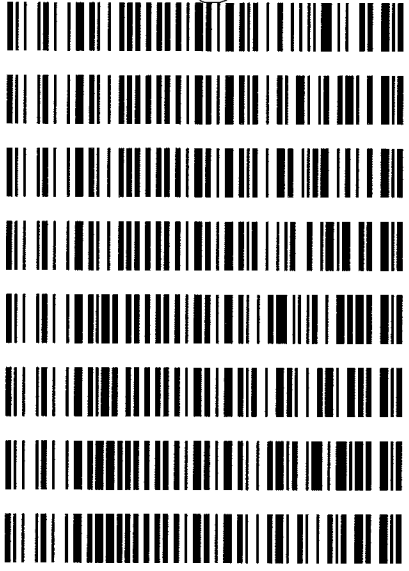


Worklist: 2069

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
C2017-2095	1	101973	AM 28 Blood Multi-Drug Quant
C2017-2171	1	101974	AM 28 Blood Multi-Drug Quant
C2017-2238	1	101975	AM 28 Blood Multi-Drug Quant
C2017-2242	1	101976	AM 28 Blood Multi-Drug Quant
M2017-4559	1	101977	AM 28 Blood Multi-Drug Quant
M2017-5054	1	101972	AM 28 Blood Multi-Drug Quant
P2017-2088	1	101741	AM 28 Blood Multi-Drug Quant
P2017-2091	1	101743	AM 28 Blood Multi-Drug Quant

Bylee



[Handwritten signature]

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

Extraction Date: 12-6-17
Plate lot#: 0507680

Analyst: Anne Nord
Plate Expiration: 5/31/2018 6/5/2018 amn

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

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

Blank Blood Lot: 321632-1
LCMS-QQQ ID: 62340

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

Pre-Analytic:

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

Analytic:

1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
2. Pipette **250µL blood (calibrated pipette) Pipette ID: 2609543** in wells of analytical (standards) plate.
3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 66759*
4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792
8. Wait 5 minutes.
9. Add **900uL ethyl acetate**.
10. Wait 5 minutes.
11. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
12. Add **900uL ethyl acetate**.
13. Wait 5 minutes.
14. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

1. Create batch and process data.
Worklist path: 120617 mdq P1 and P2 Batch Name: 120617 mdq P2 b
2. Make necessary changes to integration limits
3. Integration linear and r^2 values ≥ 0.98 for each analyte.
4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5%, S/N for primary and secondary transitions > 10 .
5. Did all QCs pass for each analyte? Y/N - Maprotiline not evaluated
6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: Maprotiline not evaluated

Curve ranges limited

Benzoylcegonine 10-500
metoprolol 5-500
ondansetron 5-500

primidone 5-250
fluazepam 5-100
Amoxapine 5-100



Toxicology AM method 28 panel 2 external prep information
working solution 10000 ng/ml in meoh mirtazapine, amitriptyline, meperidine
Stock solution 1mg/ml 100 ul each in 9700 ul meOH lot (Fisher 168427)
Ppd 8/7/17 Exp: 2/7/18 lot 2718 by AMN

Drug	lot	expiration
mirtazapine	fe04201503	4/1/2020
amitriptyline	fn07081401	9/1/2019
meperidine	FE1191502	2/1/2020

AM 28 control 50 ul working solution lot (2718) in 9950 ul blood lot (321632)
ppd 8/7/17 Exp 11/7/17 by AMN Concentration 50 ng/ml each
ppd 12/5/17 Exp 2/7/18 by AMN Concentration 50 ng/ml each



ISP FORENSICS - Cd'A Instrument # 62340

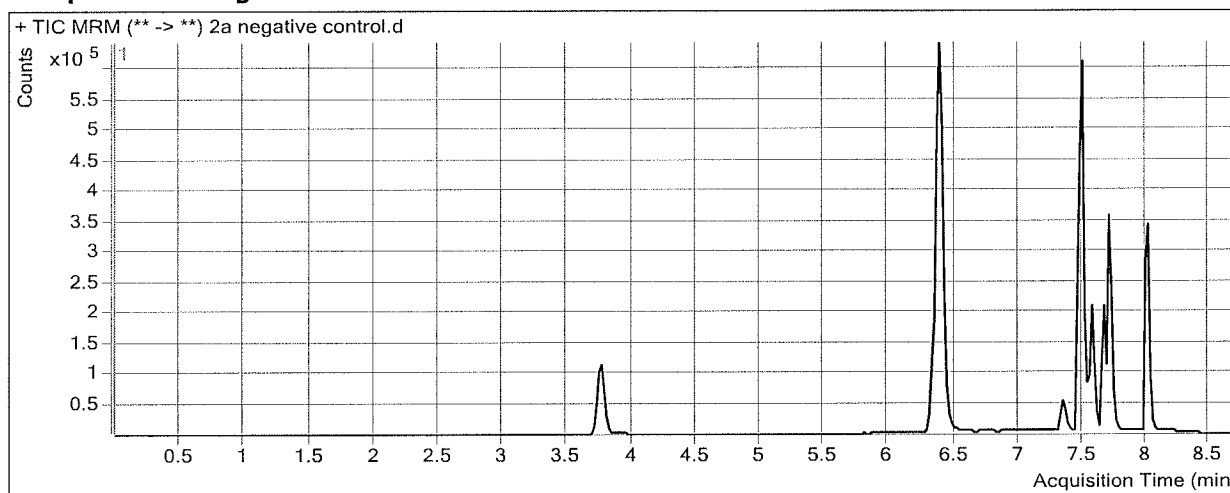
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin
Analysis Time 12/8/2017 9:16 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:34 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:16 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 12:14 **Data File** 2a negative control.d
Sample Type Sample **Sample Name** 2a negative control
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-E6 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



ISP FORENSICS - Cd'A Instrument # 62340

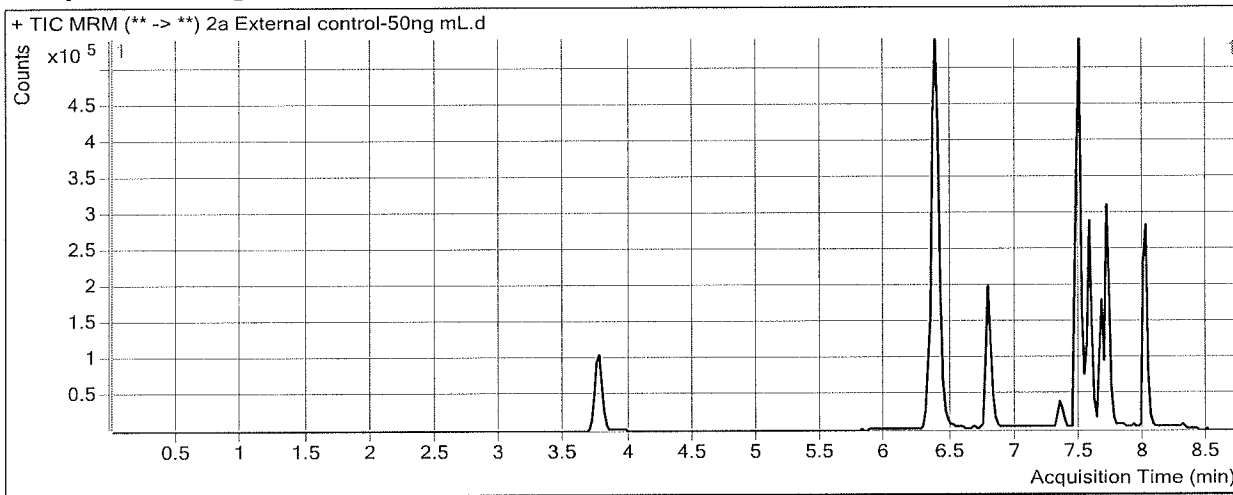
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin
Analysis Time 12/8/2017 9:16 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:34 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:16 AM **Batch State** Processed

Analysis Info

Acq Time	2017-12-07 12:39	Data File	2a External control-50ng mL.d
Sample Type	Sample	Sample Name	2a External control-50ng mL
Dilution	1	Acq Method	MDQ Panel 2a 3-12-17-3.m
Position	P1-F6	Sample Info	
Inj Vol	-1	Comment	AM 28 mirtazapine 50ng, amitriptyline 50 ng

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Mirtazapine	Methylphenidate-D4	6.785	359028	910144	0.3945	38.2581
Maprotiline	Amitriptyline-D3	7.567	23350	60463	0.3862	25.5255 <i>not evaluated</i>
Amitriptyline	Amitriptyline-D3	7.567	155056	60463	2.5645	50.8538 <i>reacts with Amitriptyline</i>

ISP FORENSICS - Cd'A Instrument # 62340

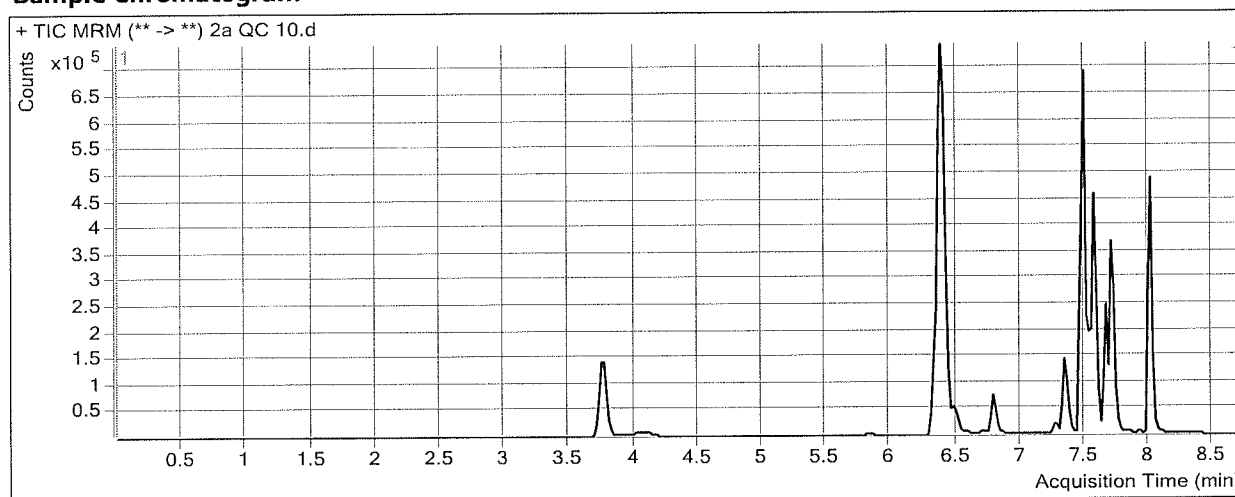
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin
Analysis Time 12/8/2017 9:16 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:34 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:16 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 13:05 **Data File** 2a QC 10.d
Sample Type QC **Sample Name** 2a QC 10
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-A6 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.770	112605	509854	0.2209	10.0100
Levamisole	Cocaine-D3	4.084	45946	579211	0.0793	10.5201
Benzoyllecgonine	Benzoyllecgonine-D8	5.851	5153	7047	0.7312	13.3854
Zopiclone	Zopiclone-D4	6.328	24797	110956	0.2235	9.6847
Cocaine	Cocaine-D3	6.352	151020	579211	0.2607	10.5164
Methylphenidate	Methylphenidate-D4	6.405	288479	1205932	0.2392	10.1694
Metoprolol	Methylphenidate-D4	6.421	36445	1205932	0.0302	10.3895
Ondansetron	Zopiclone-D4	6.496	77801	110956	0.7012	9.3507
Mirtazapine	Methylphenidate-D4	6.785	130867	1205932	0.1085	10.5405
Mitragynine	Doxepin-D3	7.272	13213	309997	0.0426	9.0345
Doxepin	Doxepin-D3	7.344	63822	309997	0.2059	9.9584
Carbamazepine	Carbamazepine-13C6	7.493	289552	1382156	0.2095	10.2493
Protriptyline	Protriptyline-D3	7.531	50956	224822	0.2267	11.1333
Maprotiline	Amitriptyline-D3	7.547	34143	173141	0.1972	9.6473
Amitriptyline	Amitriptyline-D3	7.567	106067	173141	0.6126	11.3410
Estazolam	Estazolam-D5	7.563	63909	268410	0.2381	10.2157
Nortriptyline	Nortriptyline-D3	7.571	51708	202259	0.2557	10.8515
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	80471	434286	0.1853	11.2807
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	40414	365979	0.1104	10.8738
Midazolam	Midazolam-D4	7.721	26338	376151	0.0700	9.6915
Phenazepam	Phenazepam-D4	7.739	7575	25440	0.2978	9.6927
Prazepam	Prazepam-D5	8.004	203617	884626	0.2302	10.1625

ISP FORENSICS - Cd'A Instrument # 62340

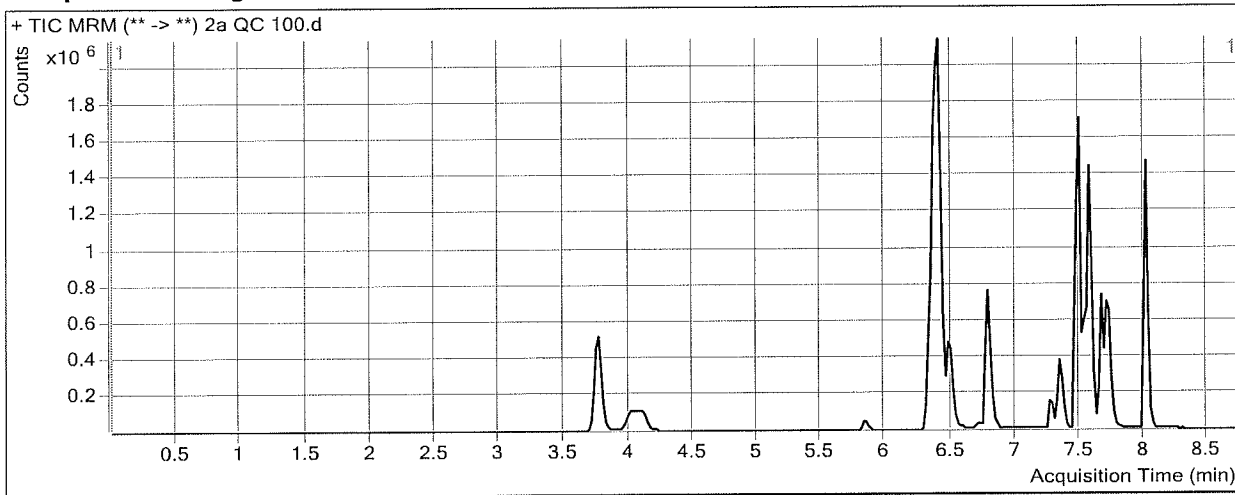
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin
Analysis Time 12/8/2017 9:16 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:34 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:16 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 15:37 **Data File** 2a QC 100.d
Sample Type QC **Sample Name** 2a QC 100
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-B6 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.770	1357619	619655	2.1909	104.8845
Levamisole	Cocaine-D3	4.084	601467	709692	0.8475	89.8254
Benzoylcegonine	Benzoylcegonine-D8	5.851	82082	7729	10.6201	103.6987
Zopiclone	Zopiclone-D4	6.328	245377	109336	2.2443	103.5473
Cocaine	Cocaine-D3	6.352	1735778	709692	2.4458	105.2799
Methylphenidate	Methylphenidate-D4	6.405	3150013	1378260	2.2855	103.4350
Metoprolol	Methylphenidate-D4	6.421	412515	1378260	0.2993	109.2300
Ondansetron	Zopiclone-D4	6.476	947488	109336	8.6659	108.0707
Mirtazapine	Methylphenidate-D4	6.785	1438252	1378260	1.0435	101.1708
Mitragynine	Doxepin-D3	7.252	140253	288497	0.4861	94.5167
Doxepin	Doxepin-D3	7.344	561298	288497	1.9456	105.0513
Carbamazepine	Carbamazepine-13C6	7.493	2772915	1411001	1.9652	102.9003
Protriptyline	Protriptyline-D3	7.531	356430	166204	2.1445	101.3522
Maprotiline	Amitriptyline-D3	7.547	245291	154444	1.5882	126.5092
Amitriptyline	Amitriptyline-D3	7.567	791369	154444	5.1240	102.6662
Estazolam	Estazolam-D5	7.563	580384	244793	2.3709	98.5076
Nortriptyline	Nortriptyline-D3	7.591	351980	151785	2.3189	98.4109
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	804178	456525	1.7615	111.3617
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	318850	323012	0.9871	106.0115
Midazolam	Midazolam-D4	7.721	290827	421355	0.6902	100.1393
Phenazepam	Phenazepam-D4	7.739	47403	16037	2.9558	94.8776
Prazepam	Prazepam-D5	8.004	2000816	924650	2.1639	105.5242

ISP FORENSICS - Cd'A Instrument # 62340

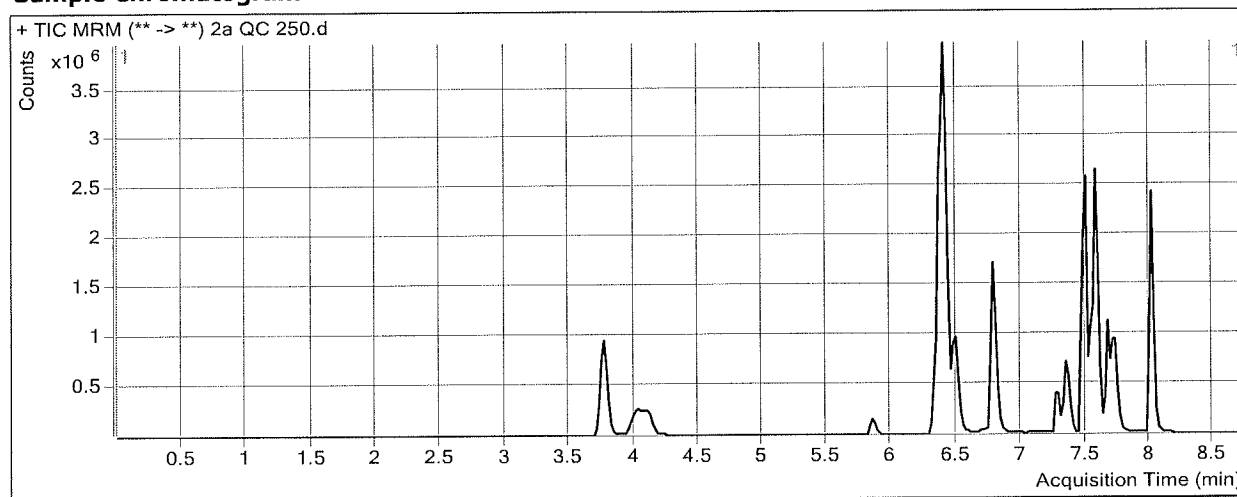
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin
Analysis Time 12/8/2017 9:16 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:34 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:16 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 16:03 **Data File** 2a QC 250.d
Sample Type QC **Sample Name** 2a QC 250
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-C6 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.770	2936391	565540	5.1922	249.4192
Levamisole	Cocaine-D3	4.024	1429309	638224	2.2395	233.5335
Benzoylcegonine	Benzoylcegonine-D8	5.851	233924	8028	29.1390	272.8275
Zopiclone	Zopiclone-D4	6.328	433076	81151	5.3367	247.1860
Cocaine	Cocaine-D3	6.352	3750597	638224	5.8766	254.0680
Methylphenidate	Methylphenidate-D4	6.405	6759079	1241759	5.4431	247.3546
Metoprolol	Methylphenidate-D4	6.421	812028	1241759	0.6539	239.4966
Ondansetron	Zopiclone-D4	6.496	1975806	81151	24.3472	302.4370
Mirtazapine	Methylphenidate-D4	6.785	3273654	1241759	2.6363	255.5584
Mitragynine	Doxepin-D3	7.272	366451	295171	1.2415	240.0964
Doxepin	Doxepin-D3	7.344	1428847	295171	4.8407	263.3006
Carbamazepine	Carbamazepine-13C6	7.493	5140740	1080434	4.7580	250.2802
Protriptyline	Protriptyline-D3	7.531	802131	152327	5.2658	248.1820
Maprotiline	Amitriptyline-D3	7.547	533586	152352	3.5023	287.3168 not evaluated
Amitriptyline	Amitriptyline-D3	7.567	1859249	152352	12.2037	245.9822
Estazolam	Estazolam-D5	7.563	963906	167439	5.7568	238.6703
Nortriptyline	Nortriptyline-D3	7.591	841332	146478	5.7438	243.7496
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	1503746	360773	4.1681	264.1665
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	502383	226292	2.2201	239.8111
Midazolam	Midazolam-D4	7.721	618334	363659	1.7003	247.4485
Phenazepam	Phenazepam-D4	7.739	72498	11687	6.2034	198.9562
Prazepam	Prazepam-D5	8.004	4075915	774992	5.2593	258.1785

ISP FORENSICS - Cd'A Instrument # 62340

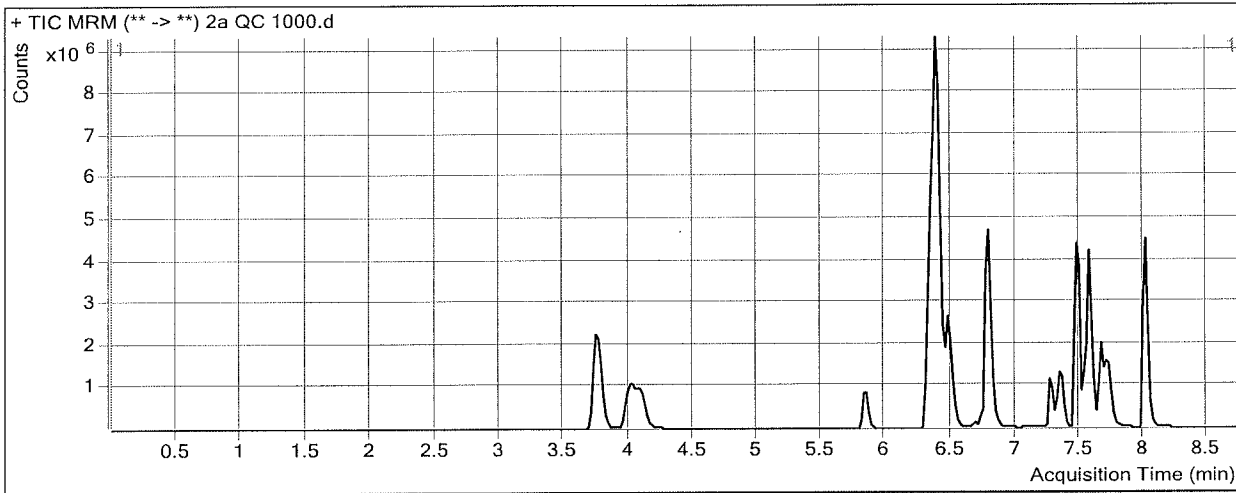
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin
Analysis Time 12/8/2017 9:16 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:34 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:16 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 16:28 **Data File** 2a QC 1000.d
Sample Type QC **Sample Name** 2a QC 1000
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-D6 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.750	9171767	437066	20.9849	1009.9629
Levamisole	Cocaine-D3	4.004	5303381	488152	10.8642	1123.9291
Benzoylcegonine	Benzoylcegonine-D8	5.851	1372079	7144	192.0506	1760.6600 ★
Zopiclone	Zopiclone-D4	6.308	872986	40828	21.3821	992.4782
Cocaine	Cocaine-D3	6.352	11268678	488152	23.0844	1000.3390
Methylphenidate	Methylphenidate-D4	6.405	17789679	815873	21.8045	993.0726
Metoprolol	Methylphenidate-D4	6.421	1806067	815873	2.2137	812.4290 ★
Ondansetron	Zopiclone-D4	6.476	5857520	40828	143.4683	1778.9102 ★
Mirtazapine	Methylphenidate-D4	6.785	9713811	815873	11.9060	1154.0721
Mitragynine	Doxepin-D3	7.252	976344	165932	5.8840	1134.8667
Doxepin	Doxepin-D3	7.344	3175255	165932	19.1359	1044.6756
Carbamazepine	Carbamazepine-13C6	7.473	10108266	542588	18.6297	982.3026
Protriptyline	Protriptyline-D3	7.531	1101885	53014	20.7847	978.2076
Maprotiline	Amitriptyline-D3	7.547	712348	66962	10.6381	886.8001 Not evaluated
Amitriptyline	Amitriptyline-D3	7.567	2941642	66962	43.9298	888.2250
Estazolam	Estazolam-D5	7.563	2184248	89188	24.4905	1014.1859
Nortriptyline	Nortriptyline-D3	7.571	1212285	48775	24.8547	1054.7593
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	3306587	224813	14.7082	933.3970
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	799998	85952	9.3075	1008.9354
Midazolam	Midazolam-D4	7.721	1607409	232452	6.9150	1007.9432
Phenazepam	Phenazepam-D4	7.739	155759	6223	25.0284	802.2614
Prazepam	Prazepam-D5	8.004	10111508	497212	20.3364	1001.7205

★ outside range of curve ★

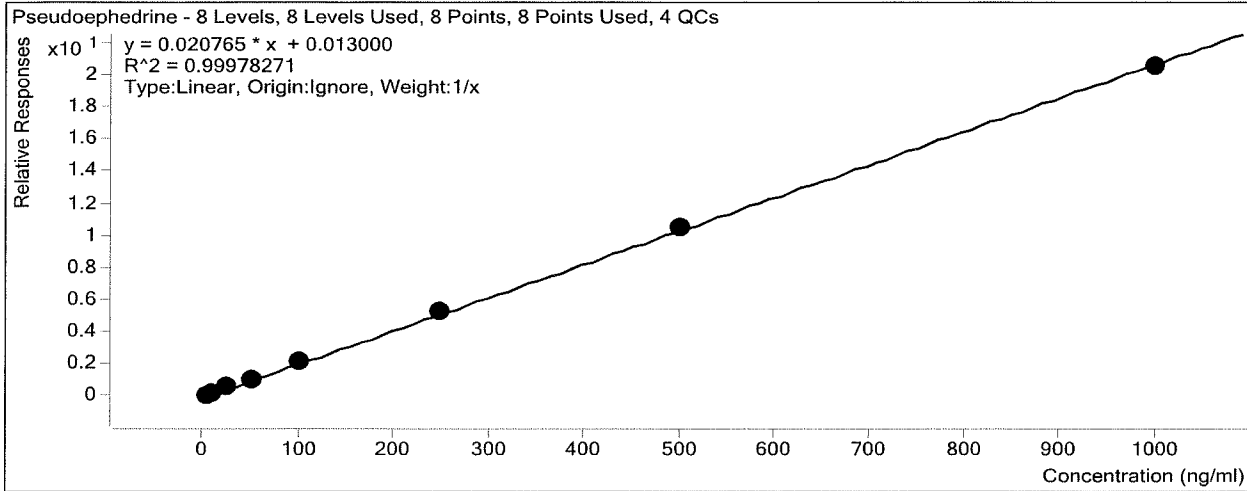
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound *Pseudoephedrine*
Internal Standard *Pseudoephedrine-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	91.8
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.3
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.1
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.2
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.2	102.3
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.8	100.8
2a QC 100	5	<input checked="" type="checkbox"/>	100	104.9	104.9
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.9	101.6
2a QC 250	6	<input checked="" type="checkbox"/>	250	249.4	99.8
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.7	101.1
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	987.9	98.8
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1010.0	101.0

ISP Forensics Calibration Curve Report

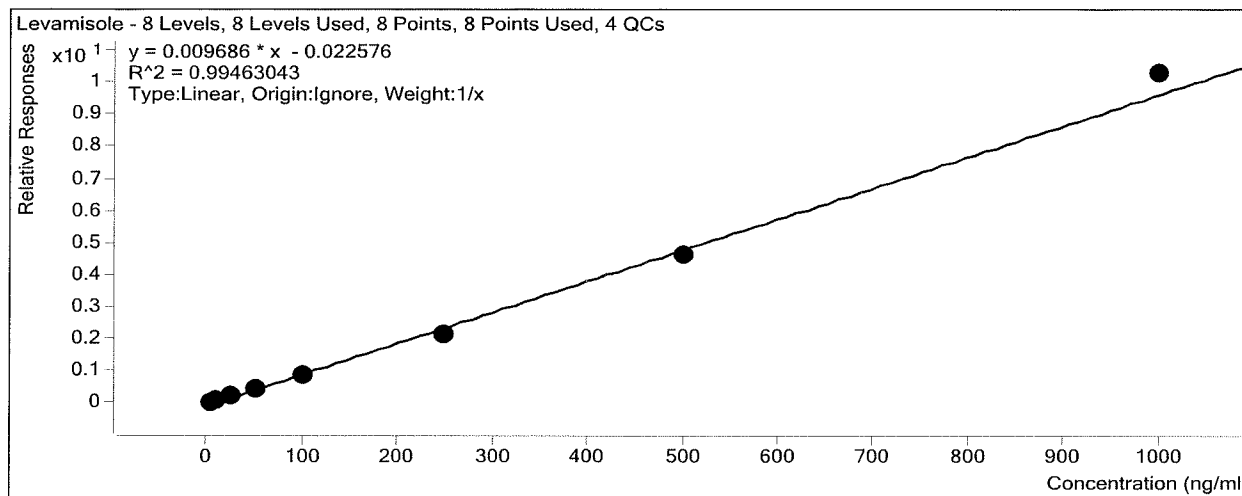
Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound Levamisole

Internal Standard Cocaine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.4	127.6
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.7
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	105.2
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.4
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.5	90.9
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	90.1	90.1
2a QC 100	5	<input checked="" type="checkbox"/>	100	89.8	89.8
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	224.0	89.6
2a QC 250	6	<input checked="" type="checkbox"/>	250	233.5	93.4
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	476.7	95.3
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1062.9	106.3
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1123.9	112.4

ISP Forensics Calibration Curve Report

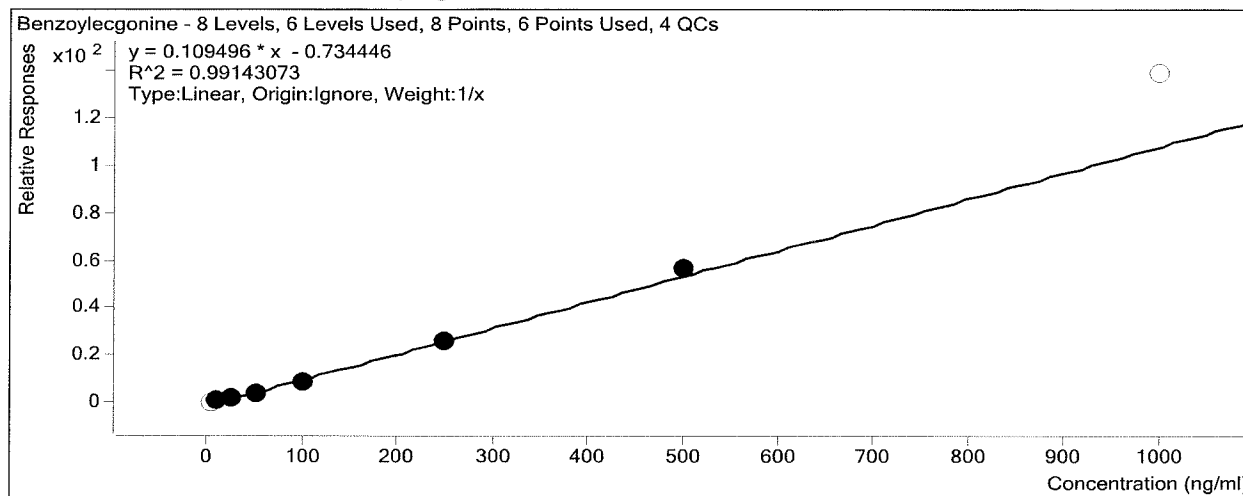
Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound *Benzoylecgonine*

Internal Standard *Benzoylecgonine-D8*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input type="checkbox"/>	5	9.8	195.3
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	13.0	129.7
2a QC 10	2	<input checked="" type="checkbox"/>	10	13.4	133.9
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.3
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	41.8	83.6
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	84.6	84.6
2a QC 100	5	<input checked="" type="checkbox"/>	100	103.7	103.7
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	243.1	97.2
2a QC 250	6	<input checked="" type="checkbox"/>	250	272.8	109.1
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	527.7	105.5
2a cal 8-1000ng	8	<input type="checkbox"/>	1000	1276.0	127.6
2a QC 1000	8	<input type="checkbox"/>	1000	1760.7	176.1

ISP Forensics Calibration Curve Report

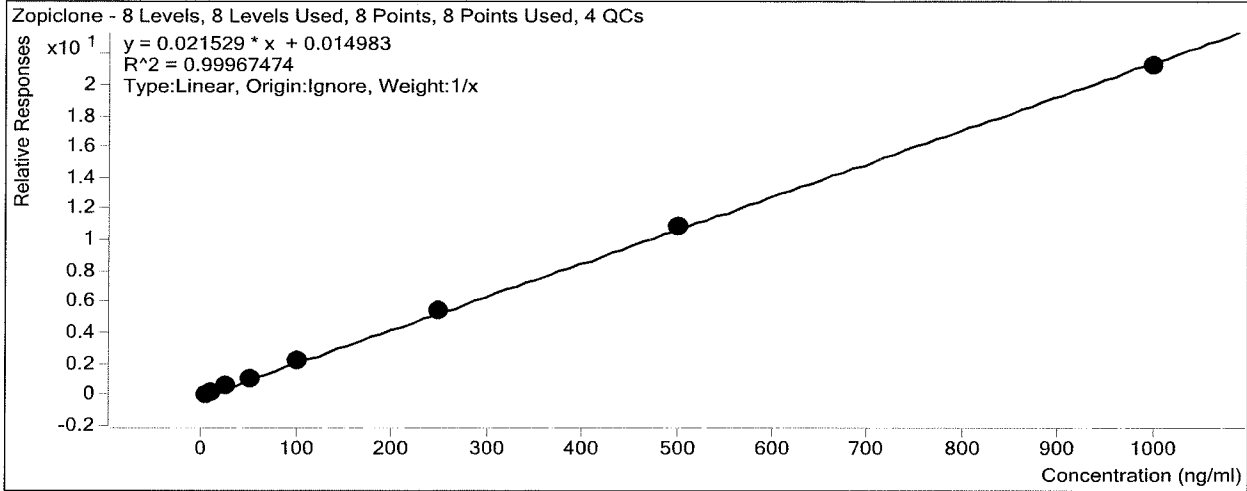
Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound Zopiclone

Internal Standard Zopiclone-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.5	90.6
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.7
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.7	96.8
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.3
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.5	103.1
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.4	102.4
2a QC 100	5	<input checked="" type="checkbox"/>	100	103.5	103.5
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.6	102.6
2a QC 250	6	<input checked="" type="checkbox"/>	250	247.2	98.9
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	503.4	100.7
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	985.8	98.6
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	992.5	99.2

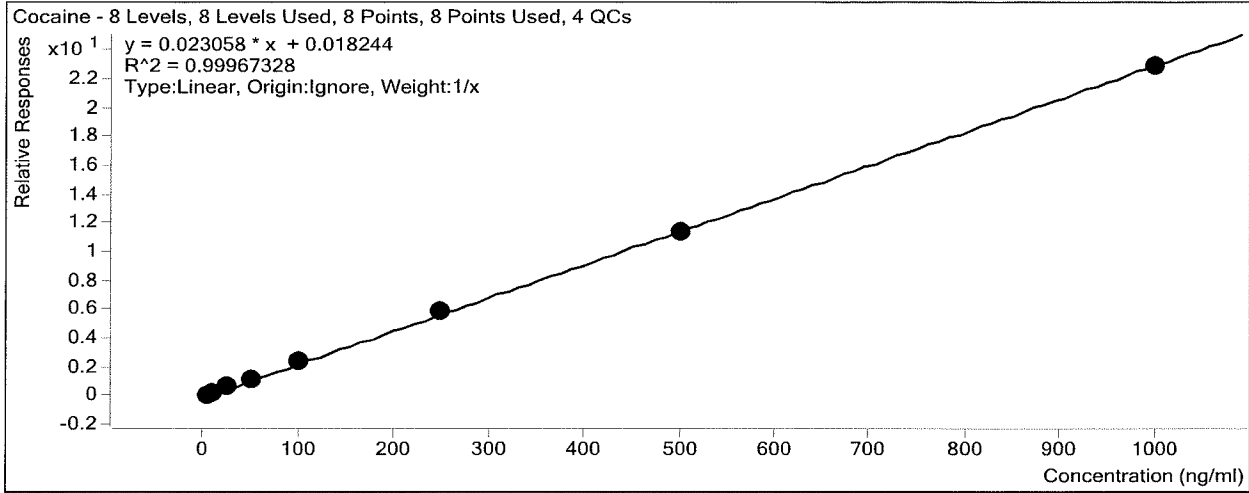
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound Cocaine
Internal Standard Cocaine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.5	89.8
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.7
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	105.2
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.4	105.7
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.3	102.6
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.7	104.7
2a QC 100	5	<input checked="" type="checkbox"/>	100	105.3	105.3
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.7	101.9
2a QC 250	6	<input checked="" type="checkbox"/>	250	254.1	101.6
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.8	99.4
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	991.8	99.2
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1000.3	100.0

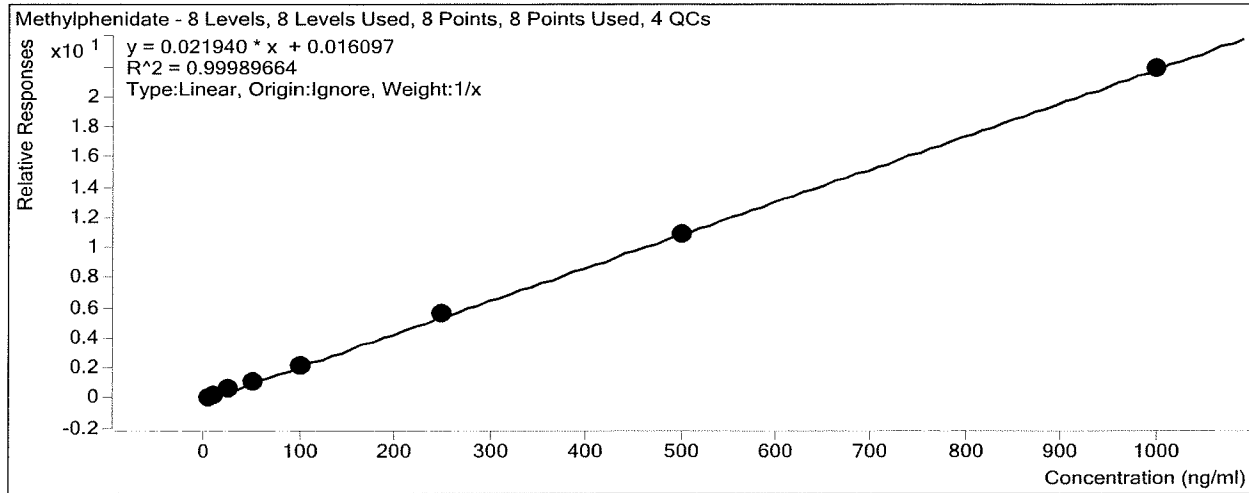
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound *Methylphenidate*
Internal Standard *Methylphenidate-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.9
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.2
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	101.7
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.2	105.0
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.2	100.4
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.7	100.7
2a QC 100	5	<input checked="" type="checkbox"/>	100	103.4	103.4
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.2	101.7
2a QC 250	6	<input checked="" type="checkbox"/>	250	247.4	98.9
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.8	99.4
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	997.3	99.7
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	993.1	99.3

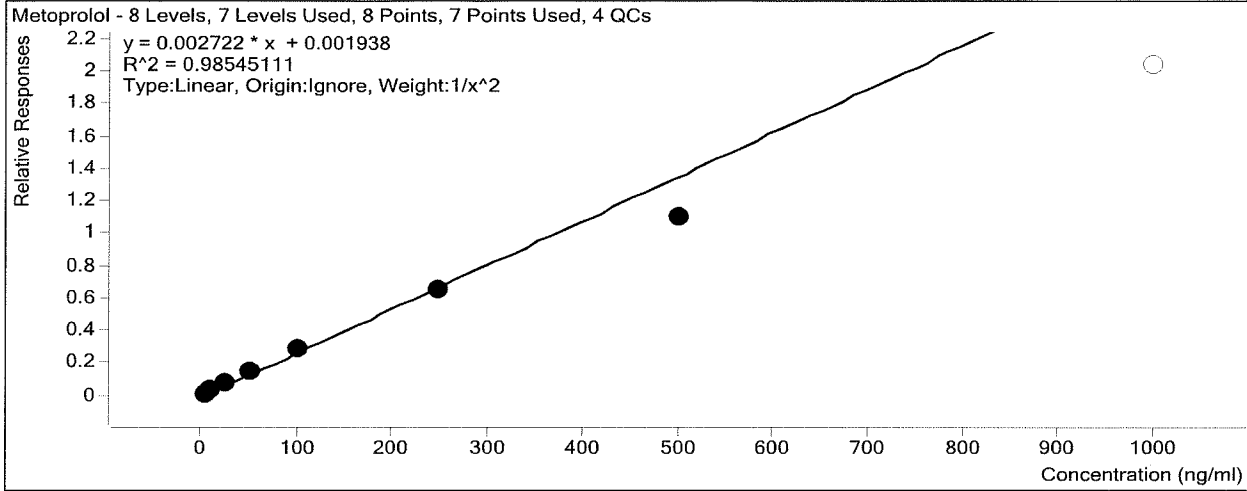
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound *Metoprolol*
Internal Standard *Methylphenidate-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.1
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.6	106.1
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	103.9
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.7	110.8
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.8	107.5
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.1	104.1
2a QC 100	5	<input checked="" type="checkbox"/>	100	109.2	109.2
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	240.8	96.3
2a QC 250	6	<input checked="" type="checkbox"/>	250	239.5	95.8
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	405.4	81.1
2a cal 8-1000ng	8	<input type="checkbox"/>	1000	748.6	74.9
2a QC 1000	8	<input type="checkbox"/>	1000	812.4	81.2

ISP Forensics Calibration Curve Report

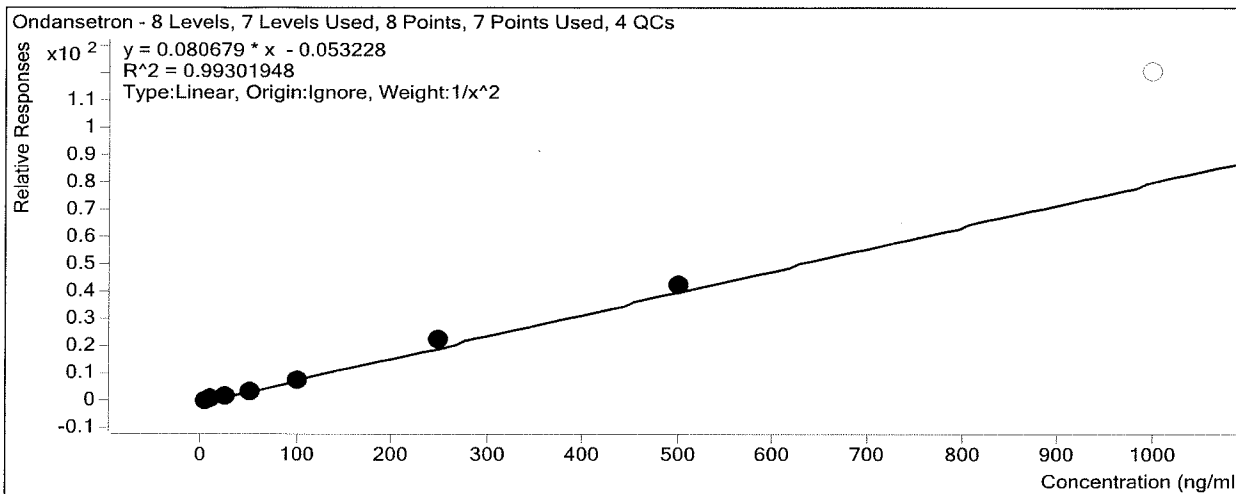
Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound Ondansetron

Internal Standard Zopiclone-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.6
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.8
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	93.5
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.7
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.8	89.6
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.0	96.0
2a QC 100	5	<input checked="" type="checkbox"/>	100	108.1	108.1
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	275.7	110.3
2a QC 250	6	<input checked="" type="checkbox"/>	250	302.4	121.0
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	529.8	106.0
2a cal 8-1000ng	8	<input type="checkbox"/>	1000	1496.9	149.7
2a QC 1000	8	<input type="checkbox"/>	1000	1778.9	177.9

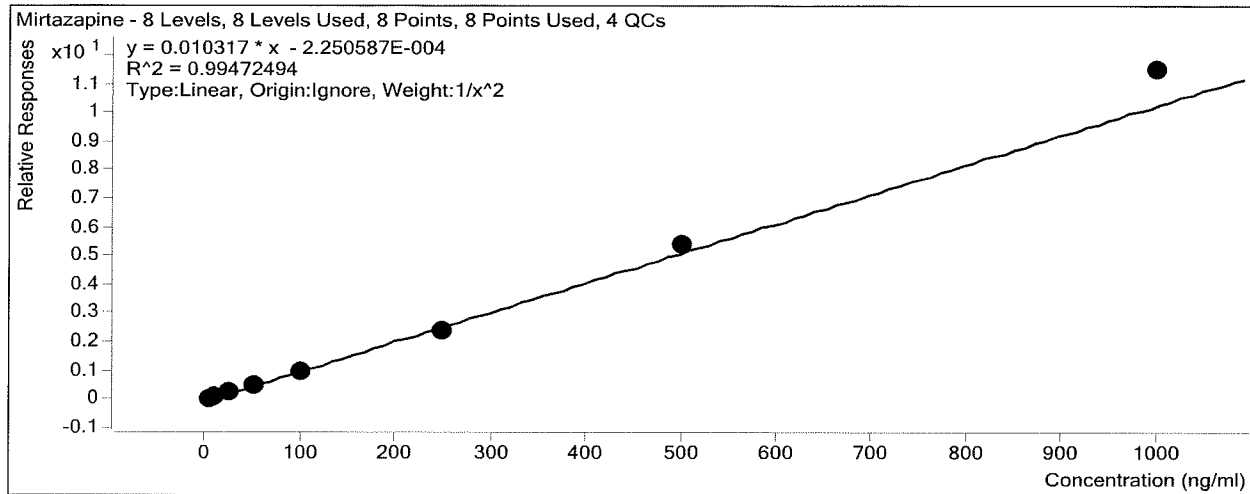
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound *Mirtazapine*
Internal Standard *Methylphenidate-D4*



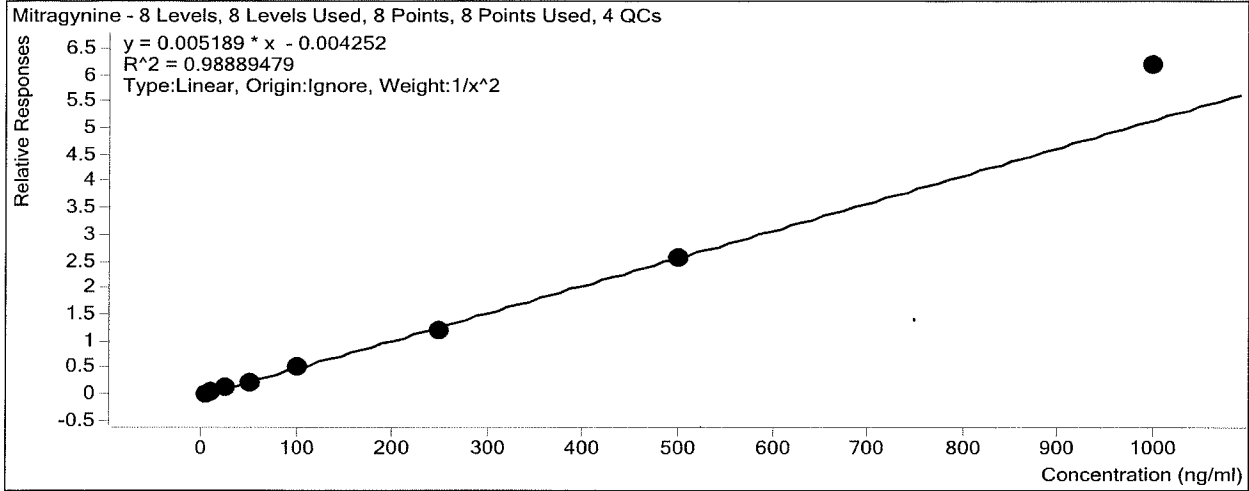
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.3
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.7
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	105.4
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.3
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.3	92.6
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.8	96.8
2a QC 100	5	<input checked="" type="checkbox"/>	100	101.2	101.2
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	235.8	94.3
2a QC 250	6	<input checked="" type="checkbox"/>	250	255.6	102.2
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	528.3	105.7
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1113.4	111.3
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1154.1	115.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM **Analyst Name** ISP TOX

Target Compound *Mitragynine*
Internal Standard *Doxepin-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.9
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	91.5
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.0	90.3
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.5	101.8
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.5	90.9
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.0	98.0
2a QC 100	5	<input checked="" type="checkbox"/>	100	94.5	94.5
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	234.7	93.9
2a QC 250	6	<input checked="" type="checkbox"/>	250	240.1	96.0
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	498.7	99.7
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1192.1	119.2
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1134.9	113.5

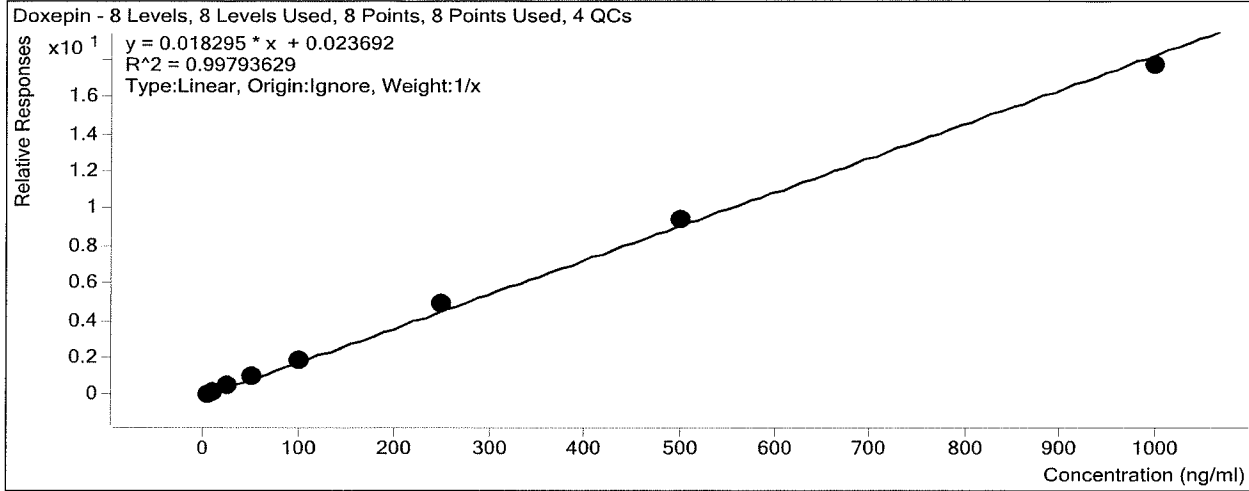
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound Doxepin
Internal Standard Doxepin-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.4	87.7
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.5	85.4
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	99.6
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	28.6	114.2
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.7	103.4
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.7	103.7
2a QC 100	5	<input checked="" type="checkbox"/>	100	105.1	105.1
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	266.7	106.7
2a QC 250	6	<input checked="" type="checkbox"/>	250	263.3	105.3
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	511.9	102.4
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	964.4	96.4
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1044.7	104.5

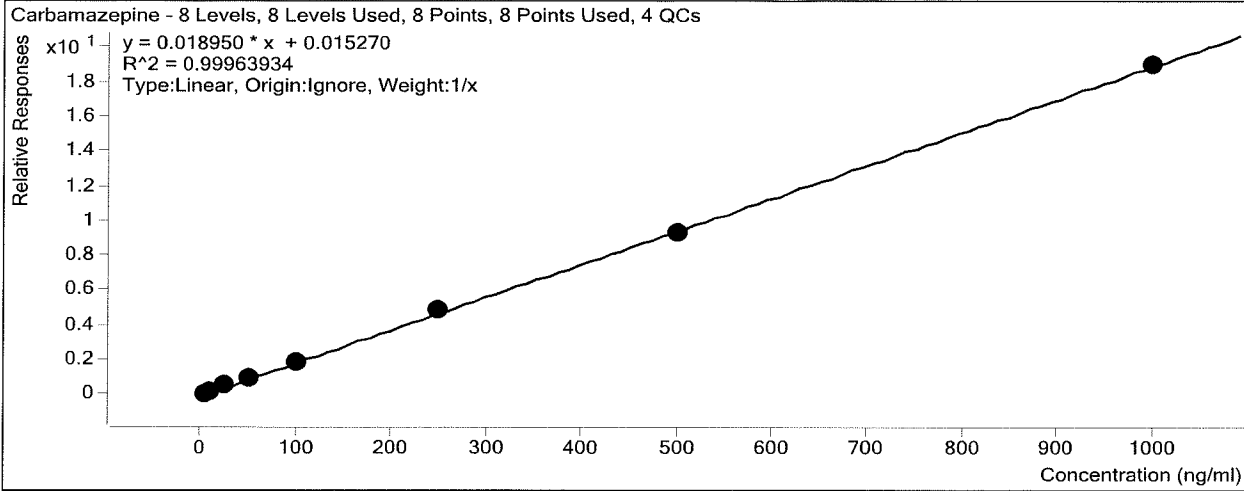
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound Carbamazepine
Internal Standard Carbamazepine-13C6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.4	87.1
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.6
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.5
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.3	105.4
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.0	106.0
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.4	100.4
2a QC 100	5	<input checked="" type="checkbox"/>	100	102.9	102.9
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.9	102.4
2a QC 250	6	<input checked="" type="checkbox"/>	250	250.3	100.1
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	491.0	98.2
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	998.9	99.9
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	982.3	98.2

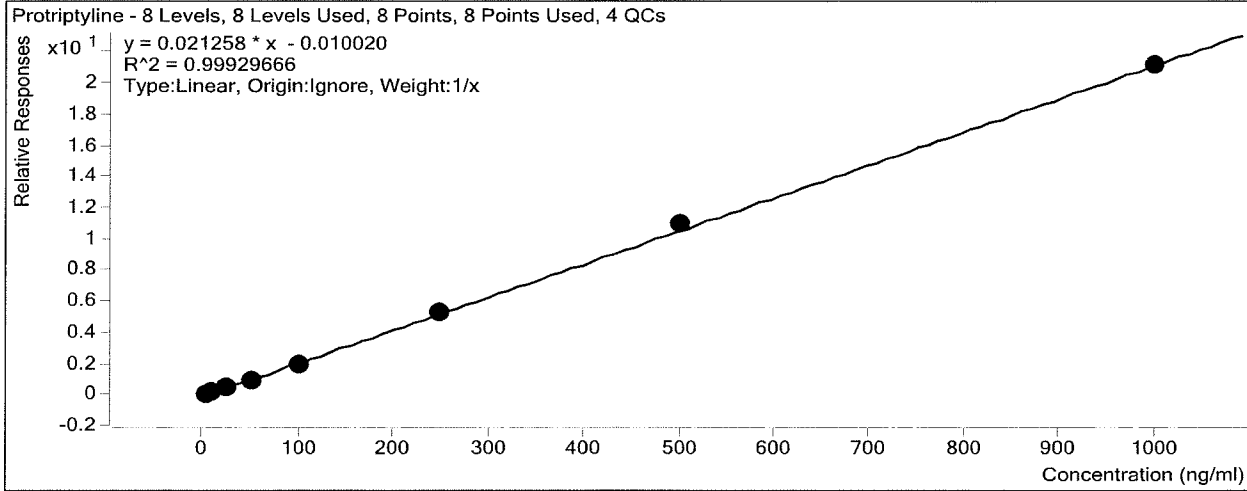
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound *Protriptyline*
Internal Standard *Protriptyline-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.4
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	107.3
2a QC 10	2	<input checked="" type="checkbox"/>	10	11.1	111.3
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.6
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.8	93.5
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.7	94.7
2a QC 100	5	<input checked="" type="checkbox"/>	100	101.4	101.4
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.1	98.5
2a QC 250	6	<input checked="" type="checkbox"/>	250	248.2	99.3
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	517.3	103.5
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	994.5	99.4
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	978.2	97.8

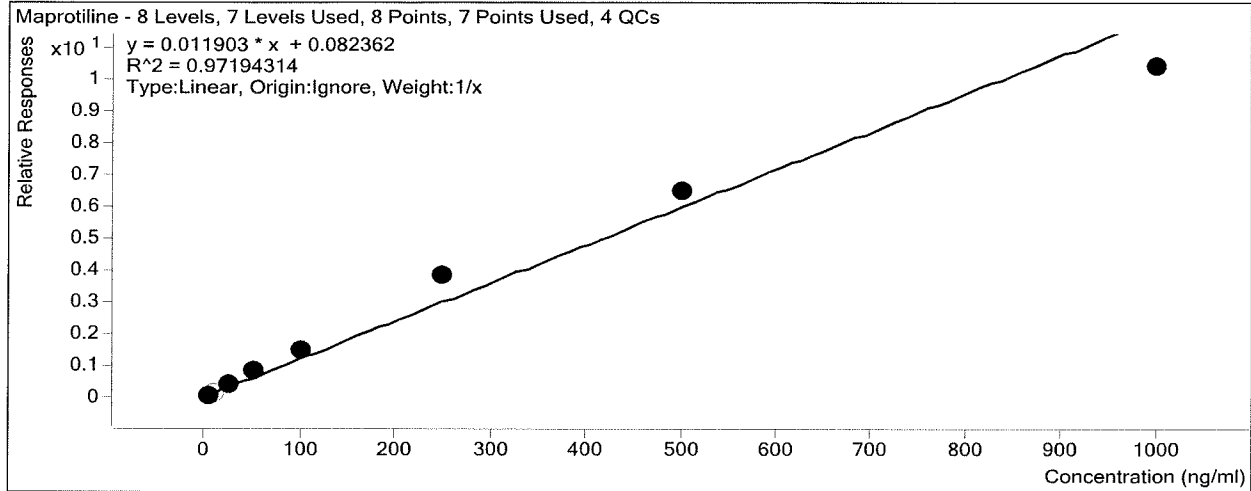
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound *Maprotiline*
Internal Standard *Amitriptyline-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	0.8	16.4
2a cal 2-10ng	2	<input type="checkbox"/>	10	6.8	67.7
2a QC 10	2	<input type="checkbox"/>	10	9.6	96.5
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	28.8	115.1
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	64.7	129.5
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	118.8	118.8
2a QC 100	5	<input checked="" type="checkbox"/>	100	126.5	126.5
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	316.8	126.7
2a QC 250	6	<input checked="" type="checkbox"/>	250	287.3	114.9
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	535.5	107.1
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	864.6	86.5
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	886.8	88.7

Not
Evaluated

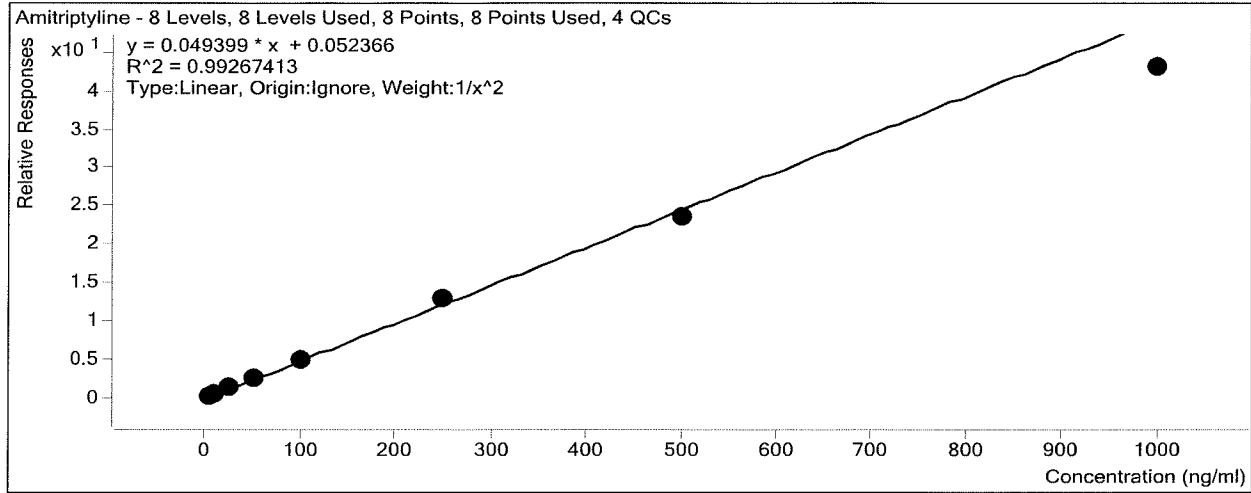
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound Amitriptyline
Internal Standard Amitriptyline-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.0
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.9	108.9
2a QC 10	2	<input checked="" type="checkbox"/>	10	11.3	113.4
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.3	105.3
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.8	105.7
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.2	99.2
2a QC 100	5	<input checked="" type="checkbox"/>	100	102.7	102.7
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	261.7	104.7
2a QC 250	6	<input checked="" type="checkbox"/>	250	246.0	98.4
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	476.4	95.3
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	870.2	87.0
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	888.2	88.8

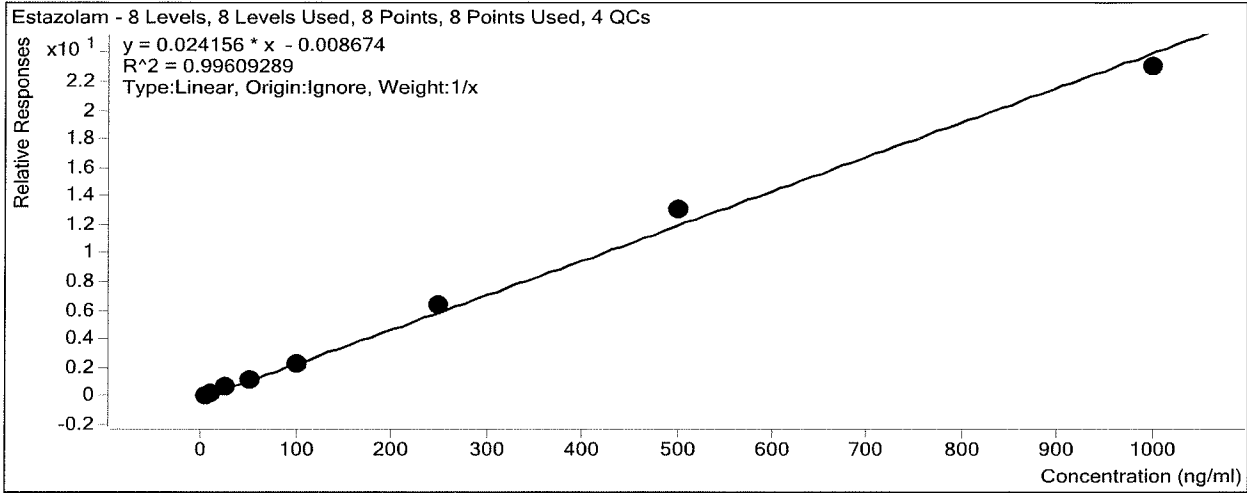
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound *Estazolam*
Internal Standard *Estazolam-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.7
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.2
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.2
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.4
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.0	93.9
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.0	93.0
2a QC 100	5	<input checked="" type="checkbox"/>	100	98.5	98.5
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	266.6	106.6
2a QC 250	6	<input checked="" type="checkbox"/>	250	238.7	95.5
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	538.9	107.8
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	954.0	95.4
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1014.2	101.4

ISP Forensics Calibration Curve Report

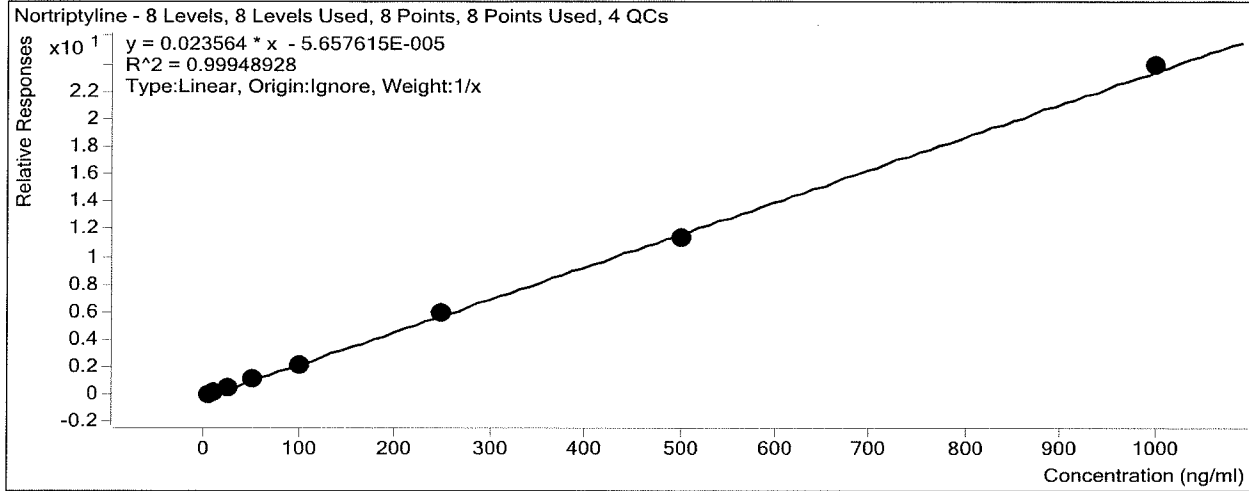
Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound *Nortriptyline*

Internal Standard *Nortriptyline-D3*



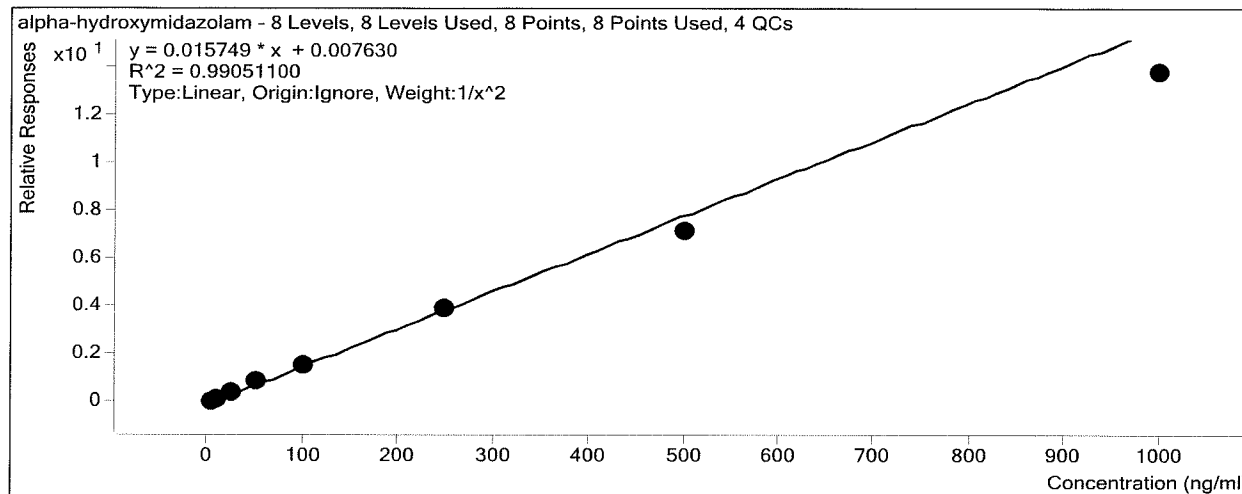
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.2
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.6
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.9	108.5
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.6
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.7	99.3
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.7	95.7
2a QC 100	5	<input checked="" type="checkbox"/>	100	98.4	98.4
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.7	102.3
2a QC 250	6	<input checked="" type="checkbox"/>	250	243.7	97.5
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	485.7	97.1
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1012.7	101.3
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1054.8	105.5

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM **Analyst Name** ISP TOX

Target Compound *alpha-hydroxymidazolam*
Internal Standard *alpha-hydroxymidazolam-D4*



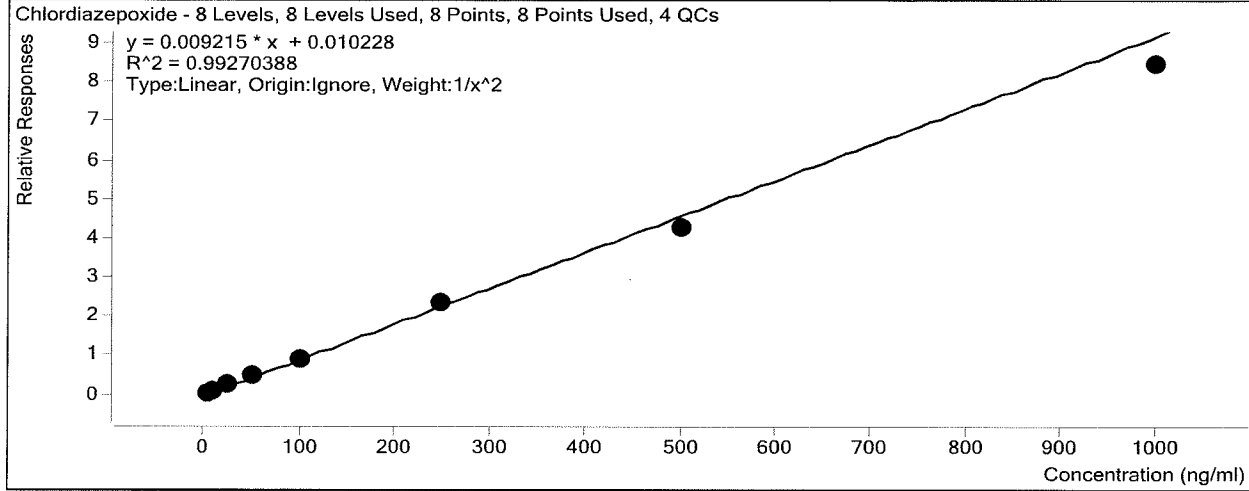
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	93.8
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	106.7
2a QC 10	2	<input checked="" type="checkbox"/>	10	11.3	112.8
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.7	110.7
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.1	108.2
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.3	101.3
2a QC 100	5	<input checked="" type="checkbox"/>	100	111.4	111.4
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.0	100.8
2a QC 250	6	<input checked="" type="checkbox"/>	250	264.2	105.7
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	454.8	91.0
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	875.5	87.5
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	933.4	93.3

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM **Analyst Name** ISP TOX

Target Compound *Chlordiazepoxide*
Internal Standard *Chlordiazepoxide-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.6
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	105.1
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.9	108.7
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	28.2	112.7
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.8	105.5
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.7	95.7
2a QC 100	5	<input checked="" type="checkbox"/>	100	106.0	106.0
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.1	101.7
2a QC 250	6	<input checked="" type="checkbox"/>	250	239.8	95.9
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	464.8	93.0
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	916.5	91.6
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1008.9	100.9

ISP Forensics Calibration Curve Report

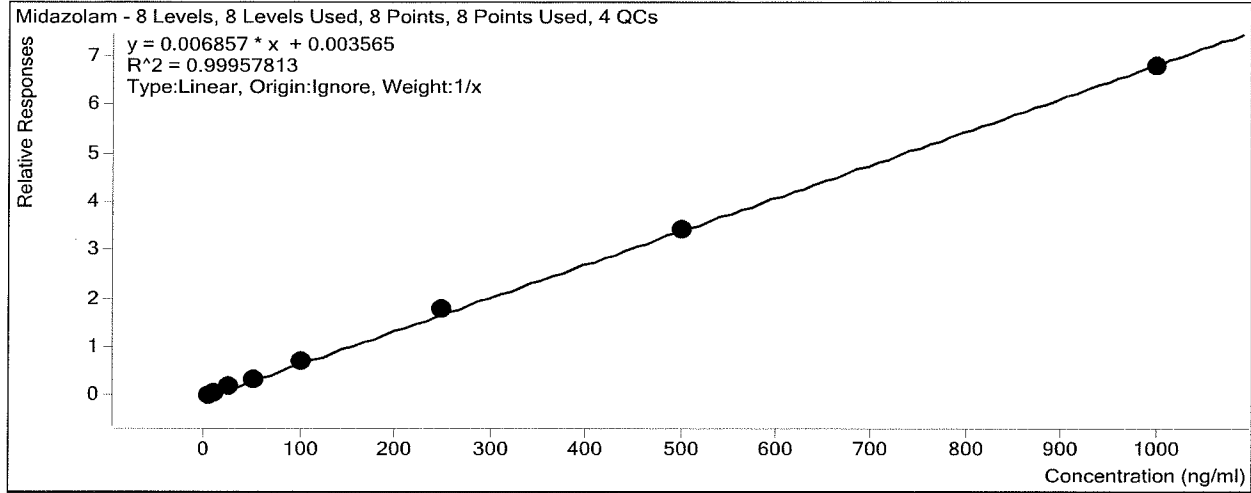
Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound Midazolam

Internal Standard Midazolam-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	93.0
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.4
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.7	96.9
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.7	106.9
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.2	100.4
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.8	101.8
2a QC 100	5	<input checked="" type="checkbox"/>	100	100.1	100.1
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.3	104.1
2a QC 250	6	<input checked="" type="checkbox"/>	250	247.4	99.0
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.4	99.5
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	989.4	98.9
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1007.9	100.8

ISP Forensics Calibration Curve Report

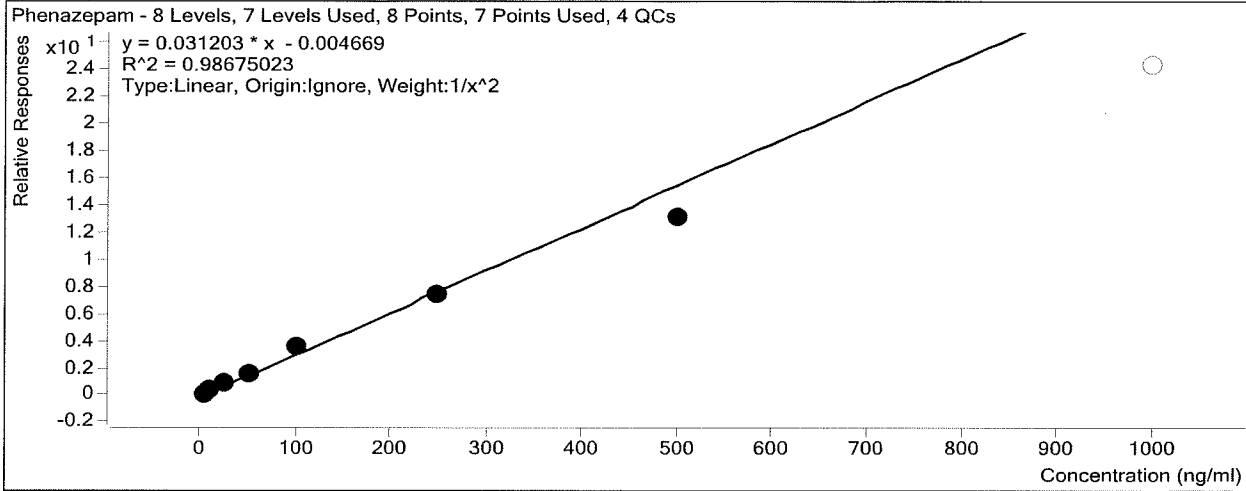
Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound Phenazepam

Internal Standard Phenazepam-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.7
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	107.2
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.7	96.9
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.0	108.2
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.7
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	112.7	112.7
2a QC 100	5	<input checked="" type="checkbox"/>	100	94.9	94.9
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	239.9	96.0
2a QC 250	6	<input checked="" type="checkbox"/>	250	199.0	79.6
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	422.5	84.5
2a cal 8-1000ng	8	<input type="checkbox"/>	1000	779.1	77.9
2a QC 1000	8	<input type="checkbox"/>	1000	802.3	80.2

ISP Forensics Calibration Curve Report

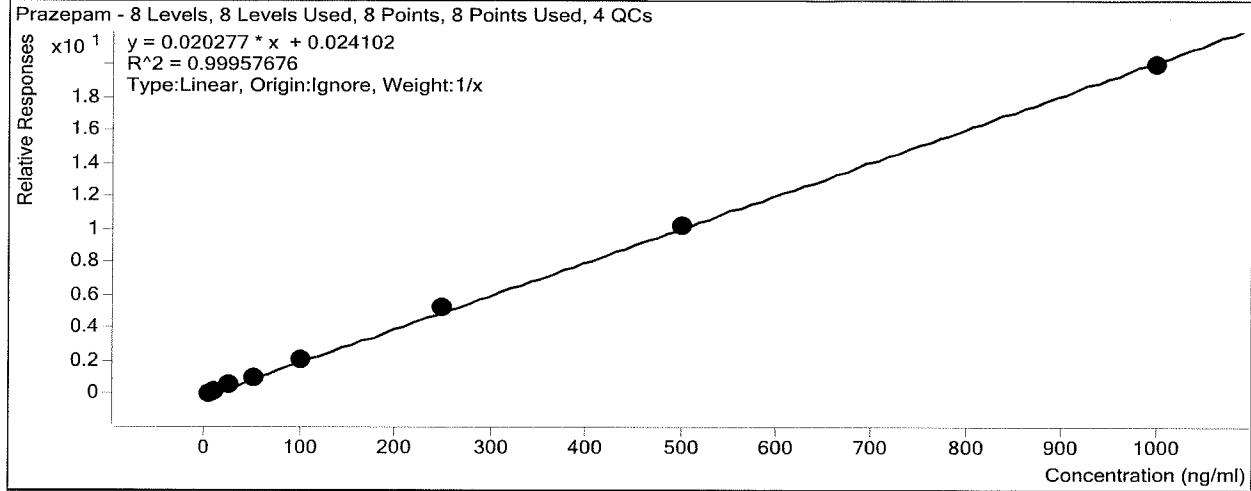
Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin

Last Calib Update 12/8/2017 9:16 AM

Analyst Name ISP TOX

Target Compound Prazepam

Internal Standard Prazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.4	87.7
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.1
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	101.6
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.9	107.4
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.5	101.0
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.7	102.7
2a QC 100	5	<input checked="" type="checkbox"/>	100	105.5	105.5
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	257.2	102.9
2a QC 250	6	<input checked="" type="checkbox"/>	250	258.2	103.3
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	503.4	100.7
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	985.0	98.5
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1001.7	100.2

ISP FORENSICS - Cd'A Instrument # 62340

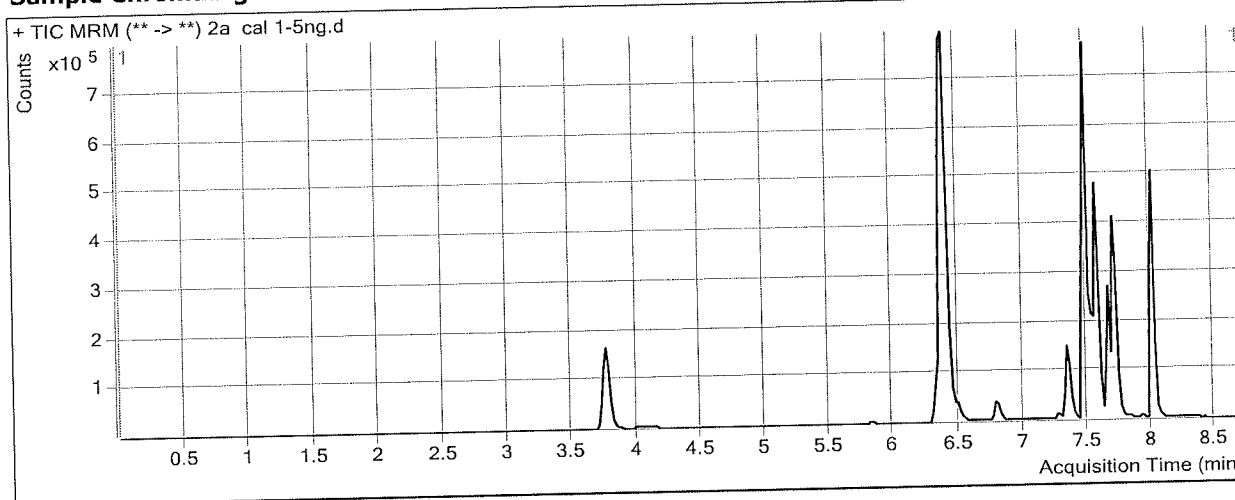
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin
Analysis Time 12/8/2017 9:16 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:34 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:16 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 08:37 **Data File** 2a cal 1-5ng.d
Sample Type Calibration **Sample Name** 2a cal 1-5ng
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-A5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.770	65409	603775	0.1083	4.5910
Levamisole	Cocaine-D3	4.104	28171	718623	0.0392	6.3777
Benzoylcegonine	Benzoylcegonine-D8	5.851	2757	8235	0.3348	9.7653
Zopiclone	Zopiclone-D4	6.328	15125	134386	0.1126	4.5319
Cocaine	Cocaine-D3	6.372	87504	718623	0.1218	4.4896
Methylphenidate	Methylphenidate-D4	6.425	174887	1454350	0.1203	4.7471
Metoprolol	Methylphenidate-D4	6.421	21445	1454350	0.0147	4.7047
Ondansetron	Zopiclone-D4	6.496	47393	134386	0.3527	5.0309
Mirtazapine	Methylphenidate-D4	6.785	74900	1454350	0.0515	5.0137
Mitragynine	Doxepin-D3	7.272	8443	367653	0.0230	5.2453
Doxepin	Doxepin-D3	7.344	38211	367653	0.1039	4.3859
Carbamazepine	Carbamazepine-13C6	7.493	166899	1706408	0.0978	4.3556
Protriptyline	Protriptyline-D3	7.531	30831	305282	0.1010	5.2222
Maprotiline	Amitriptyline-D3	7.547	22411	243299	0.0921	0.8191
Amitriptyline	Amitriptyline-D3	7.567	69222	243299	0.2845	4.6994
Estazolam	Estazolam-D5	7.563	38404	329466	0.1166	5.1845
Nortriptyline	Nortriptyline-D3	7.571	31981	263232	0.1215	5.1582
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	43559	534669	0.0815	4.6883
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	23526	437009	0.0538	4.7321
Midazolam	Midazolam-D4	7.721	15989	451194	0.0354	4.6482
Phenazepam	Phenazepam-D4	7.739	4388	30675	0.1430	4.7339
Prazepam	Prazepam-D5	8.004	118304	1047200	0.1130	4.3827

ISP FORENSICS - Cd'A Instrument # 62340

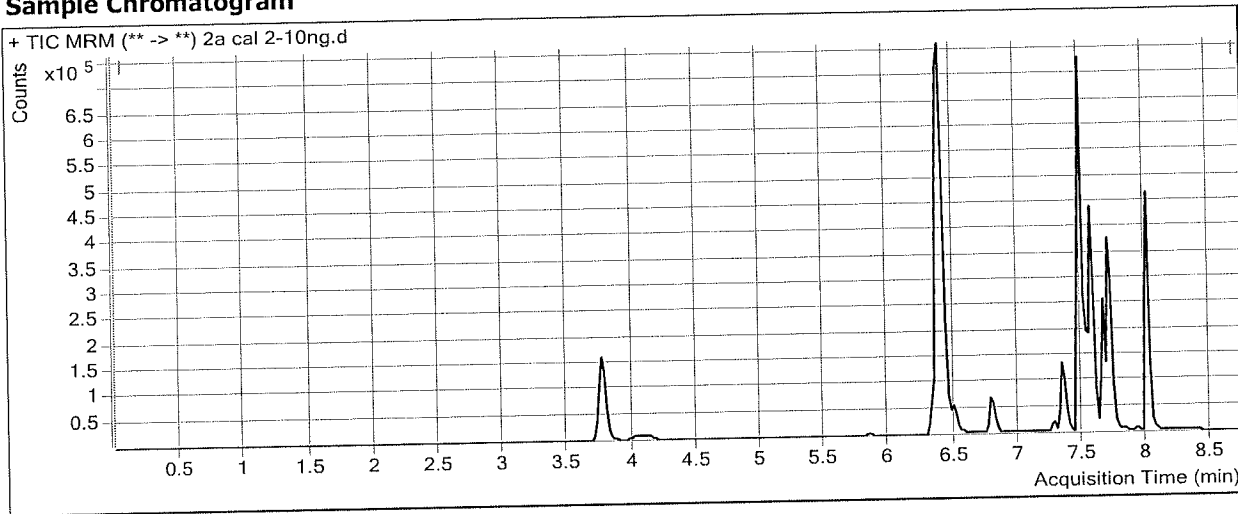
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin
Analysis Time 12/8/2017 9:16 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:34 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:16 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 09:02 **Data File** 2a cal 2-10ng.d
Sample Type Calibration **Sample Name** 2a cal 2-10ng
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-B5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.790	116125	529536	0.2193	9.9348
Levamisole	Cocaine-D3	4.104	49006	629185	0.0779	10.3717
Benzoylcegonine	Benzoylcegonine-D8	5.851	4859	7088	0.6856	12.9691
Zopiclone	Zopiclone-D4	6.328	24466	107570	0.2274	9.8686
Cocaine	Cocaine-D3	6.372	151791	629185	0.2412	9.6714
Methylphenidate	Methylphenidate-D4	6.425	294277	1270795	0.2316	9.8208
Metoprolol	Methylphenidate-D4	6.441	39174	1270795	0.0308	10.6114
Ondansetron	Zopiclone-D4	6.496	83515	107570	0.7764	10.2827
Mirtazapine	Methylphenidate-D4	6.785	134415	1270795	0.1058	10.2743
Mitragynine	Doxepin-D3	7.272	13994	323590	0.0432	9.1545
Doxepin	Doxepin-D3	7.344	58231	323590	0.1800	8.5413
Carbamazepine	Carbamazepine-13C6	7.493	300125	1457265	0.2060	10.0624
Protriptyline	Protriptyline-D3	7.531	46085	211257	0.2181	10.7332
Maprotiline	Amitriptyline-D3	7.547	28202	173073	0.1629	6.7701
Amitriptyline	Amitriptyline-D3	7.567	102166	173073	0.5903	10.8897
Estazolam	Estazolam-D5	7.563	61057	270092	0.2261	9.7172
Nortriptyline	Nortriptyline-D3	7.591	45554	194222	0.2345	9.9559
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	81181	462184	0.1756	10.6681
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	39452	368440	0.1071	10.5103
Midazolam	Midazolam-D4	7.721	27000	391527	0.0690	9.5372
Phenazepam	Phenazepam-D4	7.739	8010	24280	0.3299	10.7223
Prazepam	Prazepam-D5	8.004	189672	842814	0.2250	9.9098

ISP FORENSICS - Cd'A Instrument # 62340

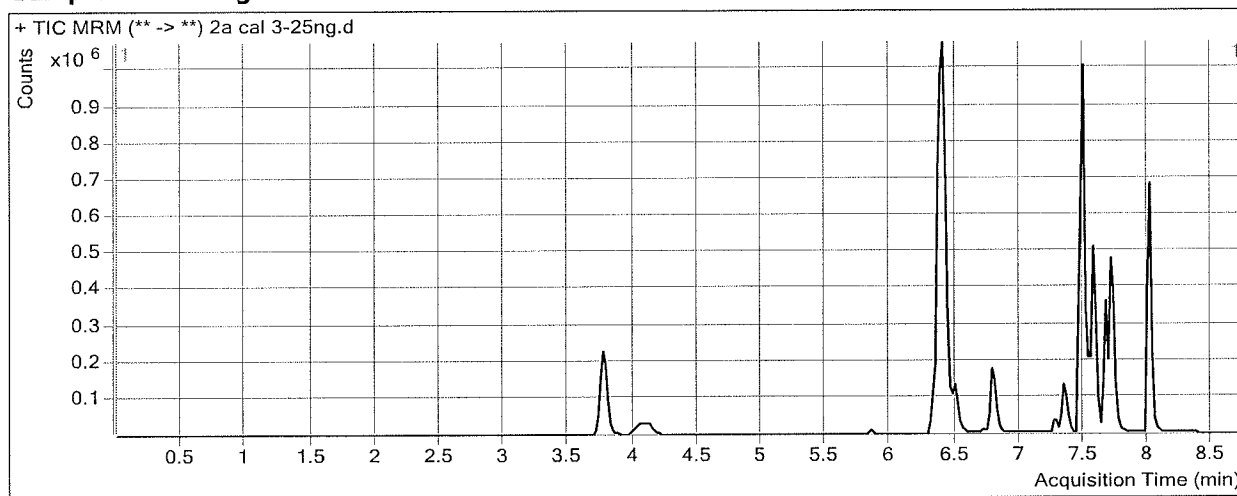
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin
Analysis Time 12/8/2017 9:16 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:34 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:16 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 09:28 **Data File** 2a cal 3-25ng.d
Sample Type Calibration **Sample Name** 2a cal 3-25ng
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-C5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.790	325756	587834	0.5542	26.0614
Levamisole	Cocaine-D3	4.104	147653	699986	0.2109	24.1074
Benzoylcegonine	Benzoylcegonine-D8	5.851	15019	7572	1.9836	24.8230
Zopiclone	Zopiclone-D4	6.328	71640	125477	0.5709	25.8235
Cocaine	Cocaine-D3	6.372	439399	699986	0.6277	26.4322
Methylphenidate	Methylphenidate-D4	6.425	821255	1387811	0.5918	26.2377
Metoprolol	Methylphenidate-D4	6.441	107330	1387811	0.0773	27.6965
Ondansetron	Zopiclone-D4	6.496	233022	125477	1.8571	23.6777
Mirtazapine	Methylphenidate-D4	6.785	344278	1387811	0.2481	24.0675
Mitragynine	Doxepin-D3	7.272	28740	224889	0.1278	25.4505
Doxepin	Doxepin-D3	7.344	122822	224889	0.5461	28.5573
Carbamazepine	Carbamazepine-13C6	7.493	839028	1630784	0.5145	26.3445
Protriptyline	Protriptyline-D3	7.531	66356	129064	0.5141	24.6568
Maprotiline	Amitriptyline-D3	7.547	45530	107143	0.4249	28.7808
Amitriptyline	Amitriptyline-D3	7.567	144899	107143	1.3524	26.3169
Estazolam	Estazolam-D5	7.563	185952	305083	0.6095	25.5909
Nortriptyline	Nortriptyline-D3	7.571	64647	108057	0.5983	25.3911
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	220690	497557	0.4435	27.6781
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	107470	398143	0.2699	28.1827
Midazolam	Midazolam-D4	7.721	79855	427500	0.1868	26.7216
Phenazepam	Phenazepam-D4	7.739	18821	22427	0.8392	27.0451
Prazepam	Prazepam-D5	8.004	546643	961258	0.5687	26.8561

ISP FORENSICS - Cd'A Instrument # 62340

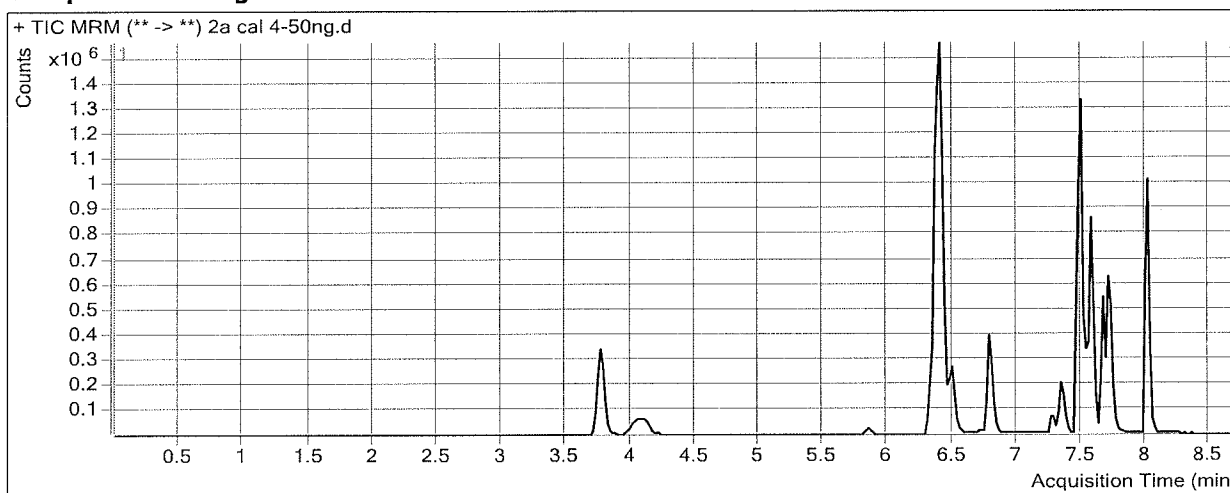
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin
Analysis Time 12/8/2017 9:16 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:34 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:16 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 09:53 **Data File** 2a cal 4-50ng.d
Sample Type Calibration **Sample Name** 2a cal 4-50ng
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-D5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.770	680689	633106	1.0752	51.1513
Levamisole	Cocaine-D3	4.084	318211	761467	0.4179	45.4730
Benzoylcegonine	Benzoylcegonine-D8	5.851	34493	8974	3.8436	41.8106
Zopiclone	Zopiclone-D4	6.328	156194	138865	1.1248	51.5495
Cocaine	Cocaine-D3	6.352	914560	761467	1.2011	51.2964
Methylphenidate	Methylphenidate-D4	6.405	1720597	1539304	1.1178	50.2124
Metoprolol	Methylphenidate-D4	6.421	228225	1539304	0.1483	53.7501
Ondansetron	Zopiclone-D4	6.496	494654	138865	3.5621	44.8114
Mirtazapine	Methylphenidate-D4	6.785	734948	1539304	0.4775	46.3015
Mitragynine	Doxepin-D3	7.272	62163	268443	0.2316	45.4502
Doxepin	Doxepin-D3	7.344	260296	268443	0.9696	51.7061
Carbamazepine	Carbamazepine-13C6	7.493	1705591	1672763	1.0196	53.0008
Protriptyline	Protriptyline-D3	7.531	143306	145654	0.9839	46.7539
Maprotiline	Amitriptyline-D3	7.547	104238	122224	0.8528	64.7289
Amitriptyline	Amitriptyline-D3	7.567	325492	122224	2.6631	52.8492
Estazolam	Estazolam-D5	7.563	367654	326576	1.1258	46.9628
Nortriptyline	Nortriptyline-D3	7.571	148261	126710	1.1701	49.6570
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	464726	540423	0.8599	54.1161
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	196266	395353	0.4964	52.7629
Midazolam	Midazolam-D4	7.721	165771	476480	0.3479	50.2180
Phenazepam	Phenazepam-D4	7.739	34709	23067	1.5047	48.3731
Prazepam	Prazepam-D5	8.004	1122022	1070139	1.0485	50.5183

ISP FORENSICS - Cd'A Instrument # 62340

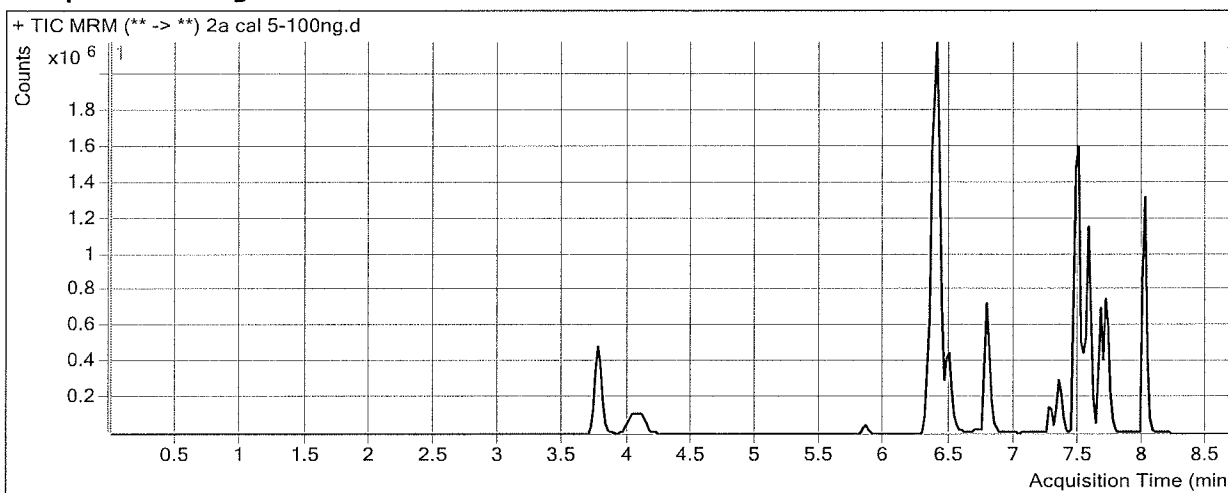
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin
Analysis Time 12/8/2017 9:16 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:34 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:16 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 10:19 **Data File** 2a cal 5-100ng.d
Sample Type Calibration **Sample Name** 2a cal 5-100ng
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-E5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.770	1252030	594515	2.1060	100.7932
Levamisole	Cocaine-D3	4.084	588816	692248	0.8506	90.1434
Benzoylcegonine	Benzoylcegonine-D8	5.851	66306	7772	8.5318	84.6265
Zopiclone	Zopiclone-D4	6.328	258336	116417	2.2190	102.3765
Cocaine	Cocaine-D3	6.352	1684557	692248	2.4335	104.7439
Methylphenidate	Methylphenidate-D4	6.405	3083445	1385487	2.2255	100.7018
Metoprolol	Methylphenidate-D4	6.421	395329	1385487	0.2853	104.1002
Ondansetron	Zopiclone-D4	6.496	895308	116417	7.6905	95.9815
Mirtazapine	Methylphenidate-D4	6.785	1383202	1385487	0.9984	96.7918
Mitragynine	Doxepin-D3	7.252	125919	249696	0.5043	98.0132
Doxepin	Doxepin-D3	7.344	479631	249696	1.9209	103.6994
Carbamazepine	Carbamazepine-13C6	7.493	2812474	1465901	1.9186	100.4404
Protriptyline	Protriptyline-D3	7.531	223194	111390	2.0037	94.7285
Maprotiline	Amitriptyline-D3	7.547	154931	103558	1.4961	118.7686
Amitriptyline	Amitriptyline-D3	7.567	512674	103558	4.9506	99.1567
Estazolam	Estazolam-D5	7.563	601050	268507	2.2385	93.0252
Nortriptyline	Nortriptyline-D3	7.571	214143	94965	2.2550	95.6965
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	775102	483591	1.6028	101.2842
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	296686	332474	0.8924	95.7286
Midazolam	Midazolam-D4	7.721	286992	408988	0.7017	101.8156
Phenazepam	Phenazepam-D4	7.739	54460	15507	3.5120	112.7037
Prazepam	Prazepam-D5	8.004	1921726	912013	2.1071	102.7262

ISP FORENSICS - Cd'A Instrument # 62340

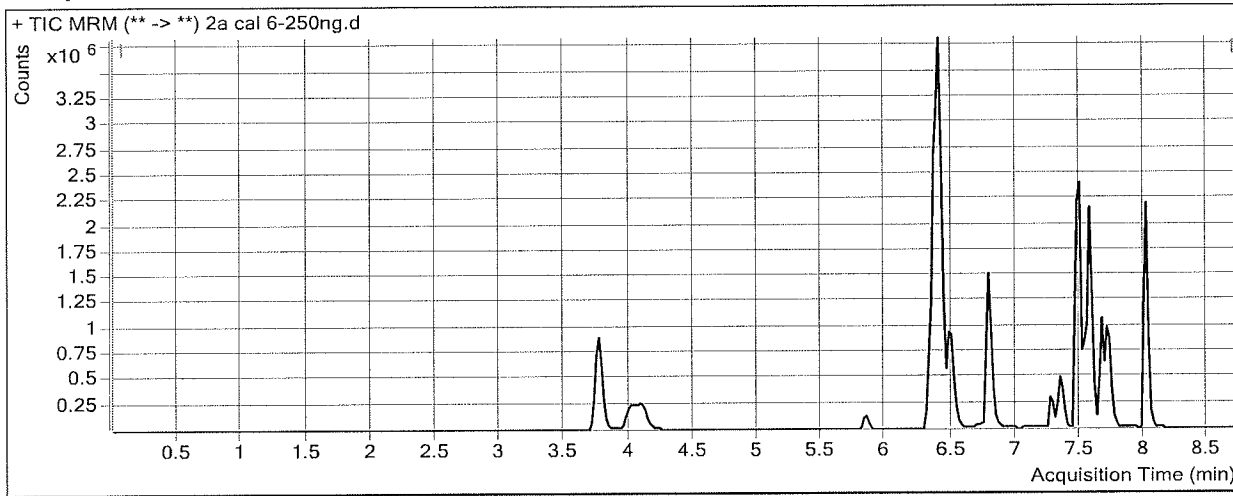
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin
Analysis Time 12/8/2017 9:16 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:34 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:16 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 10:44 **Data File** 2a cal 6-250ng.d
Sample Type Calibration **Sample Name** 2a cal 6-250ng
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-F5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.770	2812500	532106	5.2856	253.9176
Levamisole	Cocaine-D3	4.084	1343107	625655	2.1467	223.9542
Benzoylcegonine	Benzoylcegonine-D8	5.851	190709	7369	25.8813	243.0748
Zopiclone	Zopiclone-D4	6.328	490952	88632	5.5392	256.5938
Cocaine	Cocaine-D3	6.352	3685801	625655	5.8911	254.6965
Methylphenidate	Methylphenidate-D4	6.405	6619719	1183368	5.5940	254.2285
Metoprolol	Methylphenidate-D4	6.421	778050	1183368	0.6575	240.8019
Ondansetron	Zopiclone-D4	6.496	1966782	88632	22.1903	275.7030
Mirtazapine	Methylphenidate-D4	6.785	2878179	1183368	2.4322	235.7739
Mitragynine	Doxepin-D3	7.252	251667	207385	1.2135	234.7070
Doxepin	Doxepin-D3	7.344	1016952	207385	4.9037	266.7414
Carbamazepine	Carbamazepine-13C6	7.493	5270601	1083569	4.8641	255.8780
Protriptyline	Protriptyline-D3	7.531	525893	100702	5.2223	246.1336
Maprotiline	Amitriptyline-D3	7.547	373147	96853	3.8527	316.7523
Amitriptyline	Amitriptyline-D3	7.567	1257386	96853	12.9824	261.7462
Estazolam	Estazolam-D5	7.563	1079316	167814	6.4316	266.6079
Nortriptyline	Nortriptyline-D3	7.571	556931	92416	6.0263	255.7419
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	1448155	364115	3.9772	252.0440
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	486191	206707	2.3521	254.1369
Midazolam	Midazolam-D4	7.721	611147	341753	1.7883	260.2764
Phenazepam	Phenazepam-D4	7.739	79500	10627	7.4810	239.9021
Prazepam	Prazepam-D5	8.004	3810434	727201	5.2399	257.2201

ISP FORENSICS - Cd'A Instrument # 62340

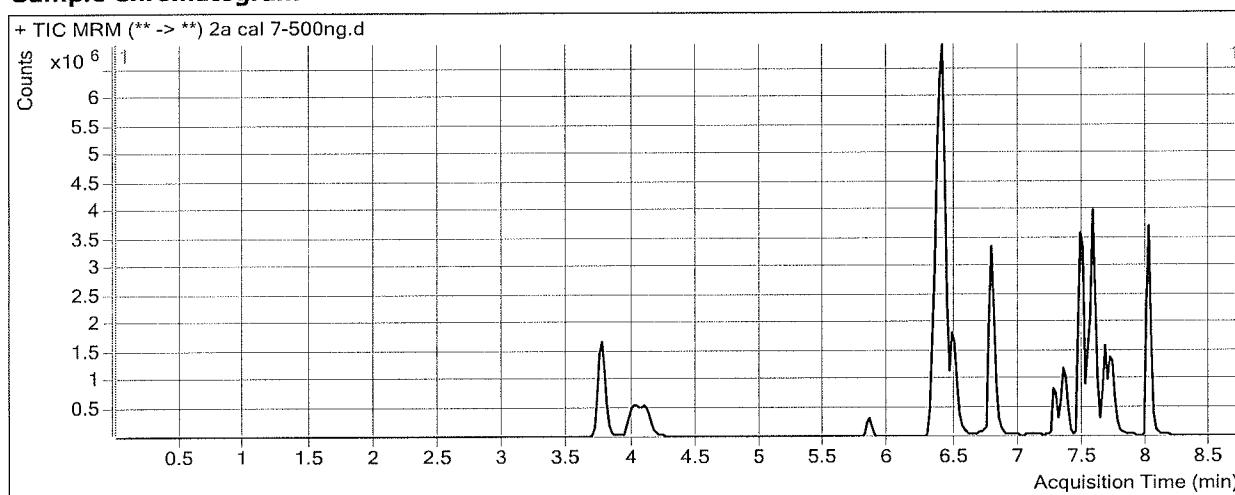
Multi-Drug Confirmatory Analysis Report

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Analysis Time 12/8/2017 9:16 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:34 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:16 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 11:10 **Data File** 2a cal 7-500ng.d
Sample Type Calibration **Sample Name** 2a cal 7-500ng
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-G5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.770	5848240	556264	10.5134	505.6792
Levamisole	Cocaine-D3	4.004	3083454	671044	4.5950	476.7102
Benzoylcegonine	Benzoylcegonine-D8	5.851	474570	8319	57.0461	527.6960
Zopiclone	Zopiclone-D4	6.328	984480	90706	10.8536	503.4409
Cocaine	Cocaine-D3	6.352	7699914	671044	11.4745	496.8398
Methylphenidate	Methylphenidate-D4	6.405	13314900	1219862	10.9151	496.7553
Metoprolol	Methylphenidate-D4	6.421	1348742	1219862	1.1057	405.4253
Ondansetron	Zopiclone-D4	6.476	3872252	90706	42.6903	529.7947
Mirtazapine	Methylphenidate-D4	6.785	6648778	1219862	5.4504	528.3318
Mitragynine	Doxepin-D3	7.252	735424	284692	2.5832	498.6943
Doxepin	Doxepin-D3	7.344	2673131	284692	9.3895	511.9385
Carbamazepine	Carbamazepine-13C6	7.473	8051231	863875	9.3199	491.0143
Protriptyline	Protriptyline-D3	7.531	1223013	111317	10.9868	517.3007
Maprotiline	Amitriptyline-D3	7.547	845581	130958	6.4569	535.5332
Amitriptyline	Amitriptyline-D3	7.567	3088589	130958	23.5846	476.3692
Estazolam	Estazolam-D5	7.563	1465685	112666	13.0092	538.8970
Nortriptyline	Nortriptyline-D3	7.571	1271820	111133	11.4441	485.6570
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	2329422	324863	7.1705	454.7986
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	680807	158561	4.2937	464.8375
Midazolam	Midazolam-D4	7.721	1164856	341190	3.4141	497.3822
Phenazepam	Phenazepam-D4	7.739	121385	9210	13.1798	422.5377
Prazepam	Prazepam-D5	8.004	7364207	719806	10.2308	503.3538

ISP FORENSICS - Cd'A Instrument # 62340

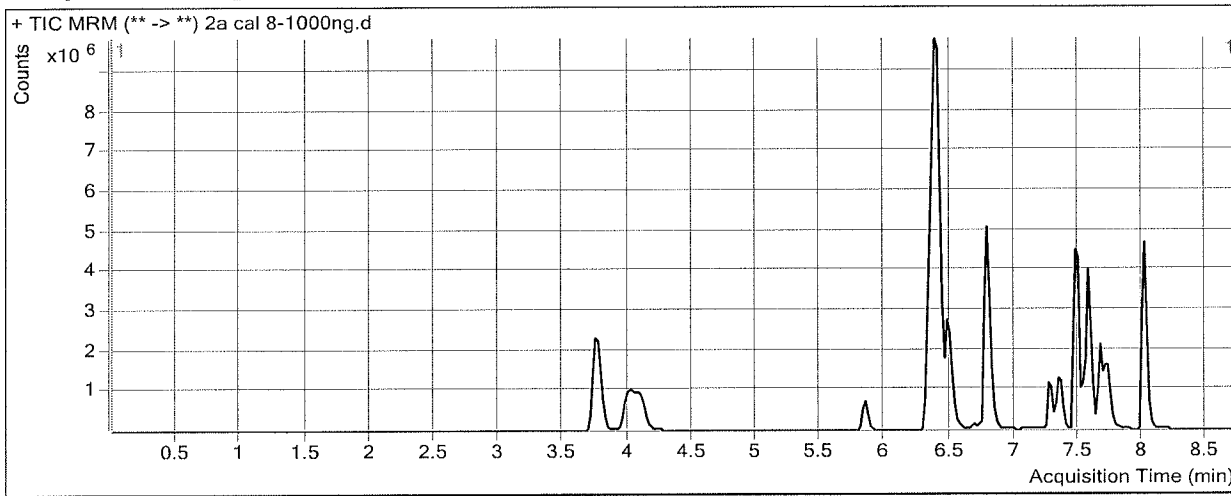
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2a.batch.bin
Analysis Time 12/8/2017 9:16 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:34 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:16 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 11:35 **Data File** 2a cal 8-1000ng.d
Sample Type Calibration **Sample Name** 2a cal 8-1000ng
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-H5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.770	9296762	452923	20.5261	987.8715
Levamisole	Cocaine-D3	4.004	5537977	539098	10.2727	1062.8623
Benzoylcegonine	Benzoylcegonine-D8	5.851	1118226	8046	138.9789	1275.9689
Zopiclone	Zopiclone-D4	6.328	1086218	51144	21.2386	985.8154
Cocaine	Cocaine-D3	6.352	12338951	539098	22.8882	991.8303
Methylphenidate	Methylphenidate-D4	6.405	19663830	898009	21.8971	997.2963
Metoprolol	Methylphenidate-D4	6.421	1831880	898009	2.0399	748.6143
Ondansetron	Zopiclone-D4	6.476	6173966	51144	120.7184	1496.9316
Mirtazapine	Methylphenidate-D4	6.785	10315023	898009	11.4865	1113.4115
Mitragynine	Doxepin-D3	7.252	1003965	162425	6.1811	1192.1252
Doxepin	Doxepin-D3	7.344	2869698	162425	17.6678	964.4300
Carbamazepine	Carbamazepine-13C6	7.473	11008050	581074	18.9443	998.9040
Protriptyline	Protriptyline-D3	7.531	912530	43186	21.1305	994.4710
Maprotiline	Amitriptyline-D3	7.567	628791	60612	10.3740	864.6171
Amitriptyline	Amitriptyline-D3	7.567	2608689	60612	43.0390	870.1918
Estazolam	Estazolam-D5	7.563	2437647	105815	23.0369	954.0145
Nortriptyline	Nortriptyline-D3	7.591	936879	39258	23.8646	1012.7424
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	3379333	244954	13.7958	875.4680
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	802381	94895	8.4554	916.4726
Midazolam	Midazolam-D4	7.721	1690569	249058	6.7879	989.4009
Phenazepam	Phenazepam-D4	7.739	159255	6552	24.3048	779.0701
Prazepam	Prazepam-D5	8.004	10372722	518687	19.9980	985.0331

ISP FORENSICS - Cd'A Instrument # 62340

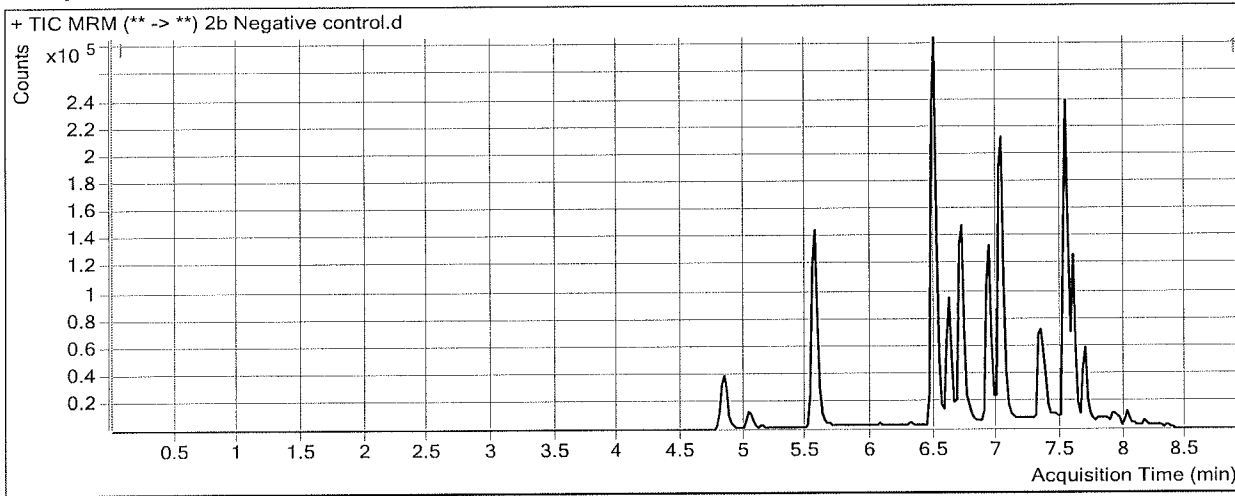
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin
Analysis Time 12/8/2017 9:17 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:37 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 12:26 **Data File** 2b Negative control.d
Sample Type Sample **Sample Name** 2b Negative control
Dilution 1 **Acq Method** MDQ Panel 2b 8-8-17.m
Position P1-E6 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.681	7382	116914	0.0631	2.8026 <i>LS</i>

ISP FORENSICS - Cd'A Instrument # 62340

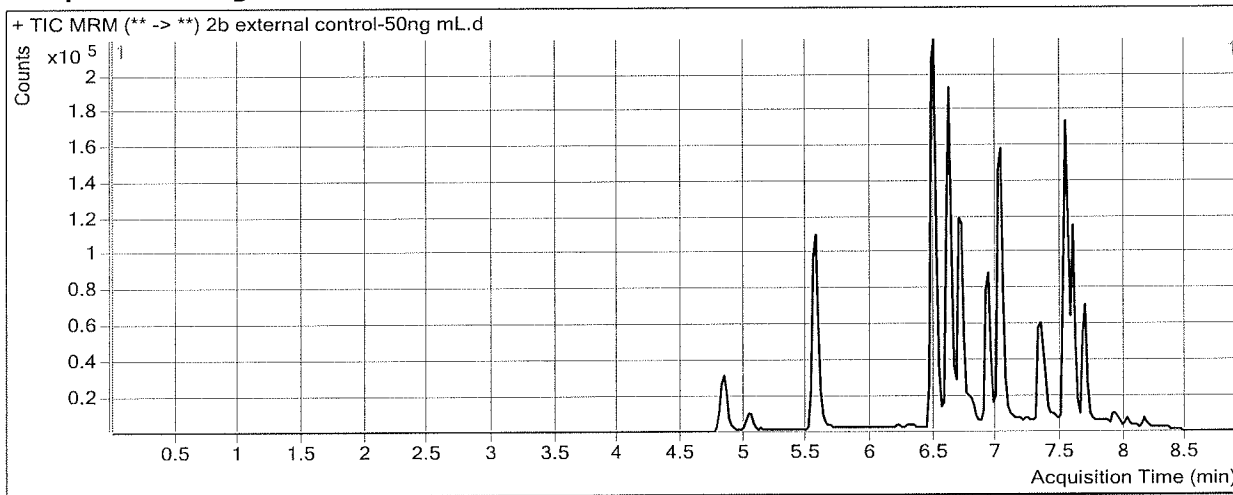
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin
Analysis Time 12/8/2017 9:17 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:37 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 12:52 **Data File** 2b external control-50ng mL.d
Sample Type Sample **Sample Name** 2b external control-50ng mL
Dilution 1 **Acq Method** MDQ Panel 2b 8-8-17.m
Position P1-F6 **Sample Info**
Inj Vol -1 **Comment** AM 28 meperidine 50ng

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Meperidine	Meperidine-D4	6.616	231180	197599	1.1699	57.5791

ISP FORENSICS - Cd'A Instrument # 62340

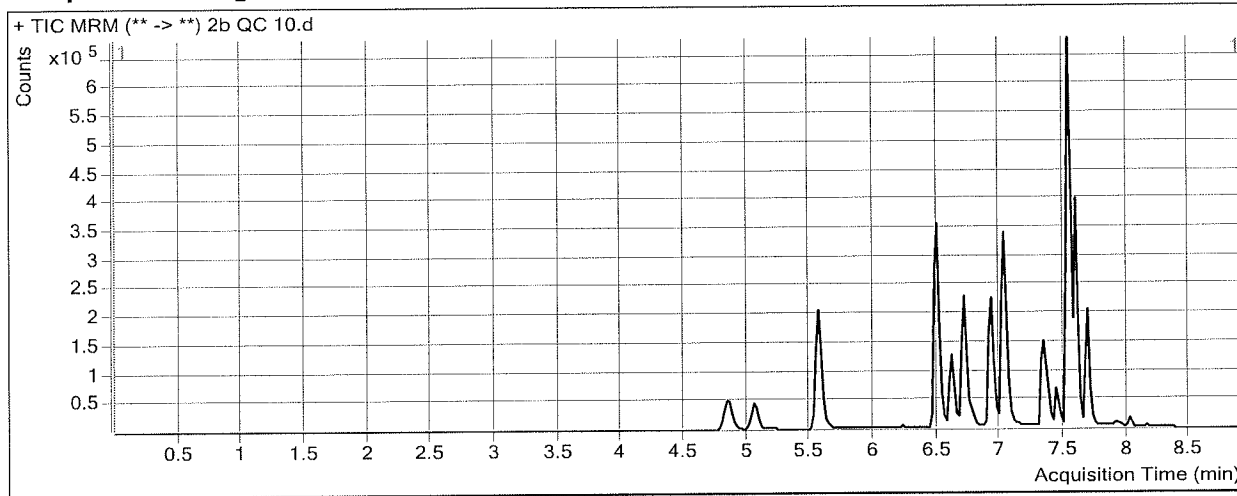
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin
Analysis Time 12/8/2017 9:17 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:37 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 13:17 **Data File** 2b QC 10.d
Sample Type QC **Sample Name** 2b QC 10
Dilution 1 **Acq Method** MDQ Panel 2b 8-8-17.m
Position P1-A6 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.850	61650	170477	0.3616	9.9467
MDMA	MDMA-D6	5.048	78286	45759	1.7108	10.0845
MDEA	MDEA-D6	5.568	91192	497317	0.1834	9.7051
Primidone	Tapentadol-D3	6.215	6219	859986	0.0072	9.3185
Tapentadol	Tapentadol-D3	6.503	186271	859986	0.2166	9.7169
Meperidine	Meperidine-D4	6.616	59961	291278	0.2059	9.5960
Normeperidine	Normeperidine-D4	6.724	76670	246664	0.3108	10.0324
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.736	53301	231451	0.2303	10.2696
Pentazocine	Pentazocine-13C3	6.919	136298	425258	0.3205	10.4699
Phencyclidine	Phencyclidine-D5	7.028	165818	785165	0.2112	10.2306
Flurazepam	Flunitrazepam-D7	7.335	146245	49914	2.9299	9.8401
Zaleplon	Zaleplon-D4	7.341	44829	160337	0.2796	10.3701
Phenytoin	Phenytoin-D10	7.389	2563	12010	0.2134	11.1697
Verapamil	Trimipramine-D3	7.415	114809	564022	0.2036	9.5675
Amoxapine	Clomipramine-D3	7.500	24081	347017	0.0694	10.8573
Propoxyphene	Propoxyphene-D11	7.517	159223	183984	0.8654	9.3540
Flunitrazepam	Flunitrazepam-D7	7.520	49248	49914	0.9866	10.4353
Imipramine	Imipramine-D3	7.528	159879	402832	0.3969	10.4592
Desipramine	Desipramine-D3	7.549	98179	432682	0.2269	10.8220
Trimipramine	Trimipramine-D3	7.586	134583	564022	0.2386	10.4762
Clomipramine	Clomipramine-D3	7.681	69265	347017	0.1996	10.3521
Norpropoxyphene	Norpropoxyphene-D5	7.929	5000	15744	0.3176	10.1378

ISP FORENSICS - Cd'A Instrument # 62340

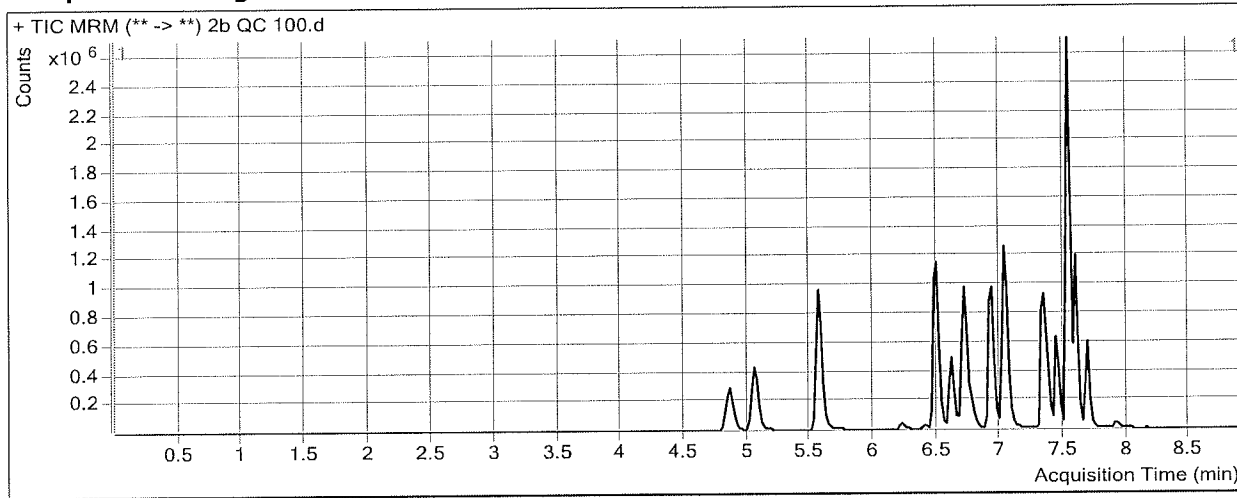
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin
Analysis Time 12/8/2017 9:17 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:37 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 15:50 **Data File** 2b QC 100.d
Sample Type QC **Sample Name** 2b QC 100
Dilution 1 **Acq Method** MDQ Panel 2b 8-8-17.m
Position P1-B6 **Sample Info**
Inj Vol -i **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.850	680288	199842	3.4041	104.1392
MDMA	MDMA-D6	5.048	979136	57650	16.9841	109.0218
MDEA	MDEA-D6	5.548	1080230	591291	1.8269	107.8640
Primidone	Tapentadol-D3	6.215	82256	972097	0.0846	102.3875
Tapentadol	Tapentadol-D3	6.503	2165011	972097	2.2272	105.6087
Meperidine	Meperidine-D4	6.616	695052	336068	2.0682	102.2849
Normeperidine	Normeperidine-D4	6.724	781460	262971	2.9717	108.0782
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.736	652410	293755	2.2209	104.1286
Pentazocine	Pentazocine-13C3	6.919	1485169	477949	3.1074	104.8256
Phencyclidine	Phencyclidine-D5	7.028	1838398	875974	2.0987	108.0346
Flurazepam	Flunitrazepam-D7	7.315	1564471	32077	48.7722	143.8129
Zaleplon	Zaleplon-D4	7.341	488329	171456	2.8481	102.9538
Phenytoin	Phenytoin-D10	7.389	29703	14846	2.0008	96.3764
Verapamil	Trimipramine-D3	7.415	1183085	538133	2.1985	83.5122
Amoxapine	Clomipramine-D3	7.500	189675	305105	0.6217	91.3203
Propoxyphene	Propoxyphene-D11	7.517	1528950	186539	8.1964	95.8470
Flunitrazepam	Flunitrazepam-D7	7.520	374729	32077	11.6821	122.6798
Imipramine	Imipramine-D3	7.528	1273170	309877	4.1086	111.6473
Desipramine	Desipramine-D3	7.549	766700	366542	2.0917	102.8282
Trimipramine	Trimipramine-D3	7.586	1163936	538133	2.1629	101.5170
Clomipramine	Clomipramine-D3	7.681	521382	305105	1.7089	93.8511
Norpropoxyphene	Norpropoxyphene-D5	7.929	72534	23937	3.0302	92.0645

ISP FORENSICS - Cd'A Instrument # 62340

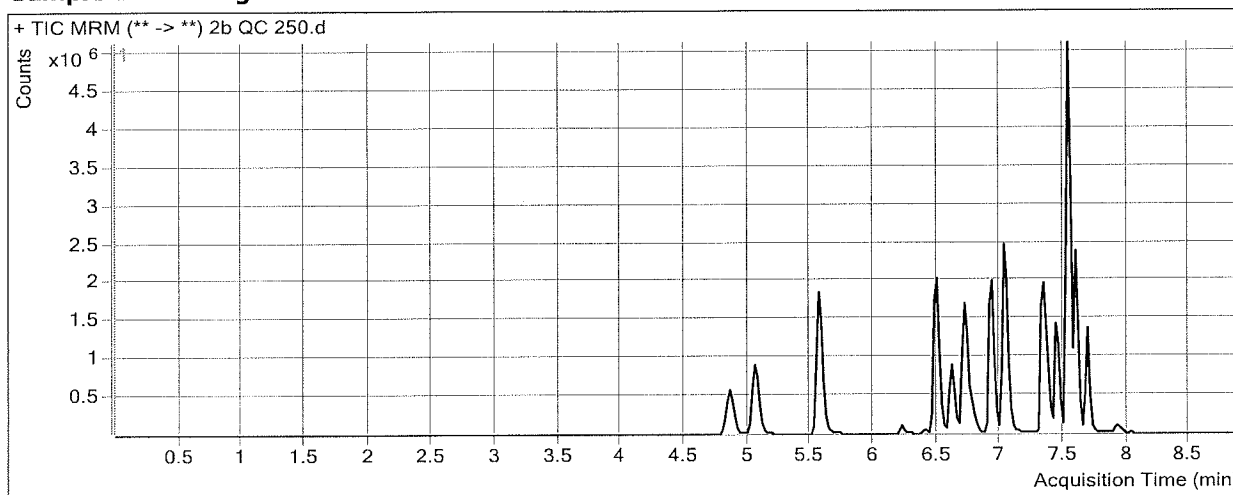
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin
Analysis Time 12/8/2017 9:17 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:37 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 16:16 **Data File** 2b QC 250.d
Sample Type QC **Sample Name** 2b QC 250
Dilution 1 **Acq Method** MDQ Panel 2b 8-8-17.m
Position P1-C6 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.850	1509089	176405	8.5547	263.5956
MDMA	MDMA-D6	5.048	2107939	52583	40.0876	258.6825
MDEA	MDEA-D6	5.548	2385262	564342	4.2266	251.1860
Primidone	Tapentadol-D3	6.215	197875	868007	0.2280	274.7854
Tapentadol	Tapentadol-D3	6.503	4537113	868007	5.2270	248.6860
Meperidine	Meperidine-D4	6.616	1549363	316914	4.8889	242.6733
Normeperidine	Normeperidine-D4	6.724	1528445	214588	7.1227	261.0348
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.736	1387842	270323	5.1340	241.4804
Pentazocine	Pentazocine-13C3	6.919	3297152	448817	7.3463	248.3440
Phencyclidine	Phencyclidine-D5	7.028	4114501	837903	4.9105	253.7319
Flurazepam	Flunitrazepam-D7	7.315	3624949	23105	156.8873	459.7768
Zaleplon	Zaleplon-D4	7.341	976487	143798	6.7907	245.0638
Phenytoin	Phenytoin-D10	7.389	75292	13686	5.5016	263.2736
Verapamil	Trimipramine-D3	7.415	2903961	538311	5.3946	201.9780
Amoxapine	Clomipramine-D3	7.500	393861	323370	1.2180	178.1998
Propoxyphene	Propoxyphene-D11	7.517	3774218	181543	20.7896	244.4258
Flunitrazepam	Flunitrazepam-D7	7.520	591678	23105	25.6077	268.8226
Imipramine	Imipramine-D3	7.528	2584431	325548	7.9387	216.0611
Desipramine	Desipramine-D3	7.549	1626111	320576	5.0725	249.8937
Trimipramine	Trimipramine-D3	7.586	2804536	538311	5.2099	245.6718
Clomipramine	Clomipramine-D3	7.681	1490894	323370	4.6105	254.3821
Norpropoxyphene	Norpropoxyphene-D5	7.929	204476	26054	7.8482	237.5802

ISP FORENSICS - Cd'A Instrument # 62340

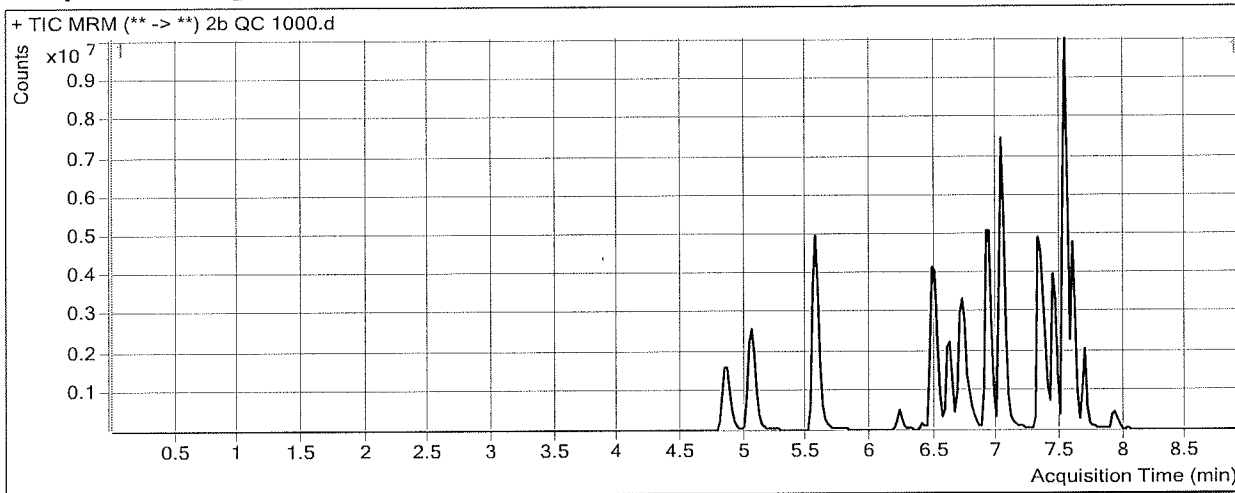
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin
Analysis Time 12/8/2017 9:17 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:37 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 16:41 **Data File** 2b QC 1000.d
Sample Type QC **Sample Name** 2b QC 1000
Dilution 1 **Acq Method** MDQ Panel 2b 8-8-17.m
Position P1-D6 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.850	4675884	144592	32.3385	999.9191
MDMA	MDMA-D6	5.048	6694510	42189	158.6792	1026.8970
MDEA	MDEA-D6	5.548	7309823	430225	16.9907	1013.5136
Primidone	Tapentadol-D3	6.215	869330	553665	1.5701	1888.9632 ★
Tapentadol	Tapentadol-D3	6.483	12027426	553665	21.7233	1035.4614
Meperidine	Meperidine-D4	6.616	4579368	230772	19.8437	986.9777
Normeperidine	Normeperidine-D4	6.703	3648253	134073	27.2109	1001.2410
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.736	3770570	209162	18.0270	849.3859
Pentazocine	Pentazocine-13C3	6.899	10043137	343067	29.2746	990.7725
Phencyclidine	Phencyclidine-D5	7.028	13601915	718409	18.9334	980.3521
Flurazepam	Flunitrazepam-D7	7.315	10433481	8934	1167.7948	3414.1302 ★
Zaleplon	Zaleplon-D4	7.341	2295390	80861	28.3870	1023.5048
Phenytoin	Phenytoin-D10	7.389	310750	14537	21.3770	1020.1067
Verapamil	Trimipramine-D3	7.415	8510544	321200	26.4961	984.1265
Amoxapine	Clomipramine-D3	7.500	511706	130866	3.9101	570.4303 ★
Propoxyphene	Propoxyphene-D11	7.517	10423728	123553	84.3662	994.5209
Flunitrazepam	Flunitrazepam-D7	7.520	988329	8934	110.6214	1161.0030
Imipramine	Imipramine-D3	7.528	6028091	147778	40.7915	1111.6818
Desipramine	Desipramine-D3	7.549	2812106	140745	19.9802	985.4152
Trimipramine	Trimipramine-D3	7.586	6300233	321200	19.6147	927.1777
Clomipramine	Clomipramine-D3	7.681	2362817	130866	18.0552	998.2046
Norpropoxyphene	Norpropoxyphene-D5	7.929	1031128	29476	34.9818	1057.0744

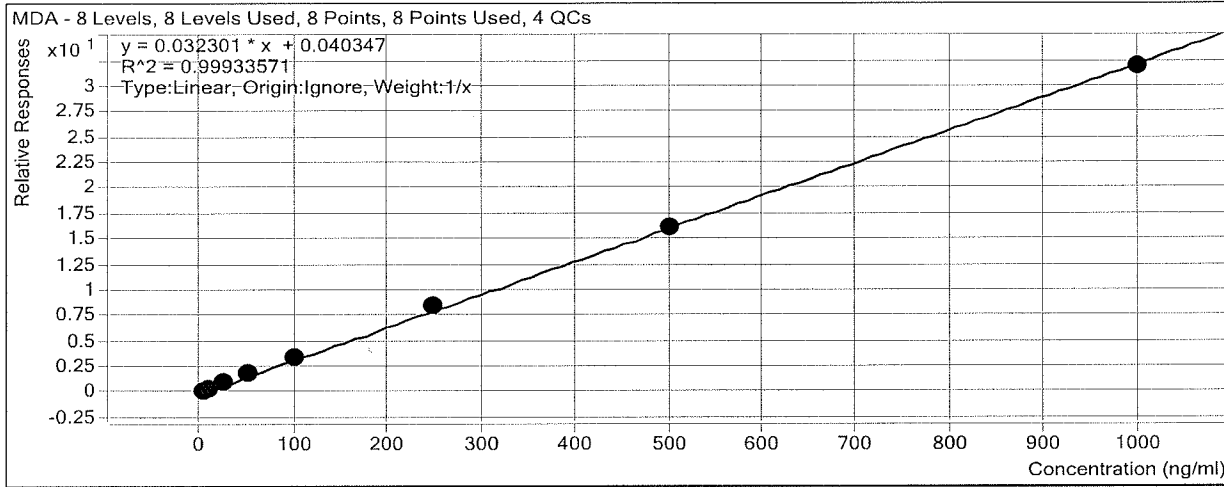
★ outside range of curve ★

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound MDA
Internal Standard MDA-D5



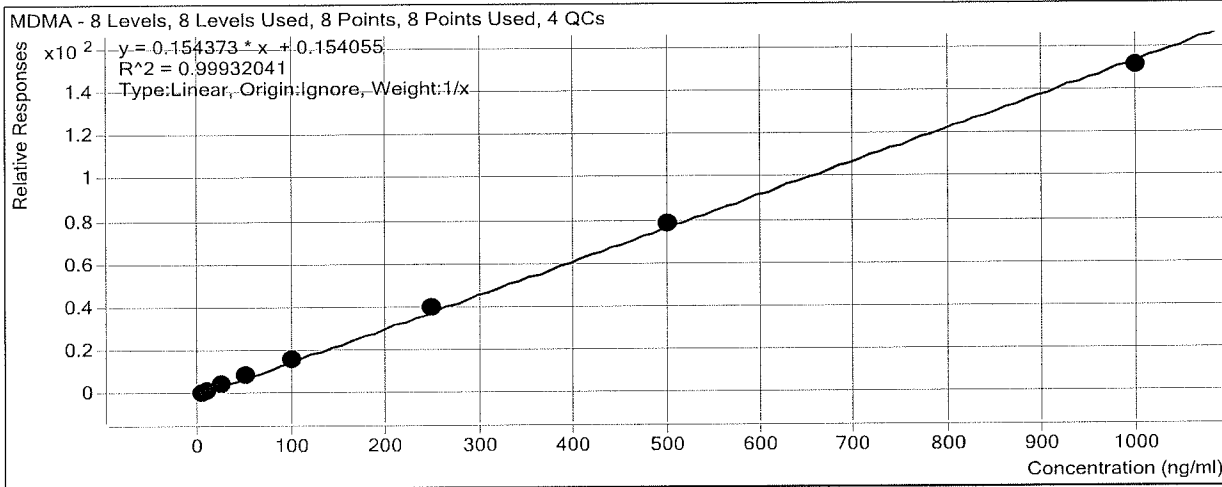
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.1	82.2
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.4
2b QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.5
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.1	108.3
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.5	105.0
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.6	104.6
2b QC 100	5	<input checked="" type="checkbox"/>	100	104.1	104.1
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.7	103.5
2b QC 250	6	<input checked="" type="checkbox"/>	250	263.6	105.4
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.1	99.4
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	986.2	98.6
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	999.9	100.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound MDMA
Internal Standard MDMA-D6



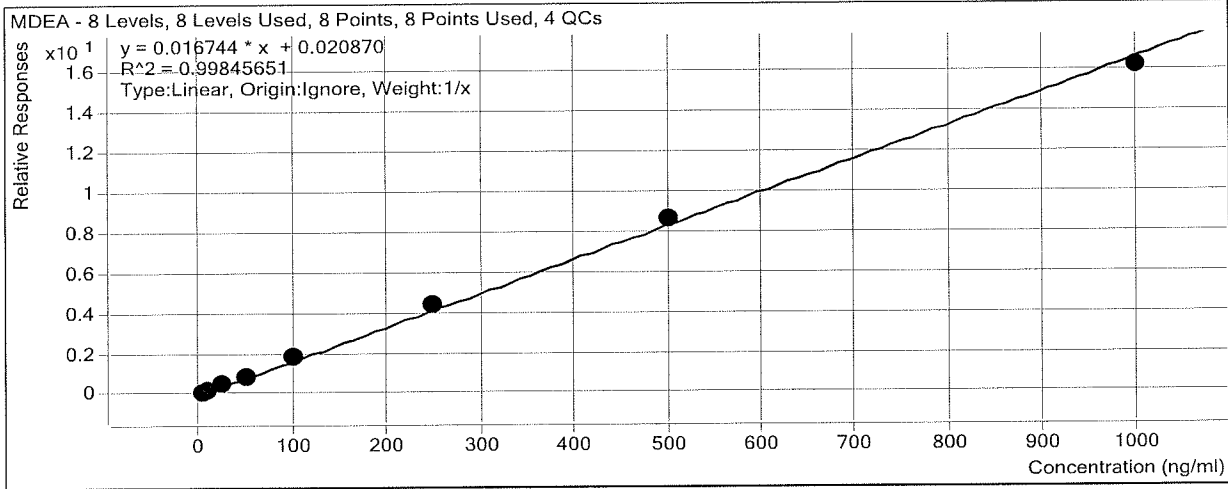
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.3	86.7
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.3
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.8
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.5	106.0
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.2	104.4
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.3	102.3
2b QC 100	5	<input checked="" type="checkbox"/>	100	109.0	109.0
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.9	102.4
2b QC 250	6	<input checked="" type="checkbox"/>	250	258.7	103.5
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	511.0	102.2
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	977.9	97.8
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	1026.9	102.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound MDEA
Internal Standard MDEA-D6



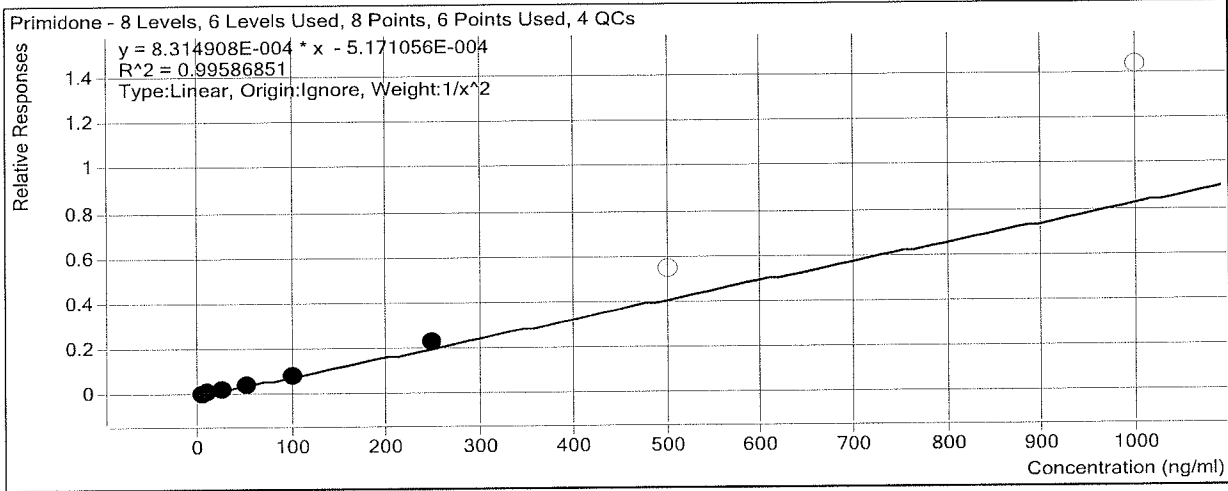
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.2	84.3
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.5
2b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.1
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.4	109.5
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.8	101.5
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.3	106.3
2b QC 100	5	<input checked="" type="checkbox"/>	100	107.9	107.9
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.9	104.4
2b QC 250	6	<input checked="" type="checkbox"/>	250	251.2	100.5
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	514.0	102.8
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	967.0	96.7
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	1013.5	101.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound *Primidone*
Internal Standard *Tapentadol-D3*



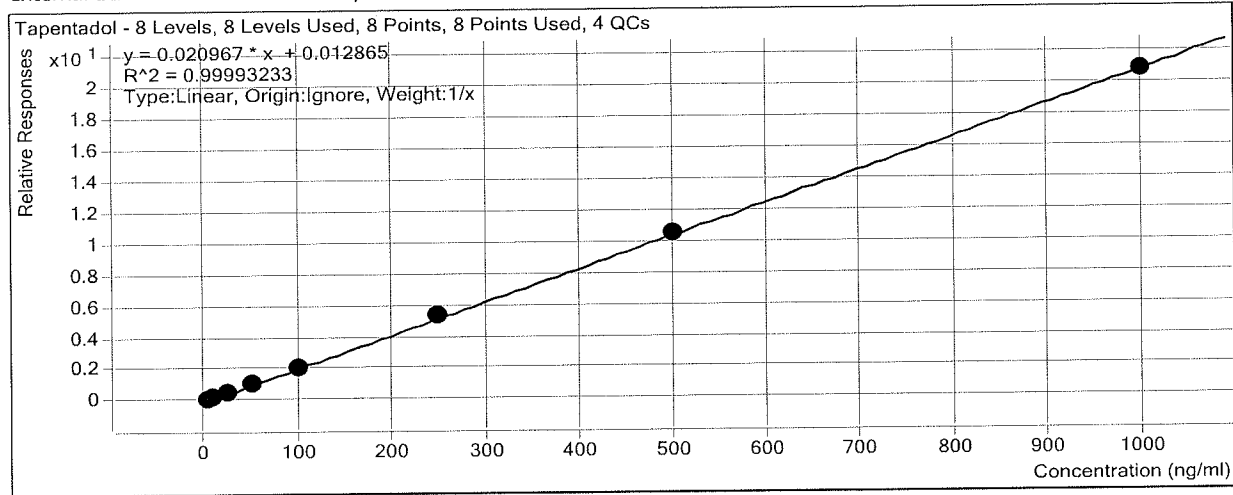
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.8
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.6
2b QC 10	2	<input checked="" type="checkbox"/>	10	9.3	93.2
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	95.9
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.2	96.4
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.5	97.5
2b QC 100	5	<input checked="" type="checkbox"/>	100	102.4	102.4
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	274.5	109.8
2b QC 250	6	<input checked="" type="checkbox"/>	250	274.8	109.9
2b cal 7-500ng	7	<input type="checkbox"/>	500	661.7	132.3
2b cal 8-1000ng	8	<input type="checkbox"/>	1000	1729.9	173.0
2b QC 1000	8	<input type="checkbox"/>	1000	1889.0	188.9

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound Tapentadol
Internal Standard Tapentadol-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.0
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.2
2b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.2
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.8
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.0	102.0
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.0	100.0
2b QC 100	5	<input checked="" type="checkbox"/>	100	105.6	105.6
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.8	101.1
2b QC 250	6	<input checked="" type="checkbox"/>	250	248.7	99.5
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.1	100.4
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	993.8	99.4
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	1035.5	103.5

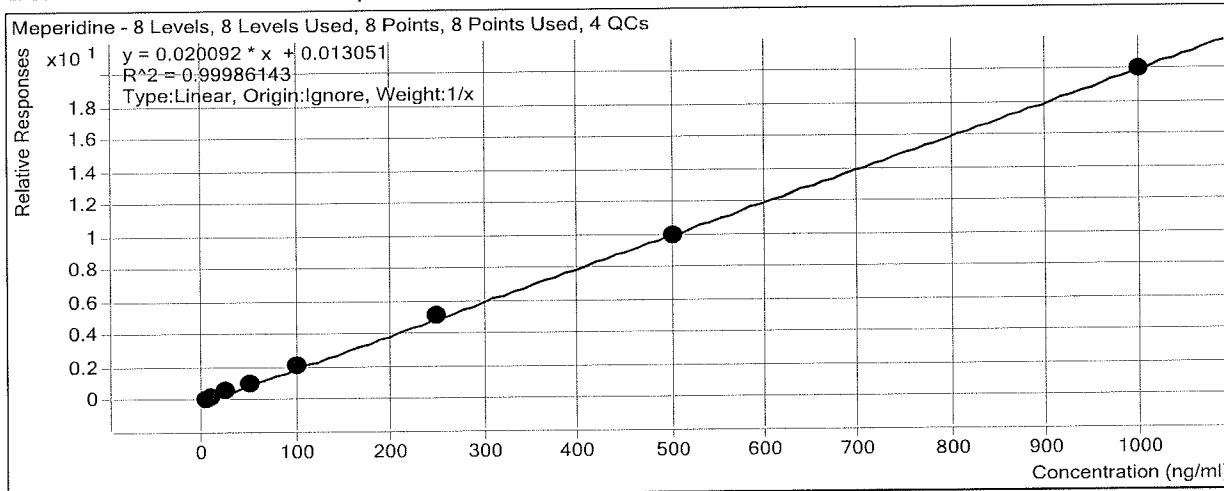
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound Meperidine

Internal Standard Meperidine-D4



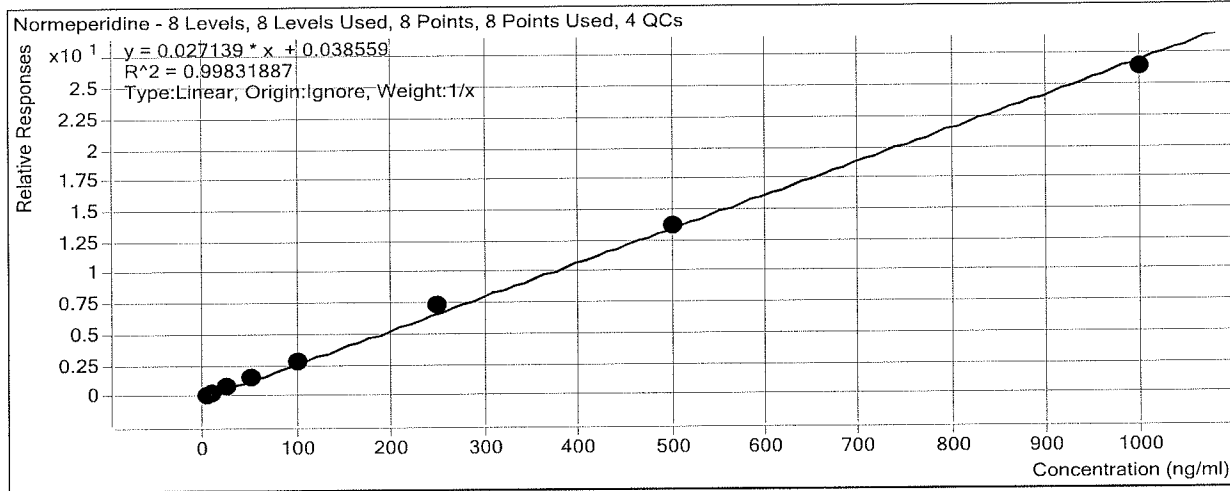
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	91.3
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.8
2b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.0
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.9	103.5
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.8
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.6	101.6
2b QC 100	5	<input checked="" type="checkbox"/>	100	102.3	102.3
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.1	102.1
2b QC 250	6	<input checked="" type="checkbox"/>	250	242.7	97.1
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.6	99.5
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	994.7	99.5
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	987.0	98.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound Normeperidine
Internal Standard Normeperidine-D4



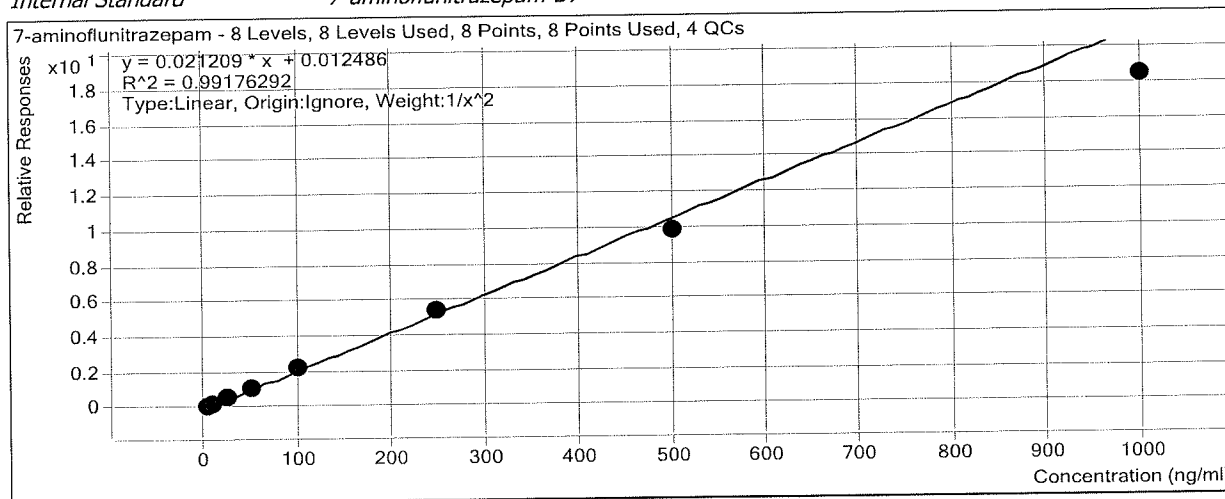
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.0	80.8
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.7
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.3
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.9	107.5
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.9	103.9
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.8	104.8
2b QC 100	5	<input checked="" type="checkbox"/>	100	108.1	108.1
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	269.6	107.8
2b QC 250	6	<input checked="" type="checkbox"/>	250	261.0	104.4
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.5	100.3
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	971.5	97.2
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	1001.2	100.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound 7-aminoflunitrazepam
Internal Standard 7-aminoflunitrazepam-D7



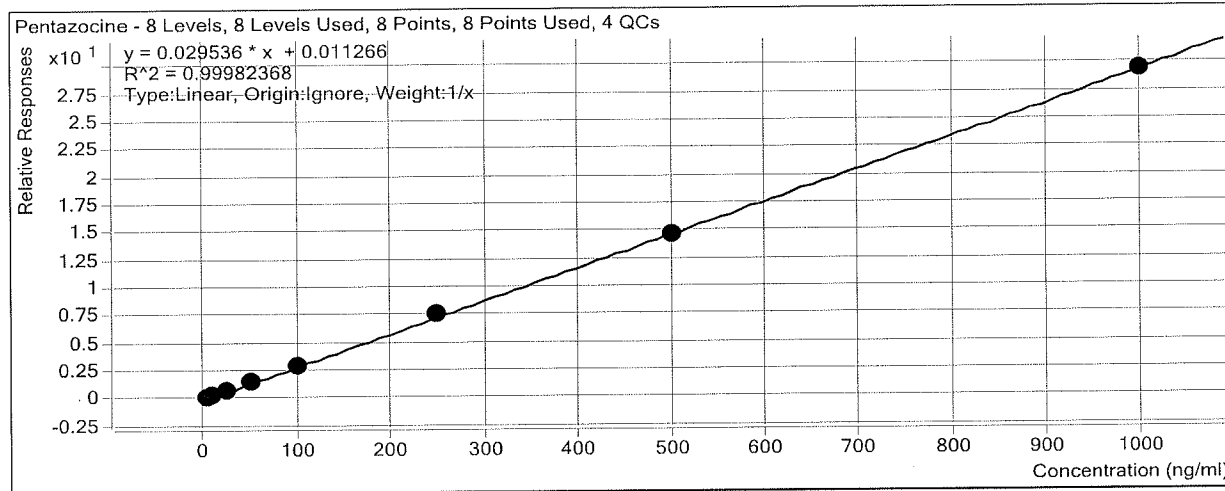
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.2
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.9
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.7
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.9	111.6
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.6	105.1
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.1	103.1
2b QC 100	5	<input checked="" type="checkbox"/>	100	104.1	104.1
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.2	101.7
2b QC 250	6	<input checked="" type="checkbox"/>	250	241.5	96.6
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	463.0	92.6
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	868.9	86.9
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	849.4	84.9

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound Pentazocine
Internal Standard Pentazocine-13C3



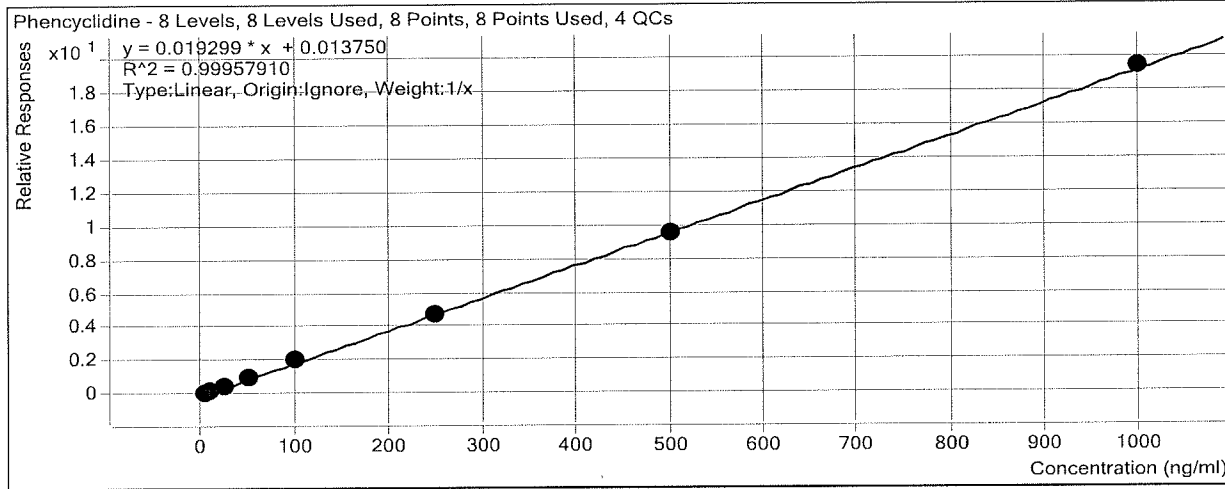
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.3
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	93.8
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.7
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.9	103.5
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.3	102.6
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.0	99.0
2b QC 100	5	<input checked="" type="checkbox"/>	100	104.8	104.8
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.4	102.6
2b QC 250	6	<input checked="" type="checkbox"/>	250	248.3	99.3
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.0	99.8
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	994.1	99.4
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	990.8	99.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound Phencyclidine
Internal Standard Phencyclidine-D5



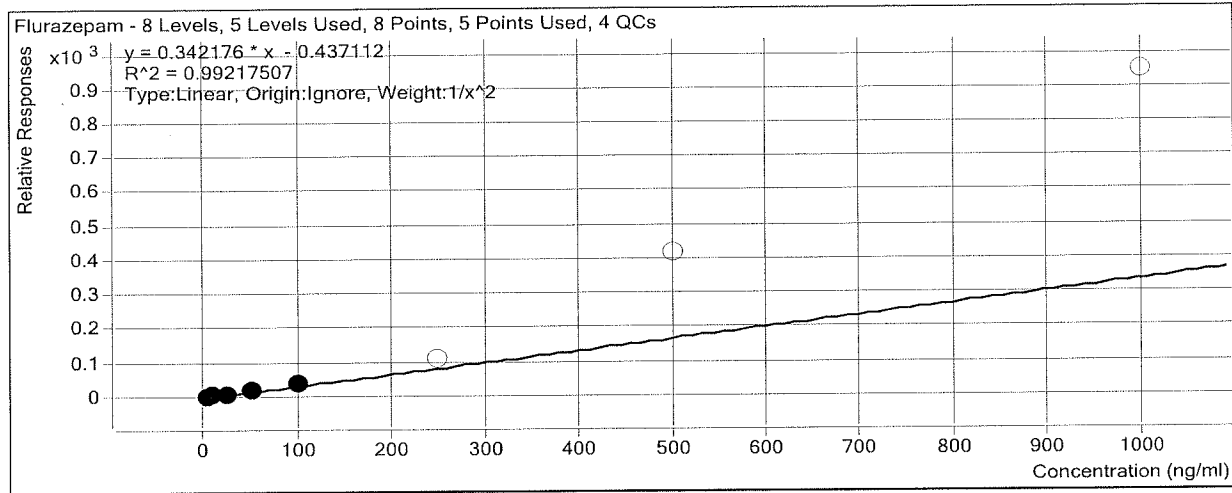
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.1
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.2
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.3
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.9	103.6
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.0	102.0
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.6	105.6
2b QC 100	5	<input checked="" type="checkbox"/>	100	108.0	108.0
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	241.4	96.5
2b QC 250	6	<input checked="" type="checkbox"/>	250	253.7	101.5
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.3	99.3
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1005.2	100.5
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	980.4	98.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound Flurazepam
Internal Standard Flunitrazepam-D7



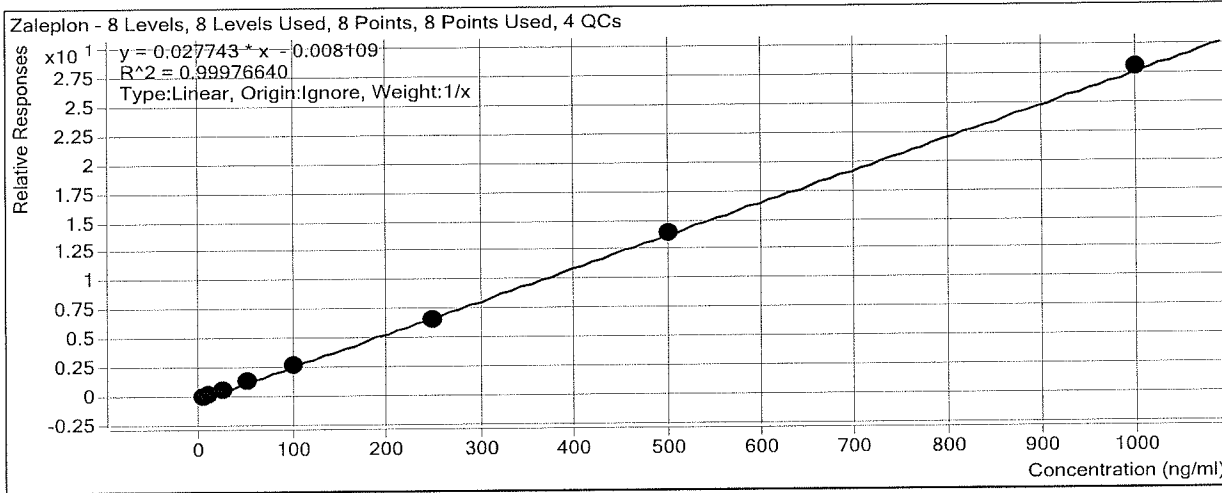
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.3
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.4
2b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.4
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.1
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.2	94.3
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	110.9	110.9
2b QC 100	5	<input checked="" type="checkbox"/>	100	143.8	143.8
2b cal 6-250ng	6	<input type="checkbox"/>	250	332.5	133.0
2b QC 250	6	<input type="checkbox"/>	250	459.8	183.9
2b cal 7-500ng	7	<input type="checkbox"/>	500	1230.7	246.1
2b cal 8-1000ng	8	<input type="checkbox"/>	1000	2773.3	277.3
2b QC 1000	8	<input type="checkbox"/>	1000	3414.1	341.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound *Zaleplon*
Internal Standard *Zaleplon-D4*



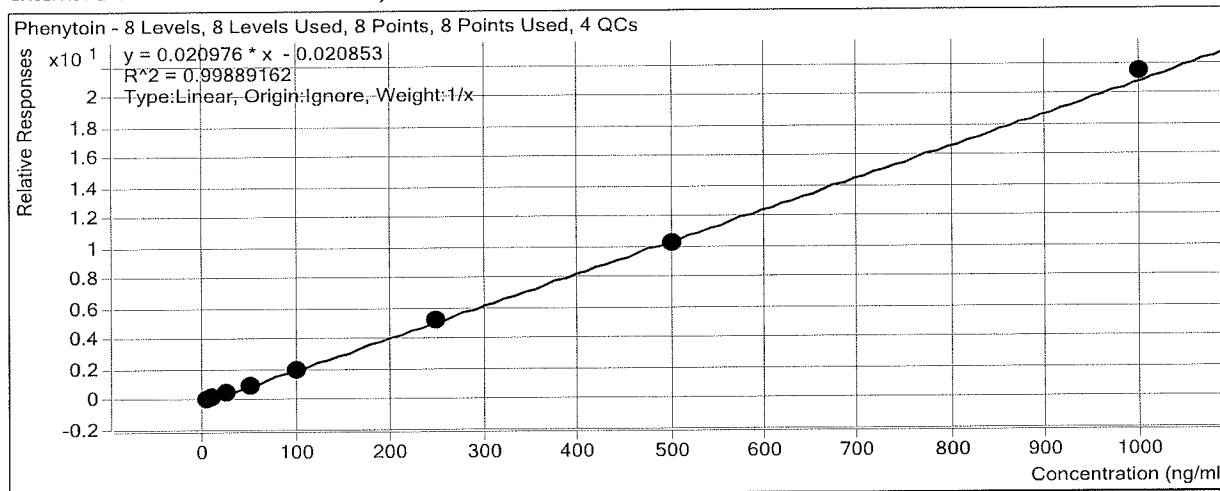
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.3
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.9
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.4	103.7
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	99.8
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.6	97.3
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.7	98.7
2b QC 100	5	<input checked="" type="checkbox"/>	100	103.0	103.0
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	241.7	96.7
2b QC 250	6	<input checked="" type="checkbox"/>	250	245.1	98.0
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.9	100.6
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1007.6	100.8
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	1023.5	102.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound Phenytoin
Internal Standard Phenytoin-D10



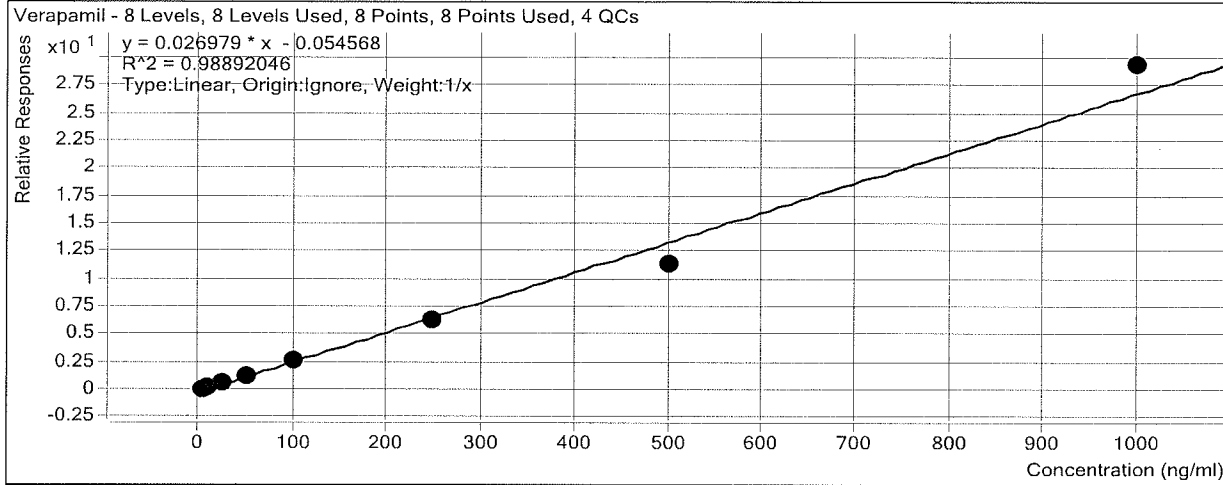
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.0	120.6
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.6
2b QC 10	2	<input checked="" type="checkbox"/>	10	11.2	111.7
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.6	90.3
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.3	92.5
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.7	93.7
2b QC 100	5	<input checked="" type="checkbox"/>	100	96.4	96.4
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	247.9	99.2
2b QC 250	6	<input checked="" type="checkbox"/>	250	263.3	105.3
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	489.3	97.9
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1023.9	102.4
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	1020.1	102.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound Verapamil
Internal Standard Trimipramine-D3



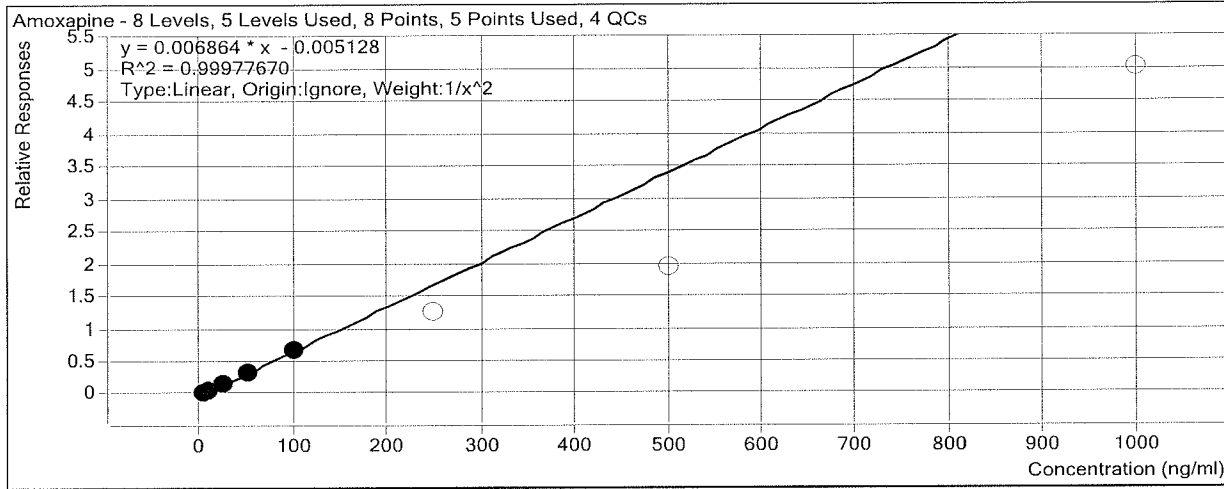
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.6
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.8
2b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	95.7
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.5	110.0
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.9	99.7
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.9	96.9
2b QC 100	5	<input checked="" type="checkbox"/>	100	83.5	83.5
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	238.2	95.3
2b QC 250	6	<input checked="" type="checkbox"/>	250	202.0	80.8
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	424.9	85.0
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1087.4	108.7
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	984.1	98.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound Amoxapine
Internal Standard Clomipramine-D3



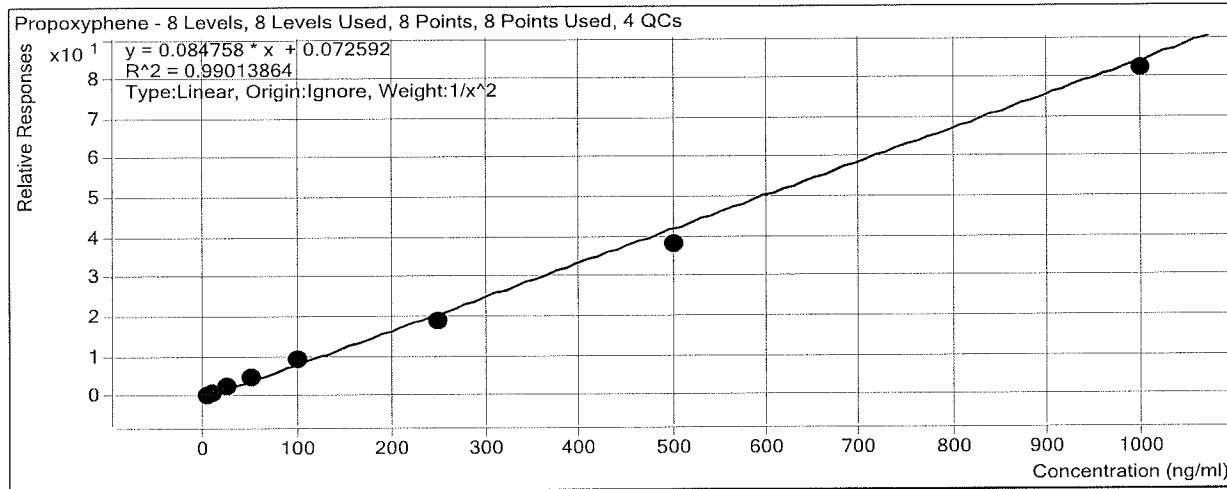
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.7
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.2
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.9	108.6
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.4
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.5	101.1
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.6	99.6
2b QC 100	5	<input checked="" type="checkbox"/>	100	91.3	91.3
2b cal 6-250ng	6	<input type="checkbox"/>	250	183.0	73.2
2b QC 250	6	<input type="checkbox"/>	250	178.2	71.3
2b cal 7-500ng	7	<input type="checkbox"/>	500	287.2	57.4
2b cal 8-1000ng	8	<input type="checkbox"/>	1000	731.3	73.1
2b QC 1000	8	<input type="checkbox"/>	1000	570.4	57.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound Propoxyphene
Internal Standard Propoxyphene-D11



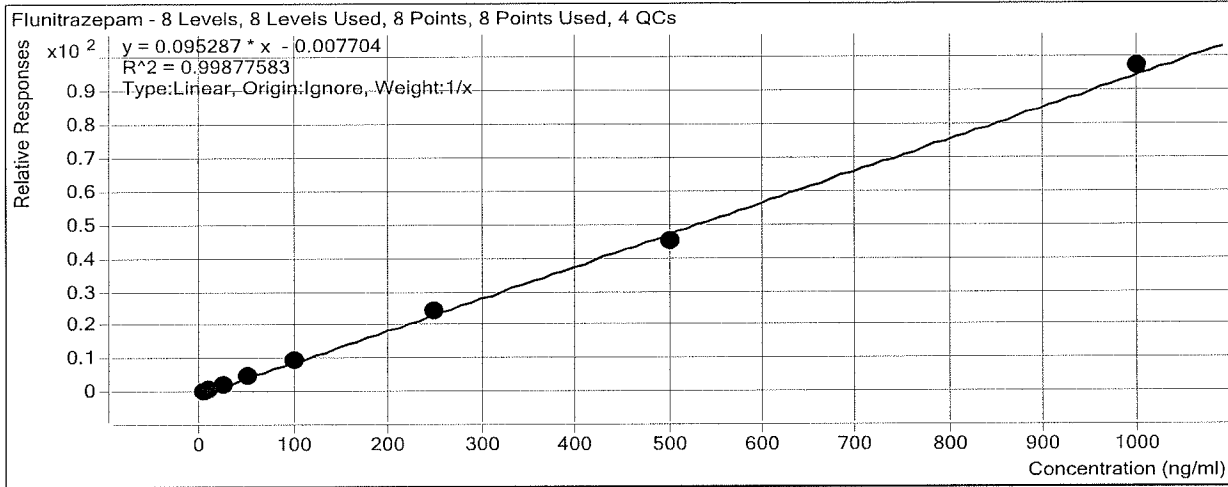
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.1
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.4
2b QC 10	2	<input checked="" type="checkbox"/>	10	9.4	93.5
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	28.1	112.3
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.7	107.4
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.5	106.5
2b QC 100	5	<input checked="" type="checkbox"/>	100	95.8	95.8
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	222.8	89.1
2b QC 250	6	<input checked="" type="checkbox"/>	250	244.4	97.8
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	446.8	89.4
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	968.1	96.8
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	994.5	99.5

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound *Flunitrazepam*
Internal Standard *Flunitrazepam-D7*



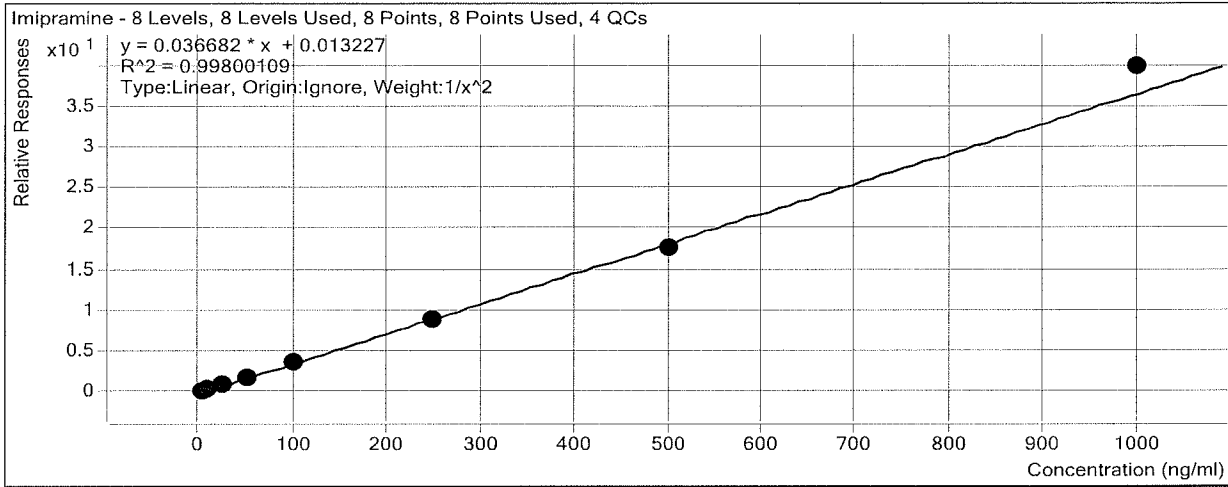
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.6
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.6
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.4
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	97.9
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.2
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.5	98.5
2b QC 100	5	<input checked="" type="checkbox"/>	100	122.7	122.7
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.5	103.4
2b QC 250	6	<input checked="" type="checkbox"/>	250	268.8	107.5
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	473.3	94.7
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1020.3	102.0
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	1161.0	116.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound *Imipramine*
Internal Standard *Imipramine-D3*



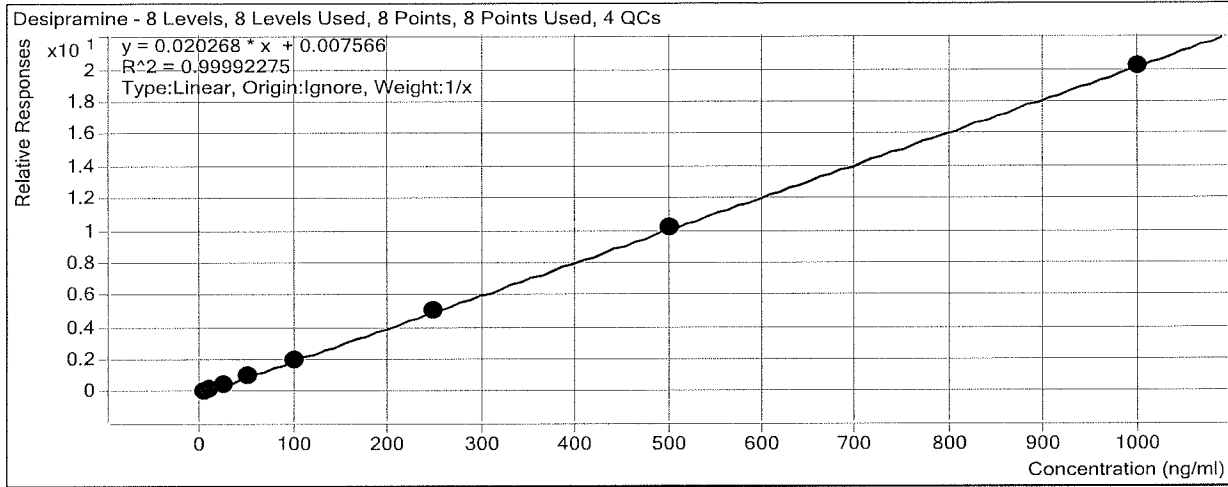
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.8
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.6
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.6
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.4
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.7	97.5
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.3	99.3
2b QC 100	5	<input checked="" type="checkbox"/>	100	111.6	111.6
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.9	97.2
2b QC 250	6	<input checked="" type="checkbox"/>	250	216.1	86.4
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	479.2	95.8
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1084.4	108.4
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	1111.7	111.2

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound *Desipramine*
Internal Standard *Desipramine-D3*



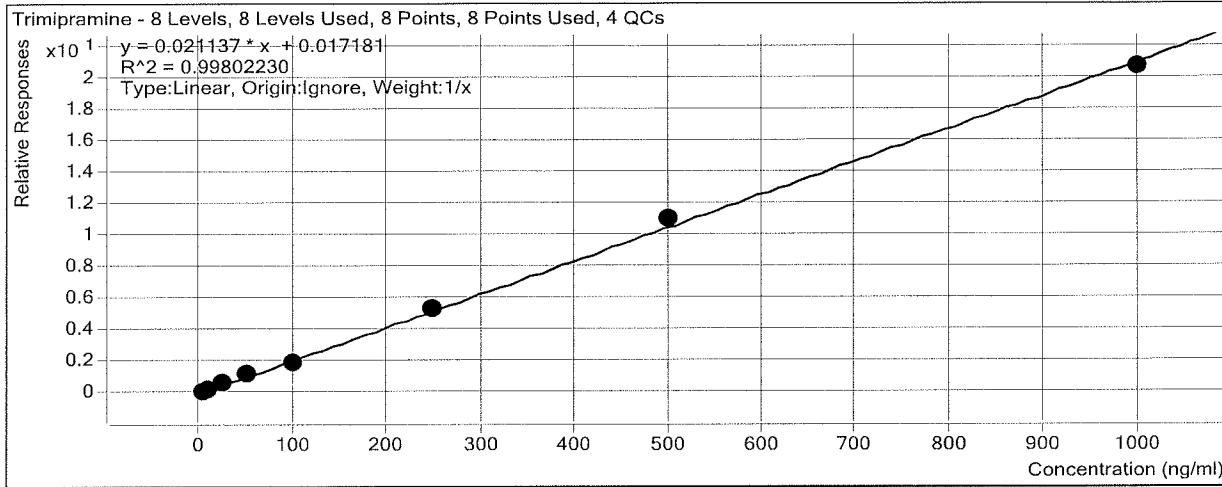
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.2
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.7
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.2
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.7	102.6
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.1
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.5	98.5
2b QC 100	5	<input checked="" type="checkbox"/>	100	102.8	102.8
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.5	100.2
2b QC 250	6	<input checked="" type="checkbox"/>	250	249.9	100.0
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.0	101.0
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	995.7	99.6
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	985.4	98.5

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound *Trimipramine*
Internal Standard *Trimipramine-D3*



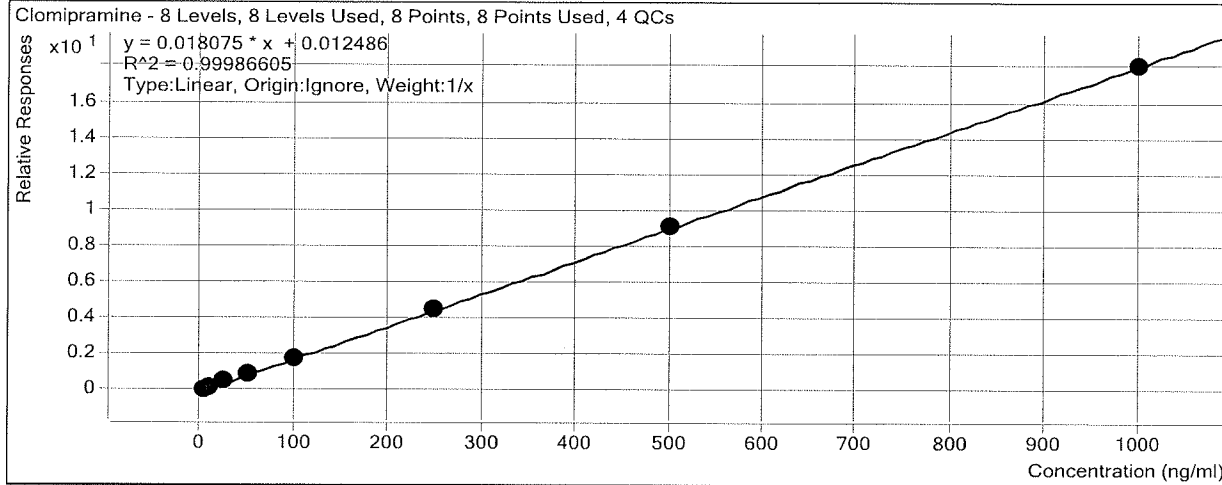
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.5	90.2
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	104.7
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.8
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.4
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	55.5	111.0
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	88.3	88.3
2b QC 100	5	<input checked="" type="checkbox"/>	100	101.5	101.5
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.1	102.0
2b QC 250	6	<input checked="" type="checkbox"/>	250	245.7	98.3
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	521.5	104.3
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	979.3	97.9
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	927.2	92.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound *Clomipramine*
Internal Standard *Clomipramine-D3*



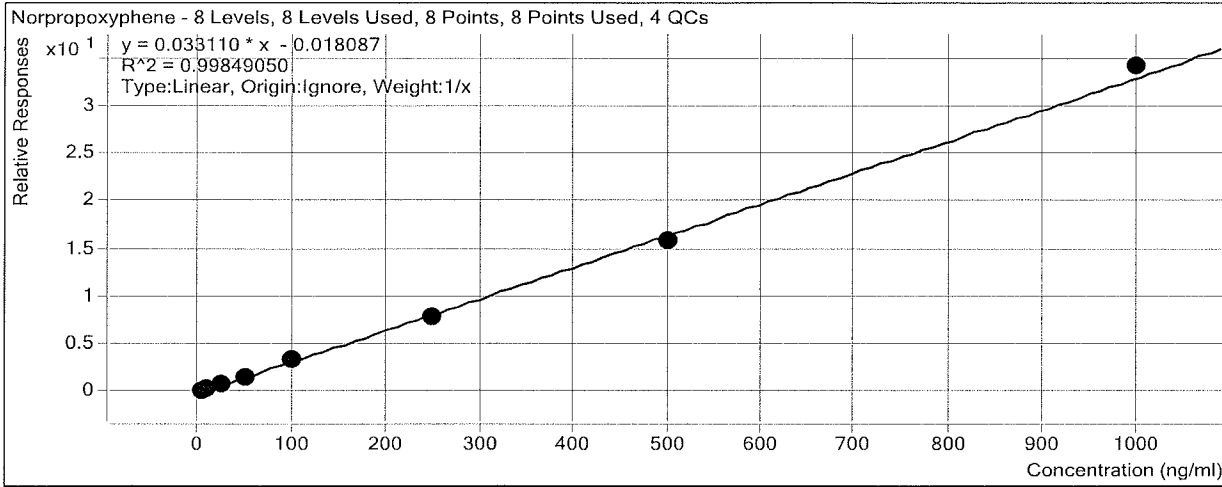
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.5	90.9
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.8
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.4	103.5
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.8	107.4
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.9	99.7
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.1	100.1
2b QC 100	5	<input checked="" type="checkbox"/>	100	93.9	93.9
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.5	99.8
2b QC 250	6	<input checked="" type="checkbox"/>	250	254.4	101.8
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.0	100.8
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	995.1	99.5
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	998.2	99.8

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin

Last Calib Update 12/8/2017 9:17 AM **Analyst Name** ISP TOX

Target Compound *Norpropoxyphene*
Internal Standard *Norpropoxyphene-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	107.4
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.1
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.4
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.0
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.6	95.3
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.4	103.4
2b QC 100	5	<input checked="" type="checkbox"/>	100	92.1	92.1
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	240.8	96.3
2b QC 250	6	<input checked="" type="checkbox"/>	250	237.6	95.0
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	476.6	95.3
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1031.2	103.1
2b QC 1000	8	<input checked="" type="checkbox"/>	1000	1057.1	105.7

ISP FORENSICS - Cd'A Instrument # 62340

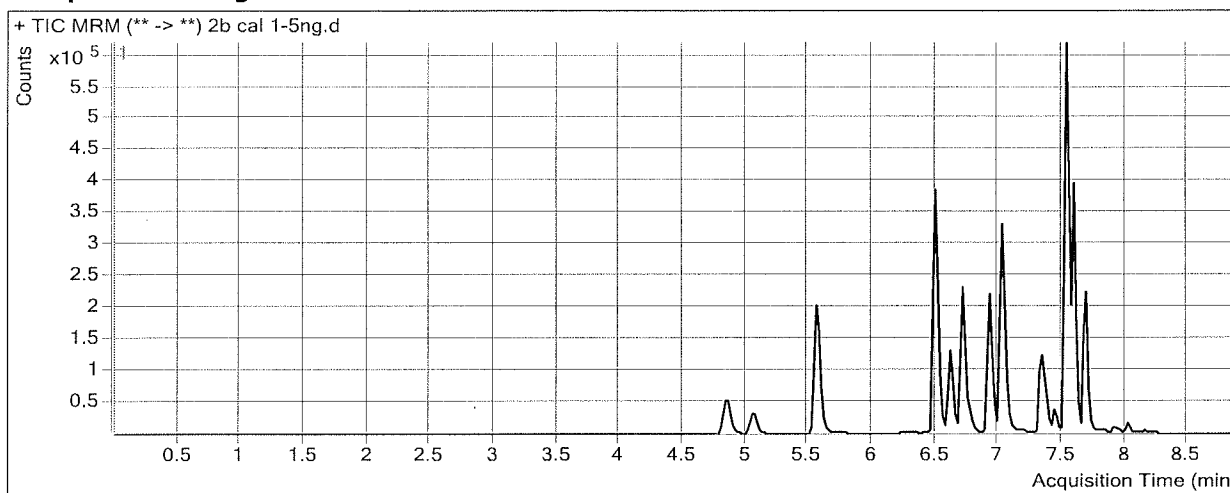
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin
Analysis Time 12/8/2017 9:17 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:37 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 08:49 **Data File** 2b cal 1-5ng.d
Sample Type Calibration **Sample Name** 2b cal 1-5ng
Dilution 1 **Acq Method** MDQ Panel 2b 8-8-17.m
Position P1-A5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.877	35388	204424	0.1731	4.1103
MDMA	MDMA-D6	5.068	46019	55918	0.8230	4.3330
MDEA	MDEA-D6	5.568	52688	576229	0.0914	4.2145
Primidone	Tapentadol-D3	6.215	3837	1032703	0.0037	5.0908
Tapentadol	Tapentadol-D3	6.503	116185	1032703	0.1125	4.7523
Meperidine	Meperidine-D4	6.616	34880	332834	0.1048	4.5662
Normeperidine	Normeperidine-D4	6.724	41588	280515	0.1483	4.0421
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.736	32916	290209	0.1134	4.7592
Pentazocine	Pentazocine-13C3	6.919	77596	491361	0.1579	4.9653
Phencyclidine	Phencyclidine-D5	7.048	90140	861897	0.1046	4.7067
Flurazepam	Flunitrazepam-D7	7.315	81505	62067	1.3132	5.1152
Zaleplon	Zaleplon-D4	7.341	26797	198255	0.1352	5.1643
Phenytoin	Phenytoin-D10	7.389	1716	16248	0.1056	6.0297
Verapamil	Trimipramine-D3	7.415	62989	717052	0.0878	5.2786
Amoxapine	Clomipramine-D3	7.500	14168	481177	0.0294	5.0369
Propoxyphene	Propoxyphene-D11	7.517	96183	202187	0.4757	4.7561
Flunitrazepam	Flunitrazepam-D7	7.520	29576	62067	0.4765	5.0817
Imipramine	Imipramine-D3	7.528	88547	451288	0.1962	4.9884
Desipramine	Desipramine-D3	7.549	53851	517417	0.1041	4.7617
Trimipramine	Trimipramine-D3	7.586	80689	717052	0.1125	4.5110
Clomipramine	Clomipramine-D3	7.681	45557	481177	0.0947	4.5473
Norpropoxyphene	Norpropoxyphene-D5	7.929	3015	18869	0.1598	5.3718

ISP FORENSICS - Cd'A Instrument # 62340

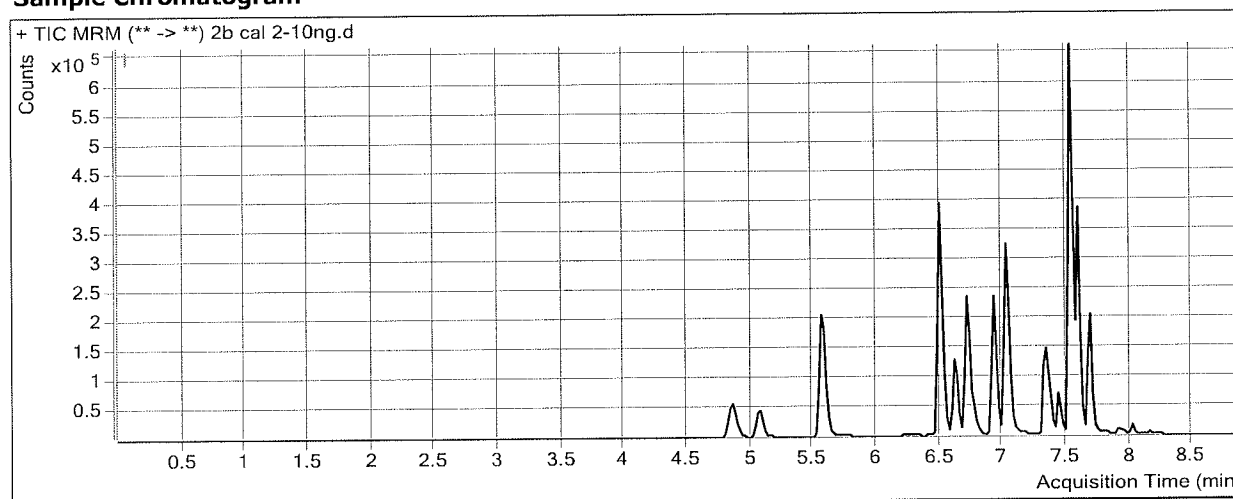
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin
Analysis Time 12/8/2017 9:17 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:37 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 09:15 **Data File** 2b cal 2-10ng.d
Sample Type Calibration **Sample Name** 2b cal 2-10ng
Dilution 1 **Acq Method** MDQ Panel 2b 8-8-17.m
Position P1-B5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.877	62377	174161	0.3582	9.8392
MDMA	MDMA-D6	5.068	79745	47722	1.6710	9.8267
MDEA	MDEA-D6	5.568	93925	524294	0.1791	9.4530
Primidone	Tapentadol-D3	6.215	6855	892463	0.0077	9.8597
Tapentadol	Tapentadol-D3	6.503	199001	892463	0.2230	10.0213
Meperidine	Meperidine-D4	6.616	63544	292116	0.2175	10.1770
Normeperidine	Normeperidine-D4	6.724	73968	243519	0.3037	9.7715
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.736	58343	250627	0.2328	10.3872
Pentazocine	Pentazocine-13C3	6.919	125635	435763	0.2883	9.3799
Phencyclidine	Phencyclidine-D5	7.048	154242	758692	0.2033	9.8219
Flurazepam	Flunitrazepam-D7	7.315	147146	50808	2.8961	9.7413
Zaleplon	Zaleplon-D4	7.341	45719	164910	0.2772	10.2853
Phenytoin	Phenytoin-D10	7.389	2768	14091	0.1964	10.3574
Verapamil	Trimipramine-D3	7.415	117506	554184	0.2120	9.8819
Amoxapine	Clomipramine-D3	7.500	22708	364695	0.0623	9.8189
Propoxyphene	Propoxyphene-D11	7.517	174081	183461	0.9489	10.3386
Flunitrazepam	Flunitrazepam-D7	7.520	49280	50808	0.9699	10.2599
Imipramine	Imipramine-D3	7.528	144746	378694	0.3822	10.0595
Desipramine	Desipramine-D3	7.549	92363	424034	0.2178	10.3736
Trimipramine	Trimipramine-D3	7.586	132202	554184	0.2386	10.4733
Clomipramine	Clomipramine-D3	7.681	71674	364695	0.1965	10.1822
Norpropoxyphene	Norpropoxyphene-D5	7.929	4806	15666	0.3068	9.8116

ISP FORENSICS - Cd'A Instrument # 62340

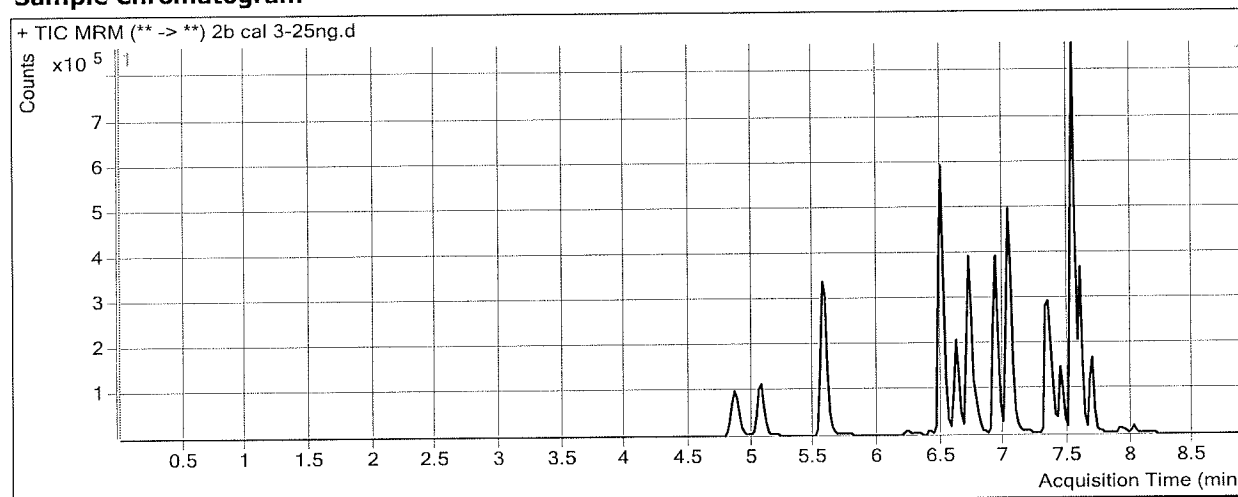
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin
Analysis Time 12/8/2017 9:17 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:37 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 09:41 **Data File** 2b cal 3-25ng.d
Sample Type Calibration **Sample Name** 2b cal 3-25ng
Dilution 1 **Acq Method** MDQ Panel 2b 8-8-17.m
Position P1-C5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.877	177262	193725	0.9150	27.0790
MDMA	MDMA-D6	5.068	233237	54960	4.2438	26.4926
MDEA	MDEA-D6	5.568	272005	567477	0.4793	27.3808
Primidone	Tapentadol-D3	6.215	20186	1039980	0.0194	23.9654
Tapentadol	Tapentadol-D3	6.503	568091	1039980	0.5463	25.4394
Meperidine	Meperidine-D4	6.616	172332	323271	0.5331	25.8825
Normeperidine	Normeperidine-D4	6.724	202027	263161	0.7677	26.8670
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.736	172772	285946	0.6042	27.9000
Pentazocine	Pentazocine-13C3	6.919	368742	475616	0.7753	25.8678
Phencyclidine	Phencyclidine-D5	7.028	427789	832663	0.5138	25.9089
Flurazepam	Flunitrazepam-D7	7.315	395813	51438	7.6949	23.7657
Zaleplon	Zaleplon-D4	7.341	129473	189226	0.6842	24.9551
Phenytoin	Phenytoin-D10	7.389	7258	16041	0.4525	22.5661
Verapamil	Trimipramine-D3	7.415	258950	376859	0.6871	27.4916
Amoxapine	Clomipramine-D3	7.500	35837	214401	0.1671	25.0996
Propoxyphene	Propoxyphene-D11	7.517	428417	174705	2.4522	28.0757
Flunitrazepam	Flunitrazepam-D7	7.520	119612	51438	2.3254	24.4844
Imipramine	Imipramine-D3	7.528	261147	276941	0.9430	25.3462
Desipramine	Desipramine-D3	7.549	146217	277183	0.5275	25.6533
Trimipramine	Trimipramine-D3	7.586	208501	376859	0.5533	25.3625
Clomipramine	Clomipramine-D3	7.681	106698	214401	0.4977	26.8419
Norpropoxyphene	Norpropoxyphene-D5	7.908	15228	18610	0.8183	25.2595

ISP FORENSICS - Cd'A Instrument # 62340

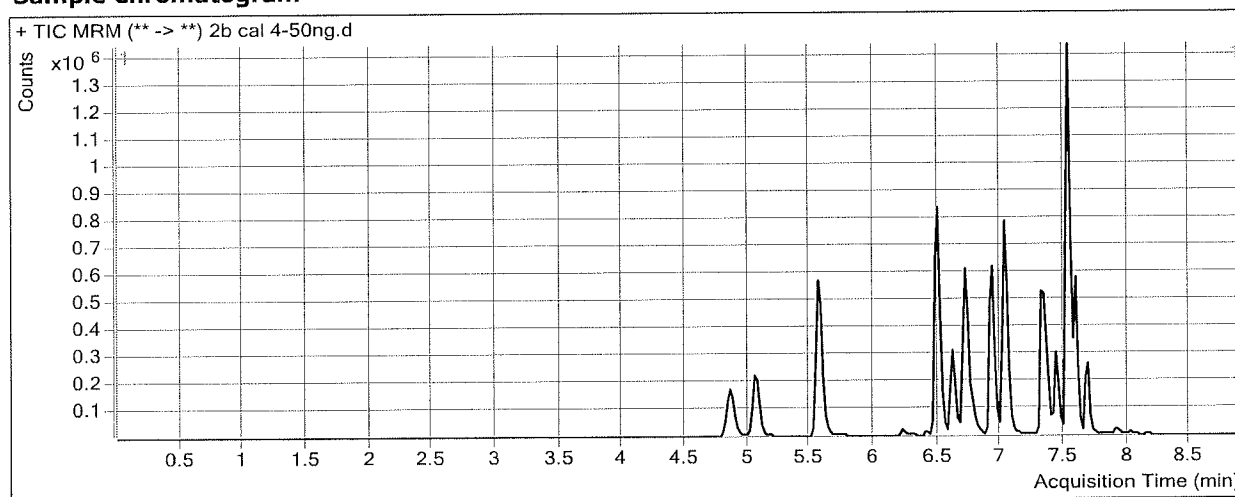
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin
Analysis Time 12/8/2017 9:17 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:37 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 10:06 **Data File** 2b cal 4-50ng.d
Sample Type Calibration **Sample Name** 2b cal 4-50ng
Dilution 1 **Acq Method** MDQ Panel 2b 8-8-17.m
Position P1-D5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.850	363270	209186	1.7366	52.5140
MDMA	MDMA-D6	5.068	496933	60495	8.2144	52.2136
MDEA	MDEA-D6	5.568	558607	641394	0.8709	50.7692
Primidone	Tapentadol-D3	6.215	43294	1094073	0.0396	48.2132
Tapentadol	Tapentadol-D3	6.503	1184287	1094073	1.0825	51.0133
Meperidine	Meperidine-D4	6.616	362506	353569	1.0253	50.3789
Normeperidine	Normeperidine-D4	6.724	400913	276802	1.4484	51.9485
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.736	351161	311508	1.1273	52.5633
Pentazocine	Pentazocine-13C3	6.919	769428	503946	1.5268	51.3119
Phencyclidine	Phencyclidine-D5	7.028	870198	871557	0.9984	51.0234
Flurazepam	Flunitrazepam-D7	7.315	806829	51385	15.7017	47.1653
Zaleplon	Zaleplon-D4	7.341	274432	204626	1.3411	48.6338
Phenytoin	Phenytoin-D10	7.389	15070	15874	0.9494	46.2528
Verapamil	Trimipramine-D3	7.415	523883	405869	1.2908	49.8662
Amoxapine	Clomipramine-D3	7.500	85322	249666	0.3417	50.5372
Propoxyphene	Propoxyphene-D11	7.517	857064	185360	4.6238	53.6962
Flunitrazepam	Flunitrazepam-D7	7.520	242583	51385	4.7209	49.6248
Imipramine	Imipramine-D3	7.528	546874	303662	1.8009	48.7356
Desipramine	Desipramine-D3	7.549	315591	311761	1.0123	49.5713
Trimipramine	Trimipramine-D3	7.586	483218	405869	1.1906	55.5145
Clomipramine	Clomipramine-D3	7.681	228100	249666	0.9136	49.8547
Norpropoxyphene	Norpropoxyphene-D5	7.908	31936	20488	1.5588	47.6257

ISP FORENSICS - Cd'A Instrument # 62340

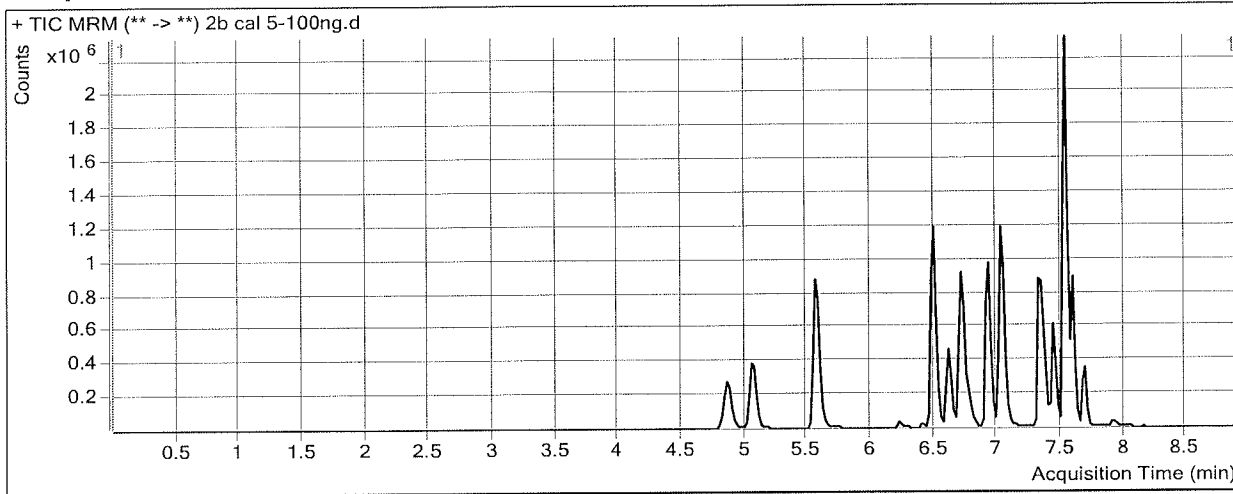
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin
Analysis Time 12/8/2017 9:17 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:37 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 10:32 **Data File** 2b cal 5-100ng.d
Sample Type Calibration **Sample Name** 2b cal 5-100ng
Dilution 1 **Acq Method** MDQ Panel 2b 8-8-17.m
Position P1-E5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.850	657590	192393	3.4180	104.5674
MDMA	MDMA-D6	5.048	914030	57307	15.9496	102.3206
MDEA	MDEA-D6	5.548	1047397	581870	1.8001	106.2606
Primidone	Tapentadol-D3	6.215	79638	988697	0.0805	97.4947
Tapentadol	Tapentadol-D3	6.503	2086217	988697	2.1101	100.0243
Meperidine	Meperidine-D4	6.616	660555	321593	2.0540	101.5794
Normeperidine	Normeperidine-D4	6.724	720631	249976	2.8828	104.8041
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.736	631641	287332	2.1983	103.0612
Pentazocine	Pentazocine-13C3	6.919	1393406	474482	2.9367	99.0465
Phencyclidine	Phencyclidine-D5	7.028	1709188	832767	2.0524	105.6371
Flurazepam	Flunitrazepam-D7	7.315	1499931	39991	37.5067	110.8898
Zaleplon	Zaleplon-D4	7.341	476107	174320	2.7312	98.7395
Phenytoin	Phenytoin-D10	7.389	29721	15292	1.9436	93.6519
Verapamil	Trimipramine-D3	7.415	1123105	438815	2.5594	96.8894
Amoxapine	Clomipramine-D3	7.500	140396	206922	0.6785	99.5998
Propoxyphene	Propoxyphene-D11	7.517	1704652	187332	9.0996	106.5034
Flunitrazepam	Flunitrazepam-D7	7.520	375014	39991	9.3774	98.4930
Imipramine	Imipramine-D3	7.528	1024036	280048	3.6566	99.3254
Desipramine	Desipramine-D3	7.549	548688	273727	2.0045	98.5258
Trimipramine	Trimipramine-D3	7.586	826627	438815	1.8838	88.3102
Clomipramine	Clomipramine-D3	7.681	376791	206922	1.8209	100.0514
Norpropoxyphene	Norpropoxyphene-D5	7.908	65602	19260	3.4062	103.4198

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ISP FORENSICS - Cd'A Instrument # 62340

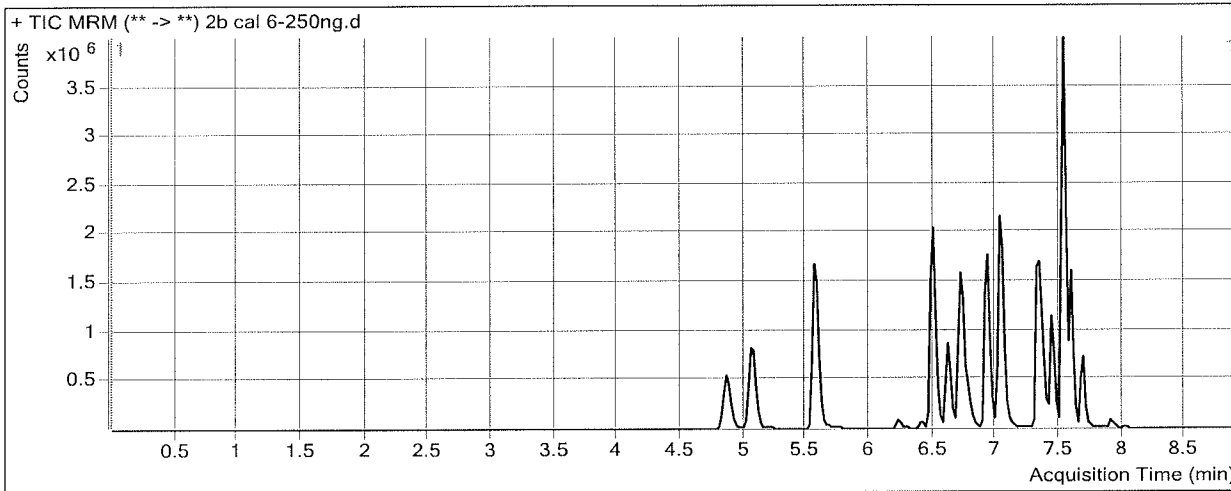
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin
Analysis Time 12/8/2017 9:17 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:37 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 10:57 **Data File** 2b cal 6-250ng.d
Sample Type Calibration **Sample Name** 2b cal 6-250ng
Dilution 1 **Acq Method** MDQ Panel 2b 8-8-17.m
Position P1-F5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.850	1388023	165339	8.3950	258.6526
MDMA	MDMA-D6	5.048	2005463	50568	39.6584	255.9021
MDEA	MDEA-D6	5.548	2276011	518567	4.3890	260.8865
Primidone	Tapentadol-D3	6.215	188391	827233	0.2277	274.5117
Tapentadol	Tapentadol-D3	6.503	4395630	827233	5.3137	252.8167
Meperidine	Meperidine-D4	6.616	1437700	279740	5.1394	255.1417
Normeperidine	Normeperidine-D4	6.724	1393013	189418	7.3542	269.5642
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.736	1343955	248722	5.4034	254.1838
Pentazocine	Pentazocine-13C3	6.919	2886053	380567	7.5836	256.3765
Phencyclidine	Phencyclidine-D5	7.028	3453742	739268	4.6718	241.3668
Flurazepam	Flunitrazepam-D7	7.315	3075576	27139	113.3273	332.4738
Zaleplon	Zaleplon-D4	7.341	965435	144123	6.6987	241.7467
Phenytoin	Phenytoin-D10	7.389	71514	13809	5.1787	247.8772
Verapamil	Trimipramine-D3	7.415	2098388	329283	6.3726	238.2292
Amoxapine	Clomipramine-D3	7.500	242646	193983	1.2509	182.9899
Propoxyphene	Propoxyphene-D11	7.517	2744687	144776	18.9581	222.8167
Flunitrazepam	Flunitrazepam-D7	7.520	668290	27139	24.6248	258.5074
Imipramine	Imipramine-D3	7.528	1962852	219942	8.9244	242.9333
Desipramine	Desipramine-D3	7.549	1110952	218516	5.0841	250.4666
Trimipramine	Trimipramine-D3	7.586	1781021	329283	5.4088	255.0823
Clomipramine	Clomipramine-D3	7.681	877300	193983	4.5226	249.5178
Norpropoxyphene	Norpropoxyphene-D5	7.908	166168	20892	7.9538	240.7690

ISP FORENSICS - Cd'A Instrument # 62340

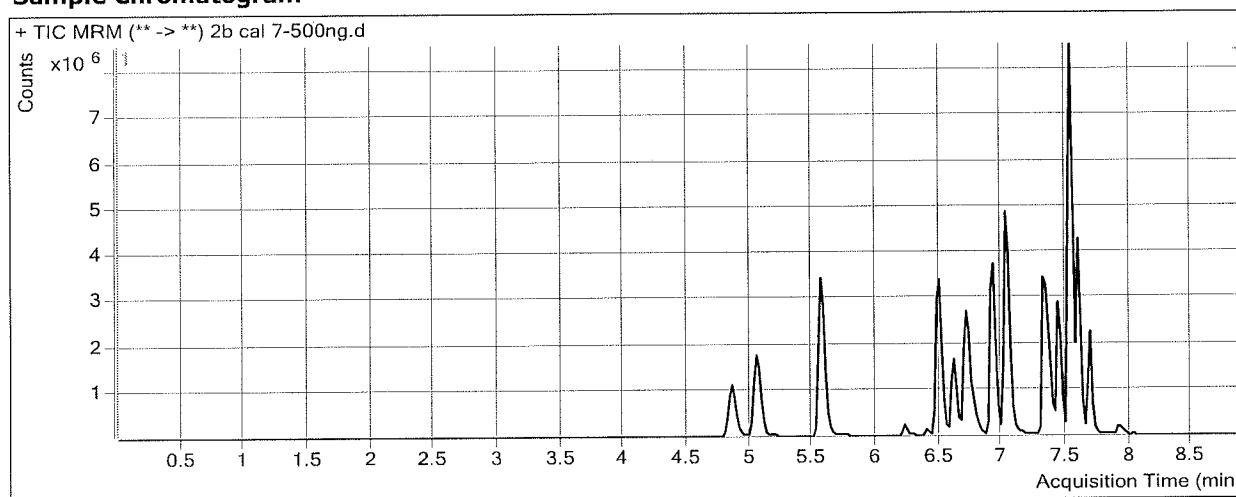
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin
Analysis Time 12/8/2017 9:17 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:37 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 11:23 **Data File** 2b cal 7-500ng.d
Sample Type Calibration **Sample Name** 2b cal 7-500ng
Dilution 1 **Acq Method** MDQ Panel 2b 8-8-17.m
Position P1-G5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.850	2940854	182707	16.0960	497.0673
MDMA	MDMA-D6	5.048	4278891	54135	79.0416	511.0190
MDEA	MDEA-D6	5.548	4881172	565797	8.6271	514.0000
Primidone	Tapentadol-D3	6.215	439303	799190	0.5497	661.7057
Tapentadol	Tapentadol-D3	6.503	8424257	799190	10.5410	502.1301
Meperidine	Meperidine-D4	6.616	3111209	310806	10.0101	497.5591
Normeperidine	Normeperidine-D4	6.724	2637539	193255	13.6480	501.4761
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.736	2590008	263438	9.8316	462.9701
Pentazocine	Pentazocine-13C3	6.919	6514904	441717	14.7490	498.9790
Phencyclidine	Phencyclidine-D5	7.028	8602799	896920	9.5915	496.2864
Flurazepam	Flunitrazepam-D7	7.315	7128105	16945	420.6733	1230.6852
Zaleplon	Zaleplon-D4	7.341	1654311	118648	13.9430	502.8691
Phenytoin	Phenytoin-D10	7.389	154202	15054	10.2434	489.3290
Verapamil	Trimipramine-D3	7.415	5672948	497212	11.4095	424.9278
Amoxapine	Clomipramine-D3	7.500	557512	283533	1.9663	287.2249
Propoxyphene	Propoxyphene-D11	7.517	6687387	176249	37.9428	446.8035
Flunitrazepam	Flunitrazepam-D7	7.520	764058	16945	45.0917	473.2988
Imipramine	Imipramine-D3	7.528	5169485	293854	17.5920	479.2253
Desipramine	Desipramine-D3	7.549	2694557	263078	10.2424	504.9707
Trimipramine	Trimipramine-D3	7.586	5489143	497212	11.0398	521.4938
Clomipramine	Clomipramine-D3	7.681	2586263	283533	9.1216	503.9546
Norpropoxyphene	Norpropoxyphene-D5	7.929	410825	26066	15.7608	476.5565

ISP FORENSICS - Cd'A Instrument # 62340

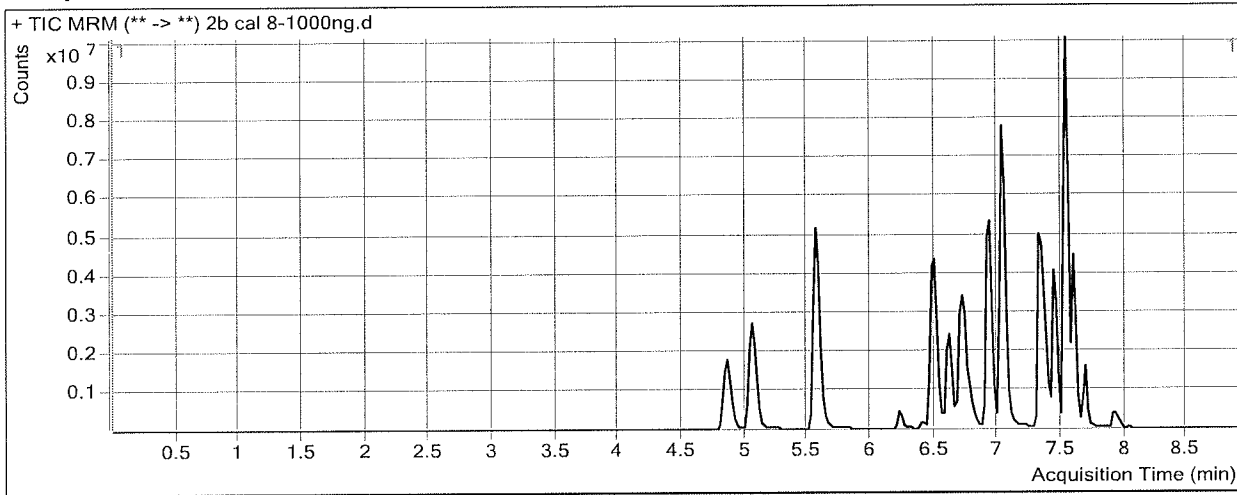
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\120617 mdq p1 and p2\QuantResults\120617 mdq p2b.batch.bin
Analysis Time 12/8/2017 9:17 AM **Analyst Name** ISP Tox
Report Time 12/8/2017 9:37 AM **Reporter Name** ISP Tox
Last Calib Update 12/8/2017 9:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-07 11:48 **Data File** 2b cal 8-1000ng.d
Sample Type Calibration **Sample Name** 2b cal 8-1000ng
Dilution 1 **Acq Method** MDQ Panel 2b 8-8-17.m
Position P1-H5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.850	4956250	155396	31.8944	986.1703
MDMA	MDMA-D6	5.048	6988895	46249	151.1142	977.8923
MDEA	MDEA-D6	5.548	7567362	466761	16.2125	967.0354
Primidone	Tapentadol-D3	6.215	858082	596778	1.4379	1729.8754
Tapentadol	Tapentadol-D3	6.503	12442722	596778	20.8498	993.8026
Meperidine	Meperidine-D4	6.616	4866006	243311	19.9991	994.7154
Normeperidine	Normeperidine-D4	6.703	3701318	140178	26.4045	971.5265
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.736	3861414	209398	18.4405	868.8834
Pentazocine	Pentazocine-13C3	6.919	10268459	349600	29.3721	994.0732
Phencyclidine	Phencyclidine-D5	7.028	14627304	753446	19.4139	1005.2489
Flurazepam	Flunitrazepam-D7	7.315	10606048	11182	948.5089	2773.2724
Zaleplon	Zaleplon-D4	7.341	2417154	86494	27.9459	1007.6062
Phenytoin	Phenytoin-D10	7.389	309606	14429	21.4574	1023.9358
Verapamil	Trimipramine-D3	7.415	8283018	282859	29.2832	1087.4353
Amoxapine	Clomipramine-D3	7.500	495466	98814	5.0141	731.2726
Propoxyphene	Propoxyphene-D11	7.517	11065617	134743	82.1238	968.0643
Flunitrazepam	Flunitrazepam-D7	7.520	1086977	11182	97.2094	1020.2501
Imipramine	Imipramine-D3	7.528	5717616	143696	39.7898	1084.3723
Desipramine	Desipramine-D3	7.549	2535704	125604	20.1882	995.6770
Trimipramine	Trimipramine-D3	7.586	5859517	282859	20.7154	979.2524
Clomipramine	Clomipramine-D3	7.681	1778475	98814	17.9982	995.0501
Norpropoxyphene	Norpropoxyphene-D5	7.929	972331	28494	34.1247	1031.1860