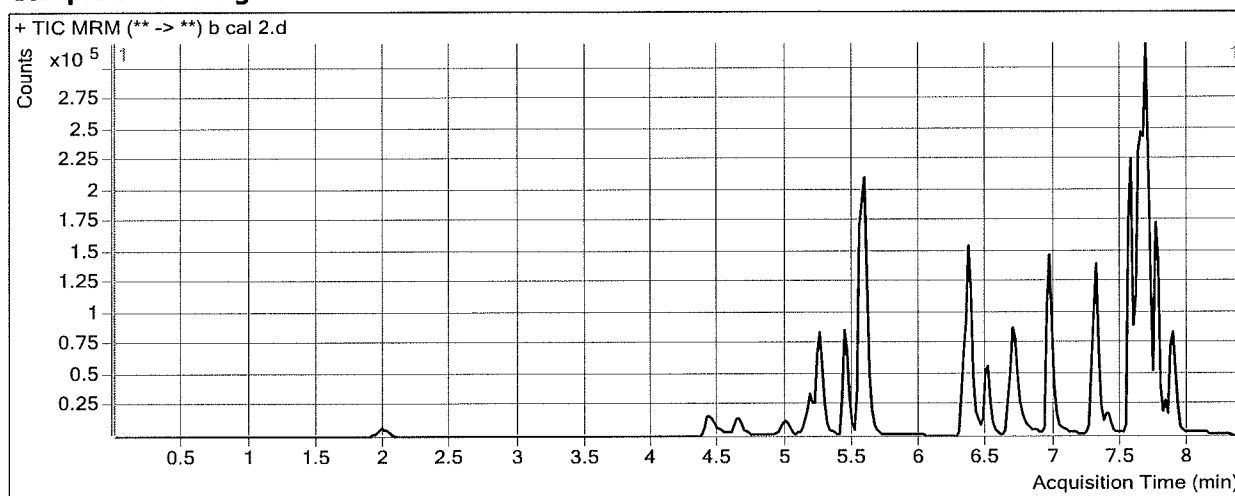
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin  
**Analysis Time** 3/2/2017 3:32 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 3:37 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 3:32 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 16:52 **Data File** b cal 2.d  
**Sample Type** Calibration **Sample Name** b cal 2  
**Dilution** 1 **Acq Method** Quant Panel 1b 11-18-2016.m  
**Position** P1-B1 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	2.009	6526	31533	0.2070	9.7318
Dihydrocodeine	Dihydrocodeine-D6	4.496	14775	74275	0.1989	9.3772
Naloxone	Naloxone-D5	4.693	7895	57984	0.1362	9.8492
Noroxycodone	Noroxycodone-D3	5.017	9421	45501	0.2071	10.1956
Naltrexone	Naltrexone-D3	5.192	18708	90887	0.2058	9.8386
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.304	6193	312371	0.0198	1.0204
Naltrexol	Naltrexol-D3	5.451	51631	209201	0.2468	9.5680
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.579	137312	602860	0.2278	9.6133
Ketamine	Ketamine-D4	6.341	47873	206808	0.2315	9.3474
Norfentanyl	Norfentanyl-D5	6.384	7654	393973	0.0194	1.0155
Dextrorphan	Dextrorphan-D3	6.495	26366	140501	0.1877	9.6214
alpha-PVP	alpha-PVP-d8	6.688	74321	333840	0.2226	9.4825
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.981	7706	478919	0.0161	0.8985
Norbuprenorphine	Norbuprenorphine-D3	7.295	88	10935	0.0081	0.6357
Fentanyl	Fentanyl-D5	7.299	8076	395251	0.0204	1.0022
EDDP	EDDP-D3	7.410	6713	36263	0.1851	9.4642
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	39329	191021	0.2059	9.4872
Sufentanil	Sufentanil-D5	7.559	6358	265998	0.0239	1.0804
Quetiapine	Quetiapine-D8	7.560	119085	166584	0.7149	9.7861
Buprenorphine	Buprenorphine-D4	7.696	2156	91295	0.0236	1.0349
Methadone	Methadone-D9	7.643	75451	421167	0.1791	10.1388
Oxazepam	Oxazepam-D5	7.710	5276	23444	0.2251	10.6485
Fluoxetine	Fluoxetine-D6	7.685	102934	505166	0.2038	9.8382

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

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<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Sertraline	Sertraline-D3	7.746	27340	115790	0.2361	10.3896
Temazepam	Temazepam-D5	7.768	41422	199125	0.2080	11.0018
Nordiazepam	Nordiazepam-D5	7.836	11499	33718	0.3410	10.1645
Diazepam	Diazepam-D5	7.891	36493	150009	0.2433	10.0847



# ISP FORENSICS - Cd'A Instrument # 62340

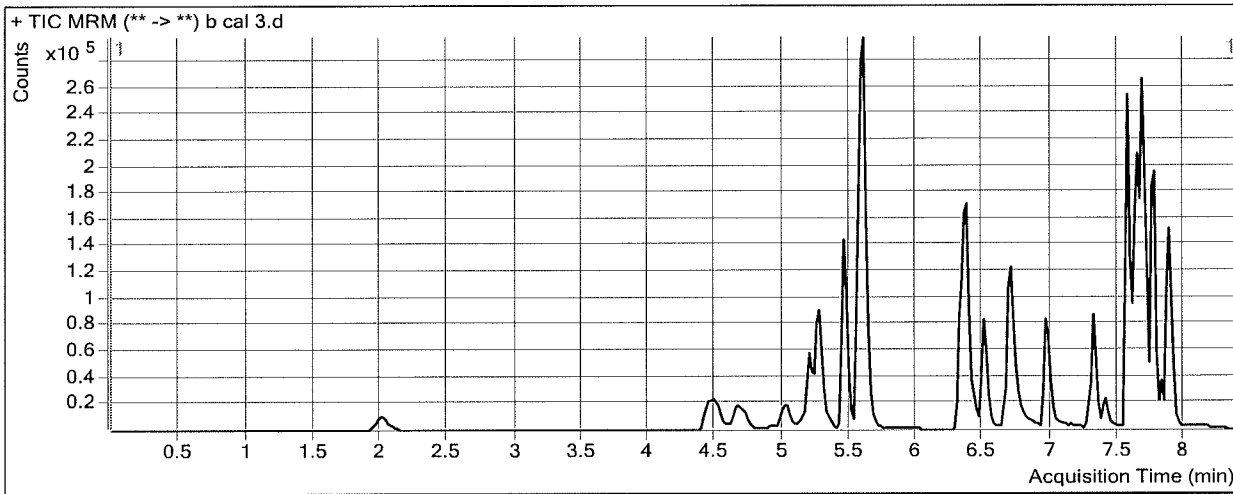
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin  
**Analysis Time** 3/2/2017 3:32 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 3:37 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 3:32 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 17:17 **Data File** b cal 3.d  
**Sample Type** Calibration **Sample Name** b cal 3  
**Dilution** 1 **Acq Method** Quant Panel 1b 11-18-2016.m  
**Position** P1-C1 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	2.029	19746	35966	0.5490	24.0167
Dihydrocodeine	Dihydrocodeine-D6	4.496	43423	84045	0.5167	25.6015
Naloxone	Naloxone-D5	4.713	25675	66797	0.3844	24.1807
Noroxycodone	Noroxycodone-D3	5.037	24278	49344	0.4920	23.4137
Naltrexone	Naltrexone-D3	5.192	57076	107359	0.5316	24.7960
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.324	17374	335814	0.0517	2.3648
Naltrexol	Naltrexol-D3	5.451	156489	244660	0.6396	24.9552
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.598	392643	666052	0.5895	25.8024
Ketamine	Ketamine-D4	6.341	135336	233608	0.5793	24.1564
Norfentanyl	Norfentanyl-D5	6.404	21346	415522	0.0514	2.4248
Dextrorphan	Dextrorphan-D3	6.495	69354	139132	0.4985	24.2721
alpha-PVP	alpha-PVP-d8	6.709	191400	319737	0.5986	24.9134
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.981	12106	264432	0.0458	2.4472
Norbuprenorphine	Norbuprenorphine-D3	7.295	293	6420	0.0456	2.4447
Fentanyl	Fentanyl-D5	7.299	10761	218443	0.0493	2.3062
EDDP	EDDP-D3	7.410	19158	37840	0.5063	24.0436
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	58541	107206	0.5461	24.8883
Sufentanil	Sufentanil-D5	7.559	7657	145116	0.0528	2.3632
Quetiapine	Quetiapine-D8	7.560	227549	121267	1.8764	24.5433
Buprenorphine	Buprenorphine-D4	7.696	3448	54828	0.0629	2.4673
Methadone	Methadone-D9	7.643	99637	234470	0.4249	23.4882
Oxazepam	Oxazepam-D5	7.730	12865	24816	0.5184	24.0789
Fluoxetine	Fluoxetine-D6	7.685	156656	320537	0.4887	23.2370

ISP FORENSICS - Cd'A Instrument # 62340  
Multi-Drug Confirmatory Analysis Report

b cal ~~23~~ 3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.746	46963	86025	0.5459	23.4444
Temazepam	Temazepam-D5	7.768	91851	213486	0.4302	21.0033
Nordiazepam	Nordiazepam-D5	7.836	22759	28972	0.7856	22.5806
Diazepam	Diazepam-D5	7.891	113900	177821	0.6405	25.4122





# ISP FORENSICS - Cd'A Instrument # 62340

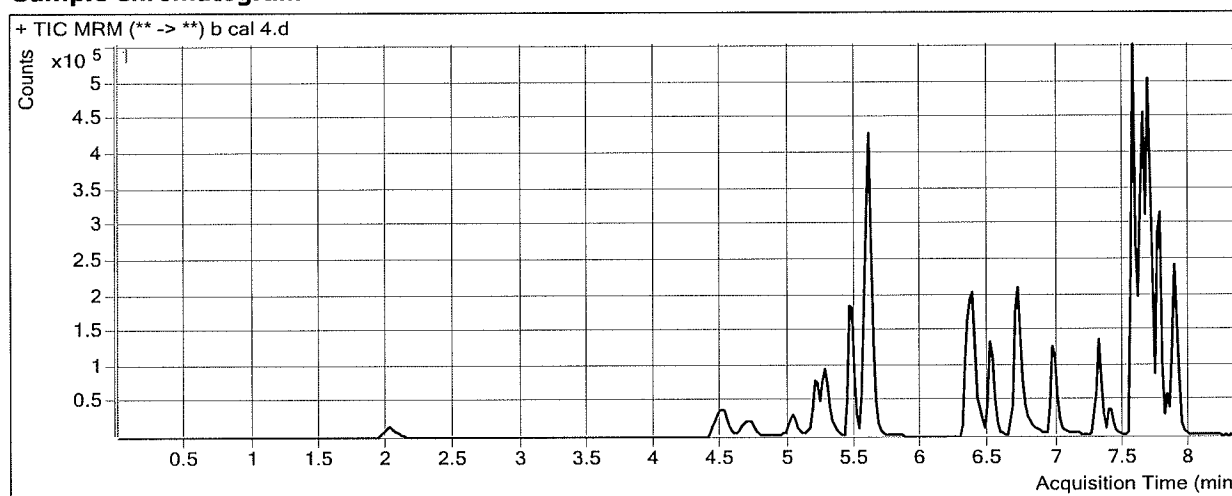
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin  
**Analysis Time** 3/2/2017 3:32 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 3:37 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 3:32 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 17:43 **Data File** b cal 4.d  
**Sample Type** Calibration **Sample Name** b cal 4  
**Dilution** 1 **Acq Method** Quant Panel 1b 11-18-2016.m  
**Position** P1-D1 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	2.029	39344	34776	1.1314	48.3363
Dihydrocodeine	Dihydrocodeine-D6	4.516	88253	85126	1.0367	52.1571
Naloxone	Naloxone-D5	4.713	51022	62742	0.8132	48.9408
Noroxycodone	Noroxycodone-D3	5.037	52745	48848	1.0798	50.6779
Naltrexone	Naltrexone-D3	5.212	111466	102018	1.0926	50.5506
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.324	35550	336370	0.1057	4.6376
Naltrexol	Naltrexol-D3	5.471	315041	235443	1.3381	52.3147
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.598	787404	662006	1.1894	52.6506
Ketamine	Ketamine-D4	6.341	290771	233633	1.2446	52.4778
Norfentanyl	Norfentanyl-D5	6.404	46592	431901	0.1079	4.9177
Dextrophan	Dextrophan-D3	6.495	162267	153998	1.0537	50.4422
alpha-PVP	alpha-PVP-d8	6.709	439097	359529	1.2213	50.4691
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.981	35356	374468	0.0944	4.9842
Norbuprenorphine	Norbuprenorphine-D3	7.275	572	10579	0.0541	2.8554
Fentanyl	Fentanyl-D5	7.299	35297	316064	0.1117	5.1292
EDDP	EDDP-D3	7.410	51426	46697	1.1013	51.0541
Cyclobenzaprine	Cyclobenzaprine-D3	7.633	177180	150781	1.1751	53.3663
Sufentanil	Sufentanil-D5	7.559	21078	217086	0.0971	4.3329
Quetiapine	Quetiapine-D8	7.560	588659	163975	3.5899	46.3125
Buprenorphine	Buprenorphine-D4	7.696	9427	76018	0.1240	4.6969
Methadone	Methadone-D9	7.643	324010	345165	0.9387	51.3913
Oxazepam	Oxazepam-D5	7.730	26404	25157	1.0496	48.3935
Fluoxetine	Fluoxetine-D6	7.685	479208	438128	1.0938	51.6847

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

*b caly*

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<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Sertraline	Sertraline-D3	7.746	135678	117155	1.1581	49.2415
Temazepam	Temazepam-D5	7.768	206344	195757	1.0541	49.0800
Nordiazepam	Nordiazepam-D5	7.836	51898	26595	1.9514	55.1457
Diazepam	Diazepam-D5	7.891	203736	171476	1.1881	46.5401

*[Signature]*

# ISP FORENSICS - Cd'A Instrument # 62340

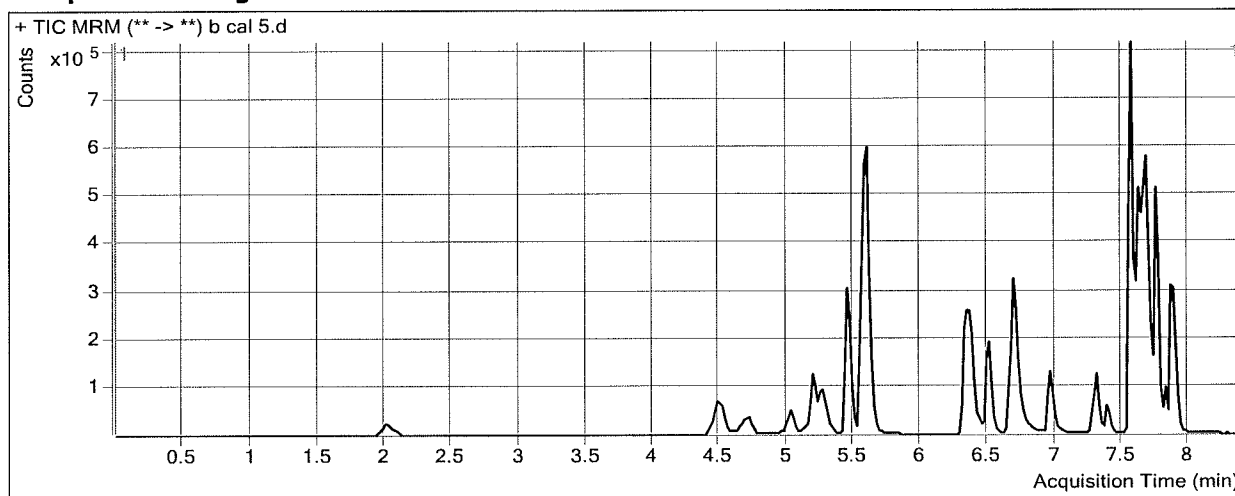
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin  
**Analysis Time** 3/2/2017 3:32 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 3:37 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 3:32 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 18:08 **Data File** b cal 5.d  
**Sample Type** Calibration **Sample Name** b cal 5  
**Dilution** 1 **Acq Method** Quant Panel 1b 11-18-2016.m  
**Position** P1-E1 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	2.029	75738	32520	2.3289	98.3489
Dihydrocodeine	Dihydrocodeine-D6	4.496	174416	79131	2.2041	111.7678
Naloxone	Naloxone-D5	4.713	96856	66502	1.4564	86.0798
Noroxycodone	Noroxycodone-D3	5.037	103629	49521	2.0926	97.6601
Naltrexone	Naltrexone-D3	5.192	199205	91488	2.1774	100.3529
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.324	68226	314067	0.2172	9.3368
Naltrexol	Naltrexol-D3	5.451	570245	212183	2.6875	105.1738
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.598	1494369	632486	2.3627	105.1584
Ketamine	Ketamine-D4	6.341	551327	214310	2.5726	109.0158
Norfentanyl	Norfentanyl-D5	6.384	89335	402462	0.2220	9.9512
Dextrorphan	Dextrorphan-D3	6.495	292751	138928	2.1072	100.1001
alpha-PVP	alpha-PVP-d8	6.688	819844	317363	2.5833	106.3657
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.962	59321	317001	0.1871	9.8205
Norbuprenorphine	Norbuprenorphine-D3	7.275	1635	8454	0.1934	9.5773
Fentanyl	Fentanyl-D5	7.299	54104	259363	0.2086	9.5133
EDDP	EDDP-D3	7.390	92674	42282	2.1918	100.5608
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	298616	129372	2.3082	104.6667
Sufentanil	Sufentanil-D5	7.559	39809	177496	0.2243	9.9847
Quetiapine	Quetiapine-D8	7.560	1123703	147627	7.6118	97.4084
Buprenorphine	Buprenorphine-D4	7.696	14276	59019	0.2419	8.9964
Methadone	Methadone-D9	7.643	560647	98090	5.7156	310.8286
Oxazepam	Oxazepam-D5	7.710	48780	20791	2.3462	107.7526
Fluoxetine	Fluoxetine-D6	7.685	835792	382090	2.1874	103.1069

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

b cal 5

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Sertraline	Sertraline-D3	7.746	238519	101976	2.3390	99.0025
Temazepam	Temazepam-D5	7.768	387079	176449	2.1937	100.3711
Nordiazepam	Nordiazepam-D5	7.836	88728	27410	3.2370	91.0545
Diazepam	Diazepam-D5	7.891	417119	156947	2.6577	103.2405



# ISP FORENSICS - Cd'A Instrument # 62340

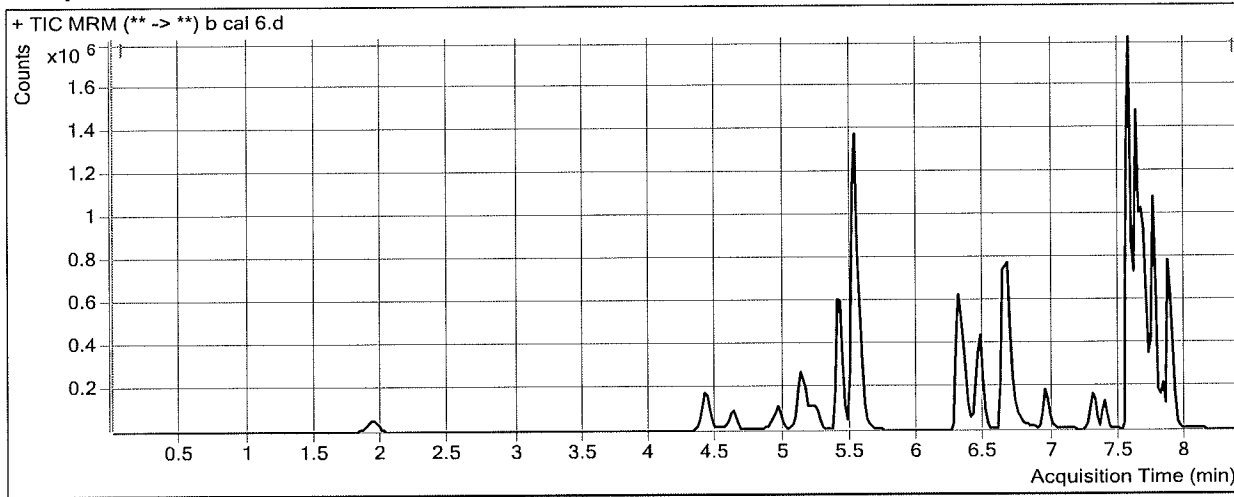
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin  
**Analysis Time** 3/2/2017 3:32 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 3:37 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 3:32 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 18:33 **Data File** b cal 6.d  
**Sample Type** Calibration **Sample Name** b cal 6  
**Dilution** 1 **Acq Method** Quant Panel 1b 11-18-2016.m  
**Position** P1-F1 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.928	211149	35297	5.9821	250.9117
Dihydrocodeine	Dihydrocodeine-D6	4.417	473564	90779	5.2167	265.5946
Naloxone	Naloxone-D5	4.629	282094	70658	3.9924	232.4990
Noroxycodone	Noroxycodone-D3	4.957	271272	49411	5.4901	255.2562
Naltrexone	Naltrexone-D3	5.132	515873	94829	5.4400	250.1420
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.264	196897	351921	0.5595	23.7555
Naltrexol	Naltrexol-D3	5.410	1476216	227510	6.4886	254.0654
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.539	4032819	703737	5.7306	255.8824
Ketamine	Ketamine-D4	6.301	1535164	245254	6.2595	265.9813
Norfentanyl	Norfentanyl-D5	6.364	251056	448497	0.5598	24.8538
Dextrophan	Dextrophan-D3	6.455	775247	149636	5.1809	244.9776
alpha-PVP	alpha-PVP-d8	6.668	2254311	371489	6.0683	249.3923
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	165759	341589	0.4853	25.3715
Norbuprenorphine	Norbuprenorphine-D3	7.255	4590	8256	0.5559	27.0720
Fentanyl	Fentanyl-D5	7.299	149875	263622	0.5685	25.7927
EDDP	EDDP-D3	7.390	262634	46885	5.6016	255.3555
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	748927	133492	5.6103	254.1648
Sufentanil	Sufentanil-D5	7.559	106949	191152	0.5595	24.8807
Quetiapine	Quetiapine-D8	7.560	2936353	145240	20.2173	257.5555
Buprenorphine	Buprenorphine-D4	7.716	36172	50984	0.7095	26.0526
Methadone	Methadone-D9	7.623	1432221	307799	4.6531	253.1226
Oxazepam	Oxazepam-D5	7.710	147119	27366	5.3759	246.4495
Fluoxetine	Fluoxetine-D6	7.685	1758243	339154	5.1842	244.0111

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

b cal 6

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Sertraline	Sertraline-D3	7.746	510782	84404	6.0516	255.4518
Temazepam	Temazepam-D5	7.748	1061903	198439	5.3513	242.4806
Nordiazepam	Nordiazepam-D5	7.836	266683	29241	9.1202	255.3786
Diazepam	Diazepam-D5	7.871	1099175	160615	6.8435	264.7423



# ISP FORENSICS - Cd'A Instrument # 62340

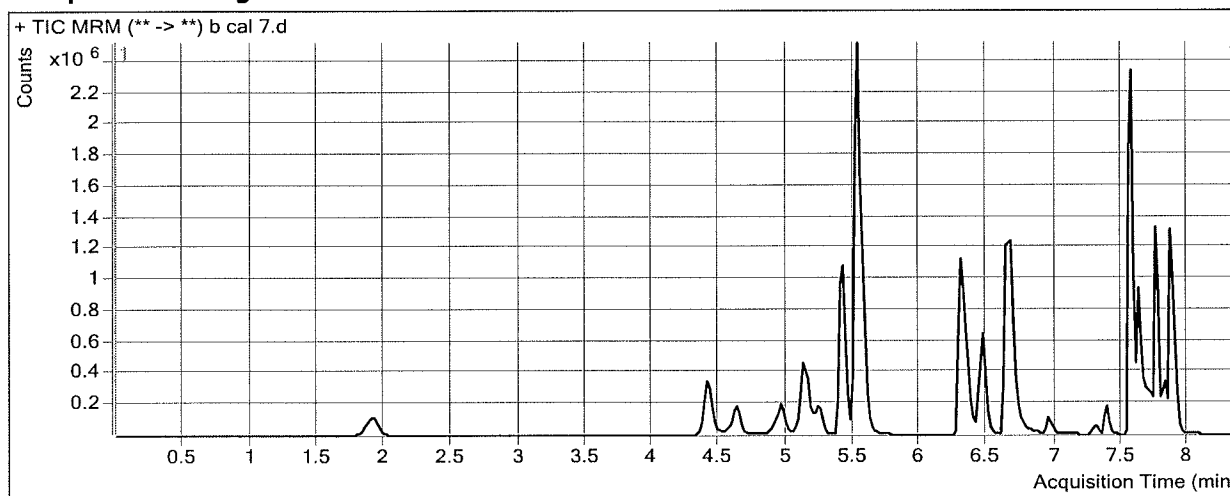
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin  
**Analysis Time** 3/2/2017 3:32 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 3:37 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 3:32 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 18:59 **Data File** b cal 7.d  
**Sample Type** Calibration **Sample Name** b cal 7  
**Dilution** 1 **Acq Method** Quant Panel 1b 11-18-2016.m  
**Position** P1-G1 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.908	443573	36763	12.0657	504.9733
Dihydrocodeine	Dihydrocodeine-D6	4.417	914589	93816	9.7488	497.0165
Naloxone	Naloxone-D5	4.629	594135	70979	8.3706	485.2860
Noroxycodone	Noroxycodone-D3	4.957	516429	48754	10.5925	491.9396
Naltrexone	Naltrexone-D3	5.132	940824	85198	11.0428	507.3655
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.264	412332	354861	1.1620	49.1359
Naltrexol	Naltrexol-D3	5.410	2754736	220550	12.4903	489.1611
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.539	7875854	692649	11.3706	508.2935
Ketamine	Ketamine-D4	6.301	2881008	247079	11.6603	495.9124
Norfentanyl	Norfentanyl-D5	6.364	473448	415410	1.1397	50.4392
Dextrorphan	Dextrorphan-D3	6.455	1176167	110425	10.6513	502.8251
alpha-PVP	alpha-PVP-d8	6.668	3747653	313964	11.9366	490.2277
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.962	120320	127634	0.9427	49.2327
Norbuprenorphine	Norbuprenorphine-D3	7.255	3168	3088	1.0258	49.7446
Fentanyl	Fentanyl-D5	7.299	63325	55111	1.1491	52.0504
EDDP	EDDP-D3	7.390	384065	32812	11.7051	532.4331
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	225145	21084	10.6783	483.6161
Sufentanil	Sufentanil-D5	7.539	36032	33054	1.0901	48.4580
Quetiapine	Quetiapine-D8	7.560	4185329	98873	42.3304	538.4929
Buprenorphine	Buprenorphine-D4	7.716	16498	12563	1.3132	48.0757
Methadone	Methadone-D9	7.623	956090	105643	9.0502	491.9310
Oxazepam	Oxazepam-D5	7.710	303164	28208	10.7476	492.3598
Fluoxetine	Fluoxetine-D6	7.665	409619	38220	10.7175	504.1775

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

b cal 7

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Sertraline	Sertraline-D3	7.746	118673	9060	13.0979	552.3771
Temazepam	Temazepam-D5	7.748	2057036	196200	10.4844	473.5034
Nordiazepam	Nordiazepam-D5	7.836	464465	25708	18.0673	505.2847
Diazepam	Diazepam-D5	7.871	1928275	149508	12.8975	498.3216





# ISP FORENSICS - Cd'A Instrument # 62340

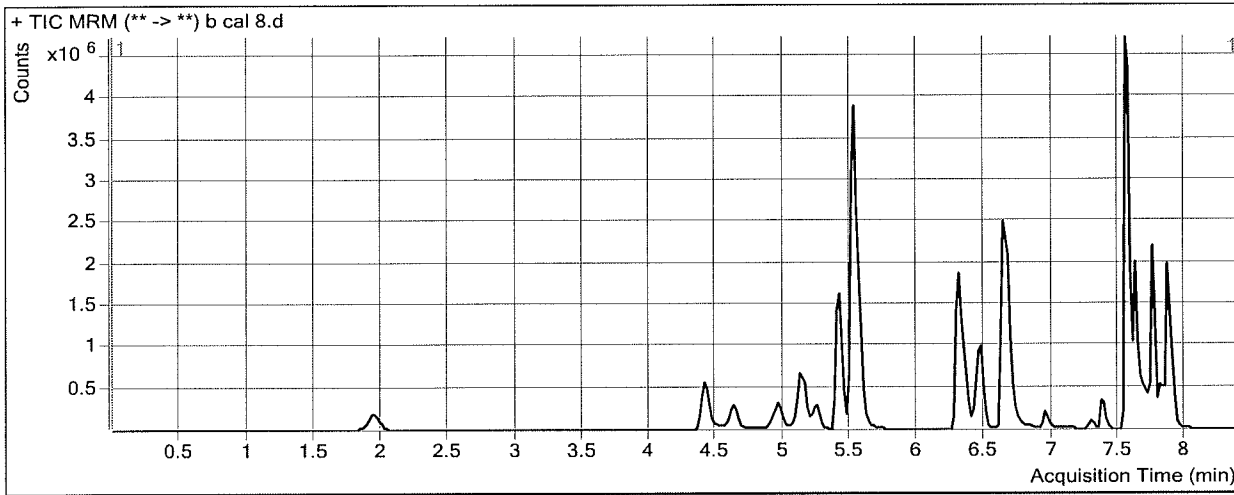
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1 b.batch.bin  
**Analysis Time** 3/2/2017 3:32 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 3:37 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 3:32 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 19:24 **Data File** b cal 8.d  
**Sample Type** Calibration **Sample Name** b cal 8  
**Dilution** 1 **Acq Method** Quant Panel 1b 11-18-2016.m  
**Position** P1-H1 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.948	786404	32938	23.8753	998.1604
Dihydrocodeine	Dihydrocodeine-D6	4.417	1577384	82608	19.0949	974.2517
Naloxone	Naloxone-D5	4.629	1058334	58074	18.2239	1054.1930
Noroxycodone	Noroxycodone-D3	4.957	889741	41061	21.6689	1005.7392
Naltrexone	Naltrexone-D3	5.132	1459721	67593	21.5959	991.8606
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.264	767718	314127	2.4440	103.1449
Naltrexol	Naltrexol-D3	5.410	4353890	180371	24.1385	945.4321
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.539	12797871	585176	21.8701	978.1810
Ketamine	Ketamine-D4	6.301	5023885	218475	22.9953	978.4836
Norfentanyl	Norfentanyl-D5	6.364	889997	380695	2.3378	103.2959
Dextrophan	Dextrophan-D3	6.455	2037562	95884	21.2504	1002.4157
alpha-PVP	alpha-PVP-d8	6.648	7029773	287412	24.4589	1004.1493
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	285365	148015	1.9279	100.6257
Norbuprenorphine	Norbuprenorphine-D3	7.255	5429	2662	2.0395	98.6614
Fentanyl	Fentanyl-D5	7.279	130287	60376	2.1579	97.6829
EDDP	EDDP-D3	7.370	790141	37328	21.1678	962.0045
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	542328	24434	22.1955	1005.0465
Sufentanil	Sufentanil-D5	7.539	84173	36556	2.3026	102.3393
Quetiapine	Quetiapine-D8	7.540	8832912	116913	75.5509	960.5435
Buprenorphine	Buprenorphine-D4	7.716	27035	9672	2.7953	102.1366
Methadone	Methadone-D9	7.623	1991467	107681	18.4942	1004.8402
Oxazepam	Oxazepam-D5	7.710	529296	24105	21.9581	1005.5647
Fluoxetine	Fluoxetine-D6	7.665	763167	35937	21.2361	998.7507

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

b cal 8

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Sertraline	Sertraline-D3	7.726	229111	10219	22.4202	945.2099
Temazepam	Temazepam-D5	7.748	3348153	145548	23.0038	1036.9574
Nordiazepam	Nordiazepam-D5	7.836	761346	21380	35.6099	995.2762
Diazepam	Diazepam-D5	7.871	3061196	119976	25.5151	985.1475



# ISP FORENSICS - Cd'A Instrument # 62340

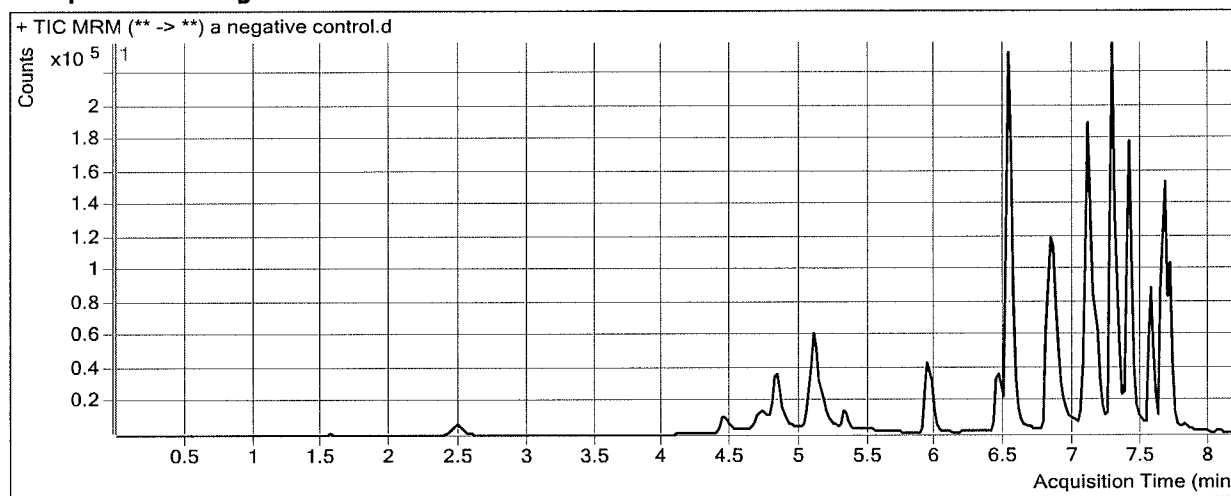
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.bat  
**Analysis Time** 3/2/2017 2:16 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 2:21 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 2:16 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 19:49 **Data File** a negative control.d  
**Sample Type** Sample **Sample Name** a negative control  
**Dilution** 1 **Acq Method** Quant Panel 1a 11-18-2016.m  
**Position** P1-F2 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



# ISP FORENSICS - Cd'A Instrument # 62340

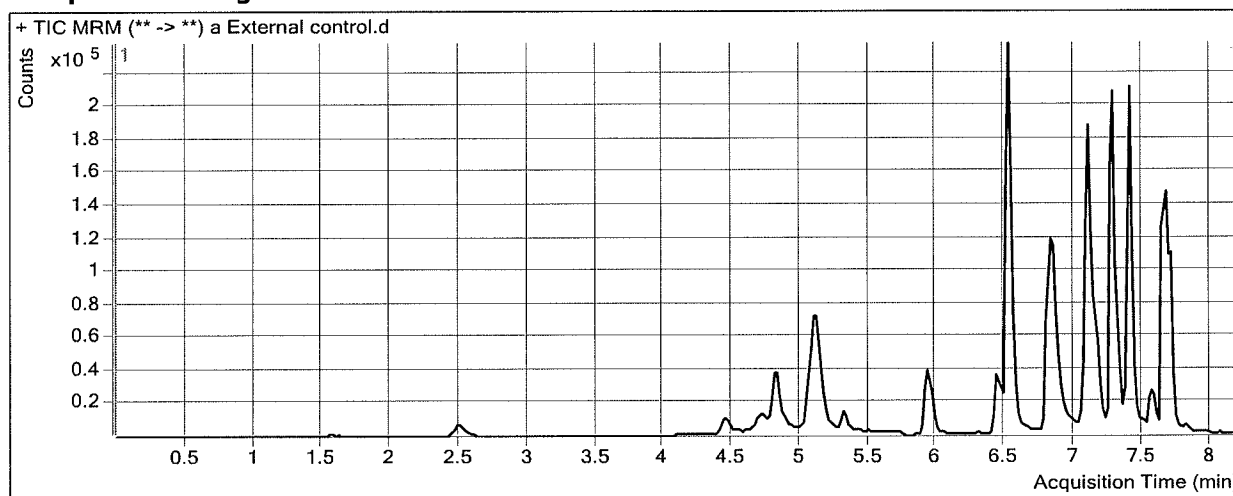
## Multi-Drug Confirmatory Analysis Report

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**Analysis Time** 3/2/2017 2:16 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 2:21 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 2:16 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 20:15 **Data File** a External control.d  
**Sample Type** Sample **Sample Name** a External control  
**Dilution** 1 **Acq Method** Quant Panel 1a 11-18-2016.m  
**Position** P1-G2 **Sample Info**  
**Inj Vol** -1 **Comment** lot 51017 50 ng hydrocodone, diphenhydramine, lorazepam

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Hydrocodone	Hydrocodone-D6	5.113	84997	105184	0.8081	46.6289
Diphenhydramine	Diphenhydramine-D3	7.412	199436	191591	1.0409	48.4138
Lorazepam	Alprazolam-D5	7.682	20170	211652	0.0953	49.4835

# ISP FORENSICS - Cd'A Instrument # 62340

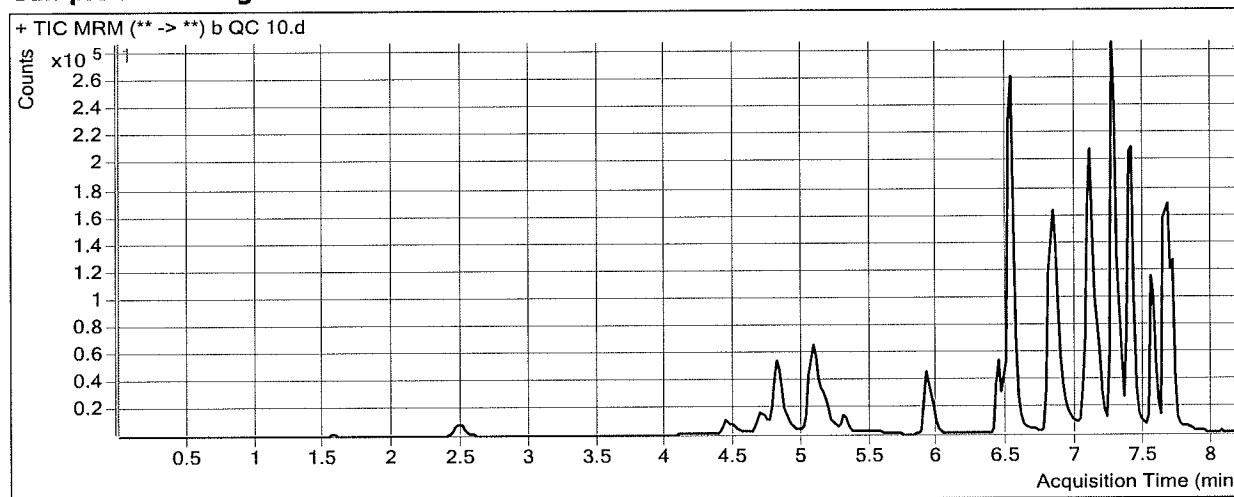
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin  
**Analysis Time** 3/2/2017 2:16 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 2:21 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 2:16 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 20:53 **Data File** <sup>8b</sup>QC 10.d  
**Sample Type** QC **Sample Name** A <sup>8b</sup>QC 10  
**Dilution** 1 **Acq Method** Quant Panel 1a 11-18-2016.m  
**Position** P1-A2 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.568	2541	3572	0.7114	7.3933
Hydromorphone	Hydromorphone-D6	2.487	10778	37640	0.2864	9.6026
Codeine	Codeine-D6	4.492	4888	19619	0.2491	9.5933
6-MAM	6-MAM-D6	4.606	192	35443	0.0054	1.0041
Amphetamine	Amphetamine-D11	4.844	80397	52890	1.5201	11.6941
Oxycodone	Oxycodone-D6	4.850	27208	111201	0.2447	12.0593
Hydrocodone	Hydrocodone-D6	5.113	18220	100157	0.1819	10.0429
Methamphetamine	Methamphetamine-D11	5.182	44299	150471	0.2944	8.6430
Norhydrocodone	Norhydrocodone-D3	5.178	1564	42938	0.0364	11.3098
Phentermine	Phentermine-D5	5.966	9425	156523	0.0602	9.3666
Dextroprphan	Dextroprphan-D3	6.441	15973	123807	0.1290	10.2676
7-aminoclonazepam	7-Aminoclonazepam-D4	6.515	21482	92950	0.2311	9.6658
Tramadol	Tramadol-13C-D3	6.521	144963	657049	0.2206	10.0465
Doxylamine	Doxylamine-D5	6.842	121354	623842	0.1945	9.3309
Bupropion	Bupropion-D9	7.091	25266	132432	0.1908	8.6673
Zolpidem	Zolpidem-D6	7.122	93180	533546	0.1746	9.5786
Meprobamate	Meprobamate-D7	7.173	11814	74342	0.1589	9.3123
Venlafaxine	Venlafaxine-D6	7.265	110765	537108	0.2062	9.1770
Trazodone	Trazodone-D6	7.295	40844	171188	0.2386	10.8708
Citalopram	Citalopram-D6	7.377	42827	194757	0.2199	10.4234
Dextromethorphan	Dextromethorphan-D3	7.388	9789	37251	0.2628	12.8546
Diphenhydramine	Diphenhydramine-D3	7.412	70728	335170	0.2110	10.2441
Promethazine	Promethazine-D3	7.546	47873	246283	0.1944	11.2710

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

AQC10

<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>
Clonazepam	Clonazepam-D4	7.582	9684	13292	0.7286	10.6702
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.640	4970	19005	0.2615	11.6896
Carisoprodol	Carisoprodol-D7	7.672	53109	322127	0.1649	9.1611
Lorazepam	Alprazolam-D5	7.682	3254	186506	0.0174	10.9564
Alprazolam	Alprazolam-D5	7.705	43338	186506	0.2324	9.7645



# ISP FORENSICS - Cd'A Instrument # 62340

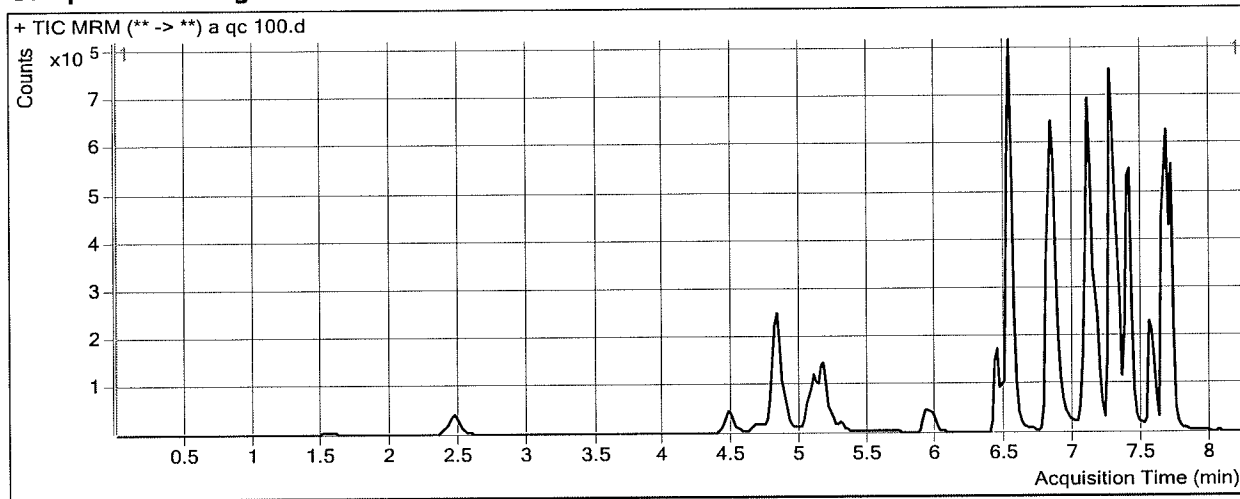
## Multi-Drug Confirmatory Analysis Report

<b>Batch Data Path</b>	D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin		
<b>Analysis Time</b>	3/2/2017 2:16 PM	<b>Analyst Name</b>	ISP Tox
<b>Report Time</b>	3/2/2017 2:21 PM	<b>Reporter Name</b>	ISP Tox
<b>Last Calib Update</b>	3/2/2017 2:16 PM	<b>Batch State</b>	Processed

### Analysis Info

<b>Acq Time</b>	2017-03-01 22:59	<b>Data File</b>	a qc 100.d
<b>Sample Type</b>	QC	<b>Sample Name</b>	a qc 100
<b>Dilution</b>	1	<b>Acq Method</b>	Quant Panel 1a 11-18-2016.m
<b>Position</b>	P1-B2	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.568	29774	4117	7.2315	90.2896
Hydromorphone	Hydromorphone-D6	2.467	131657	43541	3.0237	96.9125
Codeine	Codeine-D6	4.492	56256	22248	2.5285	85.3765
6-MAM	6-MAM-D6	4.606	1982	40766	0.0486	9.7935
Amphetamine	Amphetamine-D11	4.824	499743	53675	9.3105	104.2687
Oxycodone	Oxycodone-D6	4.830	281527	127411	2.2096	90.0097
Hydrocodone	Hydrocodone-D6	5.093	203468	109312	1.8613	108.1697
Methamphetamine	Methamphetamine-D11	5.182	378845	140102	2.7041	97.3896
Norhydrocodone	Norhydrocodone-D3	5.178	18210	44452	0.4096	92.5240
Phentermine	Phentermine-D5	5.966	94522	154275	0.6127	104.2134
Dextroprphan	Dextroprphan-D3	6.441	176309	127823	1.3793	103.8237
7-aminoclonazepam	7-Aminoclonazepam-D4	6.515	242418	103476	2.3427	106.3655
Tramadol	Tramadol-13C-D3	6.521	1565546	735153	2.1296	103.2701
Doxylamine	Doxylamine-D5	6.822	1270573	601221	2.1133	106.2360
Bupropion	Bupropion-D9	7.091	246178	113792	2.1634	107.4941
Zolpidem	Zolpidem-D6	7.102	1109530	603482	1.8385	102.2616
Meprobamate	Meprobamate-D7	7.173	141369	78855	1.7928	98.1779
Venlafaxine	Venlafaxine-D6	7.265	1161202	522847	2.2209	100.6724
Trazodone	Trazodone-D6	7.295	435855	172240	2.5305	103.1267
Citalopram	Citalopram-D6	7.377	378233	173996	2.1738	99.9218
Dextromethorphan	Dextromethorphan-D3	7.388	68080	32243	2.1114	91.6723
Diphenhydramine	Diphenhydramine-D3	7.412	616466	283852	2.1718	100.4234
Promethazine	Promethazine-D3	7.546	365185	187822	1.9443	98.6023



**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

*a qc 100*

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Clonazepam	Clonazepam-D4	7.582	108331	13603	7.9636	111.3400
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.640	50423	16953	2.9742	121.0214
Carisoprodol	Carisoprodol-D7	7.672	580367	327134	1.7741	112.5020
Lorazepam	Alprazolam-D5	7.682	41115	195154	0.2107	106.5854
Alprazolam	Alprazolam-D5	7.705	492424	195154	2.5233	102.1534





# ISP FORENSICS - Cd'A Instrument # 62340

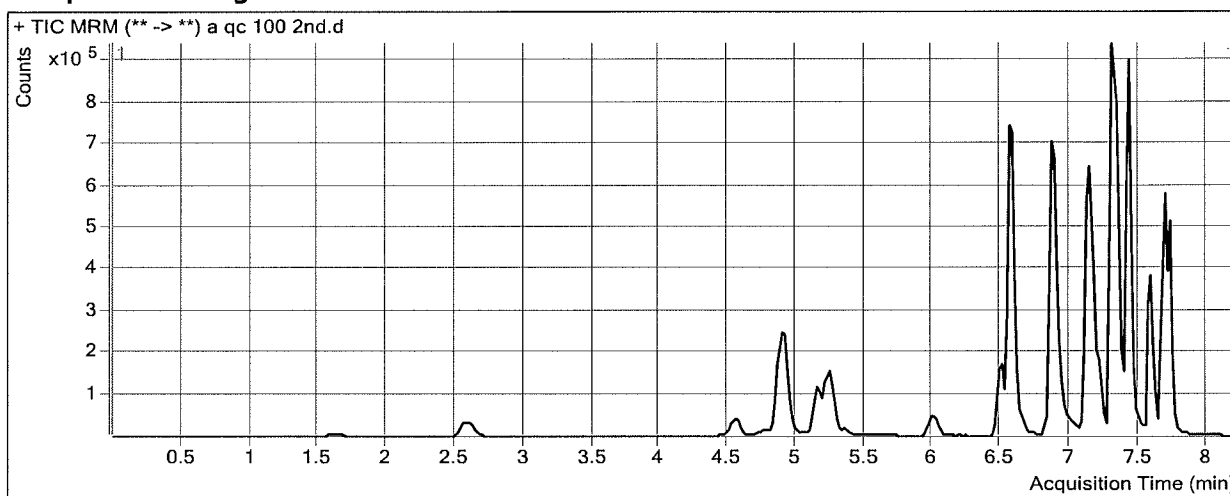
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin  
**Analysis Time** 3/2/2017 2:16 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 2:21 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 2:16 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-02 06:35 **Data File** a qc 100 2nd.d  
**Sample Type** QC **Sample Name** a qc 100 2nd  
**Dilution** 1 **Acq Method** Quant Panel 1a 11-18-2016.m  
**Position** P1-E2 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.631	26374	3113	8.4718	106.0588
Hydromorphone	Hydromorphone-D6	2.588	118659	37613	3.1547	101.0907
Codeine	Codeine-D6	4.552	48267	19157	2.5196	85.0776
6-MAM	6-MAM-D6	4.687	1693	34323	0.0493	9.9371
Amphetamine	Amphetamine-D11	4.904	518239	49745	10.4180	117.4286
Oxycodone	Oxycodone-D6	4.910	297989	131856	2.2600	92.0078
Hydrocodone	Hydrocodone-D6	5.174	193294	102062	1.8939	110.0712
Methamphetamine	Methamphetamine-D11	5.242	422104	143605	2.9393	106.0548
Norhydrocodone	Norhydrocodone-D3	5.237	17178	40525	0.4239	95.6240
Phentermine	Phentermine-D5	6.026	104721	161922	0.6467	110.0595
Dextroprphan	Dextroprphan-D3	6.504	180130	130146	1.3841	104.1778
7-aminoclonazepam	7-Aminoclonazepam-D4	6.554	220342	89471	2.4627	111.8597
Tramadol	Tramadol-13C-D3	6.580	1540067	747577	2.0601	99.8774
Doxylamine	Doxylamine-D5	6.883	1485152	657070	2.2603	113.6570
Bupropion	Bupropion-D9	7.131	194946	101176	1.9268	95.6406
Zolpidem	Zolpidem-D6	7.142	1097689	566472	1.9378	107.7882
Meprobamate	Meprobamate-D7	7.213	126936	67248	1.8876	103.3357
Venlafaxine	Venlafaxine-D6	7.306	1385047	601655	2.3021	104.3573
Trazodone	Trazodone-D6	7.335	570779	238703	2.3912	97.5179
Citalopram	Citalopram-D6	7.397	548066	243222	2.2534	103.5655
Dextromethorphan	Dextromethorphan-D3	7.428	111977	50392	2.2221	96.3916
Diphenhydramine	Diphenhydramine-D3	7.432	867913	400304	2.1681	100.2554
Promethazine	Promethazine-D3	7.586	604973	319203	1.8953	96.1540

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

*a qc 100*

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Clonazepam	Clonazepam-D4	7.602	97231	12859	7.5612	105.7418
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	43922	19022	2.3090	94.2101
Carisoprodol	Carisoprodol-D7	7.693	517649	297628	1.7392	110.2644
Lorazepam	Alprazolam-D5	7.702	36110	167292	0.2158	109.1436
Alprazolam	Alprazolam-D5	7.726	445485	167292	2.6629	107.7855



# ISP FORENSICS - Cd'A Instrument # 62340

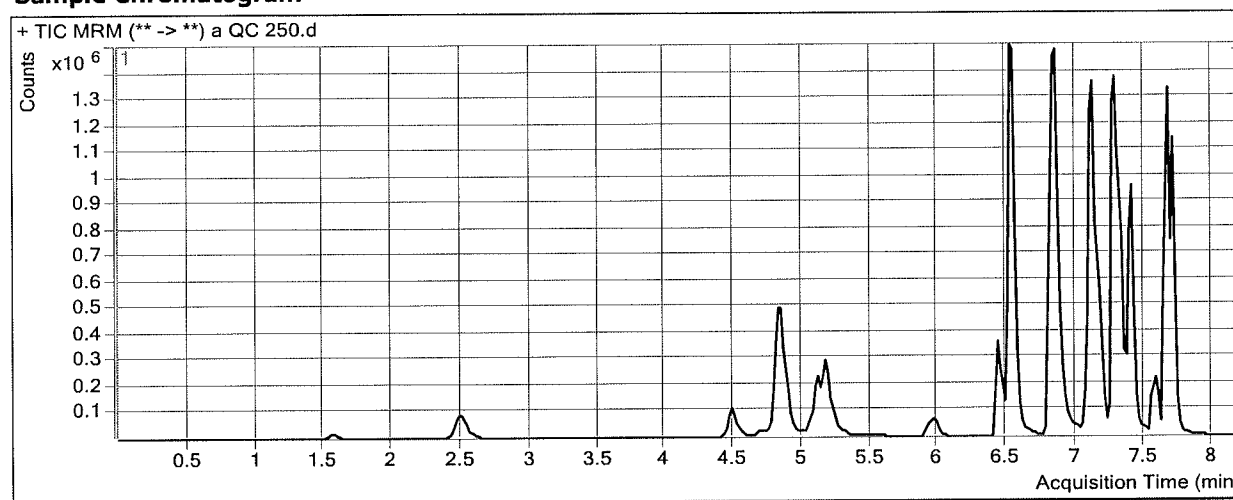
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin  
**Analysis Time** 3/2/2017 2:16 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 2:21 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 2:16 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-02 02:22 **Data File** a QC 250.d  
**Sample Type** QC **Sample Name** a QC 250  
**Dilution** 1 **Acq Method** Quant Panel 1a 11-18-2016.m  
**Position** P1-C2 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.568	72969	3964	18.4068	232.3737
Hydromorphone	Hydromorphone-D6	2.507	322352	40153	8.0280	256.5259
Codeine	Codeine-D6	4.492	144009	20576	6.9990	234.0042
6-MAM	6-MAM-D6	4.626	4919	37120	0.1325	26.8608
Amphetamine	Amphetamine-D11	4.844	937456	45702	20.5123	237.3807
Oxycodone	Oxycodone-D6	4.850	826446	140323	5.8896	236.0008
Hydrocodone	Hydrocodone-D6	5.113	489650	104882	4.6686	272.1923
Methamphetamine	Methamphetamine-D11	5.182	757297	104325	7.2591	265.1471
Norhydrocodone	Norhydrocodone-D3	5.178	44957	38038	1.1819	260.5668
Phentermine	Phentermine-D5	5.966	207246	131748	1.5730	269.0854
Dextropropion	Dextropropion-D3	6.441	407909	115299	3.5378	265.3372
7-aminoclonazepam	7-Aminoclonazepam-D4	6.515	571282	94696	6.0328	275.3484
Tramadol	Tramadol-13C-D3	6.540	3654826	693780	5.2680	256.5380
Doxylamine	Doxylamine-D5	6.842	3240028	616222	5.2579	265.0464
Bupropion	Bupropion-D9	7.091	458225	87268	5.2508	262.1690
Zolpidem	Zolpidem-D6	7.122	2810244	585391	4.8006	267.2556
Meprobamate	Meprobamate-D7	7.173	356453	73223	4.8681	265.4455
Venlafaxine	Venlafaxine-D6	7.286	2886301	518547	5.5661	252.5918
Trazodone	Trazodone-D6	7.315	1003621	159218	6.3034	254.9983
Citalopram	Citalopram-D6	7.377	750309	131995	5.6844	260.7238
Dextromethorphan	Dextromethorphan-D3	7.388	127367	21604	5.8954	253.0020
Diphenhydramine	Diphenhydramine-D3	7.412	1085466	227814	4.7647	219.6764
Promethazine	Promethazine-D3	7.566	336135	68658	4.8958	245.8964

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

AQC 250

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.582	269215	14338	18.7765	261.7943
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.640	135512	20918	6.4781	262.2390
Carisoprodol	Carisoprodol-D7	7.672	1167930	285437	4.0917	261.3355
Lorazepam	Alprazolam-D5	7.682	102045	163019	0.6260	312.1080
Alprazolam	Alprazolam-D5	7.705	1080015	163019	6.6251	267.5744

# ISP FORENSICS - Cd'A Instrument # 62340

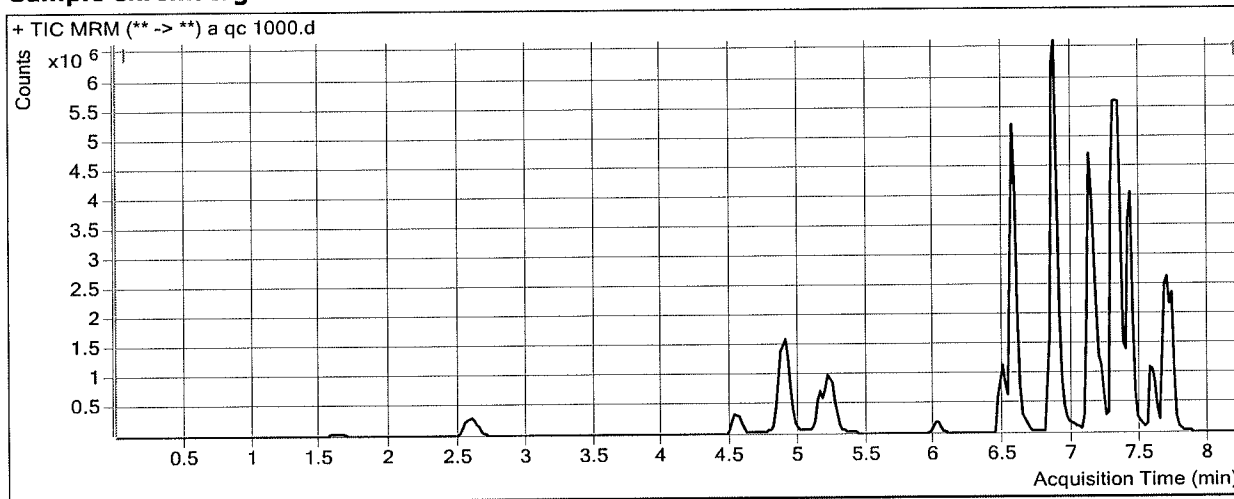
## Multi-Drug Confirmatory Analysis Report

<b>Batch Data Path</b>	D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin		
<b>Analysis Time</b>	3/2/2017 2:16 PM	<b>Analyst Name</b>	ISP Tox
<b>Report Time</b>	3/2/2017 2:21 PM	<b>Reporter Name</b>	ISP Tox
<b>Last Calib Update</b>	3/2/2017 2:16 PM	<b>Batch State</b>	Processed

### Analysis Info

<b>Acq Time</b>	2017-03-02 05:57	<b>Data File</b>	a qc 1000.d
<b>Sample Type</b>	QC	<b>Sample Name</b>	a qc 1000
<b>Dilution</b>	1	<b>Acq Method</b>	Quant Panel 1a 11-18-2016.m
<b>Position</b>	P1-D2	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.608	249552	2934	85.0534	1079.7246
Hydromorphone	Hydromorphone-D6	2.588	1172388	36493	32.1263	1025.1487
Codeine	Codeine-D6	4.532	471373	16093	29.2911	975.1475
6-MAM	6-MAM-D6	4.667	16424	34308	0.4787	97.2945
Amphetamine	Amphetamine-D11	4.884	2760243	44336	62.2574	733.4408
Oxycodone	Oxycodone-D6	4.890	3161083	122997	25.7005	1021.9205
Hydrocodone	Hydrocodone-D6	5.154	1766939	103135	17.1323	1000.4326
Methamphetamine	Methamphetamine-D11	5.222	2549689	103468	24.6423	905.3608
Norhydrocodone	Norhydrocodone-D3	5.218	164399	30447	5.3995	1178.3098
Phentermine	Phentermine-D5	6.006	767654	130810	5.8685	1006.5087
Dextroprphan	Dextroprphan-D3	6.482	1477997	108331	13.6433	1021.4936
7-aminoclonazepam	7-Aminoclonazepam-D4	6.554	1649024	76223	21.6341	989.7925
Tramadol	Tramadol-13C-D3	6.560	14403433	689426	20.8919	1019.5426
Doxylamine	Doxylamine-D5	6.862	14276164	743090	19.2119	969.7666
Bupropion	Bupropion-D9	7.111	1494130	77102	19.3785	969.9555
Zolpidem	Zolpidem-D6	7.122	9620873	554802	17.3411	965.7858
Meprobamate	Meprobamate-D7	7.213	1202256	67464	17.8206	969.9440
Venlafaxine	Venlafaxine-D6	7.306	12169766	556223	21.8793	993.4382
Trazodone	Trazodone-D6	7.315	5537174	245578	22.5475	908.8693
Citalopram	Citalopram-D6	7.397	3275394	148578	22.0449	1010.1146
Dextromethorphan	Dextromethorphan-D3	7.408	665282	28217	23.5772	1006.8727
Diphenhydramine	Diphenhydramine-D3	7.432	5311235	294733	18.0205	829.3355
Promethazine	Promethazine-D3	7.566	2372432	128098	18.5205	925.8433

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

*a qc 1000*

<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>
Clonazepam	Clonazepam-D4	7.602	798511	11504	69.4118	966.3515
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	437919	16454	26.6152	1073.8314
Carisoprodol	Carisoprodol-D7	7.693	3113278	178267	17.4642	1120.0841
Lorazepam	Alprazolam-D5	7.702	338794	107774	3.1436	1558.0399
Alprazolam	Alprazolam-D5	7.726	2804824	107774	26.0251	1049.9529



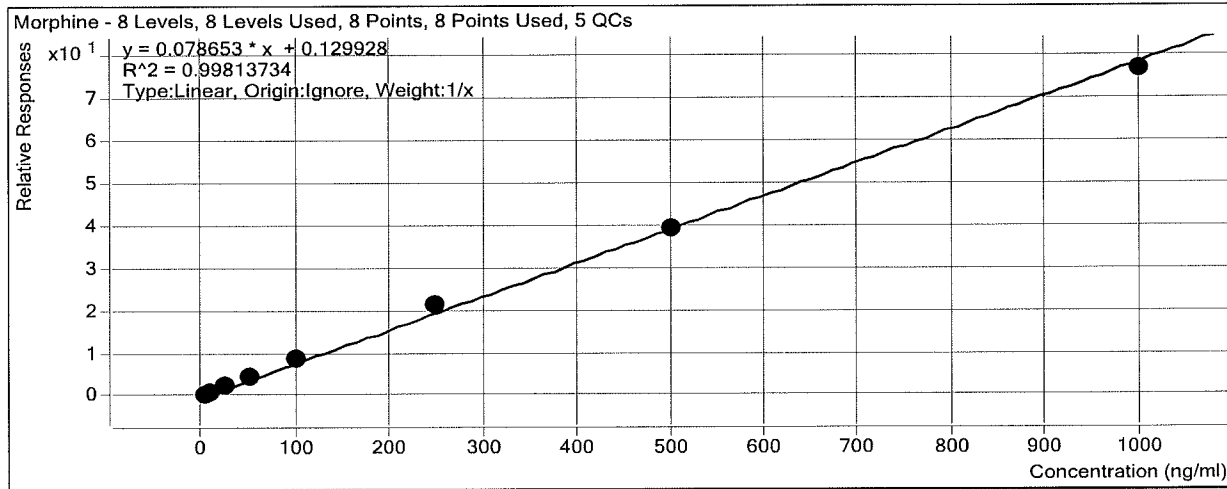
# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM

**Analyst Name** ISP TOX

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



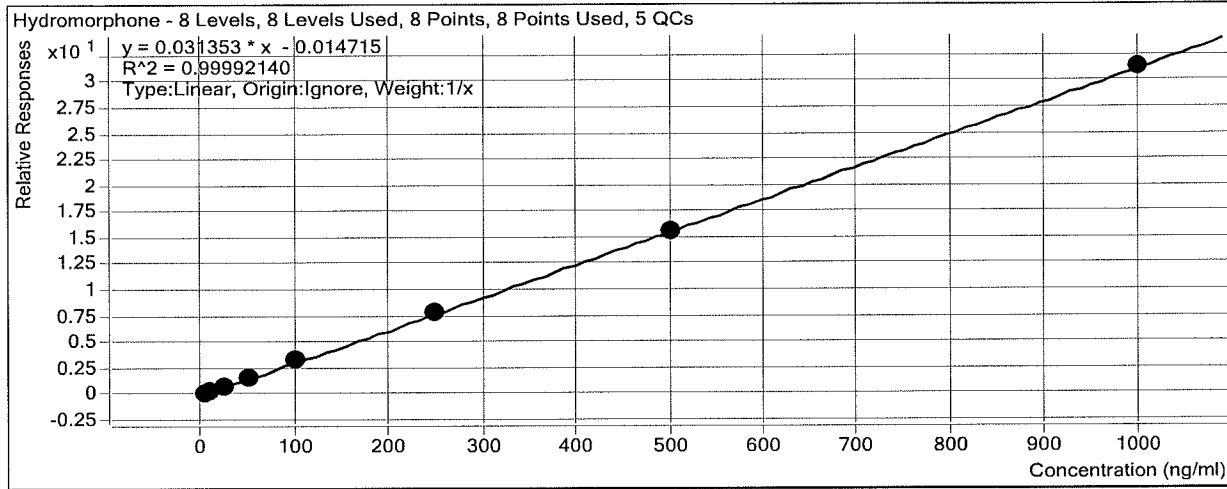
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a cal 2	2	<input checked="" type="checkbox"/>	10	9.4	94.4
a cal 2	2	<input checked="" type="checkbox"/>	10	9.4	94.4
b QC 10	2	<input checked="" type="checkbox"/>	10	7.4	73.9
a cal 3	3	<input checked="" type="checkbox"/>	25	25.7	103.0
a cal 4	4	<input checked="" type="checkbox"/>	50	52.3	104.5
a cal 5	5	<input checked="" type="checkbox"/>	100	106.8	106.8
a qc 100	5	<input checked="" type="checkbox"/>	100	90.3	90.3
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	106.1	106.1
a cal 6	6	<input checked="" type="checkbox"/>	250	271.0	108.4
a QC 250	6	<input checked="" type="checkbox"/>	250	232.4	92.9
a cal 7	7	<input checked="" type="checkbox"/>	500	499.1	99.8
a cal 8	8	<input checked="" type="checkbox"/>	1000	971.3	97.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1079.7	108.0

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	5.1	101.2
a cal 2	2	<input checked="" type="checkbox"/>	10	9.8	97.6
a cal 2	2	<input checked="" type="checkbox"/>	10	9.8	97.6
b QC 10	2	<input type="checkbox"/>	10	9.6	96.0
a cal 3	3	<input checked="" type="checkbox"/>	25	24.7	98.8
a cal 4	4	<input checked="" type="checkbox"/>	50	49.8	99.6
a cal 5	5	<input checked="" type="checkbox"/>	100	102.5	102.5
a qc 100	5	<input checked="" type="checkbox"/>	100	96.9	96.9
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	101.1	101.1
a cal 6	6	<input checked="" type="checkbox"/>	250	253.1	101.2
a QC 250	6	<input checked="" type="checkbox"/>	250	256.5	102.6
a cal 7	7	<input checked="" type="checkbox"/>	500	496.2	99.2
a cal 8	8	<input checked="" type="checkbox"/>	1000	998.9	99.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1025.1	102.5

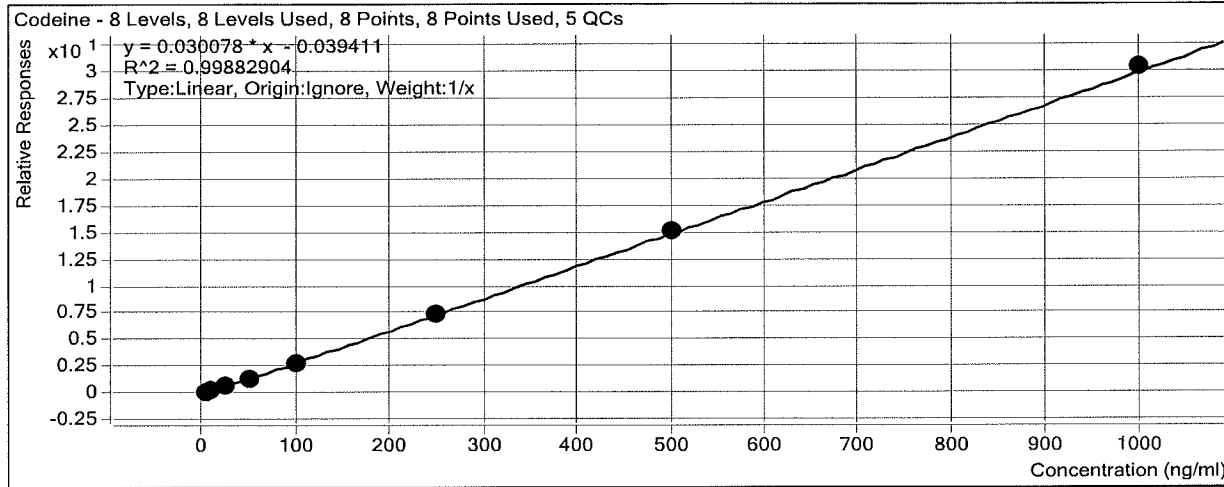


# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



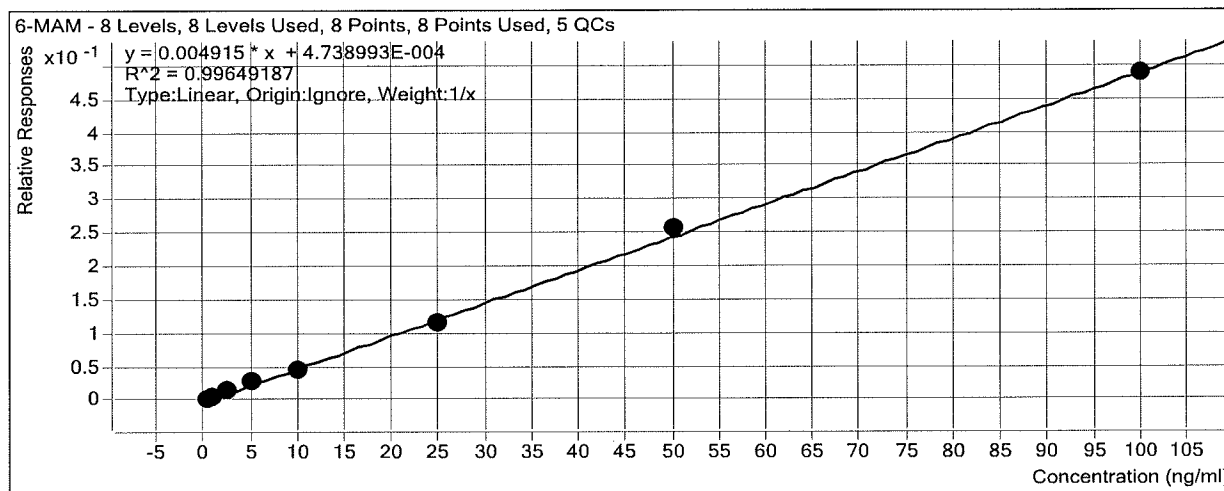
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a cal 1	1	<input checked="" type="checkbox"/>	5	5.6	112.2
a cal 2	2	<input checked="" type="checkbox"/>	10	11.7	117.2
a cal 2	2	<input checked="" type="checkbox"/>	10	11.7	117.2
b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	95.9
a cal 3	3	<input checked="" type="checkbox"/>	25	21.9	87.5
a cal 4	4	<input checked="" type="checkbox"/>	50	44.6	89.3
a cal 5	5	<input checked="" type="checkbox"/>	100	93.1	93.1
a qc 100	5	<input checked="" type="checkbox"/>	100	85.4	85.4
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	85.1	85.1
a cal 6	6	<input checked="" type="checkbox"/>	250	246.0	98.4
a QC 250	6	<input checked="" type="checkbox"/>	250	234.0	93.6
a cal 7	7	<input checked="" type="checkbox"/>	500	506.5	101.3
a cal 8	8	<input checked="" type="checkbox"/>	1000	1010.6	101.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	975.1	97.5

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



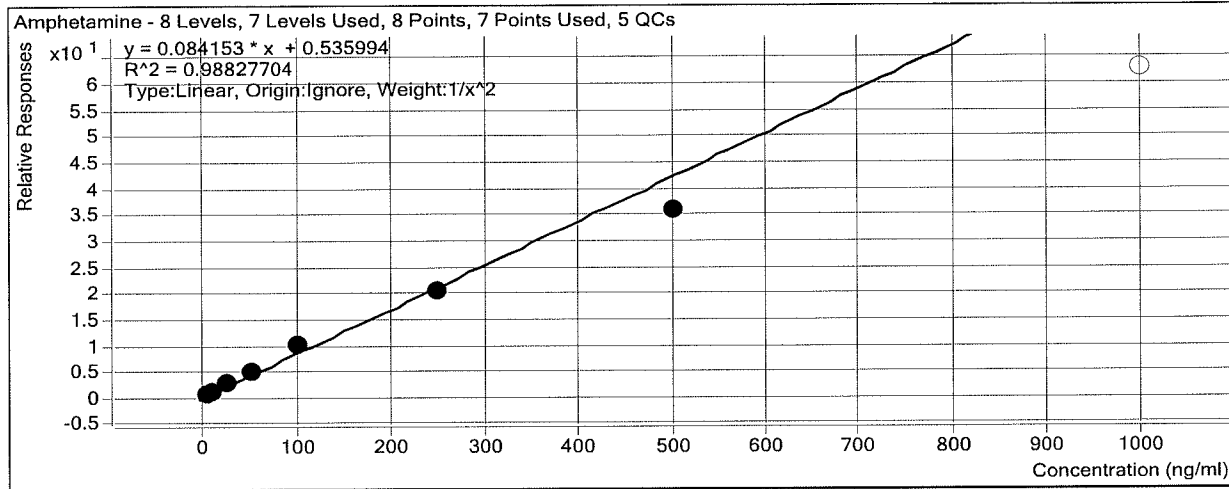
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a cal 2	2	<input checked="" type="checkbox"/>	1	0.8	75.4
a cal 2	2	<input checked="" type="checkbox"/>	1	0.8	75.4
b QC 10	2	<input type="checkbox"/>	1	1.0	100.4
a cal 3	3	<input checked="" type="checkbox"/>	2.5	3.1	123.8
a cal 4	4	<input checked="" type="checkbox"/>	5	5.8	116.9
a cal 5	5	<input checked="" type="checkbox"/>	10	9.2	92.0
a qc 100	5	<input checked="" type="checkbox"/>	10	9.8	97.9
a qc 100 2nd	5	<input checked="" type="checkbox"/>	10	9.9	99.4
a cal 6	6	<input checked="" type="checkbox"/>	25	23.3	93.2
a QC 250	6	<input checked="" type="checkbox"/>	25	26.9	107.4
a cal 7	7	<input checked="" type="checkbox"/>	50	52.1	104.2
a cal 8	8	<input checked="" type="checkbox"/>	100	99.2	99.2
a qc 1000	8	<input type="checkbox"/>	100	97.3	97.3

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	5.0	99.5
a cal 2	2	<input checked="" type="checkbox"/>	10	9.7	97.1
a cal 2	2	<input checked="" type="checkbox"/>	10	9.7	97.1
b QC 10	2	<input type="checkbox"/>	10	11.7	116.9
a cal 3	3	<input checked="" type="checkbox"/>	25	26.3	105.0
a cal 4	4	<input checked="" type="checkbox"/>	50	52.5	105.0
a cal 5	5	<input checked="" type="checkbox"/>	100	113.5	113.5
a qc 100	5	<input checked="" type="checkbox"/>	100	104.3	104.3
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	117.4	117.4
a cal 6	6	<input checked="" type="checkbox"/>	250	238.5	95.4
a QC 250	6	<input checked="" type="checkbox"/>	250	237.4	95.0
a cal 7	7	<input checked="" type="checkbox"/>	500	421.8	84.4
a cal 8	8	<input type="checkbox"/>	1000	740.7	74.1
a qc 1000	8	<input type="checkbox"/>	1000	733.4	73.3

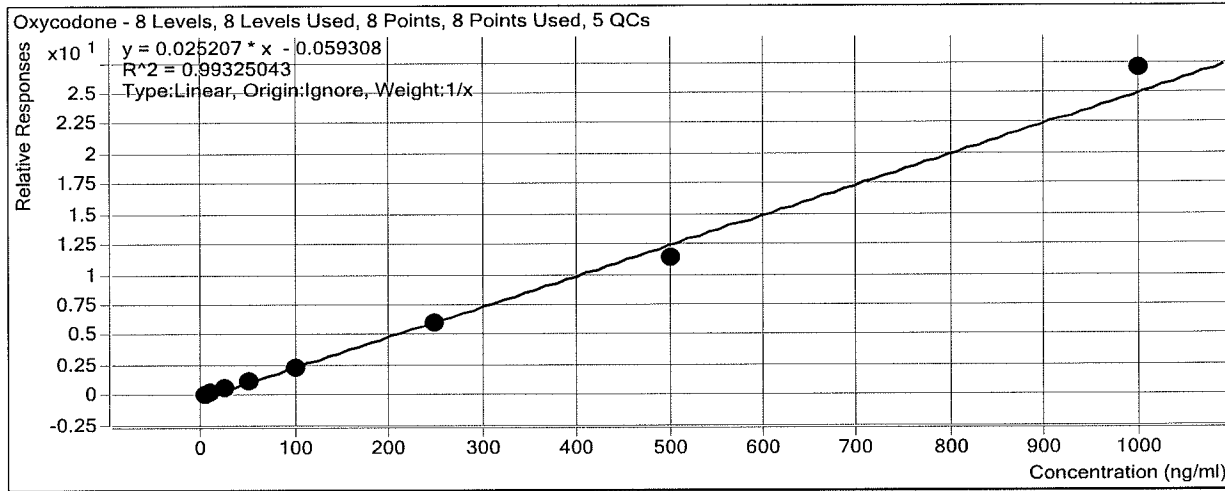
# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM

**Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	6.5	130.0
a cal 2	2	<input checked="" type="checkbox"/>	10	9.8	97.9
a cal 2	2	<input checked="" type="checkbox"/>	10	9.8	97.9
b QC 10	2	<input checked="" type="checkbox"/>	10	12.1	120.6
a cal 3	3	<input checked="" type="checkbox"/>	25	23.8	95.2
a cal 4	4	<input checked="" type="checkbox"/>	50	46.0	92.0
a cal 5	5	<input checked="" type="checkbox"/>	100	92.4	92.4
a qc 100	5	<input checked="" type="checkbox"/>	100	90.0	90.0
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	92.0	92.0
a cal 6	6	<input checked="" type="checkbox"/>	250	237.2	94.9
a QC 250	6	<input checked="" type="checkbox"/>	250	236.0	94.4
a cal 7	7	<input checked="" type="checkbox"/>	500	451.6	90.3
a cal 8	8	<input checked="" type="checkbox"/>	1000	1072.7	107.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1021.9	102.2

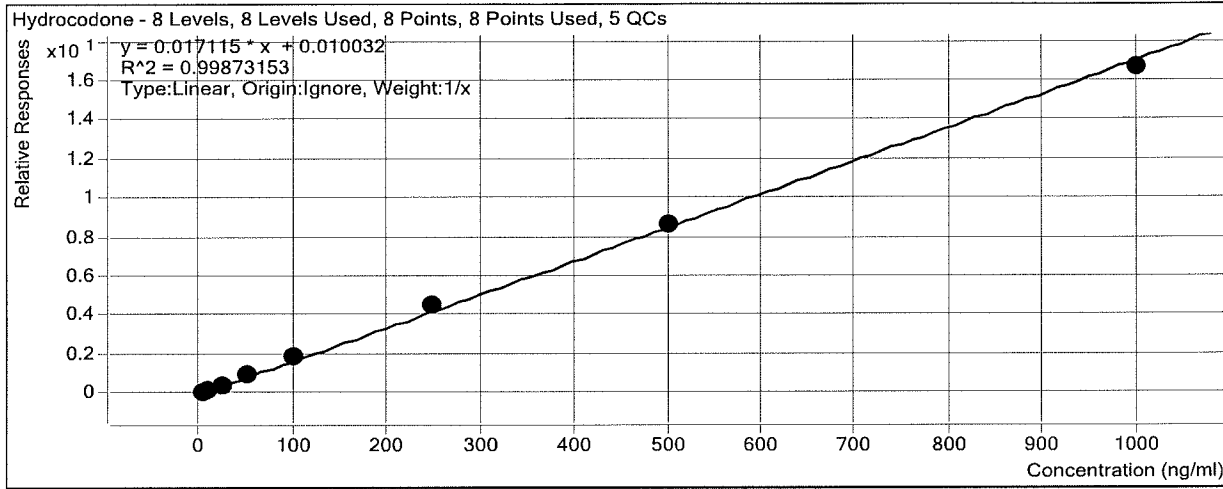
# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM

**Analyst Name** ISP TOX

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



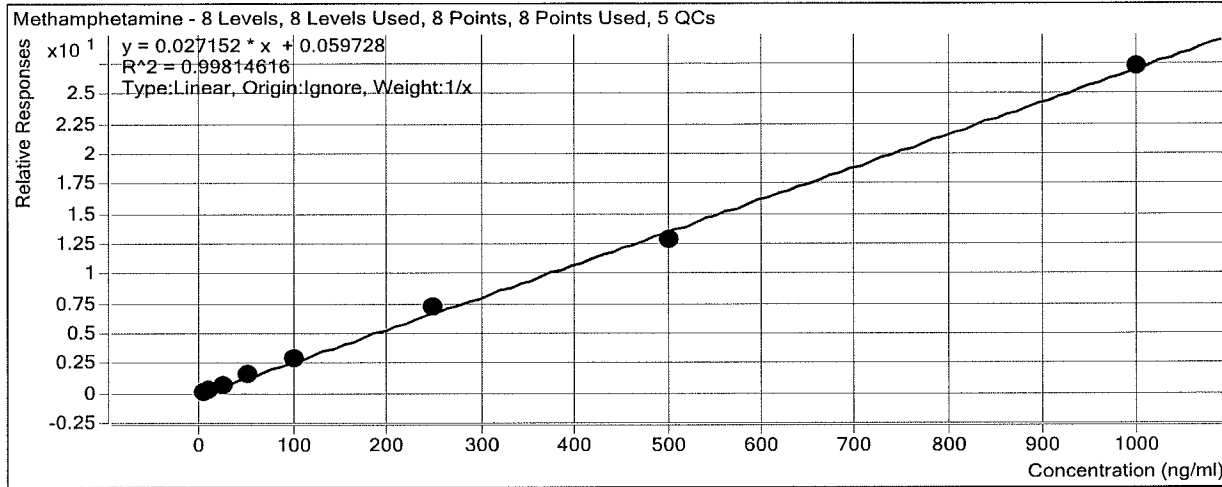
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a cal 2	2	<input checked="" type="checkbox"/>	10	9.9	99.1
a cal 2	2	<input checked="" type="checkbox"/>	10	9.9	99.1
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.4
a cal 3	3	<input checked="" type="checkbox"/>	25	24.4	97.4
a cal 4	4	<input checked="" type="checkbox"/>	50	52.9	105.7
a cal 5	5	<input checked="" type="checkbox"/>	100	106.2	106.2
a qc 100	5	<input checked="" type="checkbox"/>	100	108.2	108.2
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	110.1	110.1
a cal 6	6	<input checked="" type="checkbox"/>	250	263.1	105.3
a QC 250	6	<input checked="" type="checkbox"/>	250	272.2	108.9
a cal 7	7	<input checked="" type="checkbox"/>	500	507.5	101.5
a cal 8	8	<input checked="" type="checkbox"/>	1000	971.7	97.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1000.4	100.0

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



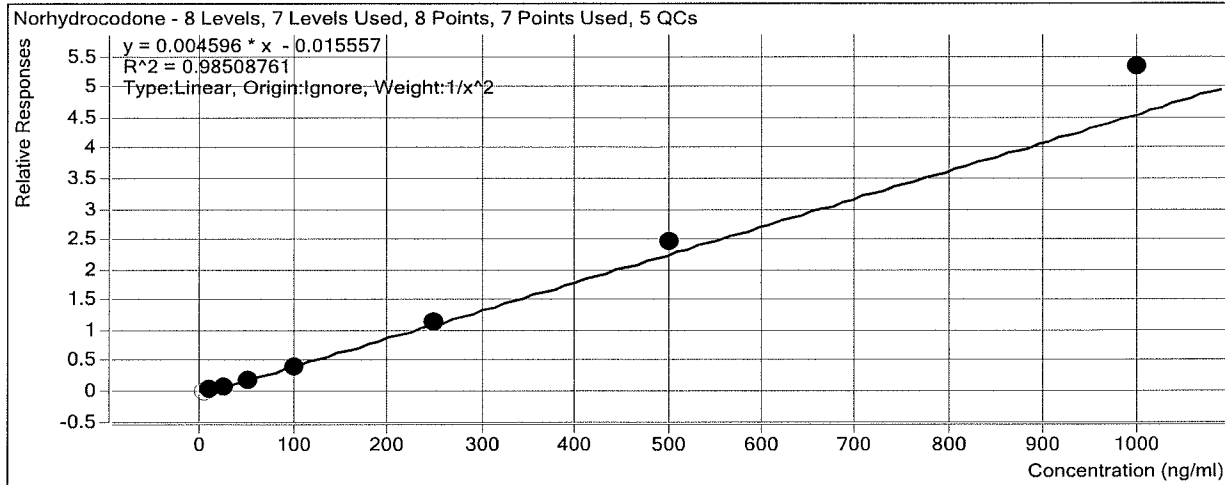
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
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a cal 2	2	<input checked="" type="checkbox"/>	10	9.7	97.1
a cal 2	2	<input checked="" type="checkbox"/>	10	9.7	97.1
b QC 10	2	<input checked="" type="checkbox"/>	10	8.6	86.4
a cal 3	3	<input checked="" type="checkbox"/>	25	25.1	100.3
a cal 4	4	<input checked="" type="checkbox"/>	50	54.1	108.2
a cal 5	5	<input checked="" type="checkbox"/>	100	105.8	105.8
a qc 100	5	<input checked="" type="checkbox"/>	100	97.4	97.4
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	106.1	106.1
a cal 6	6	<input checked="" type="checkbox"/>	250	266.6	106.6
a QC 250	6	<input checked="" type="checkbox"/>	250	265.1	106.1
a cal 7	7	<input checked="" type="checkbox"/>	500	473.3	94.7
a cal 8	8	<input checked="" type="checkbox"/>	1000	1001.1	100.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	905.4	90.5

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



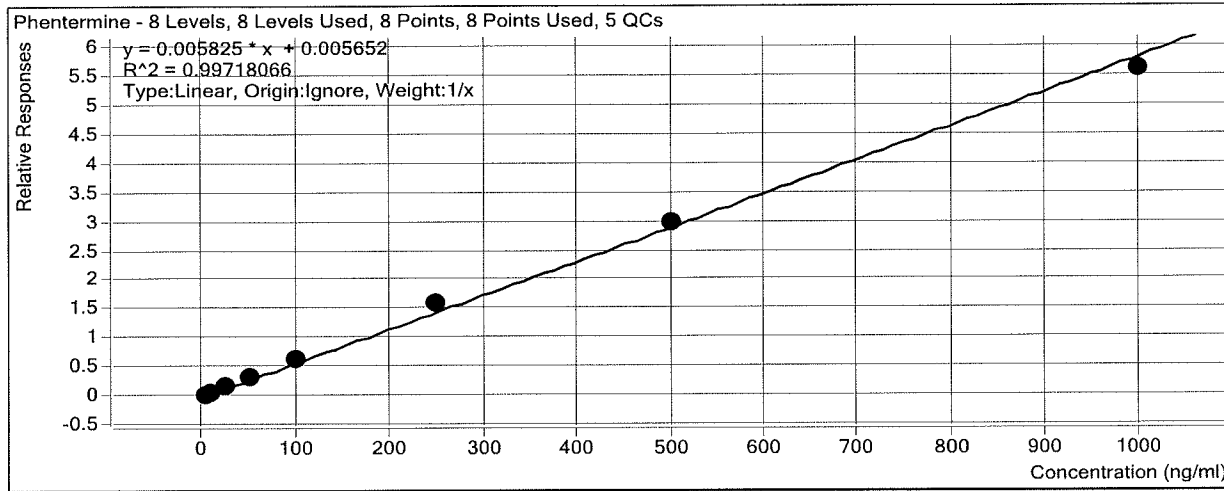
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a cal 2	2	<input checked="" type="checkbox"/>	10	10.6	106.5
a cal 2	2	<input checked="" type="checkbox"/>	10	10.6	106.5
b QC 10	2	<input type="checkbox"/>	10	11.3	113.1
a cal 3	3	<input checked="" type="checkbox"/>	25	22.7	90.9
a cal 4	4	<input checked="" type="checkbox"/>	50	44.9	89.8
a cal 5	5	<input checked="" type="checkbox"/>	100	89.3	89.3
a qc 100	5	<input checked="" type="checkbox"/>	100	92.5	92.5
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	95.6	95.6
a cal 6	6	<input checked="" type="checkbox"/>	250	249.0	99.6
a QC 250	6	<input checked="" type="checkbox"/>	250	260.6	104.2
a cal 7	7	<input checked="" type="checkbox"/>	500	539.0	107.8
a cal 8	8	<input checked="" type="checkbox"/>	1000	1162.1	116.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1178.3	117.8

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	4.3	85.6
a cal 2	2	<input checked="" type="checkbox"/>	10	8.9	89.2
a cal 2	2	<input checked="" type="checkbox"/>	10	8.9	89.2
b QC 10	2	<input type="checkbox"/>	10	9.4	93.7
a cal 3	3	<input checked="" type="checkbox"/>	25	25.2	100.8
a cal 4	4	<input checked="" type="checkbox"/>	50	55.1	110.2
a cal 5	5	<input checked="" type="checkbox"/>	100	108.5	108.5
a qc 100	5	<input checked="" type="checkbox"/>	100	104.2	104.2
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	110.1	110.1
a cal 6	6	<input checked="" type="checkbox"/>	250	270.0	108.0
a QC 250	6	<input checked="" type="checkbox"/>	250	269.1	107.6
a cal 7	7	<input checked="" type="checkbox"/>	500	509.7	101.9
a cal 8	8	<input checked="" type="checkbox"/>	1000	958.3	95.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1006.5	100.7



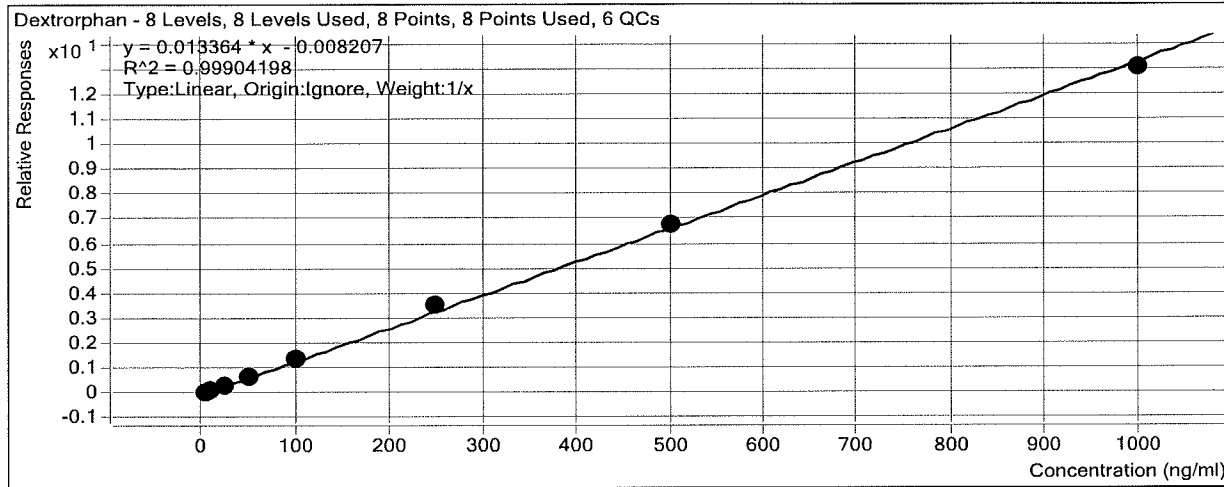
# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM

**Analyst Name** ISP TOX

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



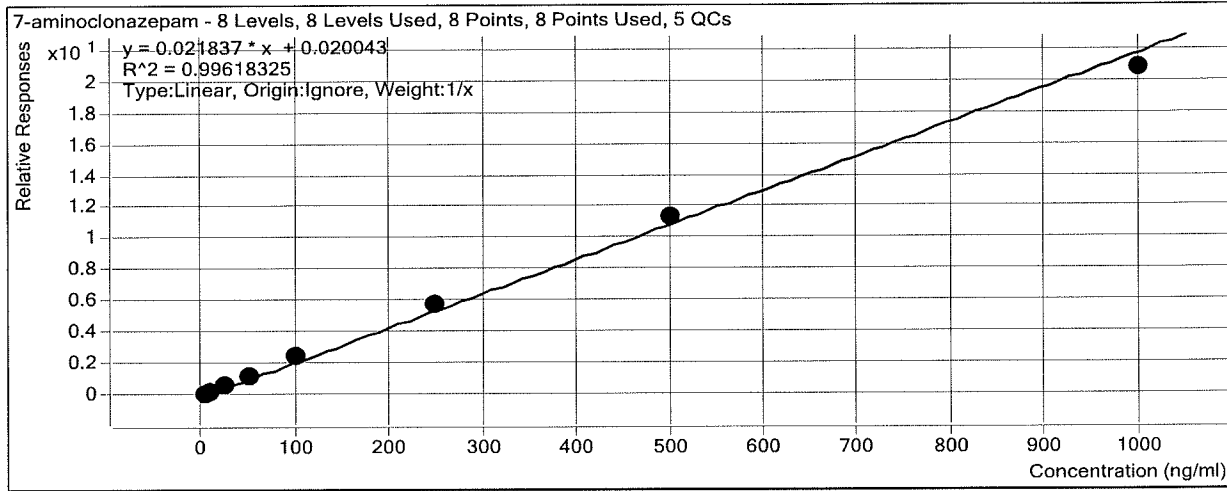
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	4.9	98.5
a cal 2	2	<input checked="" type="checkbox"/>	10	9.8	97.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	101.9
b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.7
a cal 3	3	<input checked="" type="checkbox"/>	25	23.6	94.6
a cal 4	4	<input checked="" type="checkbox"/>	50	50.0	99.9
a cal 5	5	<input checked="" type="checkbox"/>	100	104.8	104.8
a qc 100	5	<input checked="" type="checkbox"/>	100	103.8	103.8
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	104.2	104.2
a cal 6	6	<input checked="" type="checkbox"/>	250	262.7	105.1
a QC 250	6	<input checked="" type="checkbox"/>	250	265.3	106.1
a cal 7	7	<input checked="" type="checkbox"/>	500	508.6	101.7
a cal 8	8	<input checked="" type="checkbox"/>	1000	975.6	97.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1021.5	102.1

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	3.9	78.8
a cal 2	2	<input checked="" type="checkbox"/>	10	9.1	90.7
a cal 2	2	<input checked="" type="checkbox"/>	10	9.1	90.7
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	96.7
a cal 3	3	<input checked="" type="checkbox"/>	25	25.7	102.8
a cal 4	4	<input checked="" type="checkbox"/>	50	54.9	109.8
a cal 5	5	<input checked="" type="checkbox"/>	100	113.1	113.1
a qc 100	5	<input checked="" type="checkbox"/>	100	106.4	106.4
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	111.9	111.9
a cal 6	6	<input checked="" type="checkbox"/>	250	265.4	106.2
a QC 250	6	<input checked="" type="checkbox"/>	250	275.3	110.1
a cal 7	7	<input checked="" type="checkbox"/>	500	518.8	103.8
a cal 8	8	<input checked="" type="checkbox"/>	1000	949.0	94.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	989.8	99.0

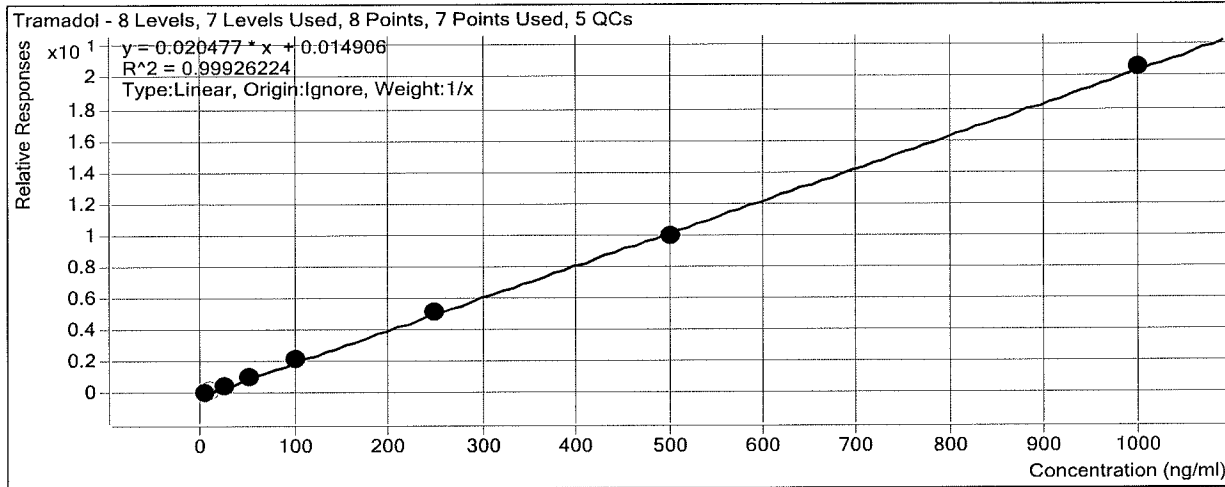
# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM

**Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	4.6	92.4
a cal 2	2	<input type="checkbox"/>	10	9.6	95.6
a cal 2	2	<input type="checkbox"/>	10	9.6	95.6
b QC 10	2	<input type="checkbox"/>	10	10.0	100.5
a cal 3	3	<input checked="" type="checkbox"/>	25	24.8	99.0
a cal 4	4	<input checked="" type="checkbox"/>	50	50.9	101.9
a cal 5	5	<input checked="" type="checkbox"/>	100	107.9	107.9
a qc 100	5	<input checked="" type="checkbox"/>	100	103.3	103.3
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	99.9	99.9
a cal 6	6	<input checked="" type="checkbox"/>	250	254.3	101.7
a QC 250	6	<input checked="" type="checkbox"/>	250	256.5	102.6
a cal 7	7	<input checked="" type="checkbox"/>	500	483.6	96.7
a cal 8	8	<input checked="" type="checkbox"/>	1000	1003.9	100.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1019.5	102.0

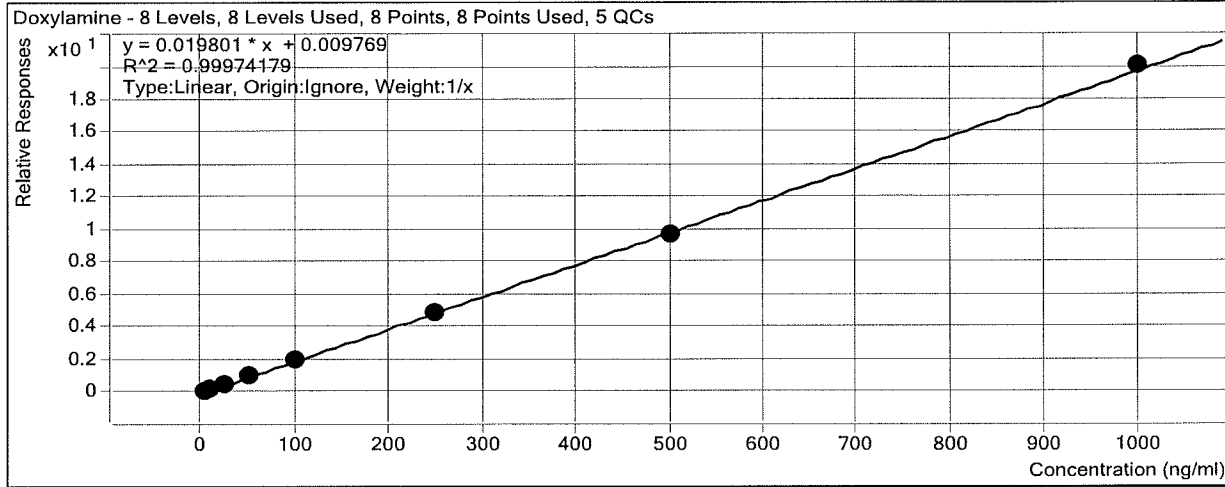
# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM

**Analyst Name** ISP TOX

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



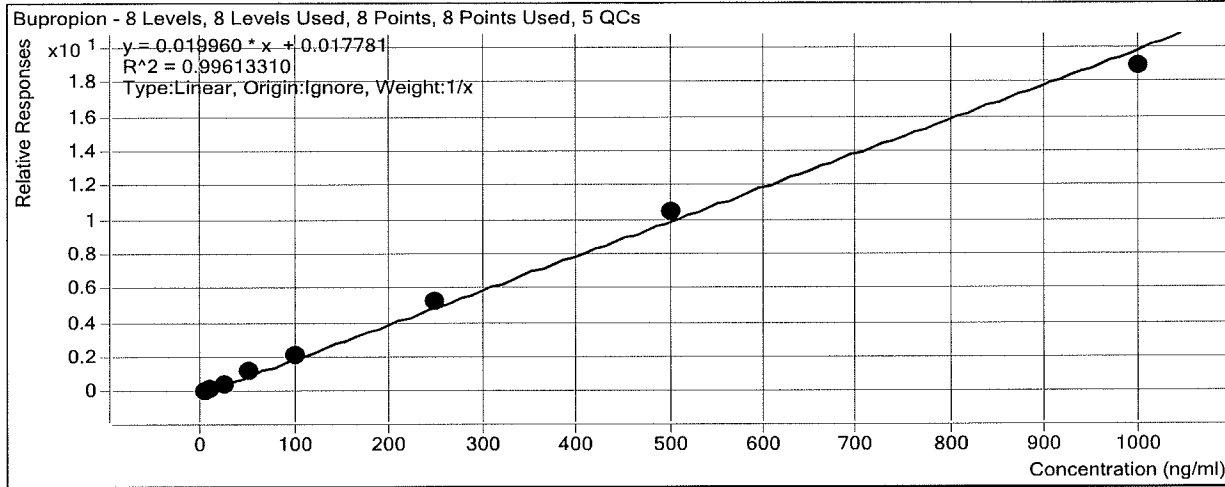
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	4.8	96.0
a cal 2	2	<input checked="" type="checkbox"/>	10	9.8	98.3
a cal 2	2	<input checked="" type="checkbox"/>	10	9.8	98.3
b QC 10	2	<input checked="" type="checkbox"/>	10	9.3	93.3
a cal 3	3	<input checked="" type="checkbox"/>	25	26.1	104.2
a cal 4	4	<input checked="" type="checkbox"/>	50	51.4	102.8
a cal 5	5	<input checked="" type="checkbox"/>	100	100.4	100.4
a qc 100	5	<input checked="" type="checkbox"/>	100	106.2	106.2
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	113.7	113.7
a cal 6	6	<input checked="" type="checkbox"/>	250	248.5	99.4
a QC 250	6	<input checked="" type="checkbox"/>	250	265.0	106.0
a cal 7	7	<input checked="" type="checkbox"/>	500	488.9	97.8
a cal 8	8	<input checked="" type="checkbox"/>	1000	1010.2	101.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	969.8	97.0

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	4.1	82.4
a cal 2	2	<input checked="" type="checkbox"/>	10	9.4	93.8
a cal 2	2	<input checked="" type="checkbox"/>	10	9.4	93.8
b QC 10	2	<input checked="" type="checkbox"/>	10	8.7	86.7
a cal 3	3	<input checked="" type="checkbox"/>	25	24.2	96.8
a cal 4	4	<input checked="" type="checkbox"/>	50	57.0	114.1
a cal 5	5	<input checked="" type="checkbox"/>	100	107.3	107.3
a qc 100	5	<input checked="" type="checkbox"/>	100	107.5	107.5
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	95.6	95.6
a cal 6	6	<input checked="" type="checkbox"/>	250	263.8	105.5
a QC 250	6	<input checked="" type="checkbox"/>	250	262.2	104.9
a cal 7	7	<input checked="" type="checkbox"/>	500	527.6	105.5
a cal 8	8	<input checked="" type="checkbox"/>	1000	946.6	94.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	970.0	97.0

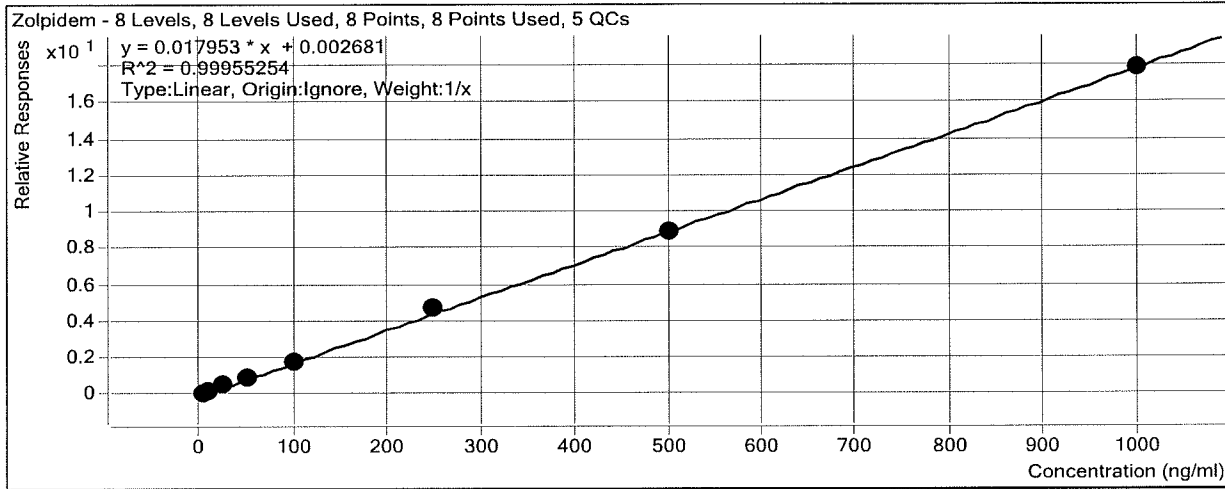
# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM

**Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	4.9	97.8
a cal 2	2	<input checked="" type="checkbox"/>	10	9.5	95.4
a cal 2	2	<input checked="" type="checkbox"/>	10	9.5	95.4
b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	95.8
a cal 3	3	<input checked="" type="checkbox"/>	25	26.7	106.9
a cal 4	4	<input checked="" type="checkbox"/>	50	48.7	97.5
a cal 5	5	<input checked="" type="checkbox"/>	100	99.5	99.5
a qc 100	5	<input checked="" type="checkbox"/>	100	102.3	102.3
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	107.8	107.8
a cal 6	6	<input checked="" type="checkbox"/>	250	261.5	104.6
a QC 250	6	<input checked="" type="checkbox"/>	250	267.3	106.9
a cal 7	7	<input checked="" type="checkbox"/>	500	494.6	98.9
a cal 8	8	<input checked="" type="checkbox"/>	1000	994.6	99.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	965.8	96.6

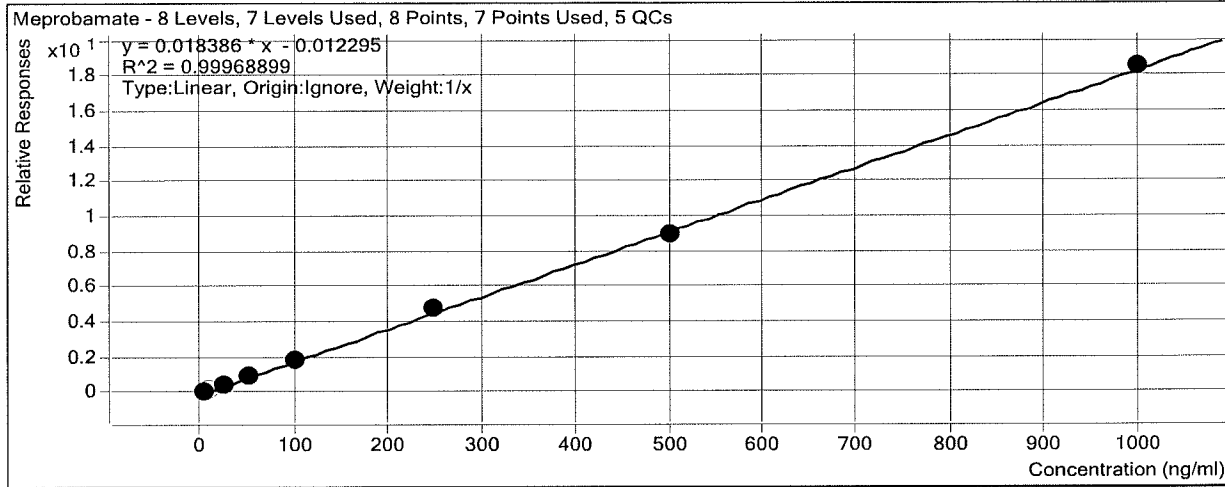
# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM

**Analyst Name** ISP TOX

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



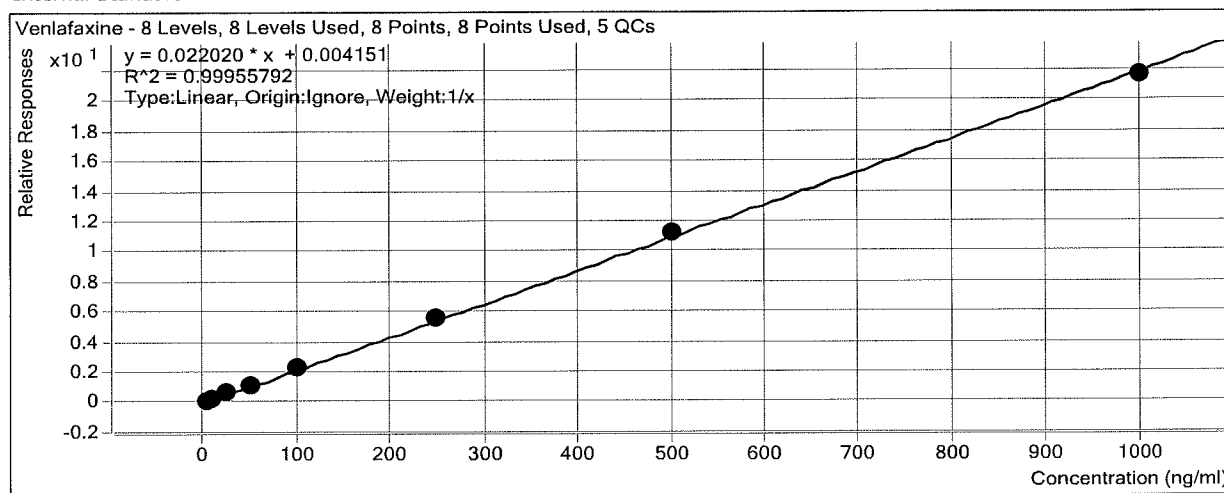
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	5.3	106.9
a cal 2	2	<input type="checkbox"/>	10	9.3	93.1
a cal 2	2	<input type="checkbox"/>	10	9.3	93.1
b QC 10	2	<input type="checkbox"/>	10	9.3	93.1
a cal 3	3	<input checked="" type="checkbox"/>	25	23.9	95.4
a cal 4	4	<input checked="" type="checkbox"/>	50	49.2	98.5
a cal 5	5	<input checked="" type="checkbox"/>	100	97.6	97.6
a qc 100	5	<input checked="" type="checkbox"/>	100	98.2	98.2
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	103.3	103.3
a cal 6	6	<input checked="" type="checkbox"/>	250	257.1	102.8
a QC 250	6	<input checked="" type="checkbox"/>	250	265.4	106.2
a cal 7	7	<input checked="" type="checkbox"/>	500	491.0	98.2
a cal 8	8	<input checked="" type="checkbox"/>	1000	1005.9	100.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	969.9	97.0

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	4.7	94.7
a cal 2	2	<input checked="" type="checkbox"/>	10	9.4	94.1
a cal 2	2	<input checked="" type="checkbox"/>	10	9.4	94.1
b QC 10	2	<input checked="" type="checkbox"/>	10	9.2	91.8
a cal 3	3	<input checked="" type="checkbox"/>	25	25.9	103.4
a cal 4	4	<input checked="" type="checkbox"/>	50	52.5	105.0
a cal 5	5	<input checked="" type="checkbox"/>	100	100.8	100.8
a qc 100	5	<input checked="" type="checkbox"/>	100	100.7	100.7
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	104.4	104.4
a cal 6	6	<input checked="" type="checkbox"/>	250	254.3	101.7
a QC 250	6	<input checked="" type="checkbox"/>	250	252.6	101.0
a cal 7	7	<input checked="" type="checkbox"/>	500	509.8	102.0
a cal 8	8	<input checked="" type="checkbox"/>	1000	982.6	98.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	993.4	99.3

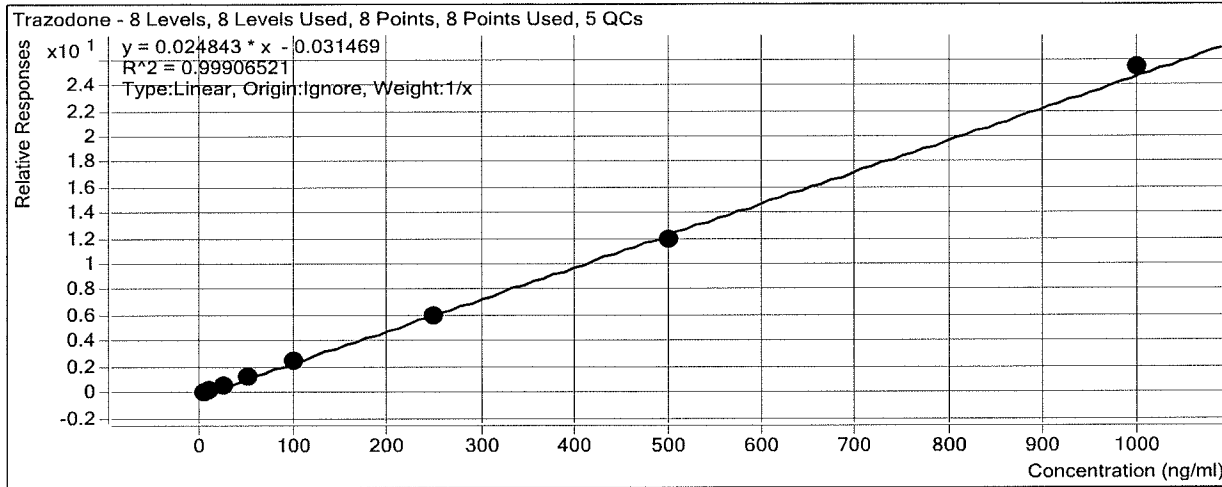


# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



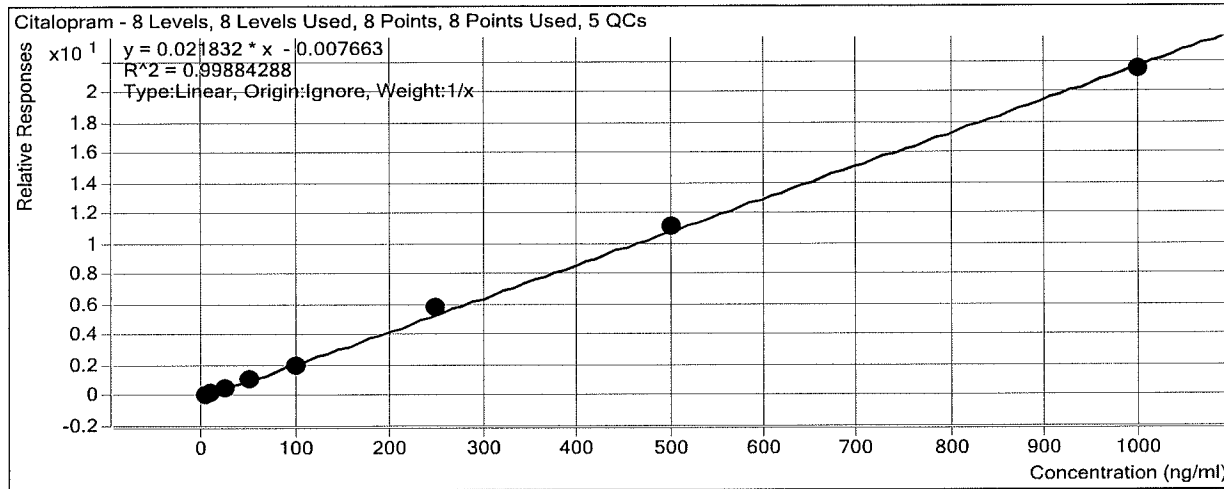
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	5.5	109.6
a cal 2	2	<input checked="" type="checkbox"/>	10	9.4	93.8
a cal 2	2	<input checked="" type="checkbox"/>	10	9.4	93.8
b QC 10	2	<input checked="" type="checkbox"/>	10	10.9	108.7
a cal 3	3	<input checked="" type="checkbox"/>	25	23.4	93.8
a cal 4	4	<input checked="" type="checkbox"/>	50	52.1	104.2
a cal 5	5	<input checked="" type="checkbox"/>	100	103.2	103.2
a qc 100	5	<input checked="" type="checkbox"/>	100	103.1	103.1
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	97.5	97.5
a cal 6	6	<input checked="" type="checkbox"/>	250	241.4	96.5
a QC 250	6	<input checked="" type="checkbox"/>	250	255.0	102.0
a cal 7	7	<input checked="" type="checkbox"/>	500	483.7	96.7
a cal 8	8	<input checked="" type="checkbox"/>	1000	1021.3	102.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	908.9	90.9

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	5.1	102.2
a cal 2	2	<input checked="" type="checkbox"/>	10	10.2	102.1
a cal 2	2	<input checked="" type="checkbox"/>	10	10.2	102.1
b QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.2
a cal 3	3	<input checked="" type="checkbox"/>	25	24.2	96.8
a cal 4	4	<input checked="" type="checkbox"/>	50	49.9	99.8
a cal 5	5	<input checked="" type="checkbox"/>	100	92.5	92.5
a qc 100	5	<input checked="" type="checkbox"/>	100	99.9	99.9
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	103.6	103.6
a cal 6	6	<input checked="" type="checkbox"/>	250	266.1	106.4
a QC 250	6	<input checked="" type="checkbox"/>	250	260.7	104.3
a cal 7	7	<input checked="" type="checkbox"/>	500	508.6	101.7
a cal 8	8	<input checked="" type="checkbox"/>	1000	983.3	98.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1010.1	101.0

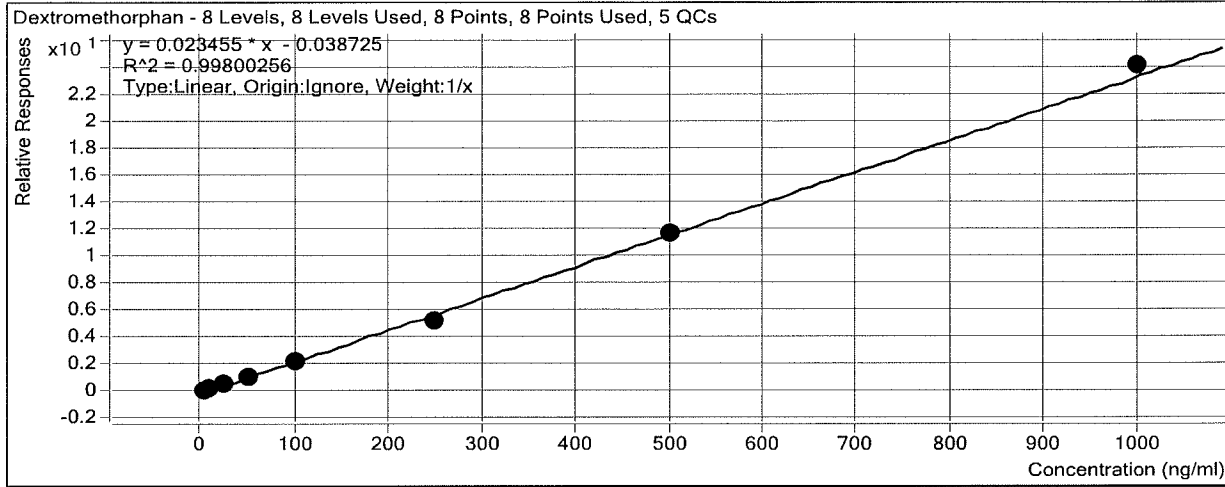
# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM

**Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	6.1	122.2
a cal 2	2	<input checked="" type="checkbox"/>	10	9.6	95.5
a cal 2	2	<input checked="" type="checkbox"/>	10	9.6	95.5
b QC 10	2	<input checked="" type="checkbox"/>	10	12.9	128.5
a cal 3	3	<input checked="" type="checkbox"/>	25	23.8	95.2
a cal 4	4	<input checked="" type="checkbox"/>	50	48.7	97.5
a cal 5	5	<input checked="" type="checkbox"/>	100	96.1	96.1
a qc 100	5	<input checked="" type="checkbox"/>	100	91.7	91.7
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	96.4	96.4
a cal 6	6	<input checked="" type="checkbox"/>	250	226.7	90.7
a QC 250	6	<input checked="" type="checkbox"/>	250	253.0	101.2
a cal 7	7	<input checked="" type="checkbox"/>	500	499.8	100.0
a cal 8	8	<input checked="" type="checkbox"/>	1000	1029.2	102.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1006.9	100.7

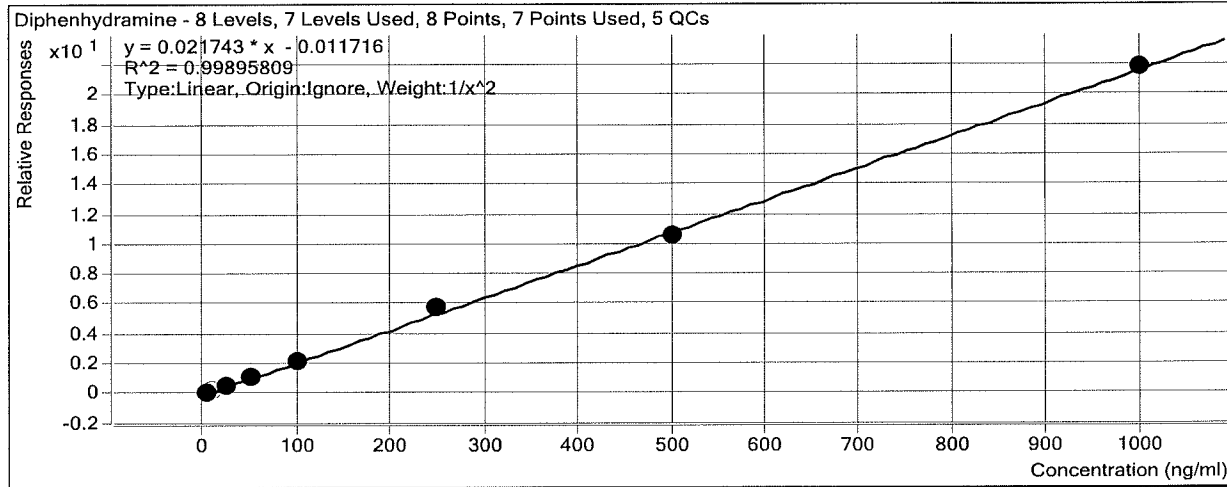
# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM

**Analyst Name** ISP TOX

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



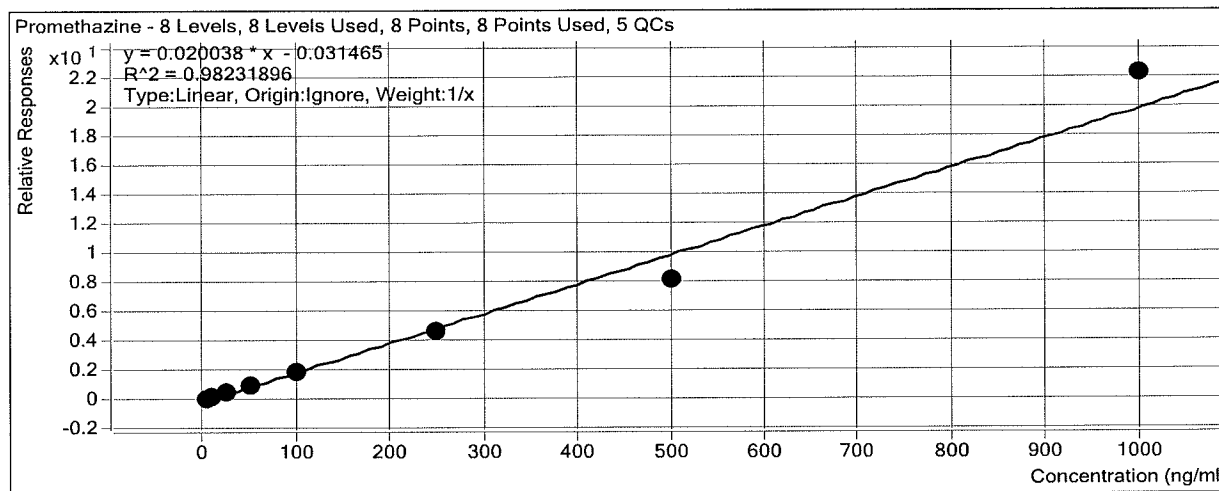
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	5.0	100.6
a cal 2	2	<input type="checkbox"/>	10	11.4	114.4
a cal 2	2	<input type="checkbox"/>	10	11.4	114.4
b QC 10	2	<input type="checkbox"/>	10	10.2	102.4
a cal 3	3	<input checked="" type="checkbox"/>	25	24.3	97.0
a cal 4	4	<input checked="" type="checkbox"/>	50	50.0	100.0
a cal 5	5	<input checked="" type="checkbox"/>	100	98.9	98.9
a qc 100	5	<input checked="" type="checkbox"/>	100	100.4	100.4
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	100.3	100.3
a cal 6	6	<input checked="" type="checkbox"/>	250	265.0	106.0
a QC 250	6	<input checked="" type="checkbox"/>	250	219.7	87.9
a cal 7	7	<input checked="" type="checkbox"/>	500	486.0	97.2
a cal 8	8	<input checked="" type="checkbox"/>	1000	1003.2	100.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	829.3	82.9

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



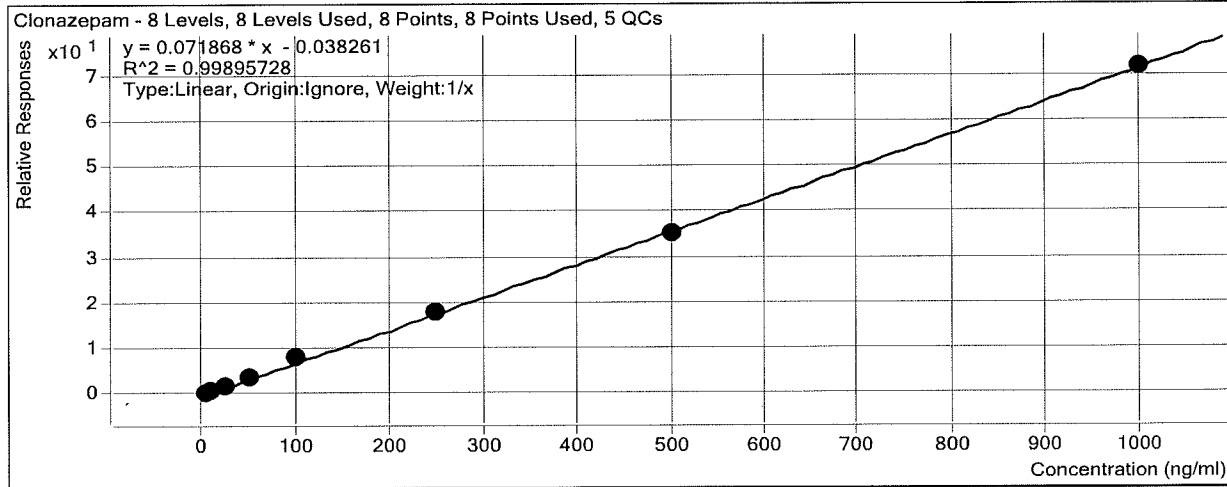
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	5.8	115.7
a cal 2	2	<input checked="" type="checkbox"/>	10	10.4	104.0
a cal 2	2	<input checked="" type="checkbox"/>	10	10.4	104.0
b QC 10	2	<input checked="" type="checkbox"/>	10	11.3	112.7
a cal 3	3	<input checked="" type="checkbox"/>	25	25.8	103.2
a cal 4	4	<input checked="" type="checkbox"/>	50	47.2	94.3
a cal 5	5	<input checked="" type="checkbox"/>	100	96.6	96.6
a qc 100	5	<input checked="" type="checkbox"/>	100	98.6	98.6
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	96.2	96.2
a cal 6	6	<input checked="" type="checkbox"/>	250	233.4	93.3
a QC 250	6	<input checked="" type="checkbox"/>	250	245.9	98.4
a cal 7	7	<input checked="" type="checkbox"/>	500	406.9	81.4
a cal 8	8	<input checked="" type="checkbox"/>	1000	1114.0	111.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	925.8	92.6

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



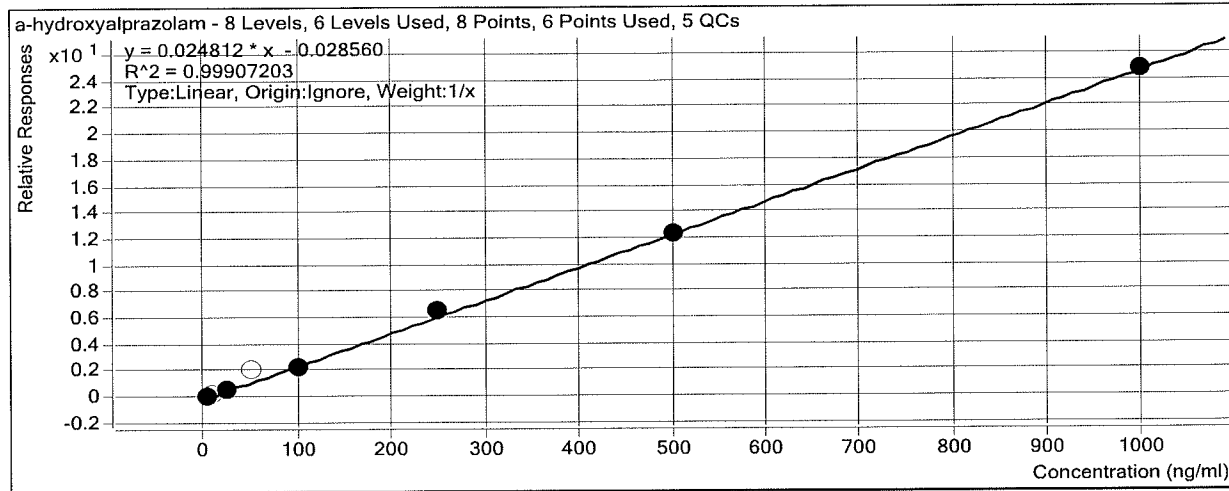
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	5.7	113.5
a cal 2	2	<input checked="" type="checkbox"/>	10	8.8	87.9
a cal 2	2	<input checked="" type="checkbox"/>	10	8.8	87.9
b QC 10	2	<input checked="" type="checkbox"/>	10	10.7	106.7
a cal 3	3	<input checked="" type="checkbox"/>	25	22.4	89.6
a cal 4	4	<input checked="" type="checkbox"/>	50	49.5	98.9
a cal 5	5	<input checked="" type="checkbox"/>	100	111.2	111.2
a qc 100	5	<input checked="" type="checkbox"/>	100	111.3	111.3
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	105.7	105.7
a cal 6	6	<input checked="" type="checkbox"/>	250	250.9	100.3
a QC 250	6	<input checked="" type="checkbox"/>	250	261.8	104.7
a cal 7	7	<input checked="" type="checkbox"/>	500	494.1	98.8
a cal 8	8	<input checked="" type="checkbox"/>	1000	997.5	99.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	966.4	96.6

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



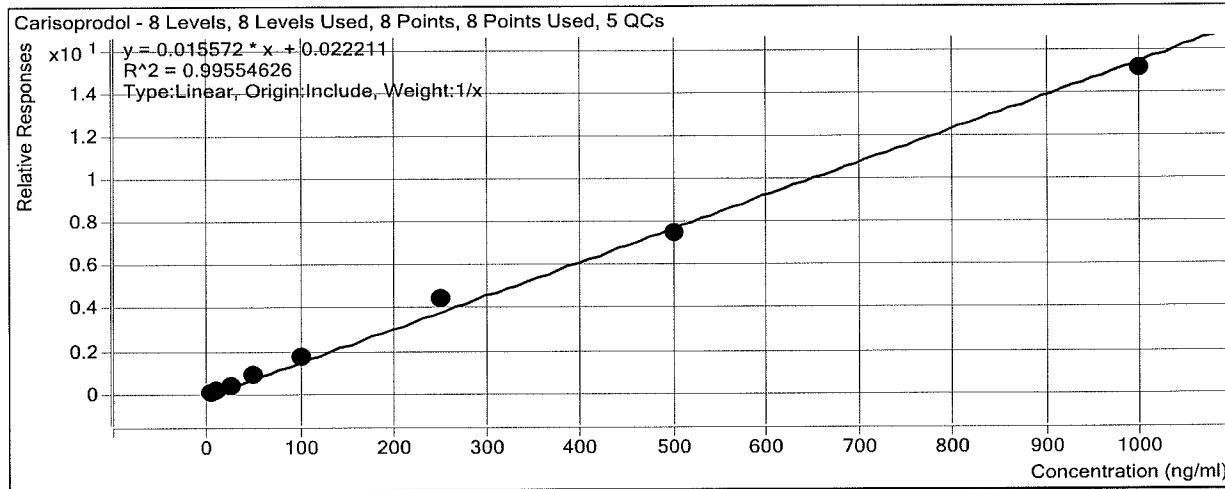
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	5.3	106.8
a cal 2	2	<input type="checkbox"/>	10	9.7	97.2
a cal 2	2	<input type="checkbox"/>	10	9.7	97.2
b QC 10	2	<input type="checkbox"/>	10	11.7	116.9
a cal 3	3	<input checked="" type="checkbox"/>	25	24.2	96.6
a cal 4	4	<input type="checkbox"/>	50	83.6	167.3
a cal 5	5	<input checked="" type="checkbox"/>	100	91.7	91.7
a qc 100	5	<input checked="" type="checkbox"/>	100	121.0	121.0
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	94.2	94.2
a cal 6	6	<input checked="" type="checkbox"/>	250	264.6	105.8
a QC 250	6	<input checked="" type="checkbox"/>	250	262.2	104.9
a cal 7	7	<input checked="" type="checkbox"/>	500	496.5	99.3
a cal 8	8	<input checked="" type="checkbox"/>	1000	997.7	99.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1073.8	107.4

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	4.0	79.7
a cal 2	2	<input checked="" type="checkbox"/>	10	9.5	95.3
a cal 2	2	<input checked="" type="checkbox"/>	10	9.5	95.3
b QC 10	2	<input type="checkbox"/>	10	9.2	91.6
a cal 3	3	<input checked="" type="checkbox"/>	25	25.4	101.6
a cal 4	4	<input checked="" type="checkbox"/>	50	53.3	106.6
a cal 5	5	<input checked="" type="checkbox"/>	100	109.0	109.0
a qc 100	5	<input checked="" type="checkbox"/>	100	112.5	112.5
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	110.3	110.3
a cal 6	6	<input checked="" type="checkbox"/>	250	285.9	114.4
a QC 250	6	<input checked="" type="checkbox"/>	250	261.3	104.5
a cal 7	7	<input checked="" type="checkbox"/>	500	482.0	96.4
a cal 8	8	<input checked="" type="checkbox"/>	1000	970.9	97.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1120.1	112.0

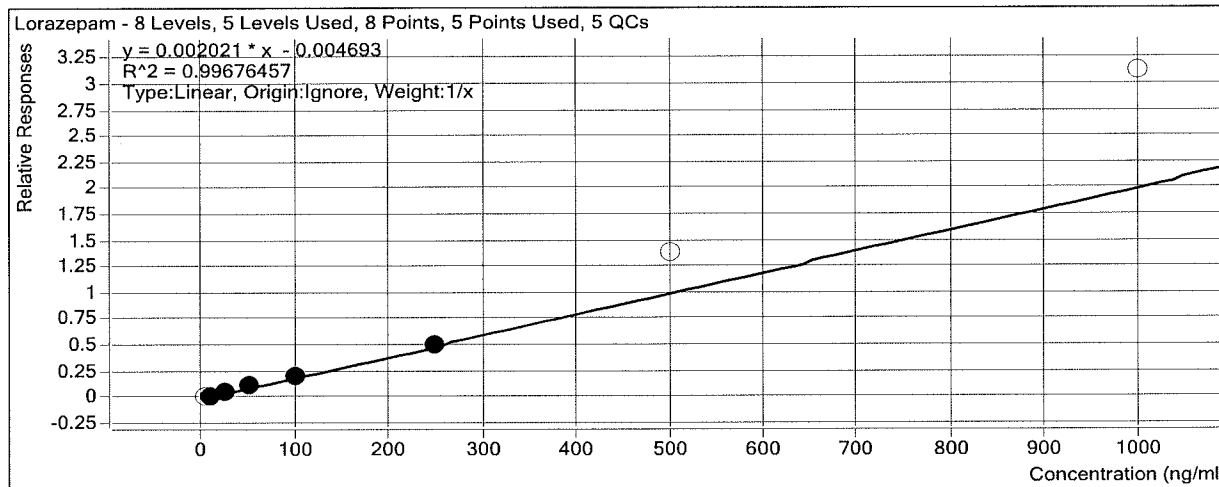


# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



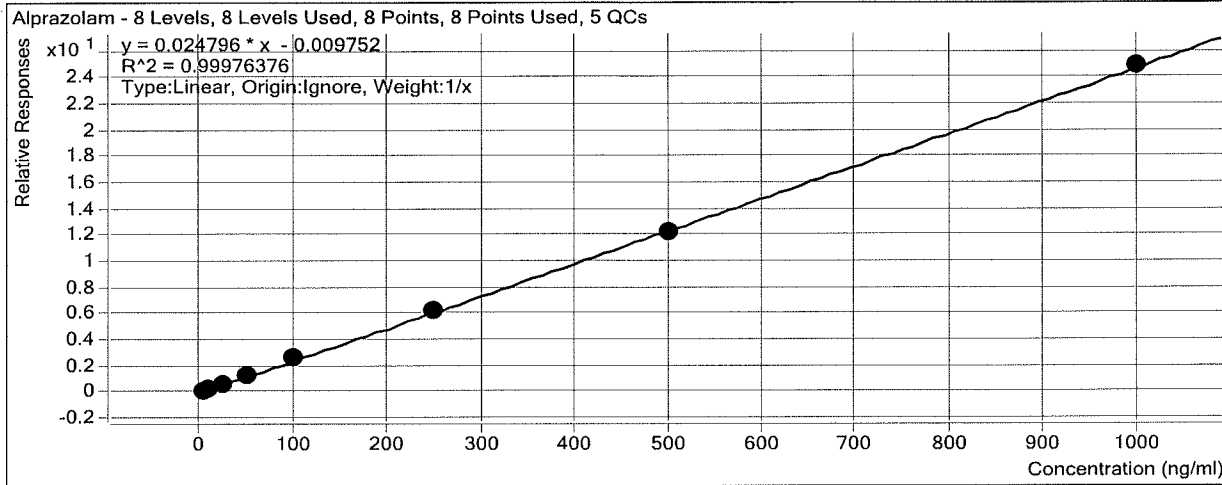
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input type="checkbox"/>	5	8.3	165.9
a cal 2	2	<input checked="" type="checkbox"/>	10	8.3	83.2
a cal 2	2	<input checked="" type="checkbox"/>	10	8.3	83.2
b QC 10	2	<input type="checkbox"/>	10	11.0	109.6
a cal 3	3	<input checked="" type="checkbox"/>	25	28.2	112.6
a cal 4	4	<input checked="" type="checkbox"/>	50	53.1	106.2
a cal 5	5	<input checked="" type="checkbox"/>	100	99.7	99.7
a qc 100	5	<input checked="" type="checkbox"/>	100	106.6	106.6
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	109.1	109.1
a cal 6	6	<input checked="" type="checkbox"/>	250	245.8	98.3
a QC 250	6	<input checked="" type="checkbox"/>	250	312.1	124.8
a cal 7	7	<input type="checkbox"/>	500	689.9	138.0
a cal 8	8	<input type="checkbox"/>	1000	1547.2	154.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1558.0	155.8

# ISP Forensics Calibration Curve Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin

**Last Calib Update** 3/2/2017 2:16 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1	1	<input checked="" type="checkbox"/>	5	4.9	98.8
a cal 2	2	<input checked="" type="checkbox"/>	10	9.8	98.5
a cal 2	2	<input checked="" type="checkbox"/>	10	9.8	98.5
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	97.6
a cal 3	3	<input checked="" type="checkbox"/>	25	24.3	97.3
a cal 4	4	<input checked="" type="checkbox"/>	50	50.7	101.4
a cal 5	5	<input checked="" type="checkbox"/>	100	104.6	104.6
a qc 100	5	<input checked="" type="checkbox"/>	100	102.2	102.2
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	107.8	107.8
a cal 6	6	<input checked="" type="checkbox"/>	250	252.5	101.0
a QC 250	6	<input checked="" type="checkbox"/>	250	267.6	107.0
a cal 7	7	<input checked="" type="checkbox"/>	500	491.3	98.3
a cal 8	8	<input checked="" type="checkbox"/>	1000	1001.8	100.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1050.0	105.0

# ISP FORENSICS - Cd'A Instrument # 62340

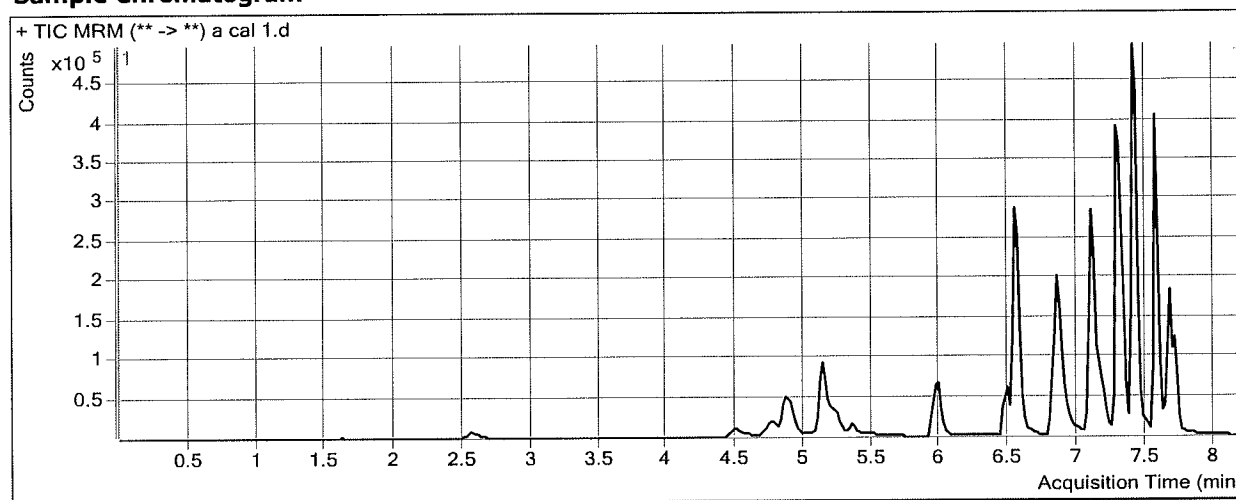
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin  
**Analysis Time** 3/2/2017 2:16 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 2:21 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 2:16 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 16:14 **Data File** a cal 1.d  
**Sample Type** Calibration **Sample Name** a cal 1  
**Dilution** 1 **Acq Method** Quant Panel 1a 11-18-2016.m  
**Position** P1-A1 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.631	1403	2998	0.4678	4.2961
Hydromorphone	Hydromorphone-D6	2.588	5778	40140	0.1439	5.0602
Codeine	Codeine-D6	4.552	2680	20716	0.1294	5.6120
6-MAM	6-MAM-D6	4.687	106	37505	0.0028	0.4762
Amphetamine	Amphetamine-D11	4.904	76701	80346	0.9546	4.9748
Oxycodone	Oxycodone-D6	4.910	14537	139039	0.1046	6.5007
Hydrocodone	Hydrocodone-D6	5.174	9320	109644	0.0850	4.3804
Methamphetamine	Methamphetamine-D11	5.242	48179	270477	0.1781	4.3605
Norhydrocodone	Norhydrocodone-D3	5.237	880	47892	0.0184	7.3845
Phentermine	Phentermine-D5	6.026	7835	256186	0.0306	4.2803
Dextroprphan	Dextroprphan-D3	6.482	9495	164743	0.0576	4.9267
7-aminoclonazepam	7-Aminoclonazepam-D4	6.554	10616	100060	0.1061	3.9405
Tramadol	Tramadol-13C-D3	6.560	87680	800649	0.1095	4.6201
Doxylamine	Doxylamine-D5	6.862	78464	748441	0.1048	4.8012
Bupropion	Bupropion-D9	7.111	34834	348450	0.1000	4.1175
Zolpidem	Zolpidem-D6	7.122	51626	570721	0.0905	4.8893
Meprobamate	Meprobamate-D7	7.193	6202	72127	0.0860	5.3458
Venlafaxine	Venlafaxine-D6	7.286	74927	691073	0.1084	4.7353
Trazodone	Trazodone-D6	7.315	41636	397673	0.1047	5.4811
Citalopram	Citalopram-D6	7.397	50349	484727	0.1039	5.1087
Dextromethorphan	Dextromethorphan-D3	7.408	11736	112217	0.1046	6.1100
Diphenhydramine	Diphenhydramine-D3	7.432	79787	817483	0.0976	5.0277
Promethazine	Promethazine-D3	7.566	77930	922466	0.0845	5.7863

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

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5 ng cal

<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>
Clonazepam	Clonazepam-D4	7.602	4452	12049	0.3695	5.6740
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	1933	18603	0.1039	5.3388
Carisoprodol	Carisoprodol-D7	7.672	26200	310962	0.0843	3.9843
Lorazepam	Alprazolam-D5	7.702	2236	185289	0.0121	8.2938
Alprazolam	Alprazolam-D5	7.726	20895	185289	0.1128	4.9411

# ISP FORENSICS - Cd'A Instrument # 62340

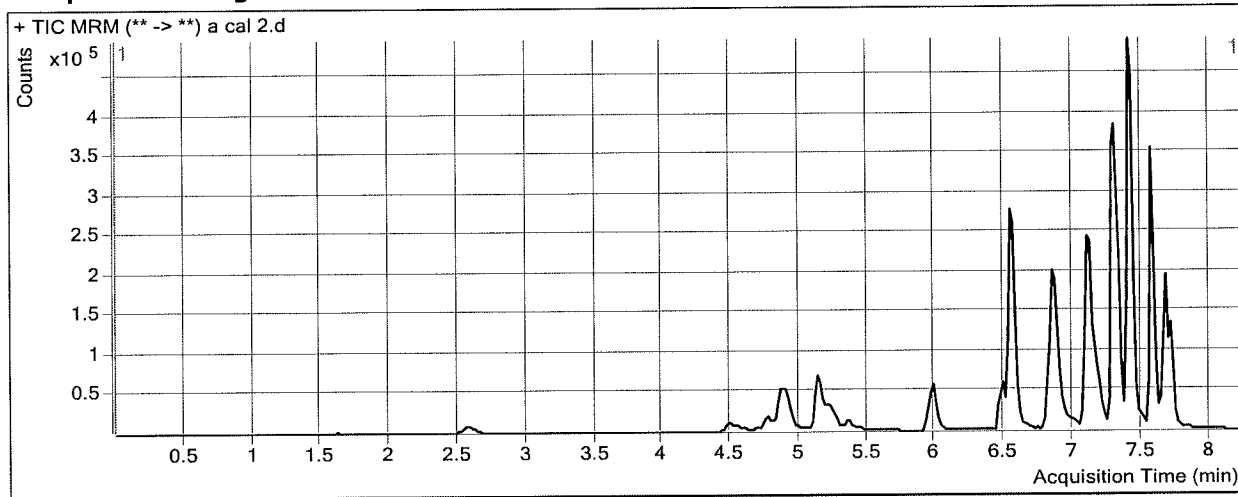
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin  
**Analysis Time** 3/2/2017 2:16 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 2:21 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 2:16 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 16:39 **Data File** a cal 2.d  
**Sample Type** Calibration **Sample Name** a cal 2  
**Dilution** 1 **Acq Method** Quant Panel 1a 11-18-2016.m  
**Position** P1-B1 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.608	2478	2840	0.8724	9.4393
Hydromorphone	Hydromorphone-D6	2.608	10738	36867	0.2913	9.7590
Codeine	Codeine-D6	4.552	5432	17354	0.3130	11.7165
6-MAM	6-MAM-D6	4.687	145	34595	0.0042	0.7543
Amphetamine	Amphetamine-D11	4.904	87449	64618	1.3533	9.7124
Oxycodone	Oxycodone-D6	4.910	24059	128368	0.1874	9.7881
Hydrocodone	Hydrocodone-D6	5.174	17889	99593	0.1796	9.9086
Methamphetamine	Methamphetamine-D11	5.242	56474	174683	0.3233	9.7070
Norhydrocodone	Norhydrocodone-D3	5.237	1465	43888	0.0334	10.6465
Phentermine	Phentermine-D5	6.026	11770	204410	0.0576	8.9150
Dextrophan	Dextrophan-D3	6.482	17610	143731	0.1225	9.7818
7-aminoclonazepam	7-Aminoclonazepam-D4	6.554	19404	88992	0.2180	9.0672
Tramadol	Tramadol-13C-D3	6.560	153697	729399	0.2107	9.5626
Doxylamine	Doxylamine-D5	6.862	140952	689259	0.2045	9.8345
Bupropion	Bupropion-D9	7.111	53722	262137	0.2049	9.3764
Zolpidem	Zolpidem-D6	7.122	86174	495431	0.1739	9.5393
Meprobamate	Meprobamate-D7	7.213	10969	69048	0.1589	9.3091
Venlafaxine	Venlafaxine-D6	7.286	134971	638835	0.2113	9.4065
Trazodone	Trazodone-D6	7.315	74364	369030	0.2015	9.3782
Citalopram	Citalopram-D6	7.397	92542	429768	0.2153	10.2141
Dextromethorphan	Dextromethorphan-D3	7.408	20039	108106	0.1854	9.5541
Diphenhydramine	Diphenhydramine-D3	7.432	143493	605390	0.2370	11.4401
Promethazine	Promethazine-D3	7.566	124900	705647	0.1770	10.4036

cal 2

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

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<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Clonazepam	Clonazepam-D4	7.602	8378	14121	0.5933	8.7884
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	3890	18304	0.2125	9.7169
Carisoprodol	Carisoprodol-D7	7.672	48840	286373	0.1705	9.5257
Lorazepam	Alprazolam-D5	7.723	2077	171393	0.0121	8.3204
Alprazolam	Alprazolam-D5	7.726	40181	171393	0.2344	9.8479

# ISP FORENSICS - Cd'A Instrument # 62340

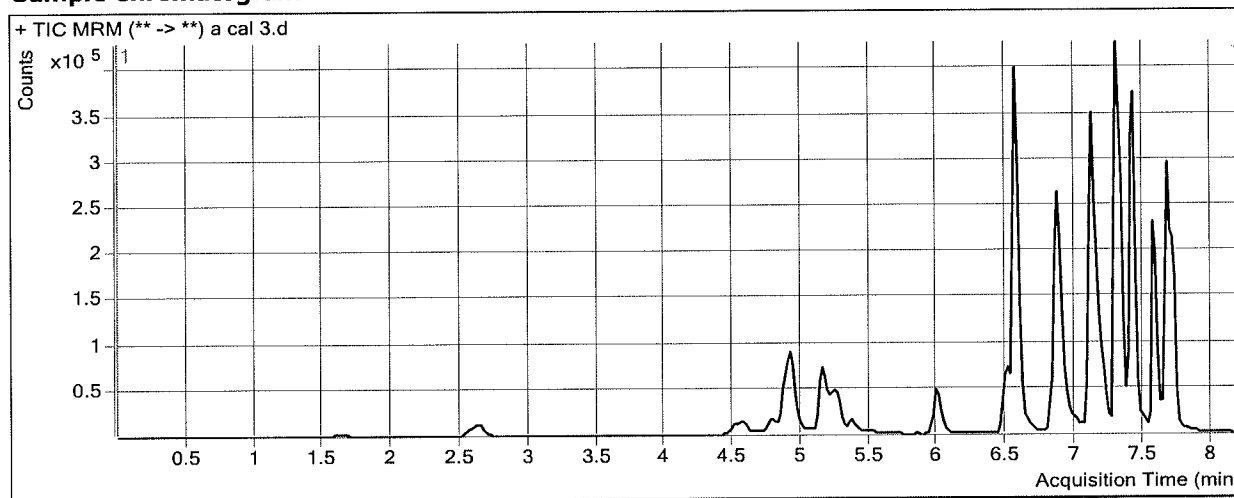
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin  
**Analysis Time** 3/2/2017 2:16 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 2:21 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 2:16 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 17:04 **Data File** a cal 3.d  
**Sample Type** Calibration **Sample Name** a cal 3  
**Dilution** 1 **Acq Method** Quant Panel 1a 11-18-2016.m  
**Position** P1-C1 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.651	7128	3308	2.1549	25.7454
Hydromorphone	Hydromorphone-D6	2.628	31101	40950	0.7595	24.6933
Codeine	Codeine-D6	4.572	13138	21244	0.6184	21.8715
6-MAM	6-MAM-D6	4.707	619	39453	0.0157	3.0952
Amphetamine	Amphetamine-D11	4.924	156143	56861	2.7460	26.2620
Oxycodone	Oxycodone-D6	4.930	70043	129555	0.5406	23.8008
Hydrocodone	Hydrocodone-D6	5.174	48629	113900	0.4269	24.3600
Methamphetamine	Methamphetamine-D11	5.262	104415	140935	0.7409	25.0863
Norhydrocodone	Norhydrocodone-D3	5.237	4119	46363	0.0888	22.7182
Phentermine	Phentermine-D5	6.026	25589	167916	0.1524	25.1913
Dextroprphan	Dextroprphan-D3	6.504	40701	132245	0.3078	23.6433
7-aminoclonazepam	7-Aminoclonazepam-D4	6.554	62806	108084	0.5811	25.6925
Tramadol	Tramadol-13C-D3	6.580	403937	774238	0.5217	24.7507
Doxylamine	Doxylamine-D5	6.883	337186	641262	0.5258	26.0620
Bupropion	Bupropion-D9	7.131	98967	197543	0.5010	24.2084
Zolpidem	Zolpidem-D6	7.142	274579	568889	0.4827	26.7357
Meprobamate	Meprobamate-D7	7.213	34636	81254	0.4263	23.8540
Venlafaxine	Venlafaxine-D6	7.306	320170	558144	0.5736	25.8625
Trazodone	Trazodone-D6	7.315	120165	218064	0.5511	23.4482
Citalopram	Citalopram-D6	7.397	135146	259529	0.5207	24.2031
Dextromethorphan	Dextromethorphan-D3	7.408	27021	52037	0.5193	23.7902
Diphenhydramine	Diphenhydramine-D3	7.432	209311	405817	0.5158	24.2604
Promethazine	Promethazine-D3	7.566	183194	377427	0.4854	25.7932

cal 3

# ISP FORENSICS - Cd'A Instrument # 62340

## Multi-Drug Confirmatory Analysis Report

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.602	24919	15854	1.5718	22.4027
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	12039	21097	0.5707	24.1502
Carisoprodol	Carisoprodol-D7	7.672	149258	357346	0.4177	25.3965
Lorazepam	Alprazolam-D5	7.702	10388	198958	0.0522	28.1619
Alprazolam	Alprazolam-D5	7.726	118052	198958	0.5934	24.3225



# ISP FORENSICS - Cd'A Instrument # 62340

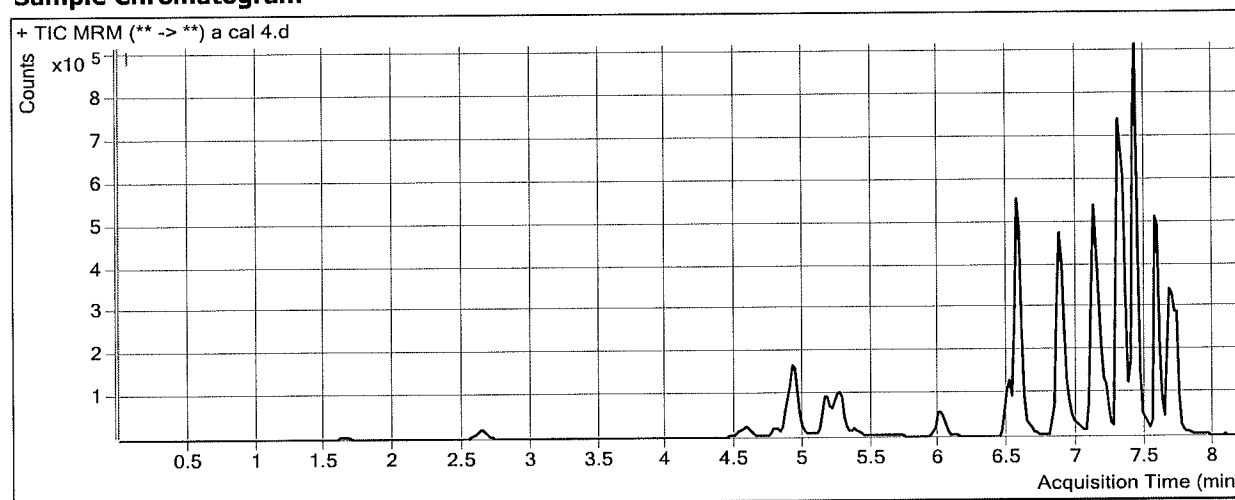
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin  
**Analysis Time** 3/2/2017 2:16 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 2:21 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 2:16 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 17:30 **Data File** a cal 4.d  
**Sample Type** Calibration **Sample Name** a cal 4  
**Dilution** 1 **Acq Method** Quant Panel 1a 11-18-2016.m  
**Position** P1-D1 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.631	14063	3316	4.2405	52.2623
Hydromorphone	Hydromorphone-D6	2.648	63079	40784	1.5467	49.8010
Codeine	Codeine-D6	4.572	26733	20519	1.3028	44.6254
6-MAM	6-MAM-D6	4.707	1142	39111	0.0292	5.8458
Amphetamine	Amphetamine-D11	4.924	348069	70233	4.9559	52.5225
Oxycodone	Oxycodone-D6	4.930	157161	142860	1.1001	45.9953
Hydrocodone	Hydrocodone-D6	5.174	102709	112264	0.9149	52.8693
Methamphetamine	Methamphetamine-D11	5.262	276935	181228	1.5281	54.0795
Norhydrocodone	Norhydrocodone-D3	5.257	9048	47432	0.1908	44.8920
Phentermine	Phentermine-D5	6.026	67550	206889	0.3265	55.0825
Dextroprphan	Dextroprphan-D3	6.504	106738	161862	0.6594	49.9573
7-aminoclonazepam	7-Aminoclonazepam-D4	6.554	125264	102737	1.2193	54.9174
Tramadol	Tramadol-13C-D3	6.580	867271	819638	1.0581	50.9458
Doxylamine	Doxylamine-D5	6.862	838972	816723	1.0272	51.3855
Bupropion	Bupropion-D9	7.131	297668	257393	1.1565	57.0474
Zolpidem	Zolpidem-D6	7.142	536299	611202	0.8774	48.7264
Meprobamate	Meprobamate-D7	7.213	69161	77456	0.8929	49.2348
Venlafaxine	Venlafaxine-D6	7.306	796802	686576	1.1605	52.5165
Trazodone	Trazodone-D6	7.315	385107	305052	1.2624	52.0831
Citalopram	Citalopram-D6	7.397	439519	406138	1.0822	49.9205
Dextromethorphan	Dextromethorphan-D3	7.428	104523	94635	1.1045	48.7414
Diphenhydramine	Diphenhydramine-D3	7.432	735506	683924	1.0754	49.9994
Promethazine	Promethazine-D3	7.586	642273	702863	0.9138	47.1736

ISP FORENSICS - Cd'A Instrument # 62340  
Multi-Drug Confirmatory Analysis Report

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cal 4

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.602	51058	14522	3.5159	49.4535
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	24001	11727	2.0466	83.6364
Carisoprodol	Carisoprodol-D7	7.693	276657	324558	0.8524	53.3136
Lorazepam	Alprazolam-D5	7.702	19305	188201	0.1026	53.0870
Alprazolam	Alprazolam-D5	7.726	234769	188201	1.2474	50.7010



# ISP FORENSICS - Cd'A Instrument # 62340

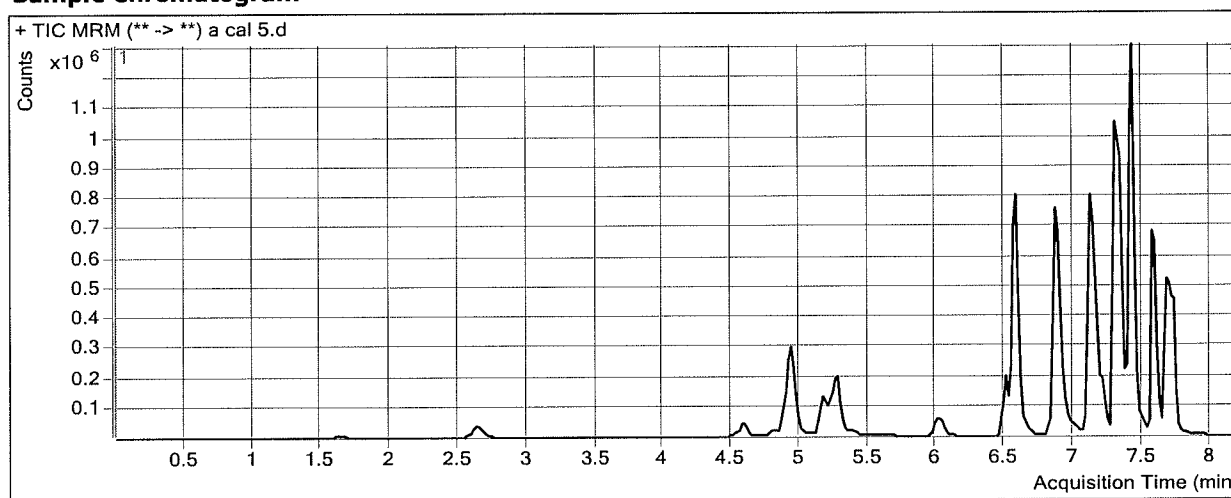
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin  
**Analysis Time** 3/2/2017 2:16 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 2:21 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 2:16 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 17:55 **Data File** a cal 5.d  
**Sample Type** Calibration **Sample Name** a cal 5  
**Dilution** 1 **Acq Method** Quant Panel 1a 11-18-2016.m  
**Position** P1-E1 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.631	25923	3038	8.5327	106.8340
Hydromorphone	Hydromorphone-D6	2.648	123655	38670	3.1977	102.4597
Codeine	Codeine-D6	4.572	53807	19490	2.7608	93.0983
6-MAM	6-MAM-D6	4.727	1692	37038	0.0457	9.1966
Amphetamine	Amphetamine-D11	4.944	631151	62550	10.0904	113.5358
Oxycodone	Oxycodone-D6	4.930	309463	136275	2.2709	92.4412
Hydrocodone	Hydrocodone-D6	5.194	198731	108723	1.8279	106.2143
Methamphetamine	Methamphetamine-D11	5.262	542609	185003	2.9330	105.8201
Norhydrocodone	Norhydrocodone-D3	5.257	17220	43631	0.3947	89.2625
Phentermine	Phentermine-D5	6.046	124838	195721	0.6378	108.5311
Dextropropion	Dextropropion-D3	6.504	195904	140692	1.3924	104.8042
7-aminoclonazepam	7-Aminoclonazepam-D4	6.574	234256	94115	2.4890	113.0648
Tramadol	Tramadol-13C-D3	6.580	1657439	745316	2.2238	107.8731
Doxylamine	Doxylamine-D5	6.862	1368012	684487	1.9986	100.4418
Bupropion	Bupropion-D9	7.131	477112	221028	2.1586	107.2533
Zolpidem	Zolpidem-D6	7.142	1050812	587583	1.7884	99.4663
Meprobamate	Meprobamate-D7	7.213	134763	75634	1.7818	97.5805
Venlafaxine	Venlafaxine-D6	7.306	1449408	651677	2.2241	100.8176
Trazodone	Trazodone-D6	7.315	699971	276362	2.5328	103.2194
Citalopram	Citalopram-D6	7.397	714298	354898	2.0127	92.5416
Dextromethorphan	Dextromethorphan-D3	7.408	189309	85498	2.2142	96.0539
Diphenhydramine	Diphenhydramine-D3	7.432	1312097	613573	2.1385	98.8902
Promethazine	Promethazine-D3	7.566	1151534	604796	1.9040	96.5905

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

*a cal 5*

<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>
Clonazepam	Clonazepam-D4	7.602	99692	12534	7.9538	111.2038
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	43908	19538	2.2473	91.7262
Carisoprodol	Carisoprodol-D7	7.693	515671	299907	1.7194	108.9921
Lorazepam	Alprazolam-D5	7.702	34092	173312	0.1967	99.6710
Alprazolam	Alprazolam-D5	7.726	447717	173312	2.5833	104.5745



# ISP FORENSICS - Cd'A Instrument # 62340

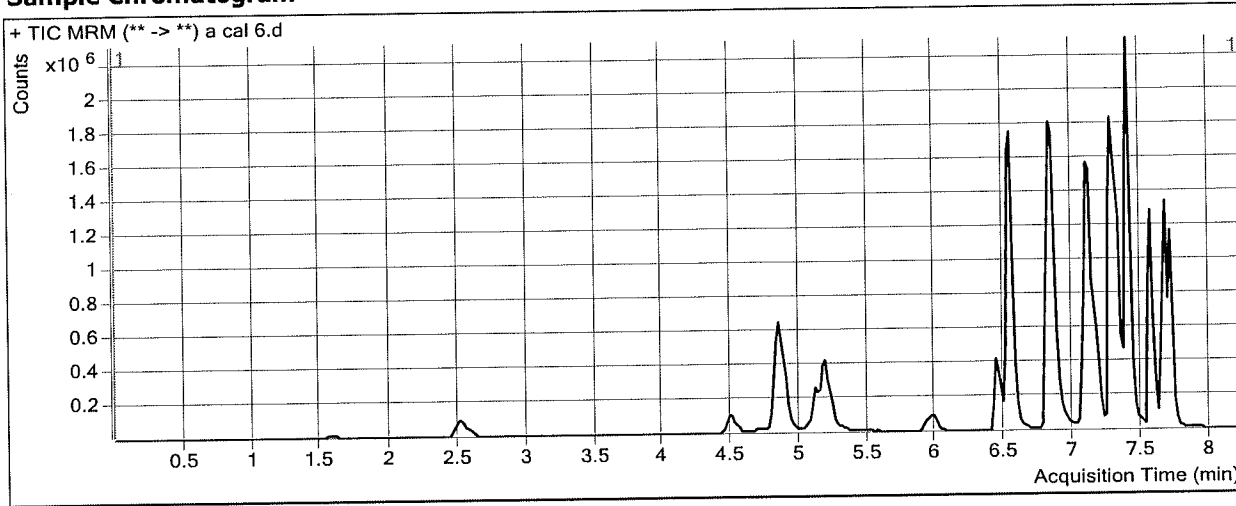
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin  
**Analysis Time** 3/2/2017 2:16 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 2:21 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 2:16 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 18:21 **Data File** a cal 6.d  
**Sample Type** Calibration **Sample Name** a cal 6  
**Dilution** 1 **Acq Method** Quant Panel 1a 11-18-2016.m  
**Position** P1-F1 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.588	75130	3504	21.4419	270.9625
Hydromorphone	Hydromorphone-D6	2.528	343241	43338	7.9201	253.0840
Codeine	Codeine-D6	4.512	146812	19948	7.3599	246.0044
6-MAM	6-MAM-D6	4.626	4861	42278	0.1150	23.2946
Amphetamine	Amphetamine-D11	4.864	1291798	62693	20.6053	238.4850
Oxycodone	Oxycodone-D6	4.850	775929	131064	5.9202	237.2150
Hydrocodone	Hydrocodone-D6	5.113	532340	117943	4.5135	263.1339
Methamphetamine	Methamphetamine-D11	5.202	1282599	175753	7.2977	266.5713
Norhydrocodone	Norhydrocodone-D3	5.198	48271	42759	1.1289	249.0342
Phentermine	Phentermine-D5	5.986	294709	186688	1.5786	270.0413
Dextrorphan	Dextrorphan-D3	6.441	509056	145336	3.5026	262.7008
7-aminoclonazepam	7-Aminoclonazepam-D4	6.515	618436	106325	5.8165	265.4412
Tramadol	Tramadol-13C-D3	6.540	4225105	809103	5.2220	254.2901
Doxylamine	Doxylamine-D5	6.842	3822779	775502	4.9294	248.4579
Bupropion	Bupropion-D9	7.091	1190189	225248	5.2839	263.8283
Zolpidem	Zolpidem-D6	7.122	2943207	626677	4.6965	261.4571
Meprobamate	Meprobamate-D7	7.193	377127	79998	4.7142	257.0769
Venlafaxine	Venlafaxine-D6	7.286	3590771	640881	5.6029	254.2602
Trazodone	Trazodone-D6	7.315	1681930	281982	5.9647	241.3616
Citalopram	Citalopram-D6	7.377	1617922	278879	5.8015	266.0885
Dextromethorphan	Dextromethorphan-D3	7.408	379379	71881	5.2779	226.6746
Diphenhydramine	Diphenhydramine-D3	7.412	2768043	481449	5.7494	264.9642
Promethazine	Promethazine-D3	7.566	2423800	521837	4.6447	233.3686

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

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*a cal b*

<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>
Clonazepam	Clonazepam-D4	7.602	270584	15040	17.9907	250.8614
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.640	132537	20278	6.5360	264.5739
Carisoprodol	Carisoprodol-D7	7.672	1149763	256960	4.4745	285.9151
Lorazepam	Alprazolam-D5	7.702	84505	171793	0.4919	245.7598
Alprazolam	Alprazolam-D5	7.705	1073771	171793	6.2504	252.4634

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# ISP FORENSICS - Cd'A Instrument # 62340

## Multi-Drug Confirmatory Analysis Report

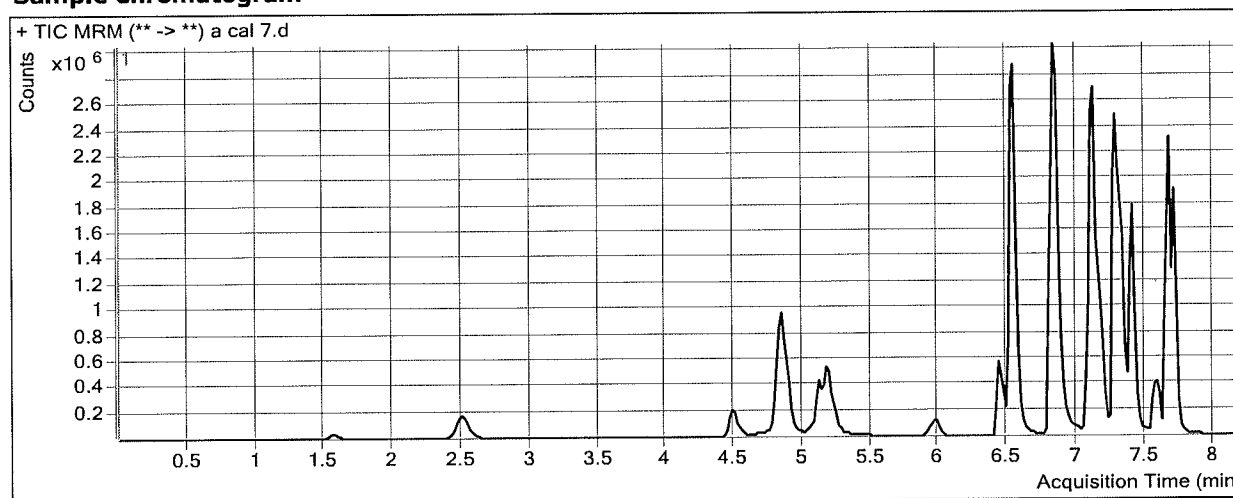
a cal 7

**Batch Data Path** D:\2017 Data\030117 multidrug quant panel 1\QuantResults\030117 multidrug quant panel 1.batch.bin  
**Analysis Time** 3/2/2017 2:16 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 2:21 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 2:16 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 18:46 **Data File** a cal 7.d  
**Sample Type** Calibration **Sample Name** a cal 7  
**Dilution** 1 **Acq Method** Quant Panel 1a 11-18-2016.m  
**Position** P1-G1 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.568	150420	3819	39.3883	499.1338
Hydromorphone	Hydromorphone-D6	2.507	676387	43516	15.5436	496.2375
Codeine	Codeine-D6	4.492	281347	18515	15.1955	506.5142
6-MAM	6-MAM-D6	4.626	10258	39965	0.2567	52.1202
Amphetamine	Amphetamine-D11	4.844	1708395	47415	36.0307	421.7872
Oxycodone	Oxycodone-D6	4.850	1798666	158840	11.3238	451.5801
Hydrocodone	Hydrocodone-D6	5.113	982624	113009	8.6951	507.4580
Methamphetamine	Methamphetamine-D11	5.202	1461248	113180	12.9108	473.2981
Norhydrocodone	Norhydrocodone-D3	5.178	85619	34786	2.4613	538.9569
Phentermine	Phentermine-D5	5.986	408603	137362	2.9746	509.7054
Dextroprphan	Dextroprphan-D3	6.441	705766	103964	6.7886	508.5765
7-aminoclonazepam	7-Aminoclonazepam-D4	6.515	1125118	99130	11.3500	518.8420
Tramadol	Tramadol-13C-D3	6.540	7425641	748705	9.9180	483.6229
Doxylamine	Doxylamine-D5	6.822	6430997	663708	9.6895	488.8565
Bupropion	Bupropion-D9	7.091	1319028	125051	10.5479	527.5515
Zolpidem	Zolpidem-D6	7.122	5699406	641712	8.8816	494.5721
Meprobamate	Meprobamate-D7	7.193	734160	81443	9.0144	490.9695
Venlafaxine	Venlafaxine-D6	7.286	5487518	488617	11.2307	509.8434
Trazodone	Trazodone-D6	7.315	2049161	170976	11.9851	483.7012
Citalopram	Citalopram-D6	7.377	1368001	123286	11.0962	508.6091
Dextromethorphan	Dextromethorphan-D3	7.408	258016	22081	11.6850	499.8449
Diphenhydramine	Diphenhydramine-D3	7.412	2292188	217137	10.5564	486.0468
Promethazine	Promethazine-D3	7.566	634826	78158	8.1224	406.9202

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

*a cal 7*

<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>
Clonazepam	Clonazepam-D4	7.602	536160	15116	35.4706	494.0830
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.640	276417	22492	12.2896	496.4632
Carisoprodol	Carisoprodol-D7	7.672	2083272	276748	7.5277	481.9857
Lorazepam	Alprazolam-D5	7.682	215237	154912	1.3894	689.9270
Alprazolam	Alprazolam-D5	7.705	1885812	154912	12.1734	491.3321





# ISP FORENSICS - Cd'A Instrument # 62340

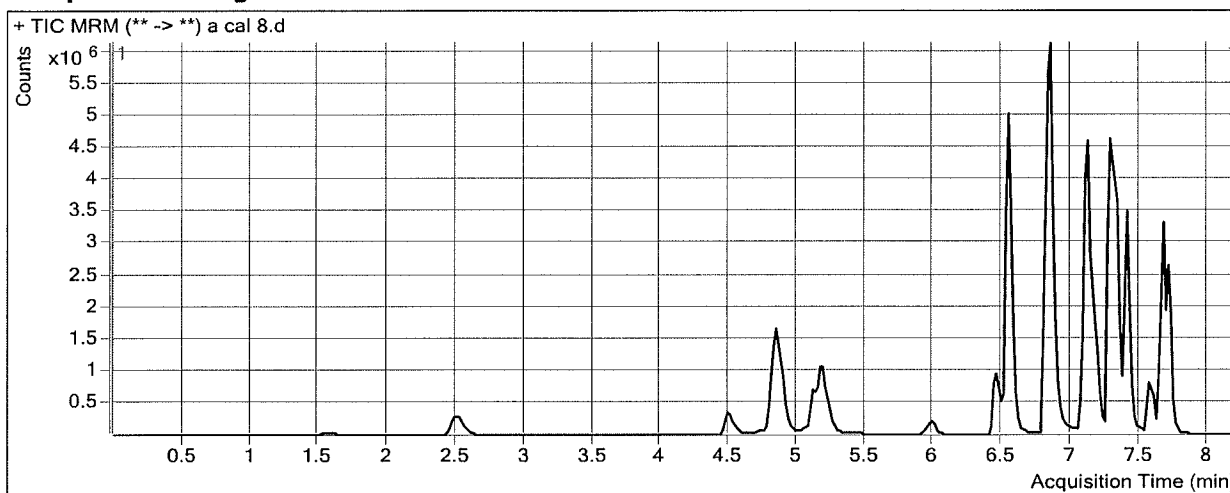
## Multi-Drug Confirmatory Analysis Report

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**Analysis Time** 3/2/2017 2:16 PM **Analyst Name** ISP Tox  
**Report Time** 3/2/2017 2:21 PM **Reporter Name** ISP Tox  
**Last Calib Update** 3/2/2017 2:16 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-03-01 19:11 **Data File** a cal 8.d  
**Sample Type** Calibration **Sample Name** a cal 8  
**Dilution** 1 **Acq Method** Quant Panel 1a 11-18-2016.m  
**Position** P1-H1 **Sample Info**  
**Inj Vol** -1 **Comment**

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.568	258711	3381	76.5276	971.3266
Hydromorphone	Hydromorphone-D6	2.507	1188045	37952	31.3035	998.9054
Codeine	Codeine-D6	4.512	494755	16298	30.3561	1010.5577
6-MAM	6-MAM-D6	4.646	16876	34570	0.4882	99.2171
Amphetamine	Amphetamine-D11	4.844	3006704	47826	62.8678	740.6949
Oxycodone	Oxycodone-D6	4.850	2729378	101163	26.9800	1072.6788
Hydrocodone	Hydrocodone-D6	5.113	1709809	102752	16.6401	971.6755
Methamphetamine	Methamphetamine-D11	5.202	3258059	119601	27.2412	1001.0772
Norhydrocodone	Norhydrocodone-D3	5.198	153817	28886	5.3250	1162.1029
Phentermine	Phentermine-D5	5.986	762847	136530	5.5874	958.2531
Dextropropion	Dextropropion-D3	6.462	1208119	92717	13.0301	975.6095
7-aminoclonazepam	7-Aminoclonazepam-D4	6.534	1709081	82389	20.7441	949.0345
Tramadol	Tramadol-13C-D3	6.540	13474161	654990	20.5715	1003.8972
Doxylamine	Doxylamine-D5	6.842	13219368	660581	20.0117	1010.1606
Bupropion	Bupropion-D9	7.091	2275375	120310	18.9127	946.6172
Zolpidem	Zolpidem-D6	7.122	9942232	556719	17.8586	994.6138
Meprobamate	Meprobamate-D7	7.193	1300644	70372	18.4824	1005.9385
Venlafaxine	Venlafaxine-D6	7.286	10276427	474887	21.6397	982.5581
Trazodone	Trazodone-D6	7.315	4853121	191510	25.3413	1021.3272
Citalopram	Citalopram-D6	7.377	2419897	112764	21.4598	983.3143
Dextromethorphan	Dextromethorphan-D3	7.408	506642	21021	24.1016	1029.2309
Diphenhydramine	Diphenhydramine-D3	7.412	4632657	212498	21.8010	1003.2052
Promethazine	Promethazine-D3	7.566	1542026	69180	22.2900	1113.9640

a cal 8

**ISP FORENSICS - Cd'A Instrument # 62340**  
**Multi-Drug Confirmatory Analysis Report**

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<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Clonazepam	Clonazepam-D4	7.602	857404	11966	71.6528	997.5333
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	453833	18353	24.7275	997.7476
Carisoprodol	Carisoprodol-D7	7.672	3109662	205382	15.1409	970.8871
Lorazepam	Alprazolam-D5	7.702	356035	114057	3.1216	1547.1501
Alprazolam	Alprazolam-D5	7.706	2832200	114057	24.8315	1001.8175