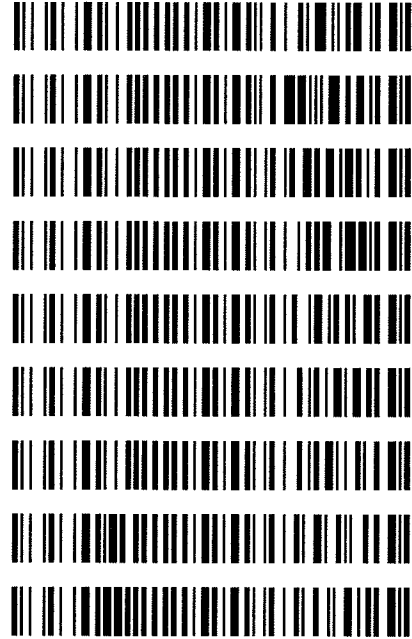


BWylee

Worklist: 1849

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
C2017-1087	1	92530	AM 28 Blood Multi-Drug Quant
C2017-1119	1	87939	AM 28 Blood Multi-Drug Quant
C2017-1350	1	92532	AM 28 Blood Multi-Drug Quant
C2017-1459	2	92432	AM 28 Blood Multi-Drug Quant
C2017-1482	1	92433	AM 28 Blood Multi-Drug Quant
C2017-1501	1	92434	AM 28 Blood Multi-Drug Quant
C2017-1502	1	92435	AM 28 Blood Multi-Drug Quant
M2017-2988	2	92436	AM 28 Blood Multi-Drug Quant
P2017-1516	1	92531	AM 28 Blood Multi-Drug Quant



[Handwritten signature]

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

Extraction Date: 8-8-17
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 **Column:** Agilent 120 EC-C18 (2.1x 100-4um)
LCMS-QQQ ID: 62340

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: 8817 mda p1 and p2 Batch Name: 8817 mda 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 Maprotyline, Phencarazepam, mitragynine not evaluated
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: Levamisole 5-500 Tapentadol 5-500
mirtazapine 5-500 Verapamil 50-1000
nortriptyline 5-500*250 Fluazepam 5-250
Benzoylcegonine 5-500
ondansetron 5-50
Amoxapine 5-500

ISP FORENSICS - Cd'A Instrument # 62340

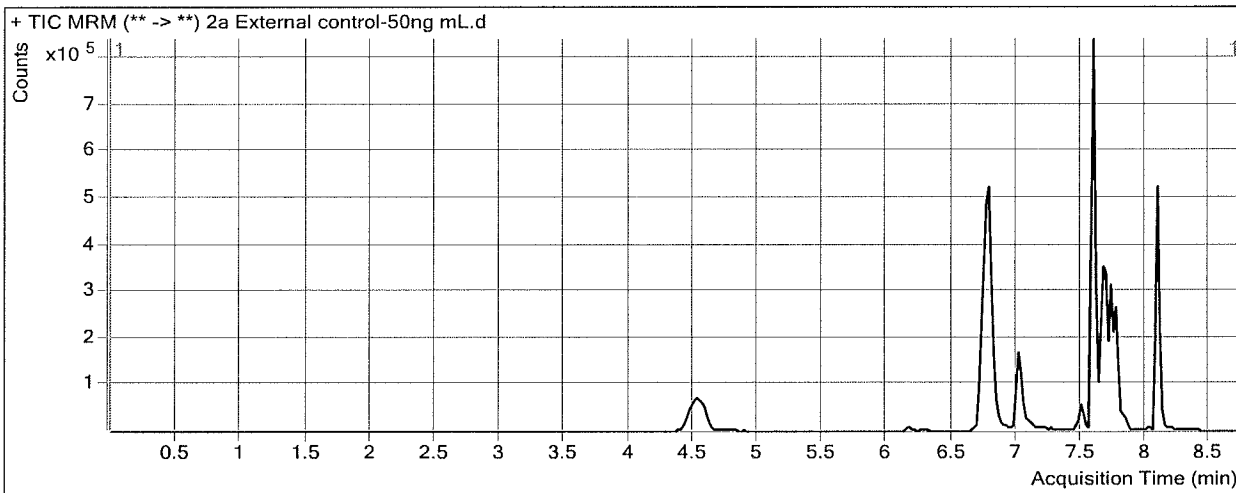
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin
Analysis Time 8/14/2017 12:26 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 12:27 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 12:26 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 10:48 **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-G6 **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	Carbamazepine-13C6	7.024	350152	1986474	0.1763	22.1311
Amitriptyline	Amitriptyline-D3	7.668	107261	74552	1.4387	28.3448

ISP FORENSICS - Cd'A Instrument # 62340

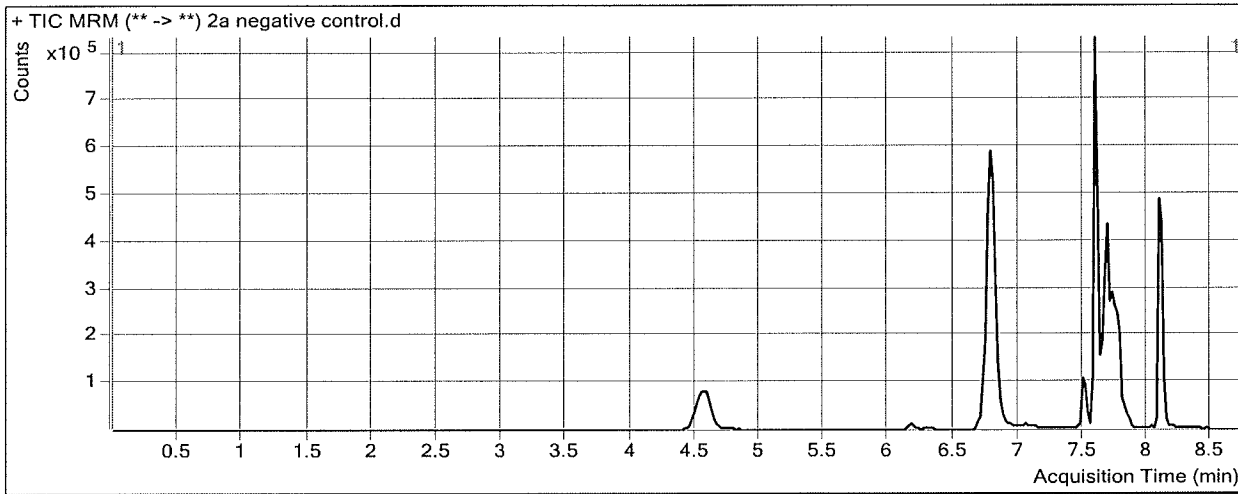
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin
Analysis Time 8/14/2017 12:26 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 12:27 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 12:26 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 10:22 **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-F6 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Methylphenidate	Methylphenidate-D4	6.847	1707	1147598	0.0015	0.5417

ISP FORENSICS - Cd'A Instrument # 62340

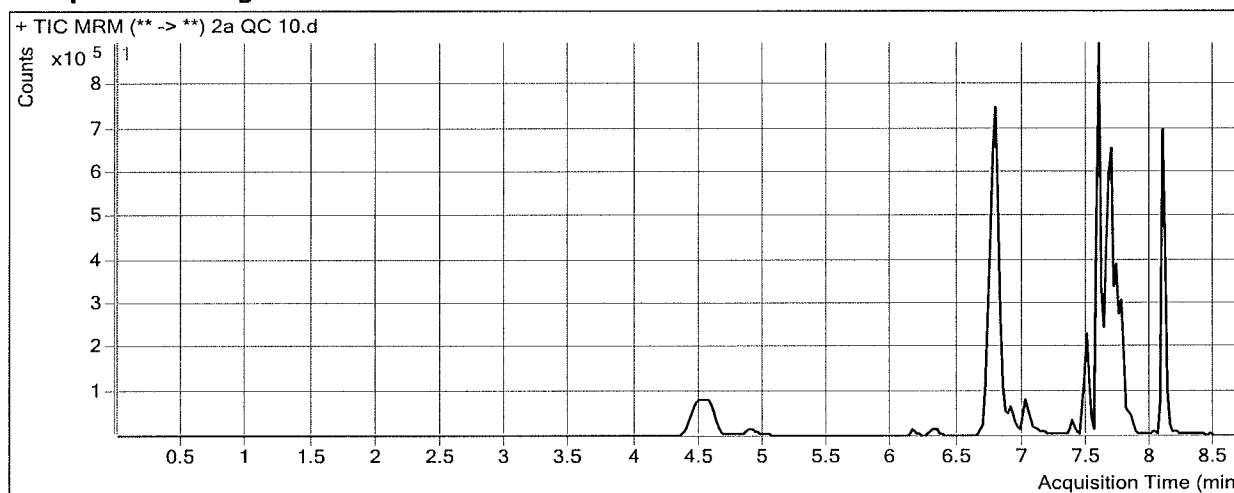
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin
Analysis Time 8/14/2017 12:26 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 12:27 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 12:26 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 11:13 **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	4.576	171744	828747	0.2072	9.6433
Levamisole	Cocaine-D3	4.885	51081	716646	0.0713	8.8418
Benzoylcegonine	Benzoylcegonine-D8	6.319	23251	11100	2.0948	12.0618
Zopiclone	Zopiclone-D4	6.691	11144	51403	0.2168	10.1592
Cocaine	Cocaine-D3	6.755	157668	716646	0.2200	9.2880
Metoprolol	Methylphenidate-D4	6.783	47482	1231682	0.0386	9.5415
Methylphenidate	Methylphenidate-D4	6.807	275524	1231682	0.2237	10.1119
Ondansetron	Amitriptyline-D3	6.895	111864	298158	0.3752	7.8151
Mirtazapine	Carbamazepine-13C6	7.024	156025	1799012	0.0867	11.8052
Doxepin	Doxepin-D3	7.486	98359	523001	0.1881	10.3355
Carbamazepine	Carbamazepine-13C6	7.594	363041	1799012	0.2018	11.6857
Protriptyline	Protriptyline-D3	7.651	80577	386995	0.2082	10.6674
Amitriptyline	Amitriptyline-D3	7.668	153358	298158	0.5144	9.2107
Estazolam	Estazolam-D5	7.664	72233	355259	0.2033	9.3782
Nortriptyline	Nortriptyline-D3	7.692	73441	357779	0.2053	9.1892
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.720	115425	607478	0.1900	11.2998
Midazolam	Midazolam-D4	7.681	33809	471352	0.0717	10.2324
Chlordiazepoxide	Chlordiazepoxide-D5	7.784	56588	482257	0.1173	11.9092
Phenazepam	Phenazepam-D4	7.819	10461	35945	0.2910	9.3835
Prazepam	Prazepam-D5	8.104	280170	1218028	0.2300	10.3328

ISP FORENSICS - Cd'A Instrument # 62340

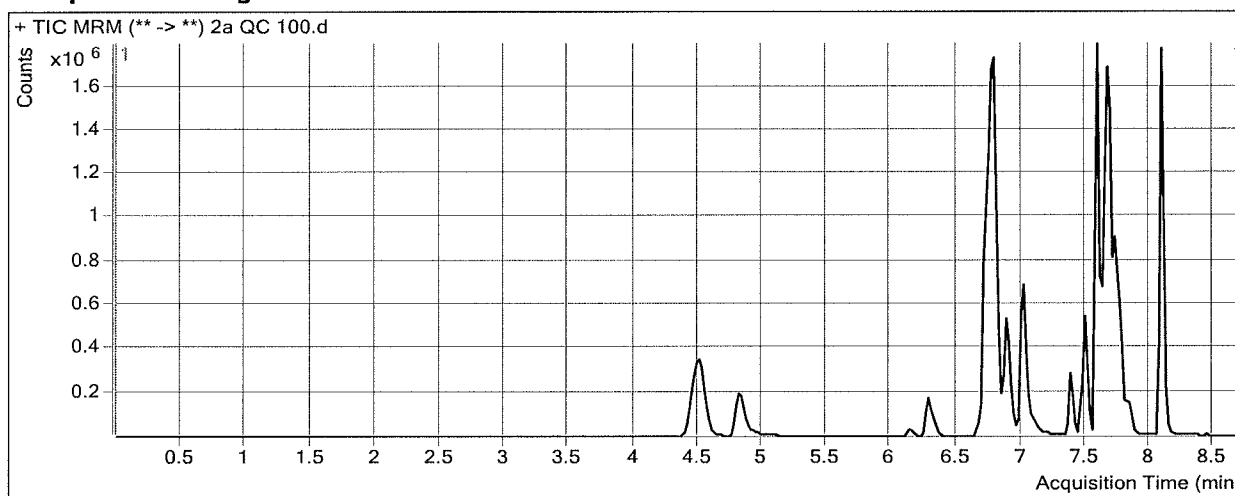
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin
Analysis Time 8/14/2017 12:26 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 12:27 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 12:26 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 14:24 **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	4.516	1619615	757044	2.1394	99.9986
Levamisole	Cocaine-D3	4.805	540431	673109	0.8029	95.8824
Benzoylcegonine	Benzoylcegonine-D8	6.299	270975	12225	22.1656	113.3426
Zopiclone	Zopiclone-D4	6.671	93656	41562	2.2534	96.8854
Cocaine	Cocaine-D3	6.735	1430665	673109	2.1255	96.7011
Metoprolol	Methylphenidate-D4	6.762	441570	1141651	0.3868	95.6429
Methylphenidate	Methylphenidate-D4	6.787	2549352	1141651	2.2330	96.6507
Ondansetron	Amitriptyline-D3	6.875	1067926	232327	4.5967	73.5263 out side curve range A
Mirtazapine	Carbamazepine-13C6	7.024	1420115	1428228	0.9943	116.4705
Doxepin	Doxepin-D3	7.486	789305	391406	2.0166	107.6114
Carbamazepine	Carbamazepine-13C6	7.594	2729250	1428228	1.9109	101.9347
Protriptyline	Protriptyline-D3	7.631	565499	271863	2.0801	100.9092
Amitriptyline	Amitriptyline-D3	7.668	1154890	232327	4.9710	101.4597
Estazolam	Estazolam-D5	7.664	520366	242531	2.1456	103.1857
Nortriptyline	Nortriptyline-D3	7.692	542409	248998	2.1784	90.1645
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.740	925107	508971	1.8176	110.3950
Midazolam	Midazolam-D4	7.701	300707	414672	0.7252	99.9588
Chlordiazepoxide	Chlordiazepoxide-D5	7.784	416582	376765	1.1057	119.0305
Phenazepam	Phenazepam-D4	7.819	73050	28012	2.6078	99.9045
Prazepam	Prazepam-D5	8.083	2337867	1111452	2.1034	100.1471

ISP FORENSICS - Cd'A Instrument # 62340

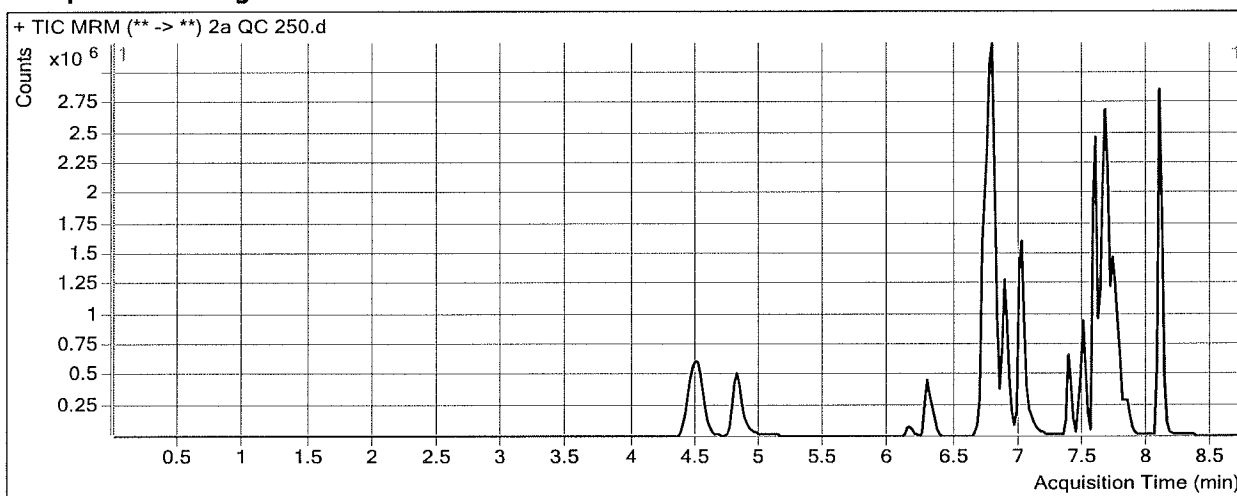
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin
Analysis Time 8/14/2017 12:26 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 12:27 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 12:26 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 14:50 **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	4.516	3876645	736406	5.2643	246.1301
Levamisole	Cocaine-D3	4.805	1533575	621604	2.4671	293.8791
Benzoylcegonine	Benzoylcegonine-D8	6.299	730886	10989	66.5091	337.1067
Zopiclone	Zopiclone-D4	6.671	168431	29213	5.7656	246.4506
Cocaine	Cocaine-D3	6.735	3435178	621604	5.5263	252.7166
Metoprolol	Methylphenidate-D4	6.762	993385	1054738	0.9418	232.8811
Methylphenidate	Methylphenidate-D4	6.787	5843912	1054738	5.5406	239.1030
Ondansetron	Amitriptyline-D3	6.875	2556427	173301	14.7514	231.5940
Mirtazapine	Carbamazepine-13C6	7.024	3389505	1087225	3.1176	361.3283
Doxepin	Doxepin-D3	7.486	1666439	367843	4.5303	241.3383
Carbamazepine	Carbamazepine-13C6	7.594	5220023	1087225	4.8012	254.5537
Protriptyline	Protriptyline-D3	7.631	998454	196337	5.0854	245.7934
Amitriptyline	Amitriptyline-D3	7.668	2157966	173301	12.4521	256.3140
Estazolam	Estazolam-D5	7.664	912791	166716	5.4751	263.9992
Nortriptyline	Nortriptyline-D3	7.692	938788	173943	5.3971	222.2607
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.720	1808527	401883	4.5001	273.7199
Midazolam	Midazolam-D4	7.701	618016	339344	1.8212	250.4597
Chlordiazepoxide	Chlordiazepoxide-D5	7.784	836141	325093	2.5720	277.9580
Phenazepam	Phenazepam-D4	7.819	153155	24708	6.1987	240.2051
Prazepam	Prazepam-D5	8.083	4807151	944900	5.0875	243.2061

outside curve range *

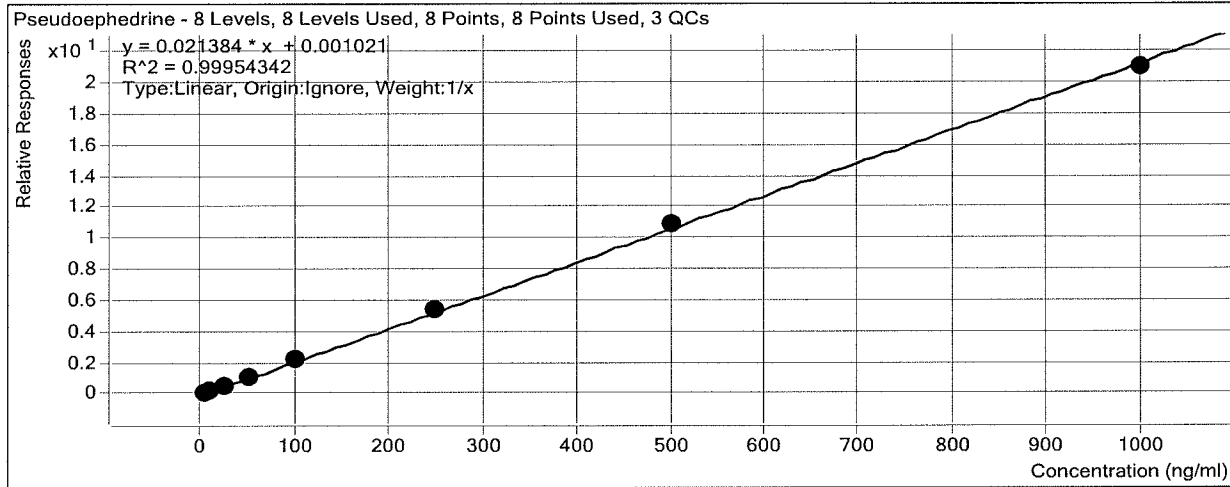
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM

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	5.0	99.5
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.6
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.4
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.8
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.8	101.5
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.3	103.3
2a QC 100	5	<input checked="" type="checkbox"/>	100	100.0	100.0
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.4	102.2
2a QC 250	6	<input checked="" type="checkbox"/>	250	246.1	98.5
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	510.0	102.0
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	981.7	98.2

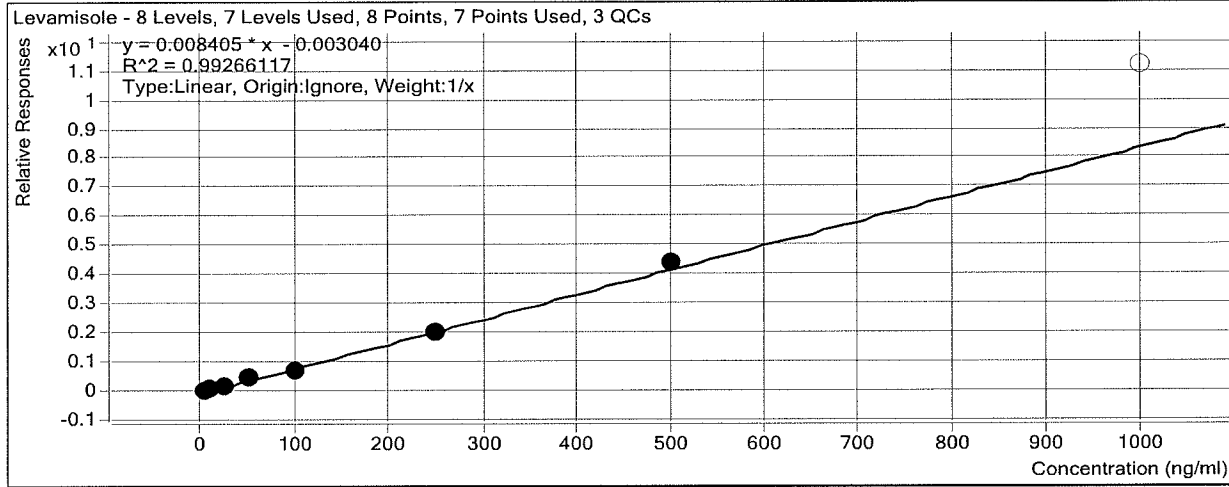
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM

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	5.5	109.4
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	104.8
2a QC 10	2	<input checked="" type="checkbox"/>	10	8.8	88.4
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.2
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.4	106.8
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	81.1	81.1
2a QC 100	5	<input checked="" type="checkbox"/>	100	95.9	95.9
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	237.8	95.1
2a QC 250	6	<input checked="" type="checkbox"/>	250	293.9	117.6
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	527.4	105.5
2a cal 8-1000ng	8	<input type="checkbox"/>	1000	1329.0	132.9

ISP Forensics Calibration Curve Report

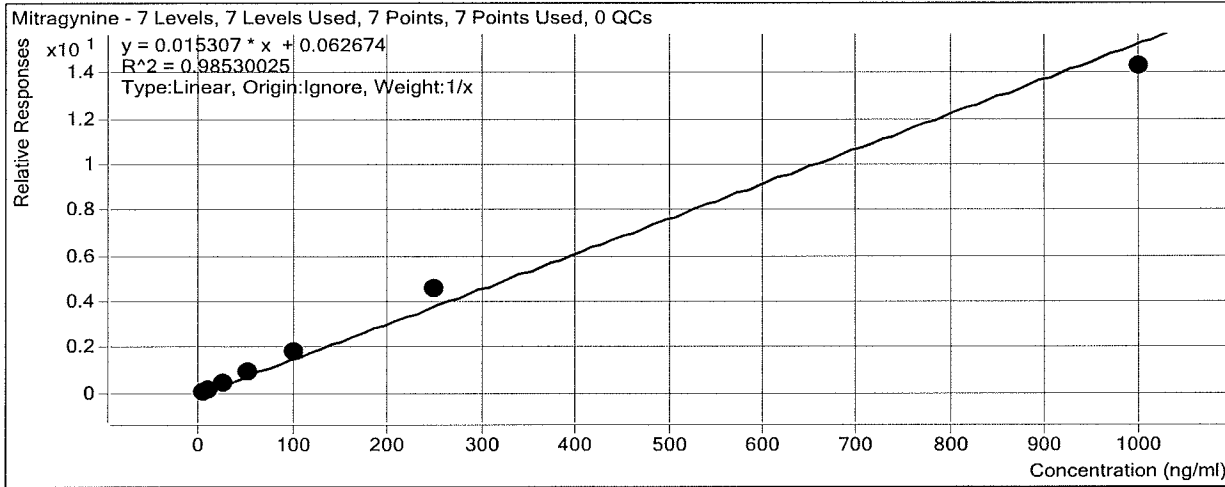
Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin


Last Calib Update 8/14/2017 12:26 PM

Analyst Name ISP TOX

Target Compound *Mitragynine*

Internal Standard *Mitragynine-D3*



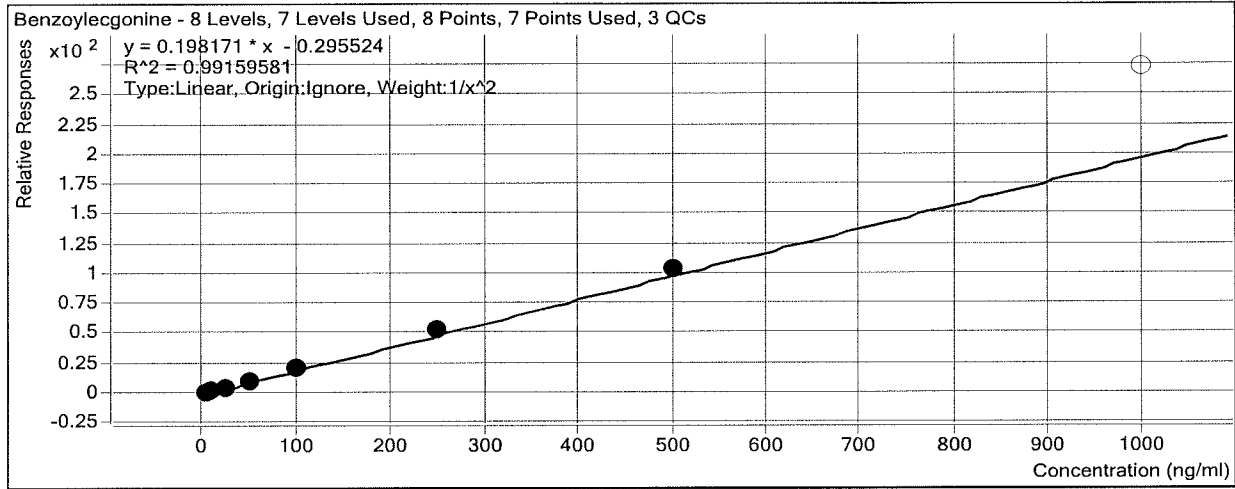
Not evaluated, not currently in scope
of method 

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **Analyst Name** ISP TOX

Target Compound Benzoylecgonine
Internal Standard Benzoylecgonine-D8



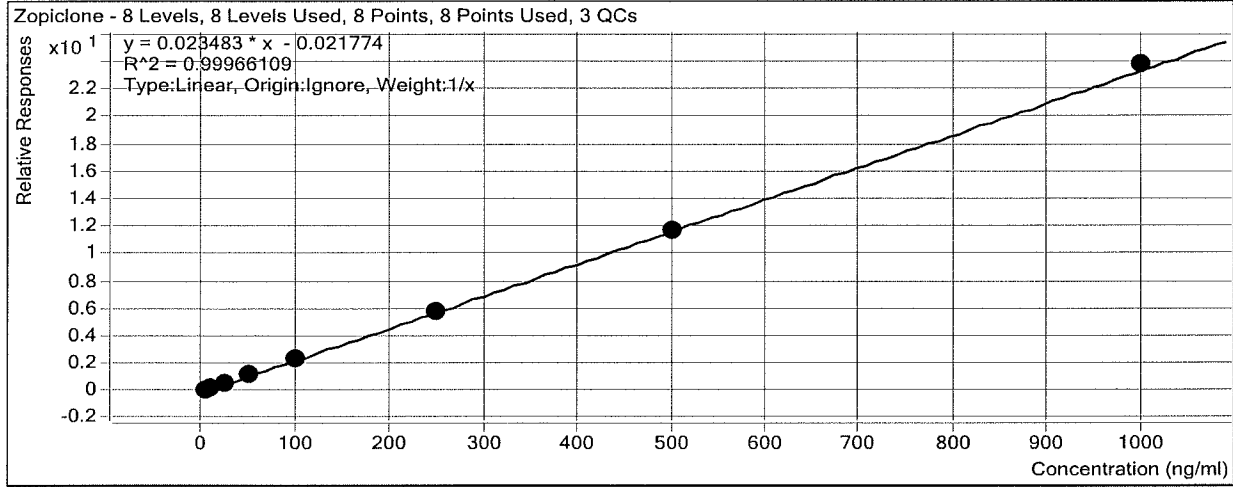
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.7
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.2
2a QC 10	2	<input checked="" type="checkbox"/>	10	12.1	120.6
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.6	90.3
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.0	92.1
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.8	104.8
2a QC 100	5	<input checked="" type="checkbox"/>	100	113.3	113.3
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	272.5	109.0
2a QC 250	6	<input checked="" type="checkbox"/>	250	337.1	134.8
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	524.6	104.9
2a cal 8-1000ng	8	<input type="checkbox"/>	1000	1377.8	137.8

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **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	5.6	112.1
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.7
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	101.6
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.5	94.1
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.2	96.3
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.5	98.5
2a QC 100	5	<input checked="" type="checkbox"/>	100	96.9	96.9
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.2	97.7
2a QC 250	6	<input checked="" type="checkbox"/>	250	246.5	98.6
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.2	99.2
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1013.7	101.4

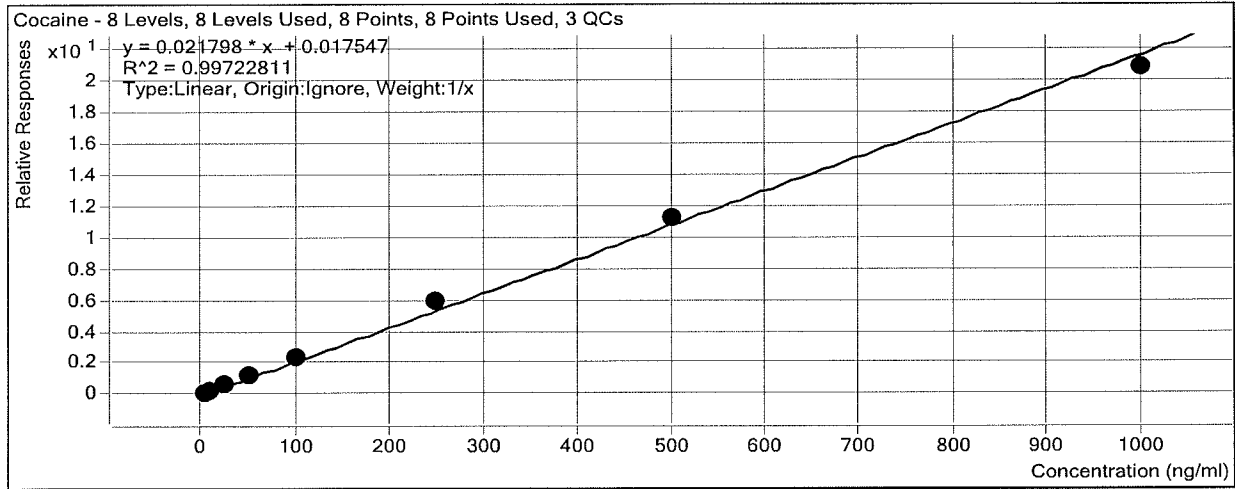
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM

Analyst Name ISP TOX

Target Compound Cocaine
Internal Standard Cocaine-D3



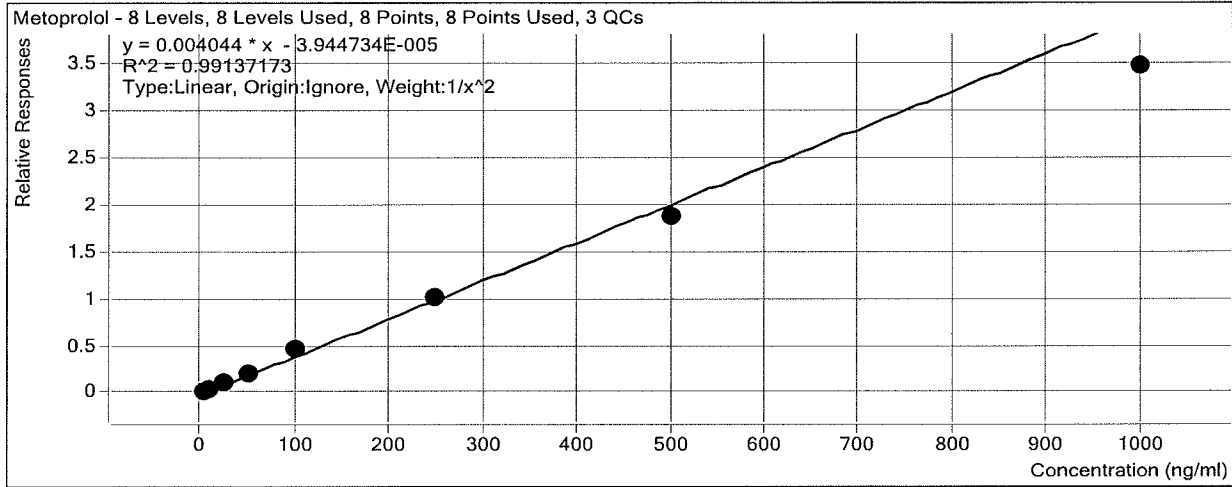
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.2	84.9
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.1
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.3	92.9
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.2
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.6	105.1
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.7	106.7
2a QC 100	5	<input checked="" type="checkbox"/>	100	96.7	96.7
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	270.4	108.2
2a QC 250	6	<input checked="" type="checkbox"/>	250	252.7	101.1
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	516.2	103.2
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	955.1	95.5

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **Analyst Name** ISP TOX

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



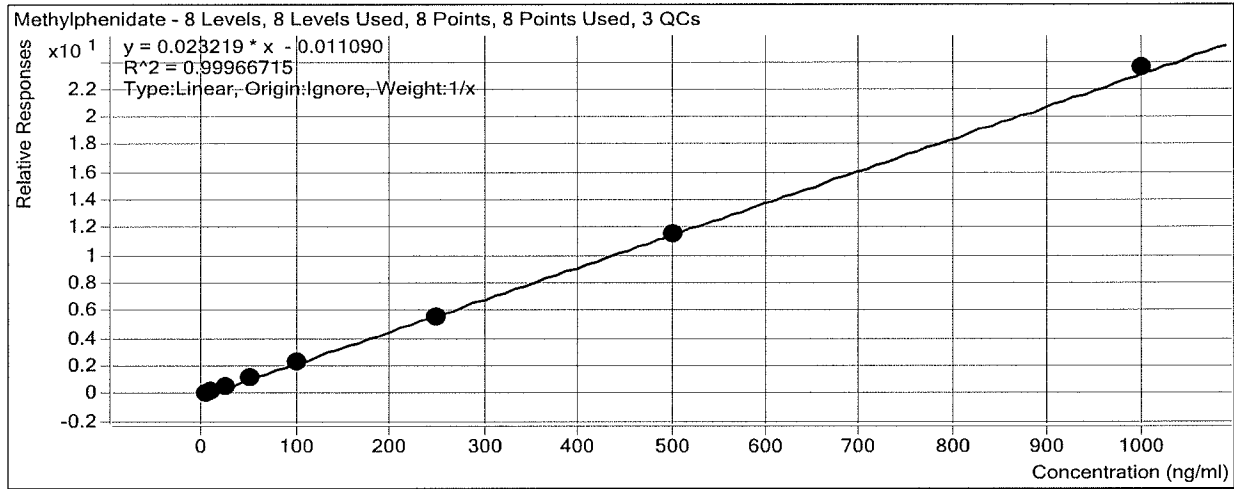
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.8
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.4
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.4
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.4
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.2	104.3
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	113.4	113.4
2a QC 100	5	<input checked="" type="checkbox"/>	100	95.6	95.6
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.9	101.6
2a QC 250	6	<input checked="" type="checkbox"/>	250	232.9	93.2
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	465.6	93.1
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	859.3	85.9

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **Analyst Name** ISP TOX

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



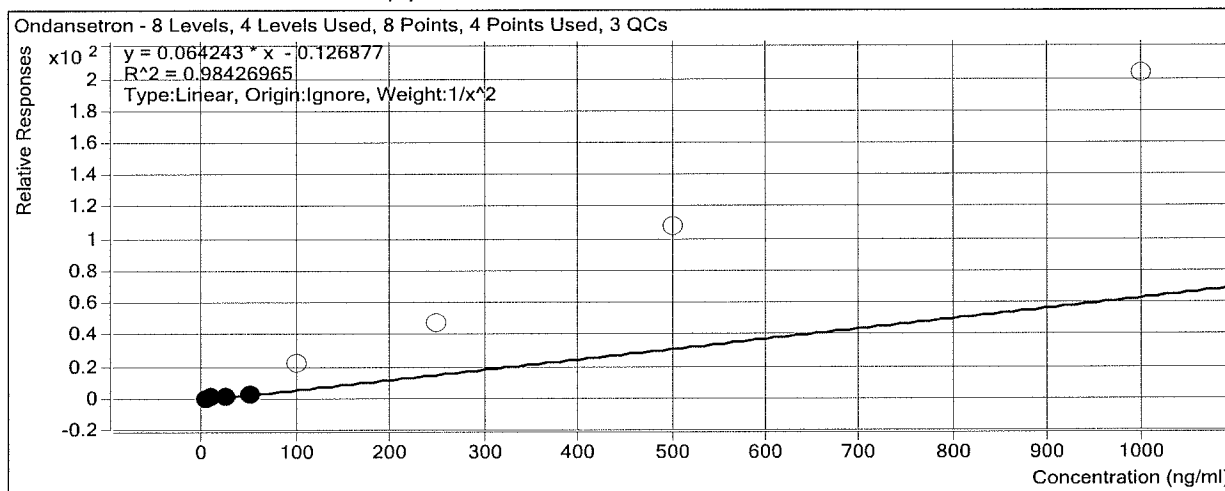
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.5
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.6
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.1
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.5
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.4	98.8
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.2	98.2
2a QC 100	5	<input checked="" type="checkbox"/>	100	96.7	96.7
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	241.5	96.6
2a QC 250	6	<input checked="" type="checkbox"/>	250	239.1	95.6
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.0	99.4
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1014.1	101.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **Analyst Name** ISP TOX

Target Compound Ondansetron
Internal Standard Amitriptyline-D3



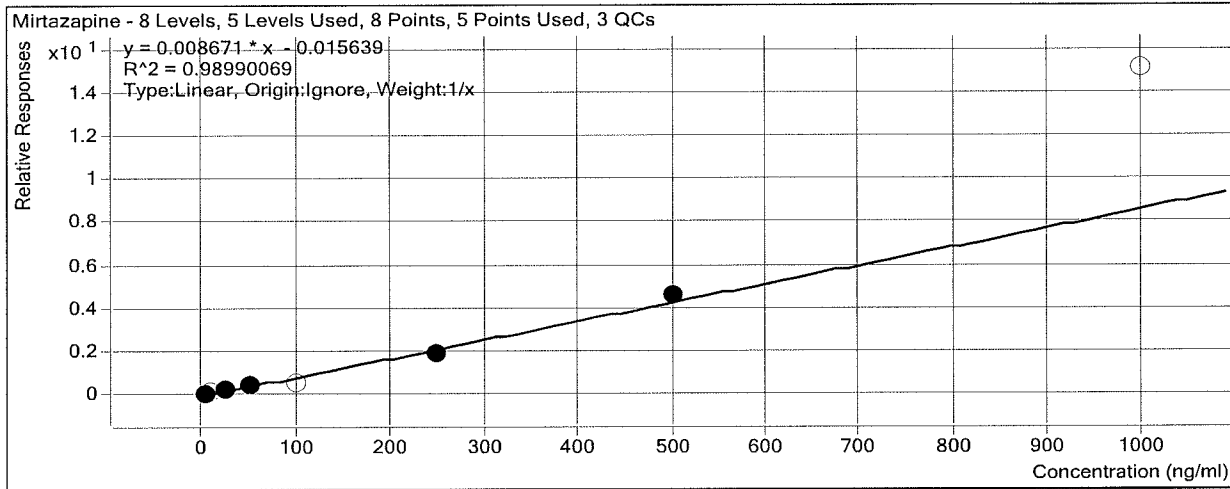
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.8
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.7	87.3
2a QC 10	2	<input checked="" type="checkbox"/>	10	7.8	78.2
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.9	107.5
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.2	100.4
2a cal 5-100ng	5	<input type="checkbox"/>	100	351.4	351.4
2a QC 100	5	<input type="checkbox"/>	100	73.5	73.5
2a cal 6-250ng	6	<input type="checkbox"/>	250	730.8	292.3
2a QC 250	6	<input type="checkbox"/>	250	231.6	92.6
2a cal 7-500ng	7	<input type="checkbox"/>	500	1673.2	334.6
2a cal 8-1000ng	8	<input type="checkbox"/>	1000	3163.6	316.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **Analyst Name** ISP TOX

Target Compound *Mirtazapine*
Internal Standard *Carbamazepine-13C6*



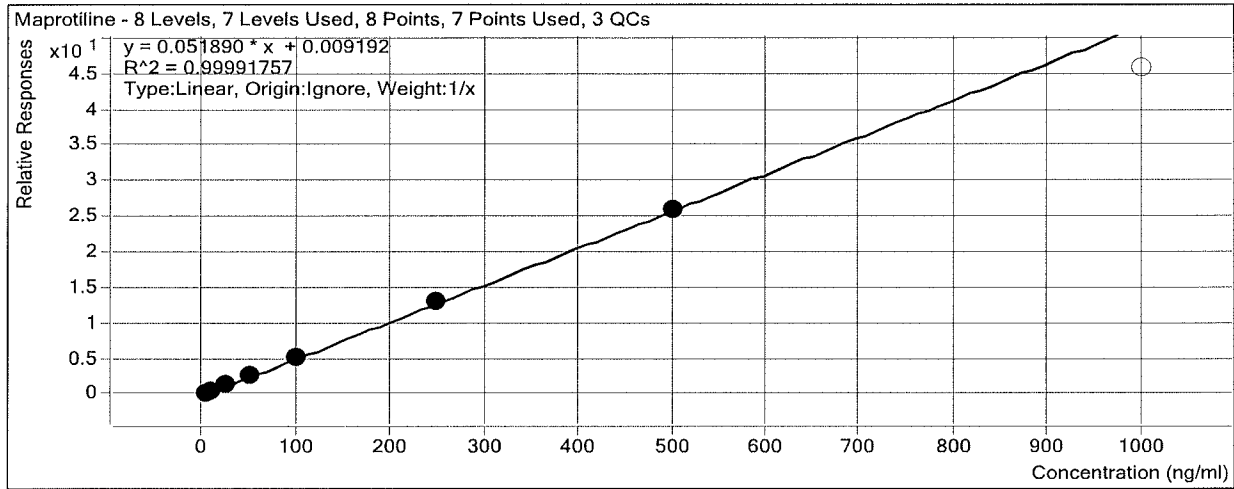
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.8	115.1
2a cal 2-10ng	2	<input type="checkbox"/>	10	9.7	97.4
2a QC 10	2	<input type="checkbox"/>	10	11.8	118.1
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.2	92.8
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.3	98.6
2a cal 5-100ng	5	<input type="checkbox"/>	100	65.8	65.8
2a QC 100	5	<input checked="" type="checkbox"/>	100	116.5	116.5
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	215.8	86.3
2a QC 250	6	<input type="checkbox"/>	250	361.3	144.5
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	535.9	107.2
2a cal 8-1000ng	8	<input type="checkbox"/>	1000	1745.8	174.6

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **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	0.0	0.0
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	0.0	0.0
2a QC 10	2	<input checked="" type="checkbox"/>	10	0.0	0.0
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	0.0	0.0
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	0.0	0.0
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	0.0	0.0
2a QC 100	5	<input checked="" type="checkbox"/>	100	0.0	0.0
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	0.0	0.0
2a QC 250	6	<input checked="" type="checkbox"/>	250	0.0	0.0
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	0.0	0.0
2a cal 8-1000ng	8	<input type="checkbox"/>	1000	0.0	0.0

Not evaluated in this run. *[Signature]*

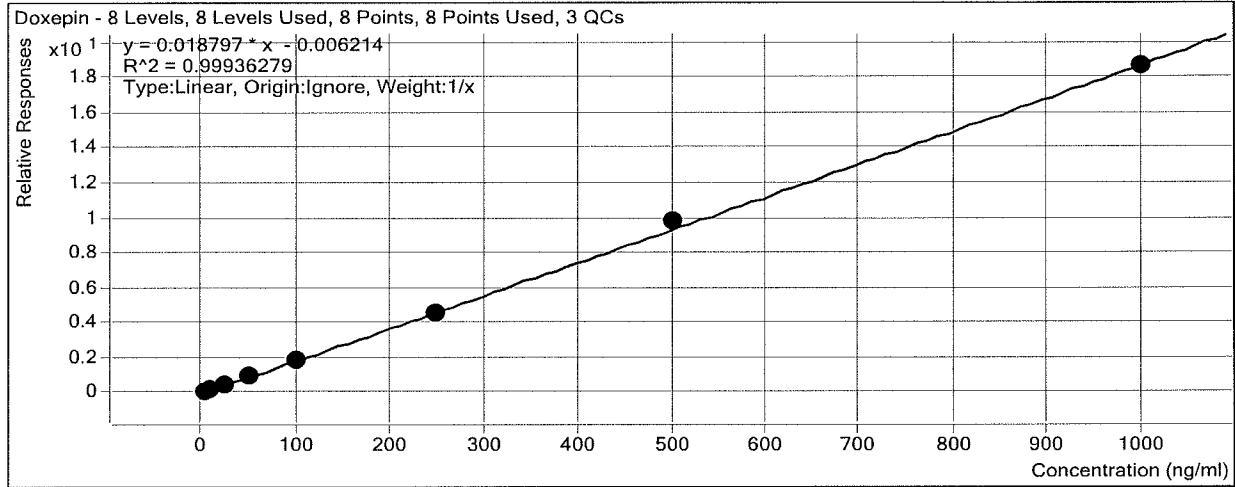
[Signature]

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **Analyst Name** ISP TOX

Target Compound Doxepin
Internal Standard Doxepin-D3



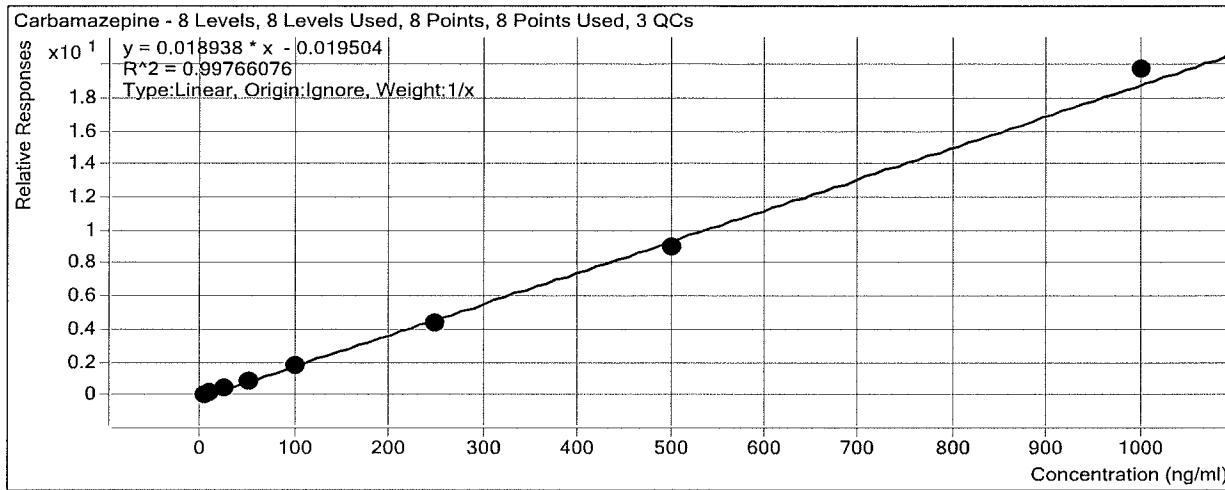
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.9
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.1
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	103.4
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.9
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.8	99.6
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.7	97.7
2a QC 100	5	<input checked="" type="checkbox"/>	100	107.6	107.6
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.3	96.9
2a QC 250	6	<input checked="" type="checkbox"/>	250	241.3	96.5
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	519.1	103.8
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	991.5	99.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **Analyst Name** ISP TOX

Target Compound Carbamazepine
Internal Standard Carbamazepine-13C6



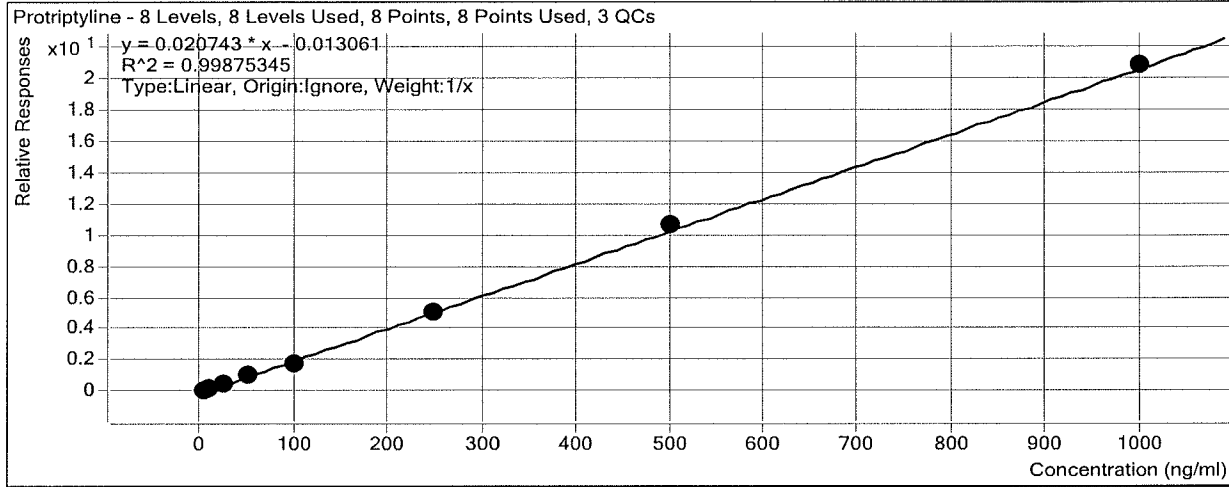
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.9	118.5
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.7
2a QC 10	2	<input checked="" type="checkbox"/>	10	11.7	116.9
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.5
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.8
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.9	94.9
2a QC 100	5	<input checked="" type="checkbox"/>	100	101.9	101.9
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	233.0	93.2
2a QC 250	6	<input checked="" type="checkbox"/>	250	254.6	101.8
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	480.8	96.2
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1042.2	104.2

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **Analyst Name** ISP TOX

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



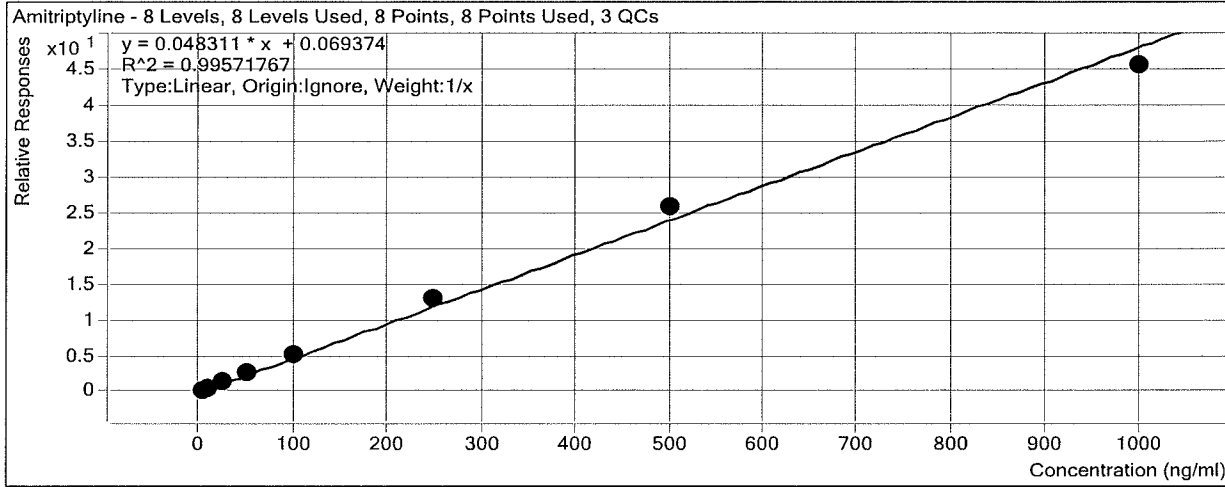
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	108.7
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.5
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.7	106.7
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.2
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.9	99.8
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	87.2	87.2
2a QC 100	5	<input checked="" type="checkbox"/>	100	100.9	100.9
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	243.8	97.5
2a QC 250	6	<input checked="" type="checkbox"/>	250	245.8	98.3
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	513.0	102.6
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1005.3	100.5

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **Analyst Name** ISP TOX

Target Compound Amitriptyline
Internal Standard Amitriptyline-D3



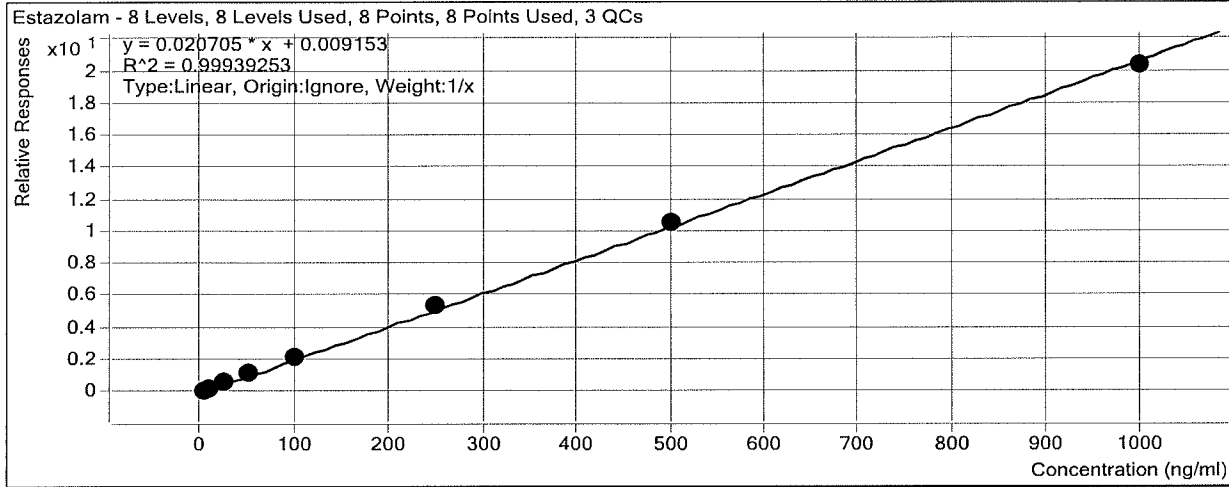
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.1	82.2
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.3
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.1
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.8
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.6	107.1
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.1	107.1
2a QC 100	5	<input checked="" type="checkbox"/>	100	101.5	101.5
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	267.8	107.1
2a QC 250	6	<input checked="" type="checkbox"/>	250	256.3	102.5
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	531.3	106.3
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	941.4	94.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **Analyst Name** ISP TOX

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



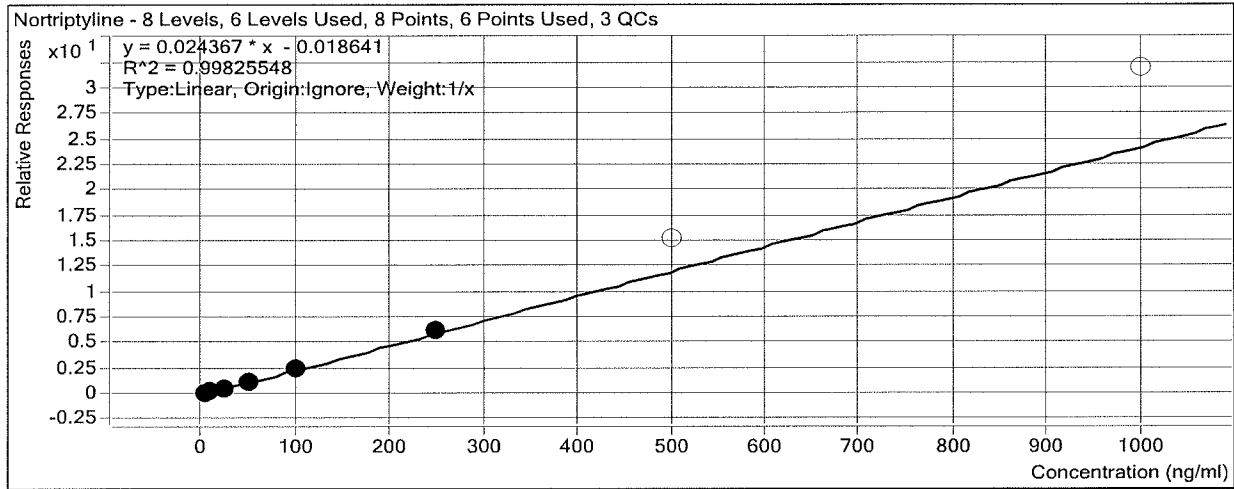
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.4	88.7
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.8
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	93.8
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.5	102.2
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.5	105.0
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.4	104.4
2a QC 100	5	<input checked="" type="checkbox"/>	100	103.2	103.2
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.5	102.6
2a QC 250	6	<input checked="" type="checkbox"/>	250	264.0	105.6
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	507.0	101.4
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	979.8	98.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **Analyst Name** ISP TOX

Target Compound Nortriptyline
Internal Standard Nortriptyline-D3



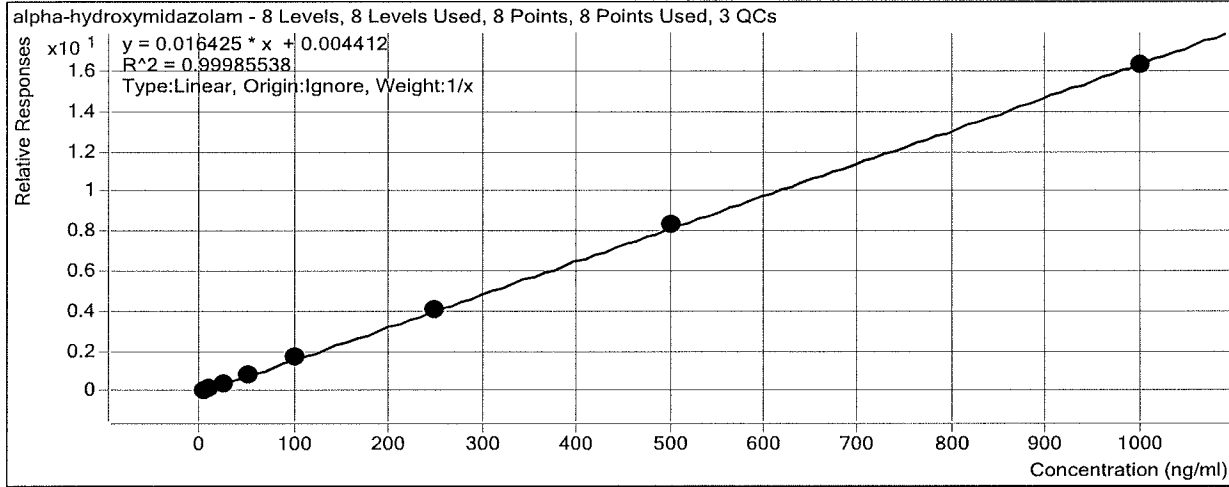
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.7	114.1
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.7
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.2	91.9
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.5	90.2
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.1	94.2
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.9	99.9
2a QC 100	5	<input checked="" type="checkbox"/>	100	90.2	90.2
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.8	101.9
2a QC 250	6	<input checked="" type="checkbox"/>	250	222.3	88.9
2a cal 7-500ng	7	<input type="checkbox"/>	500	622.2	124.4
2a cal 8-1000ng	8	<input type="checkbox"/>	1000	1310.6	131.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **Analyst Name** ISP TOX

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



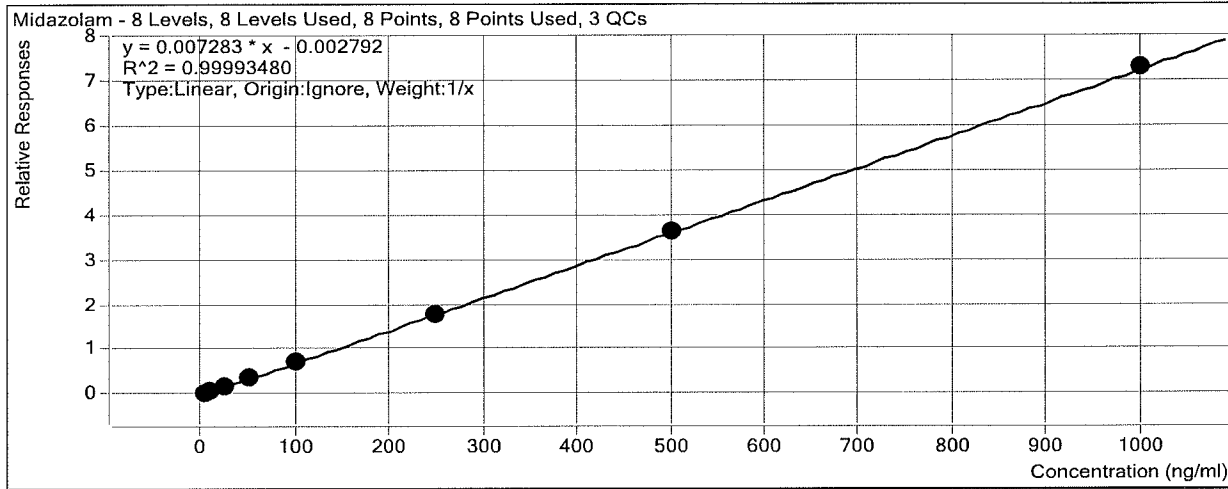
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	93.0
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.4
2a QC 10	2	<input checked="" type="checkbox"/>	10	11.3	113.0
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.3
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.3	102.6
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.5	102.5
2a QC 100	5	<input checked="" type="checkbox"/>	100	110.4	110.4
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.3	100.1
2a QC 250	6	<input checked="" type="checkbox"/>	250	273.7	109.5
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.1	101.0
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	990.9	99.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **Analyst Name** ISP TOX

Target Compound *Midazolam*
Internal Standard *Midazolam-D4*



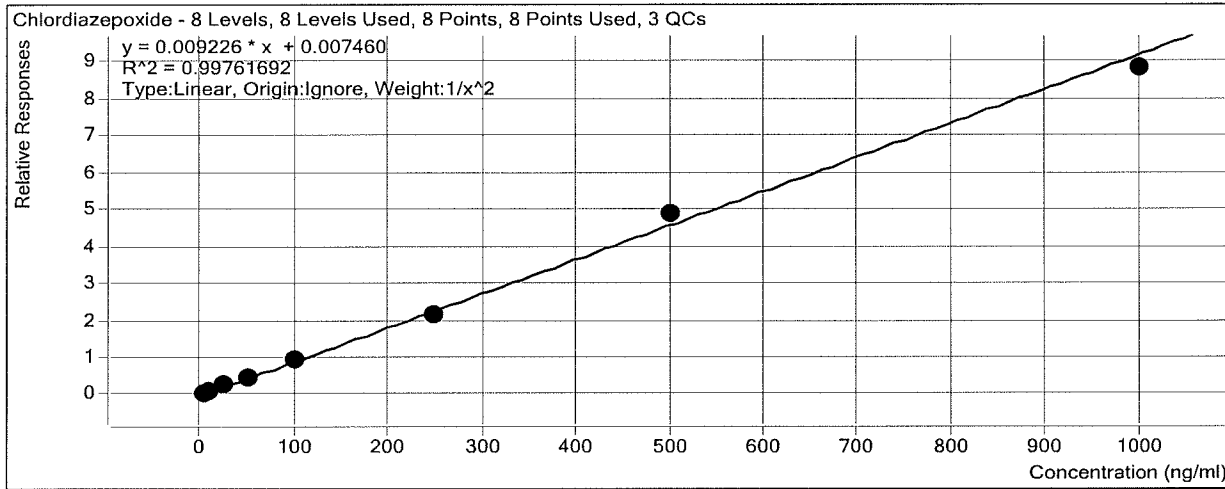
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	101.0
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.3
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.3
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.2
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.4	98.8
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.0	102.0
2a QC 100	5	<input checked="" type="checkbox"/>	100	100.0	100.0
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.2	98.5
2a QC 250	6	<input checked="" type="checkbox"/>	250	250.5	100.2
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	500.2	100.0
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1002.0	100.2

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **Analyst Name** ISP TOX

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



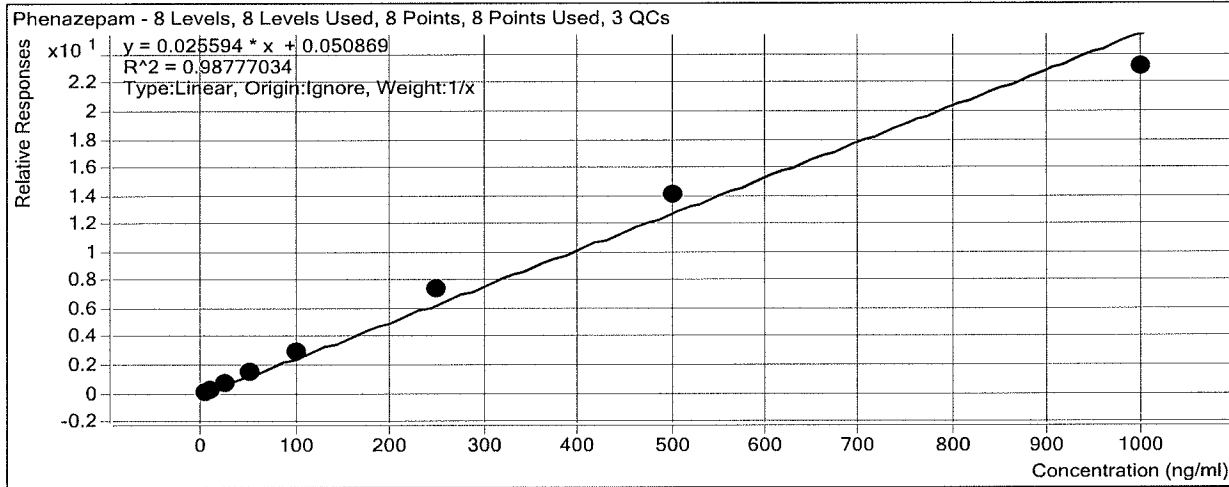
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.2
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	105.0
2a QC 10	2	<input checked="" type="checkbox"/>	10	11.9	119.1
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.6
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.1	100.2
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.7	100.7
2a QC 100	5	<input checked="" type="checkbox"/>	100	119.0	119.0
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	235.2	94.1
2a QC 250	6	<input checked="" type="checkbox"/>	250	278.0	111.2
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	528.9	105.8
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	954.1	95.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **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	3.7	74.7
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.4	83.5
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	93.8
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.3
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	56.5	113.0
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	111.7	111.7
2a QC 100	5	<input checked="" type="checkbox"/>	100	99.9	99.9
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	285.7	114.3
2a QC 250	6	<input checked="" type="checkbox"/>	250	240.2	96.1
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	546.6	109.3
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	901.7	90.2

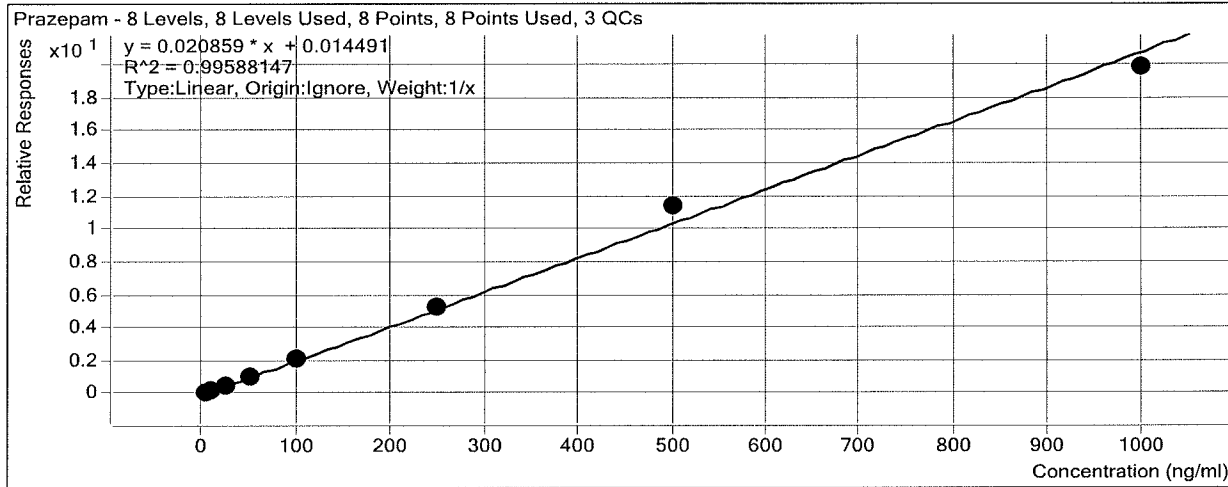
Not evaluated in this
run.

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin

Last Calib Update 8/14/2017 12:26 PM **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	4.7	94.8
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.7
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	103.3
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.7
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.3
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.7	101.7
2a QC 100	5	<input checked="" type="checkbox"/>	100	100.1	100.1
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.9	99.9
2a QC 250	6	<input checked="" type="checkbox"/>	250	243.2	97.3
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	549.0	109.8
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	950.4	95.0

ISP FORENSICS - Cd'A Instrument # 62340

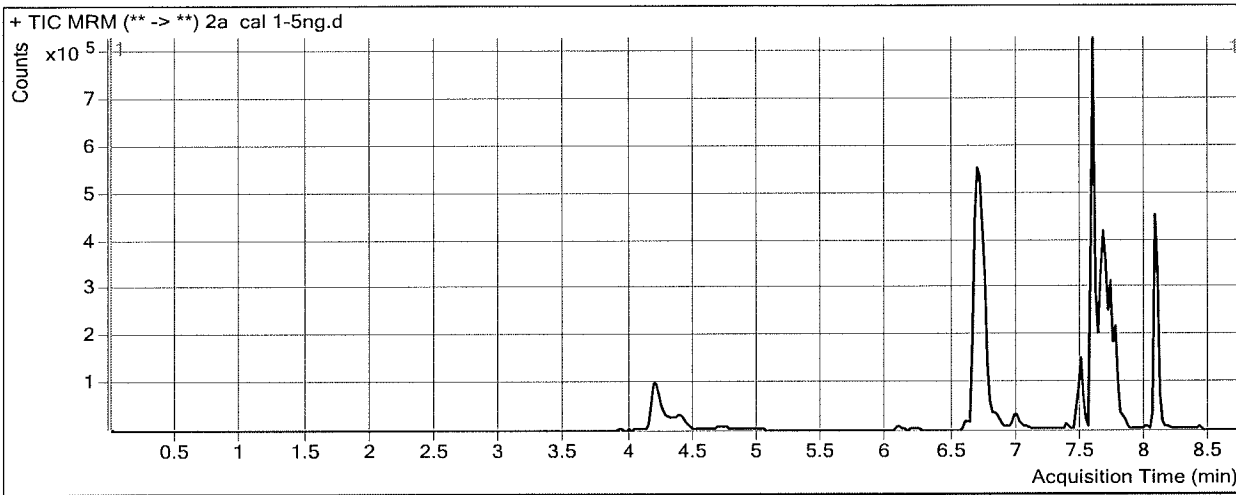
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin
Analysis Time 8/14/2017 12:26 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 12:27 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 12:26 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 06:45 **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	4.216	74678	695592	0.1074	4.9728
Levamisole	Cocaine-D3	4.705	27408	638173	0.0429	5.4713
Benzoylcegonine	Benzoylcegonine-D8	6.238	7734	10292	0.7515	5.2836
Zopiclone	Zopiclone-D4	6.611	6214	56579	0.1098	5.6039
Cocaine	Cocaine-D3	6.674	70218	638173	0.1100	4.2427
Metoprolol	Methylphenidate-D4	6.722	20070	1016762	0.0197	4.8902
Methylphenidate	Methylphenidate-D4	6.747	114483	1016762	0.1126	5.3269
Ondansetron	Amitriptyline-D3	6.837	47049	224298	0.2098	5.2401
Mirtazapine	Carbamazepine-13C6	6.984	58385	1704290	0.0343	5.7543
Doxepin	Doxepin-D3	7.486	33003	361081	0.0914	5.1930
Carbamazepine	Carbamazepine-13C6	7.594	157918	1704290	0.0927	5.9227
Protriptyline	Protriptyline-D3	7.631	26459	265461	0.0997	5.4348
Amitriptyline	Amitriptyline-D3	7.647	60085	224298	0.2679	4.1090
Estazolam	Estazolam-D5	7.664	33272	329638	0.1009	4.4330
Nortriptyline	Nortriptyline-D3	7.672	29298	243378	0.1204	5.7054
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.720	41002	507402	0.0808	4.6513
Midazolam	Midazolam-D4	7.701	14091	414802	0.0340	5.0481
Chlordiazepoxide	Chlordiazepoxide-D5	7.764	18626	356166	0.0523	4.8596
Phenazepam	Phenazepam-D4	7.819	3943	26917	0.1465	3.7364
Prazepam	Prazepam-D5	8.083	104782	924165	0.1134	4.7409

ISP FORENSICS - Cd'A Instrument # 62340

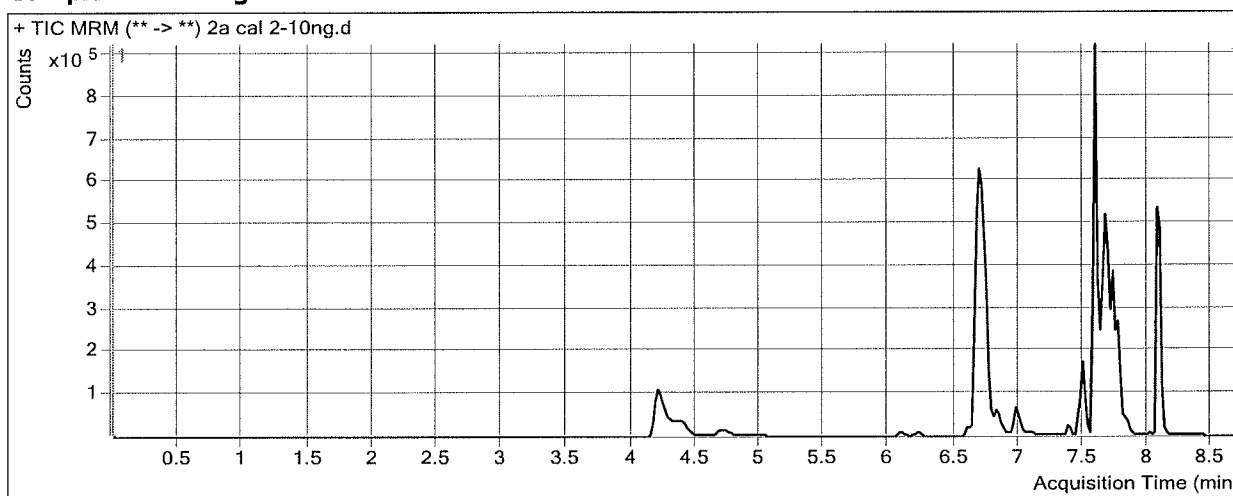
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin
Analysis Time 8/14/2017 12:26 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 12:27 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 12:26 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 07:11 **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	4.236	151472	729700	0.2076	9.6596
Levamisole	Cocaine-D3	4.705	54480	640456	0.0851	10.4820
Benzoylcegonine	Benzoylcegonine-D8	6.218	15659	10098	1.5507	9.3163
Zopiclone	Zopiclone-D4	6.611	12672	59020	0.2147	10.0702
Cocaine	Cocaine-D3	6.674	145409	640456	0.2270	9.6105
Metoprolol	Methylphenidate-D4	6.722	42171	1028877	0.0410	10.1439
Methylphenidate	Methylphenidate-D4	6.727	231395	1028877	0.2249	10.1637
Ondansetron	Amitriptyline-D3	6.817	99113	228350	0.4340	8.7312
Mirtazapine	Carbamazepine-13C6	6.984	116689	1694860	0.0688	9.7434
Doxepin	Doxepin-D3	7.486	69526	374505	0.1856	10.2069
Carbamazepine	Carbamazepine-13C6	7.594	277414	1694860	0.1637	9.6728
Protriptyline	Protriptyline-D3	7.631	58270	289041	0.2016	10.3485
Amitriptyline	Amitriptyline-D3	7.668	120939	228350	0.5296	9.5268
Estazolam	Estazolam-D5	7.664	70400	332699	0.2116	9.7781
Nortriptyline	Nortriptyline-D3	7.692	58963	262838	0.2243	9.9715
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.720	98627	576951	0.1709	10.1393
Midazolam	Midazolam-D4	7.701	30288	440304	0.0688	9.8289
Chlordiazepoxide	Chlordiazepoxide-D5	7.784	46058	441354	0.1044	10.5020
Phenazepam	Phenazepam-D4	7.819	8933	33753	0.2647	8.3529
Prazepam	Prazepam-D5	8.083	245692	1084189	0.2266	10.1695

ISP FORENSICS - Cd'A Instrument # 62340

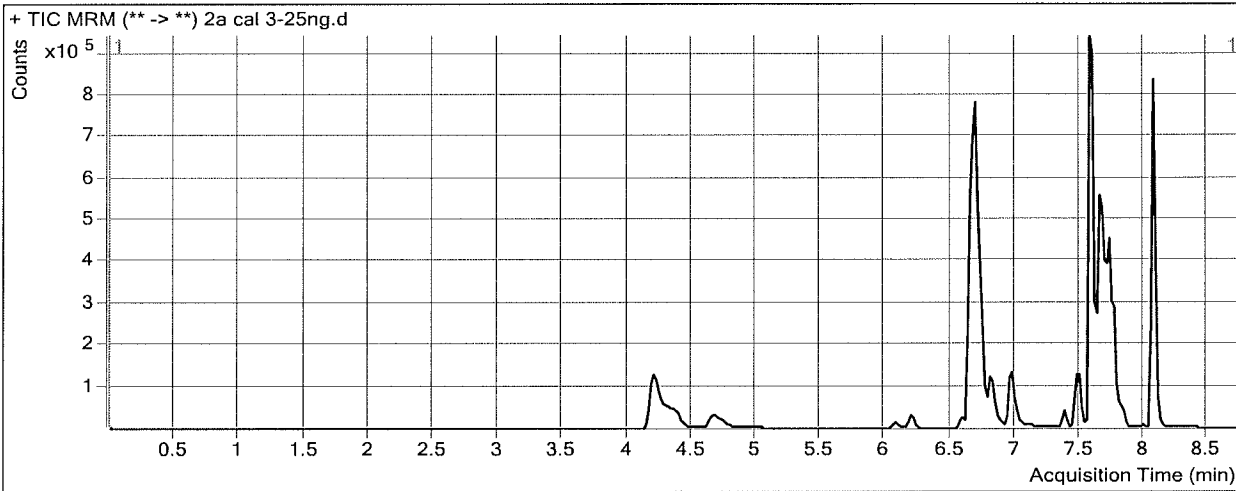
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin
Analysis Time 8/14/2017 12:26 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 12:27 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 12:26 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 07:37 **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	4.236	351119	677347	0.5184	24.1934
Levamisole	Cocaine-D3	4.664	124873	620541	0.2012	24.3027
Benzoylcegonine	Benzoylcegonine-D8	6.198	45961	10994	4.1806	22.5872
Zopiclone	Zopiclone-D4	6.591	24714	46596	0.5304	23.5132
Cocaine	Cocaine-D3	6.654	349853	620541	0.5638	25.0589
Metoprolol	Methylphenidate-D4	6.702	104029	1005109	0.1035	25.6007
Methylphenidate	Methylphenidate-D4	6.727	557487	1005109	0.5547	24.3656
Ondansetron	Amitriptyline-D3	6.797	237356	148327	1.6002	26.8840
Mirtazapine	Carbamazepine-13C6	6.984	321300	1732375	0.1855	23.1921
Doxepin	Doxepin-D3	7.465	109309	243388	0.4491	24.2230
Carbamazepine	Carbamazepine-13C6	7.574	774370	1732375	0.4470	24.6332
Protriptyline	Protriptyline-D3	7.631	92426	182522	0.5064	25.0420
Amitriptyline	Amitriptyline-D3	7.647	190821	148327	1.2865	25.1935
Estazolam	Estazolam-D5	7.664	179765	334196	0.5379	25.5379
Nortriptyline	Nortriptyline-D3	7.672	85809	161736	0.5305	22.5386
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.720	237686	571135	0.4162	25.0693
Midazolam	Midazolam-D4	7.681	78774	434003	0.1815	25.3067
Chlordiazepoxide	Chlordiazepoxide-D5	7.764	108082	446905	0.2418	25.4037
Phenazepam	Phenazepam-D4	7.799	20362	28609	0.7117	25.8215
Prazepam	Prazepam-D5	8.063	569172	1086410	0.5239	24.4219

ISP FORENSICS - Cd'A Instrument # 62340

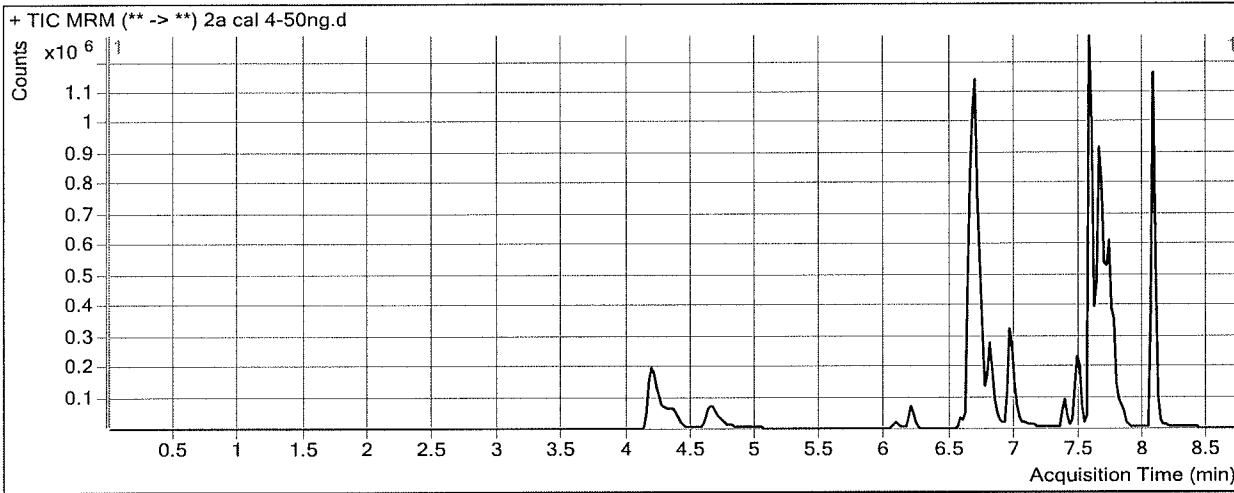
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin
Analysis Time 8/14/2017 12:26 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 12:27 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 12:26 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 08:02 **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	4.216	755626	695337	1.0867	50.7707
Levamisole	Cocaine-D3	4.644	283089	634848	0.4459	53.4130
Benzoylcegonine	Benzoylcegonine-D8	6.198	102665	11630	8.8273	46.0351
Zopiclone	Zopiclone-D4	6.591	49446	44574	1.1093	48.1651
Cocaine	Cocaine-D3	6.654	738625	634848	1.1635	52.5695
Metoprolol	Methylphenidate-D4	6.702	230319	1091920	0.2109	52.1631
Methylphenidate	Methylphenidate-D4	6.707	1240450	1091920	1.1360	49.4043
Ondansetron	Amitriptyline-D3	6.797	519649	167818	3.0965	50.1750
Mirtazapine	Carbamazepine-13C6	6.963	663361	1610028	0.4120	49.3183
Doxepin	Doxepin-D3	7.465	269654	289990	0.9299	49.7990
Carbamazepine	Carbamazepine-13C6	7.574	1459375	1610028	0.9064	48.8928
Protriptyline	Protriptyline-D3	7.631	214823	210180	1.0221	49.9040
Amitriptyline	Amitriptyline-D3	7.647	445924	167818	2.6572	53.5661
Estazolam	Estazolam-D5	7.644	336884	307348	1.0961	52.4979
Nortriptyline	Nortriptyline-D3	7.672	208423	184558	1.1293	47.1114
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.720	458473	541331	0.8469	51.2966
Midazolam	Midazolam-D4	7.701	157744	441752	0.3571	49.4163
Chlordiazepoxide	Chlordiazepoxide-D5	7.764	202166	430248	0.4699	50.1196
Phenazepam	Phenazepam-D4	7.799	38277	25559	1.4976	56.5241
Prazepam	Prazepam-D5	8.063	1137925	1083888	1.0499	49.6369

ISP FORENSICS - Cd'A Instrument # 62340

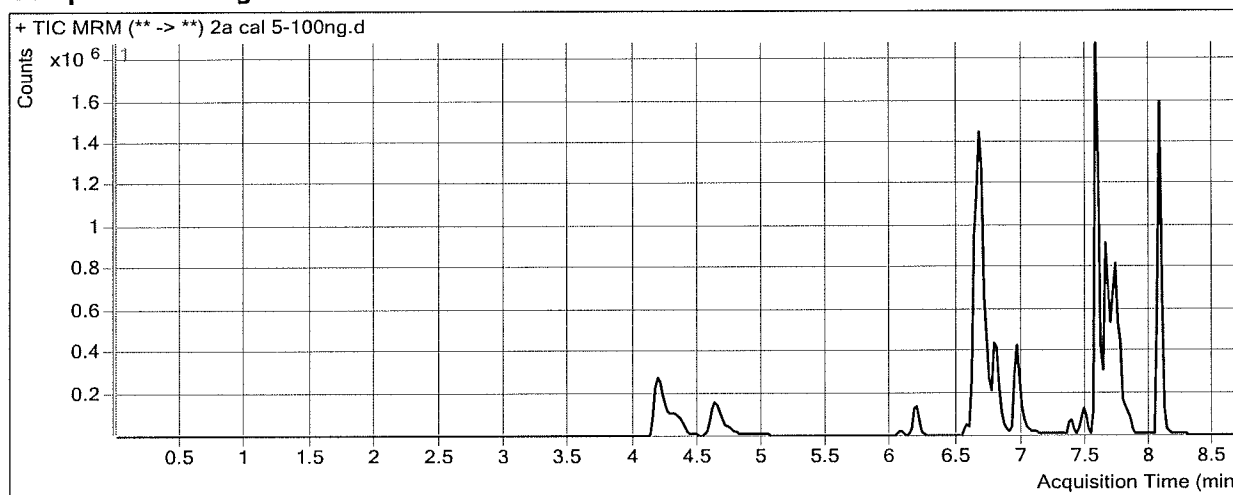
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin
Analysis Time 8/14/2017 12:26 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 12:27 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 12:26 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 08:28 **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	4.196	1395725	631484	2.2102	103.3111
Levamisole	Cocaine-D3	4.624	402526	593036	0.6788	81.1142
Benzoylcegonine	Benzoylcegonine-D8	6.198	223862	10932	20.4777	104.8250
Zopiclone	Zopiclone-D4	6.570	93432	40761	2.2922	98.5366
Cocaine	Cocaine-D3	6.634	1390363	593036	2.3445	106.7490
Metoprolol	Methylphenidate-D4	6.682	383659	836563	0.4586	113.4036
Methylphenidate	Methylphenidate-D4	6.707	1897218	836563	2.2679	98.1510
Ondansetron	Amitriptyline-D3	6.797	939070	41829	22.4500	351.4311
Mirtazapine	Carbamazepine-13C6	6.963	863935	1556810	0.5549	65.8003
Doxepin	Doxepin-D3	7.465	170746	93301	1.8301	97.6885
Carbamazepine	Carbamazepine-13C6	7.574	2768799	1556810	1.7785	94.9420
Protriptyline	Protriptyline-D3	7.631	96228	53584	1.7958	87.2060
Amitriptyline	Amitriptyline-D3	7.647	219401	41829	5.2451	107.1347
Estazolam	Estazolam-D5	7.644	708613	326355	2.1713	104.4283
Nortriptyline	Nortriptyline-D3	7.672	105481	43674	2.4152	99.8838
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.720	814776	482909	1.6872	102.4572
Midazolam	Midazolam-D4	7.681	294312	397812	0.7398	101.9716
Chlordiazepoxide	Chlordiazepoxide-D5	7.764	365828	390648	0.9365	100.6897
Phenazepam	Phenazepam-D4	7.799	66231	22769	2.9088	111.6638
Prazepam	Prazepam-D5	8.063	2127214	995596	2.1366	101.7382

ISP FORENSICS - Cd'A Instrument # 62340

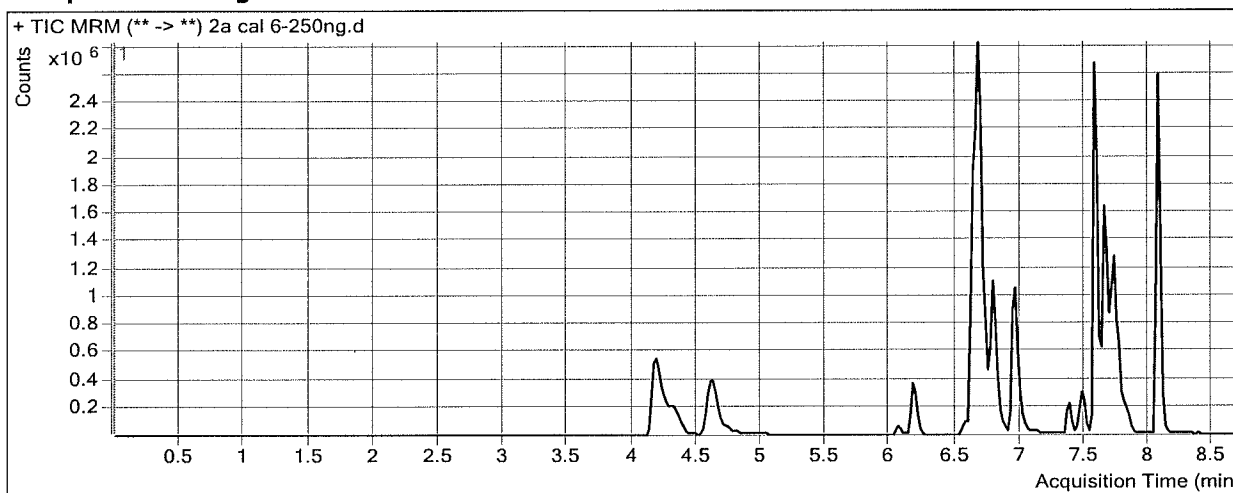
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin
Analysis Time 8/14/2017 12:26 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 12:27 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 12:26 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 08:53 **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	4.196	3294368	603129	5.4621	255.3823
Levamisole	Cocaine-D3	4.604	1077713	540007	1.9957	237.7976
Benzoylcegonine	Benzoylcegonine-D8	6.178	552186	10282	53.7023	272.4815
Zopiclone	Zopiclone-D4	6.570	180459	31584	5.7137	244.2392
Cocaine	Cocaine-D3	6.634	3192223	540007	5.9115	270.3848
Metoprolol	Methylphenidate-D4	6.682	838424	816372	1.0270	253.9424
Methylphenidate	Methylphenidate-D4	6.707	4568428	816372	5.5960	241.4881
Ondansetron	Amitriptyline-D3	6.777	2182599	46614	46.8225	730.8121
Mirtazapine	Carbamazepine-13C6	6.963	2147679	1157299	1.8558	215.8143
Doxepin	Doxepin-D3	7.465	513003	112784	4.5485	242.3090
Carbamazepine	Carbamazepine-13C6	7.574	5083268	1157299	4.3924	232.9632
Protriptyline	Protriptyline-D3	7.631	285722	56654	5.0433	243.7617
Amitriptyline	Amitriptyline-D3	7.647	606243	46614	13.0055	267.7686
Estazolam	Estazolam-D5	7.644	1294529	243331	5.3200	256.5078
Nortriptyline	Nortriptyline-D3	7.672	265845	42949	6.1897	254.7893
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.720	1487412	361368	4.1161	250.3355
Midazolam	Midazolam-D4	7.701	639596	357310	1.7900	246.1789
Chlordiazepoxide	Chlordiazepoxide-D5	7.764	661496	303848	2.1771	235.1520
Phenazepam	Phenazepam-D4	7.799	120914	16424	7.3621	285.6629
Prazepam	Prazepam-D5	8.063	4303041	823349	5.2263	249.8603

ISP FORENSICS - Cd'A Instrument # 62340

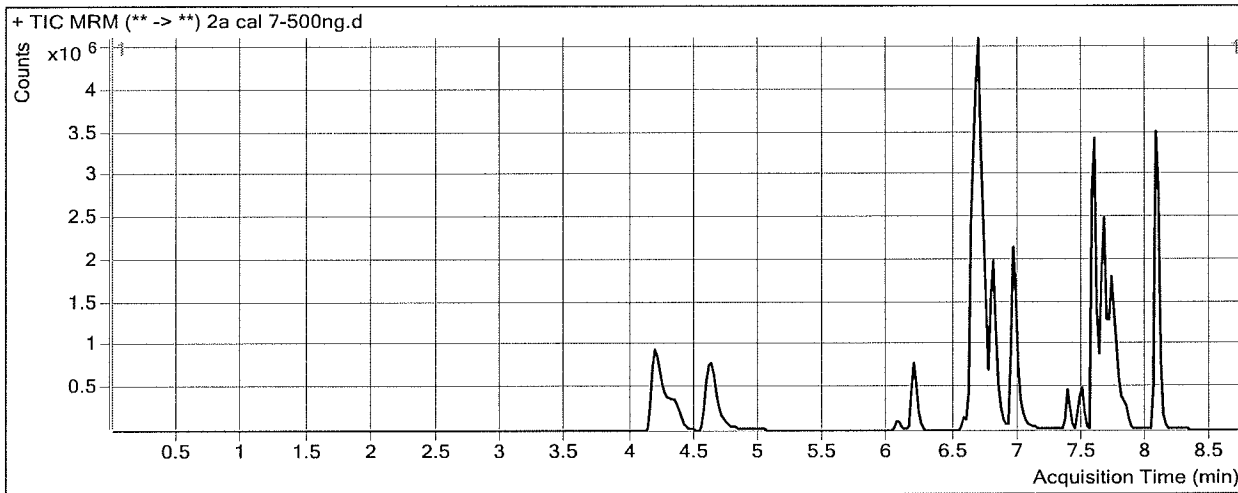
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin
Analysis Time 8/14/2017 12:26 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 12:27 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 12:26 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 09:19 **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	4.196	6243465	572449	10.9066	509.9862
Levamisole	Cocaine-D3	4.624	2245285	506822	4.4301	527.4193
Benzoylcegonine	Benzoylcegonine-D8	6.198	1171771	11302	103.6738	524.6459
Zopiclone	Zopiclone-D4	6.570	328198	28220	11.6299	496.1763
Cocaine	Cocaine-D3	6.654	5712315	506822	11.2708	516.2487
Metoprolol	Methylphenidate-D4	6.702	1383472	734692	1.8831	465.6042
Methylphenidate	Methylphenidate-D4	6.707	8469501	734692	11.5280	496.9666
Ondansetron	Amitriptyline-D3	6.797	4067727	37886	107.3670	1673.2453 <i>outside curve A</i>
Mirtazapine	Carbamazepine-13C6	6.963	4157814	897719	4.6315	535.9210
Doxepin	Doxepin-D3	7.486	935085	95892	9.7514	519.0979
Carbamazepine	Carbamazepine-13C6	7.594	8155818	897719	9.0850	480.7557
Protriptyline	Protriptyline-D3	7.631	426431	40122	10.6283	513.0137
Amitriptyline	Amitriptyline-D3	7.647	975158	37886	25.7392	531.3462
Estazolam	Estazolam-D5	7.664	1976372	188115	10.5062	506.9936
Nortriptyline	Nortriptyline-D3	7.672	388732	25671	15.1430	622.2282 <i>outside curve A</i>
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.720	2215452	266890	8.3010	505.1321
Midazolam	Midazolam-D4	7.701	1091408	299824	3.6402	500.2273
Chlordiazepoxide	Chlordiazepoxide-D5	7.764	1046398	214113	4.8871	528.8809
Phenazepam	Phenazepam-D4	7.819	207584	14786	14.0394	546.5545
Prazepam	Prazepam-D5	8.063	6890703	600973	11.4659	548.9979

ISP FORENSICS - Cd'A Instrument # 62340

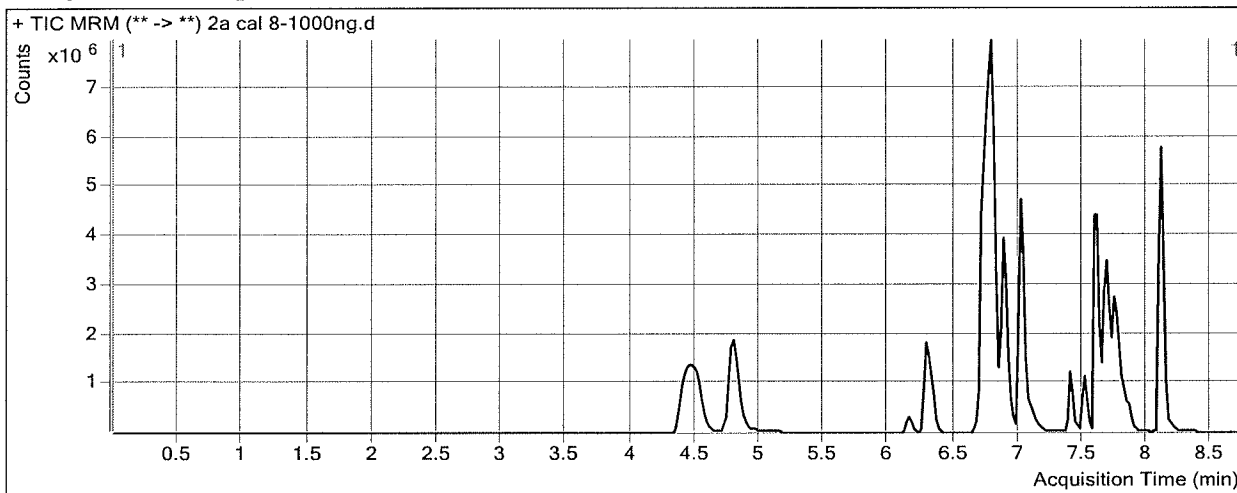
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2a.batch.bin
Analysis Time 8/14/2017 12:26 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 12:27 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 12:26 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 09:44 **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	4.456	12010535	572087	20.9942	981.7238
Levamisole	Cocaine-D3	4.785	5877345	526277	11.1678	1329.0081
Benzoylcegonine	Benzoylcegonine-D8	6.299	3156972	11575	272.7411	1377.7861
Zopiclone	Zopiclone-D4	6.671	477892	20094	23.7829	1013.6955
Cocaine	Cocaine-D3	6.735	10966445	526277	20.8378	955.1358
Metoprolol	Methylphenidate-D4	6.762	2466434	709733	3.4752	859.2562
Methylphenidate	Methylphenidate-D4	6.787	16704292	709733	23.5360	1014.1337
Ondansetron	Amitriptyline-D3	6.875	8174424	40246	203.1113	3163.5968
Mirtazapine	Carbamazepine-13C6	7.024	9638351	637347	15.1226	1745.7714
Doxepin	Doxepin-D3	7.506	2312783	124136	18.6310	991.4826
Carbamazepine	Carbamazepine-13C6	7.594	12567226	637347	19.7180	1042.2176
Protriptyline	Protriptyline-D3	7.651	809362	38838	20.8396	1005.2893
Amitriptyline	Amitriptyline-D3	7.668	1833087	40246	45.5470	941.3551
Estazolam	Estazolam-D5	7.684	2483068	122343	20.2959	979.8234
Nortriptyline	Nortriptyline-D3	7.712	628526	19693	31.9159	1310.5830
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.740	4012519	246472	16.2798	990.9186
Midazolam	Midazolam-D4	7.701	1851725	253851	7.2945	1002.0223
Chlordiazepoxide	Chlordiazepoxide-D5	7.784	1723227	195598	8.8100	954.0663
Phenazepam	Phenazepam-D4	7.839	367132	15873	23.1286	901.6838
Prazepam	Prazepam-D5	8.104	13305634	670668	19.8394	950.4344

ISP FORENSICS - Cd'A Instrument # 62340

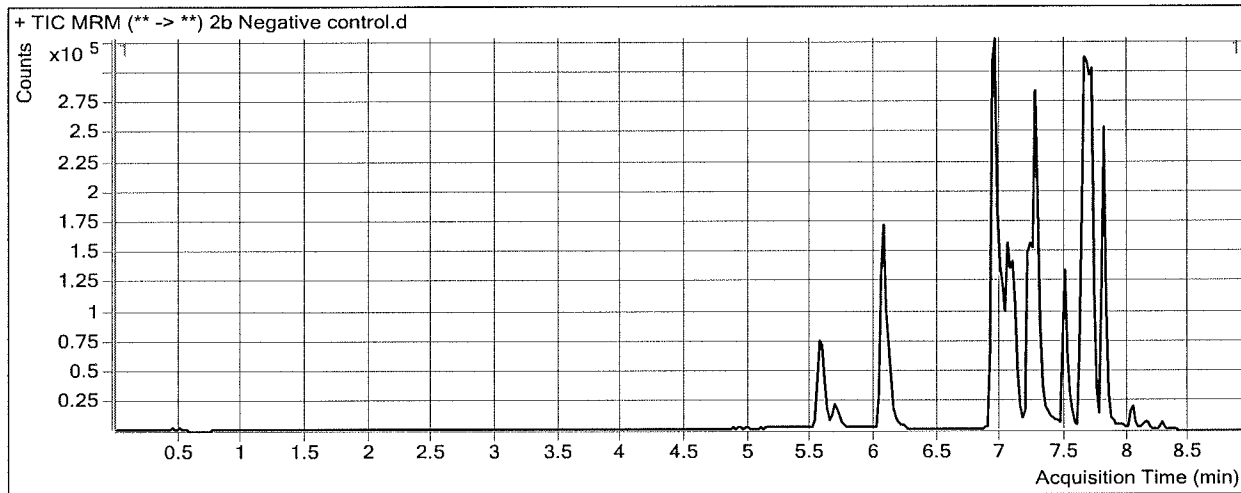
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin
Analysis Time 8/14/2017 3:08 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 3:10 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 3:08 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 10:35 **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-F6 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



ISP FORENSICS - Cd'A Instrument # 62340

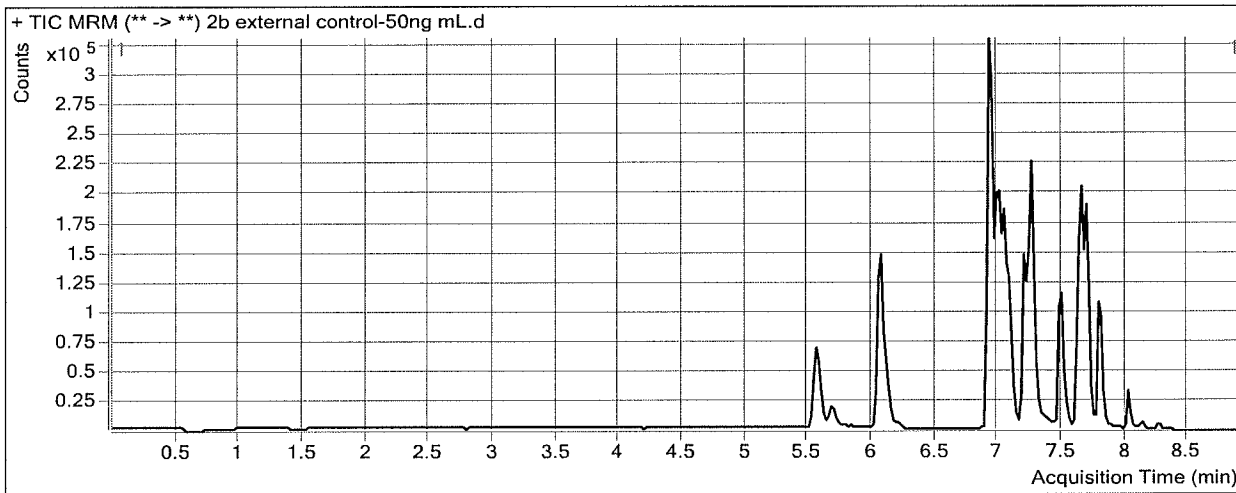
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin
Analysis Time 8/14/2017 3:08 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 3:10 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 3:08 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 11:01 **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-G6 **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	7.007	225748	296307	0.7619	36.6219

ISP FORENSICS - Cd'A Instrument # 62340

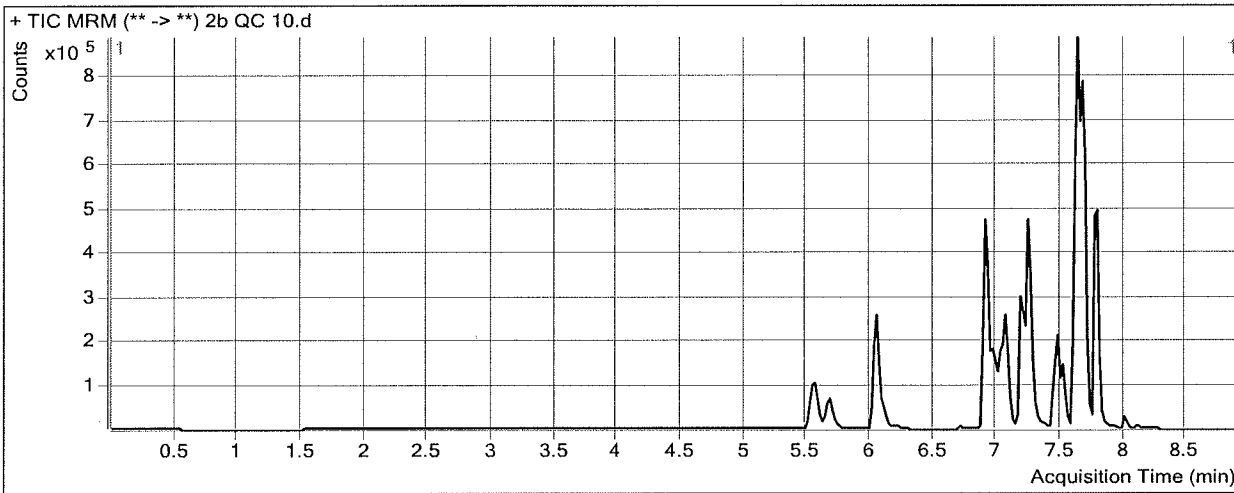
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin
Analysis Time 8/14/2017 3:08 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 3:10 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 3:08 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 11:26 **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	5.561	106493	304214	0.3501	8.1491
MDMA	MDMA-D6	5.676	106322	69872	1.5217	9.8632
MDEA	MDEA-D6	6.052	110569	685965	0.1612	8.9317
Primidone	Tapentadol-D3	6.729	10789	1180092	0.0091	8.4715
Tapentadol	Tapentadol-D3	6.909	258856	1180092	0.2194	10.4478
Meperidine	Meperidine-D4	6.987	79078	385203	0.2053	10.2219
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	7.043	82335	402509	0.2046	10.3605
Normeperidine	Normeperidine-D4	7.069	92655	346130	0.2677	8.6238
Pentazocine	Pentazocine-13C3	7.183	162875	596700	0.2730	9.6468
Phencyclidine	Phencyclidine-D5	7.270	213920	968762	0.2208	11.2880
Flurazepam	Flunitrazepam-D7	7.416	206587	74181	2.7849	11.9433
Zaleplon	Zaleplon-D4	7.463	72950	291644	0.2501	10.2744
Verapamil	Trimipramine-D3	7.496	179445	1293351	0.1387	30.5182
Phenytoin	Phenytoin-D10	7.530	3660	23710	0.1544	9.2403
Propoxyphene	Propoxyphene-D11	7.598	231943	295227	0.7856	9.0609
Amoxapine	Clomipramine-D3	7.601	53248	1076141	0.0495	10.5818
Flunitrazepam	Flunitrazepam-D7	7.622	65527	74181	0.8833	10.3027
Desipramine	Desipramine-D3	7.652	176742	848871	0.2082	10.0265
Imipramine	Imipramine-D3	7.630	260733	673649	0.3870	11.4146
Trimipramine	Trimipramine-D3	7.667	262028	1293351	0.2026	9.3834
Clomipramine	Clomipramine-D3	7.782	192579	1076141	0.1790	10.2505
Norpropoxyphene	Norpropoxyphene-D5	7.990	12116	50262	0.2410	9.6221

outside curve range *

[Handwritten signature]

ISP FORENSICS - Cd'A Instrument # 62340

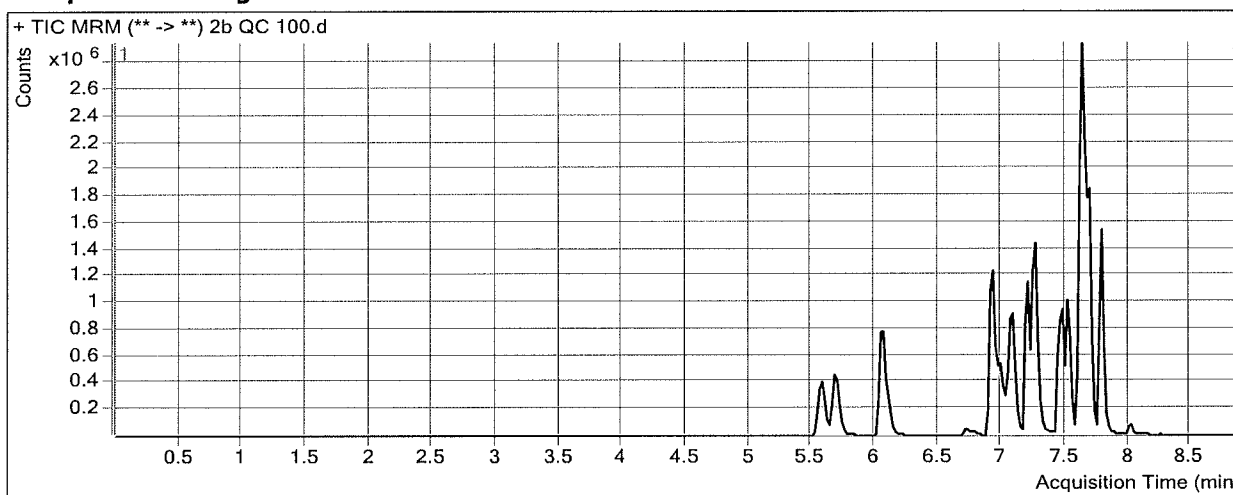
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin
Analysis Time 8/14/2017 3:08 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 3:10 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 3:08 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 14:37 **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 -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	5.581	870552	265237	3.2822	101.2591
MDMA	MDMA-D6	5.676	987582	65225	15.1412	99.0282
MDEA	MDEA-D6	6.077	1055385	652026	1.6186	98.4561
Primidone	Tapentadol-D3	6.729	100257	1091704	0.0918	84.8848
Tapentadol	Tapentadol-D3	6.929	2324918	1091704	2.1296	100.5949
Meperidine	Meperidine-D4	6.987	770000	374497	2.0561	98.0098
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	7.063	750926	352879	2.1280	96.9690
Normeperidine	Normeperidine-D4	7.089	776817	283542	2.7397	91.8920
Pentazocine	Pentazocine-13C3	7.203	1466793	549346	2.6701	97.2807
Phencyclidine	Phencyclidine-D5	7.270	1957890	987196	1.9833	104.9679
Flurazepam	Flunitrazepam-D7	7.436	1904013	52453	36.2997	140.8859
Zaleplon	Zaleplon-D4	7.463	628633	231537	2.7150	103.7132
Verapamil	Trimipramine-D3	7.496	1518426	1056311	1.4375	65.2737
Phenytoin	Phenytoin-D10	7.530	46701	23368	1.9985	94.9920
Propoxyphene	Propoxyphene-D11	7.598	1786697	251967	7.0910	82.3774
Amoxapine	Clomipramine-D3	7.601	367228	921178	0.3986	76.8959
Flunitrazepam	Flunitrazepam-D7	7.622	432274	52453	8.2412	82.3412
Desipramine	Desipramine-D3	7.652	1160515	635475	1.8262	88.6466
Imipramine	Imipramine-D3	7.630	1876823	511989	3.6657	99.7008
Trimipramine	Trimipramine-D3	7.687	2121815	1056311	2.0087	96.1972
Clomipramine	Clomipramine-D3	7.782	1587129	921178	1.7229	96.4272
Norpropoxyphene	Norpropoxyphene-D5	8.010	133164	49032	2.7158	91.4161

ISP FORENSICS - Cd'A Instrument # 62340

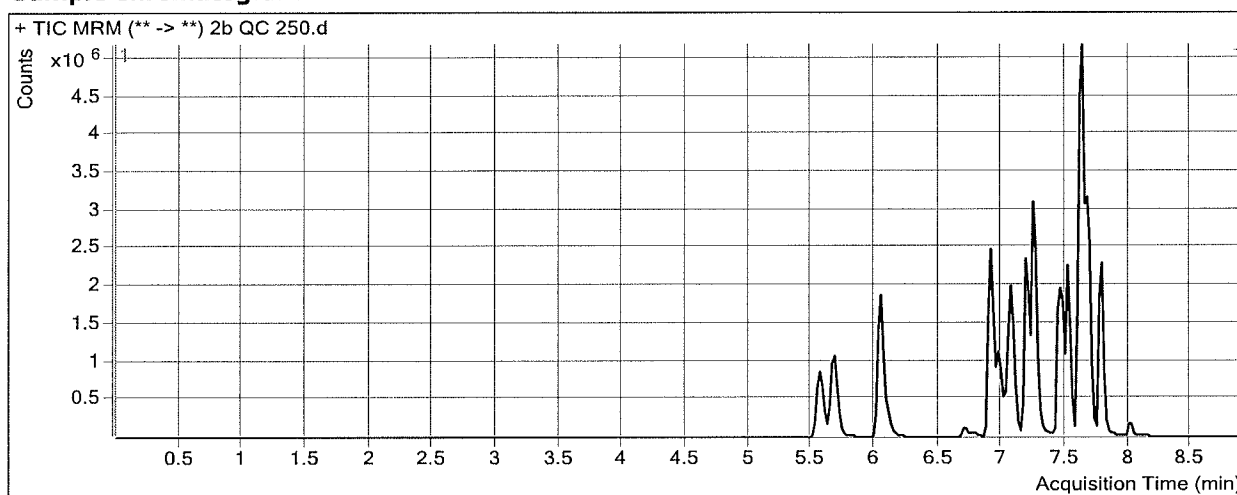
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin
Analysis Time 8/14/2017 3:08 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 3:10 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 3:08 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 15:02 **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

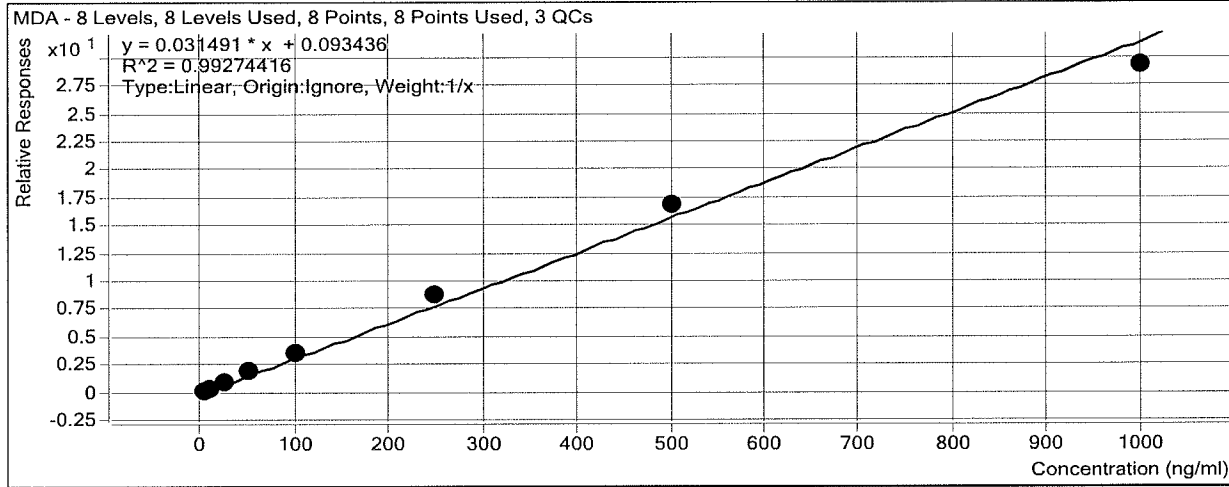
Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	5.561	1992317	251023	7.9368	249.0672
MDMA	MDMA-D6	5.676	2406580	64936	37.0606	242.5303
MDEA	MDEA-D6	6.052	2596245	649427	3.9977	244.5958
Primidone	Tapentadol-D3	6.708	238210	1002453	0.2376	219.6068
Tapentadol	Tapentadol-D3	6.909	5295323	1002453	5.2824	249.3753
Meperidine	Meperidine-D4	6.966	1772273	350376	5.0582	240.4070
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	7.043	1646341	314419	5.2361	236.9216
Normeperidine	Normeperidine-D4	7.069	1737760	262750	6.6137	222.3874
Pentazocine	Pentazocine-13C3	7.183	3459062	502703	6.8809	251.2214
Phencyclidine	Phencyclidine-D5	7.249	4593472	960371	4.7830	253.7813
Flurazepam	Flunitrazepam-D7	7.416	4415672	33813	130.5924	503.6621
Zaleplon	Zaleplon-D4	7.463	1431433	225603	6.3449	241.3135
Verapamil	Trimipramine-D3	7.496	3386611	815312	4.1538	137.9642
Phenytoin	Phenytoin-D10	7.530	119388	22399	5.3301	249.9058
Propoxyphene	Propoxyphene-D11	7.598	4375437	235355	18.5908	216.0922
Amoxapine	Clomipramine-D3	7.601	606735	701418	0.8650	165.4675
Flunitrazepam	Flunitrazepam-D7	7.622	822155	33813	24.3150	239.7144
Desipramine	Desipramine-D3	7.652	2241557	448634	4.9964	242.6881
Imipramine	Imipramine-D3	7.630	3974793	431182	9.2184	249.2168
Trimipramine	Trimipramine-D3	7.687	4023551	815312	4.9350	236.8541
Clomipramine	Clomipramine-D3	7.782	3077555	701418	4.3876	245.1559
Norpropoxyphene	Norpropoxyphene-D5	8.010	398681	54411	7.3273	243.8278

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **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	4.0	80.6
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.3	83.4
2b QC 10	2	<input checked="" type="checkbox"/>	10	8.1	81.5
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.5	101.8
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	55.9	111.8
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	113.0	113.0
2b QC 100	5	<input checked="" type="checkbox"/>	100	101.3	101.3
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	276.4	110.6
2b QC 250	6	<input checked="" type="checkbox"/>	250	249.1	99.6
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	530.4	106.1
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	926.4	92.6

ISP Forensics Calibration Curve Report

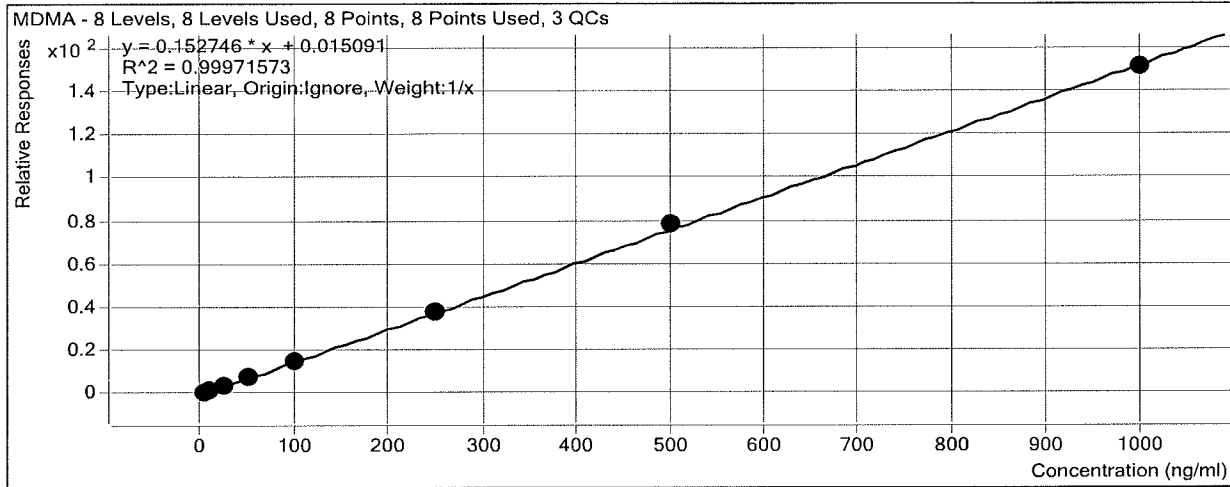
Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM

Analyst Name ISP TOX

Target Compound MDMA

Internal Standard MDMA-D6



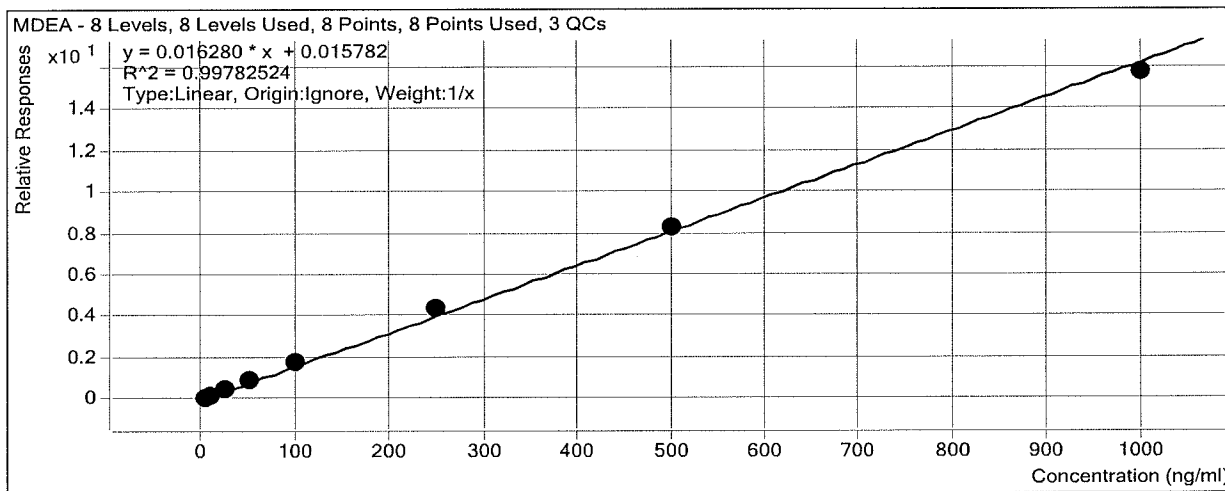
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.6
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.0
2b QC 10	2	<input checked="" type="checkbox"/>	10	9.9	98.6
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.4
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.7	103.4
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.9	100.9
2b QC 100	5	<input checked="" type="checkbox"/>	100	99.0	99.0
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.1	99.6
2b QC 250	6	<input checked="" type="checkbox"/>	250	242.5	97.0
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	511.3	102.3
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	988.1	98.8

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **Analyst Name** ISP TOX

Target Compound MDEA
Internal Standard MDEA-D6



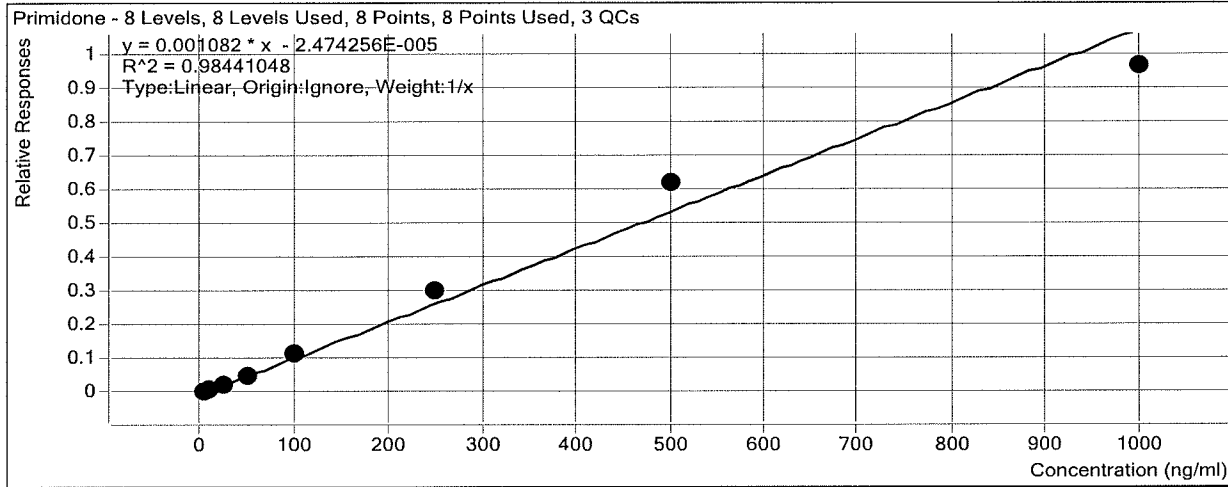
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.1	81.5
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.1
2b QC 10	2	<input checked="" type="checkbox"/>	10	8.9	89.3
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.3
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.4	106.9
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.2	108.2
2b QC 100	5	<input checked="" type="checkbox"/>	100	98.5	98.5
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	268.2	107.3
2b QC 250	6	<input checked="" type="checkbox"/>	250	244.6	97.8
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	507.4	101.5
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	963.6	96.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **Analyst Name** ISP TOX

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



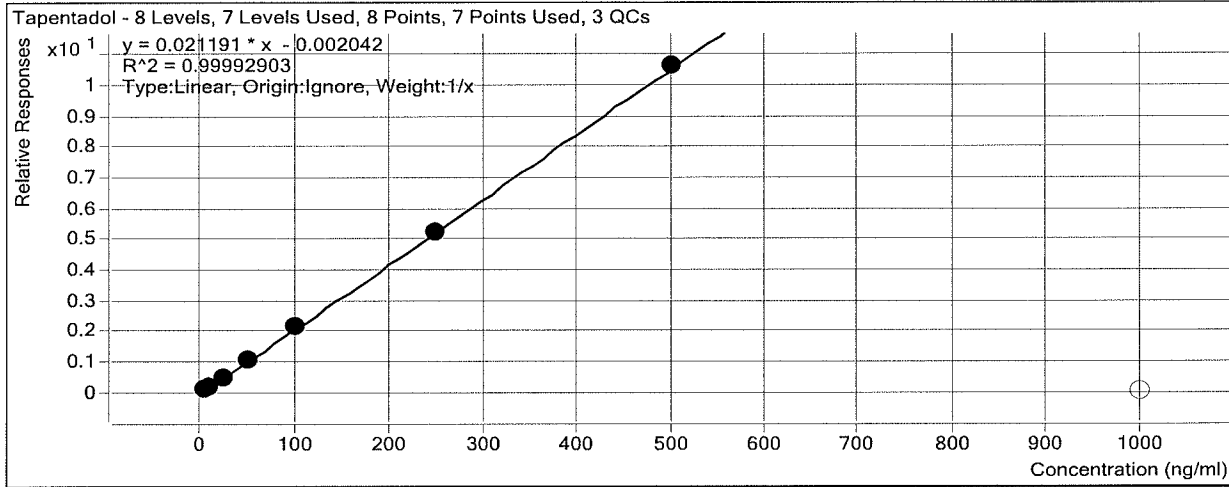
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.8
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	91.1
2b QC 10	2	<input checked="" type="checkbox"/>	10	8.5	84.7
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.5	94.1
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.8	91.6
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.2	108.2
2b QC 100	5	<input checked="" type="checkbox"/>	100	84.9	84.9
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	278.7	111.5
2b QC 250	6	<input checked="" type="checkbox"/>	250	219.6	87.8
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	577.3	115.5
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	892.4	89.2

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **Analyst Name** ISP TOX

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



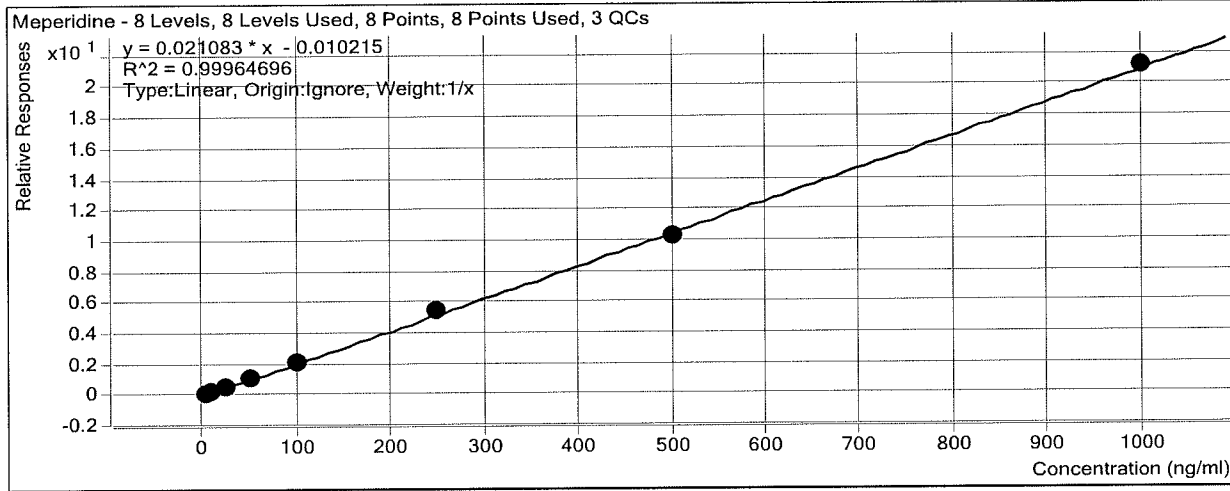
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.3
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.6
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.5
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.1
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.2	98.4
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.9	100.9
2b QC 100	5	<input checked="" type="checkbox"/>	100	100.6	100.6
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.1	99.2
2b QC 250	6	<input checked="" type="checkbox"/>	250	249.4	99.8
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.1	100.4
2b cal 8-1000ng	8	<input type="checkbox"/>	1000	3.5	0.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **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	5.1	102.2
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.3
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.2
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.2
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.1	100.2
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.8	99.8
2b QC 100	5	<input checked="" type="checkbox"/>	100	98.0	98.0
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.1	103.3
2b QC 250	6	<input checked="" type="checkbox"/>	250	240.4	96.2
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	487.5	97.5
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1005.1	100.5

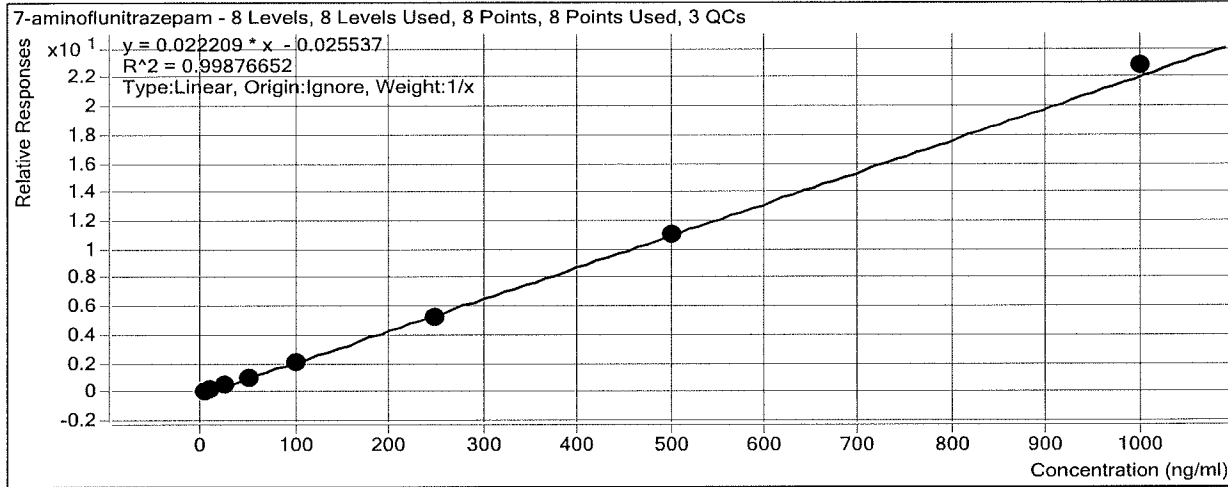
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **Analyst Name** ISP TOX

Target Compound 7-aminoflunitrazepam

Internal Standard 7-aminoflunitrazepam-D7



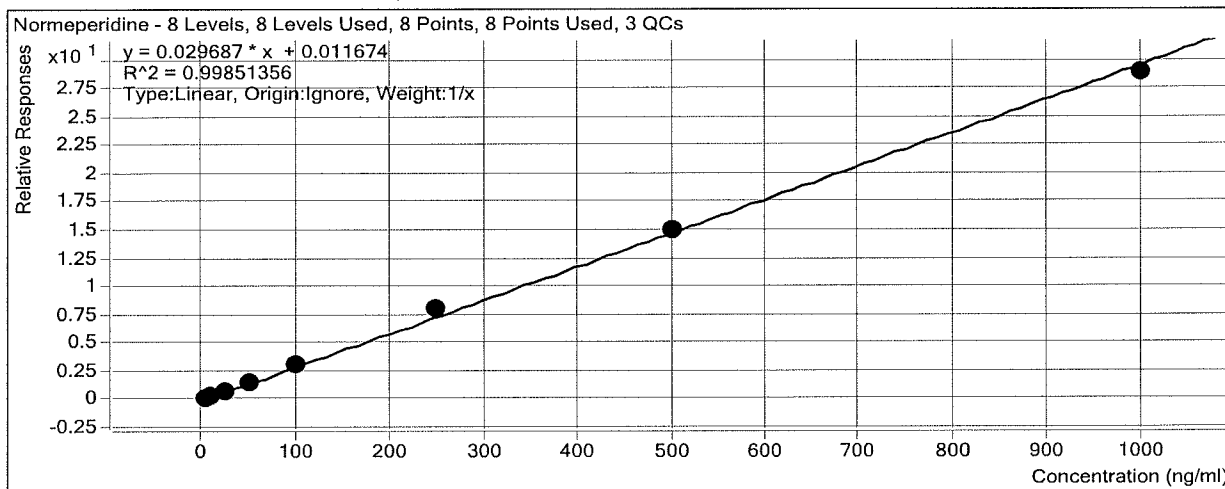
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.7	113.2
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	104.6
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.4	103.6
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	96.0
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.7	95.5
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.1	95.1
2b QC 100	5	<input checked="" type="checkbox"/>	100	97.0	97.0
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	234.9	93.9
2b QC 250	6	<input checked="" type="checkbox"/>	250	236.9	94.8
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.2	99.0
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1027.0	102.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **Analyst Name** ISP TOX

Target Compound Normeperidine
Internal Standard Normeperidine-D4



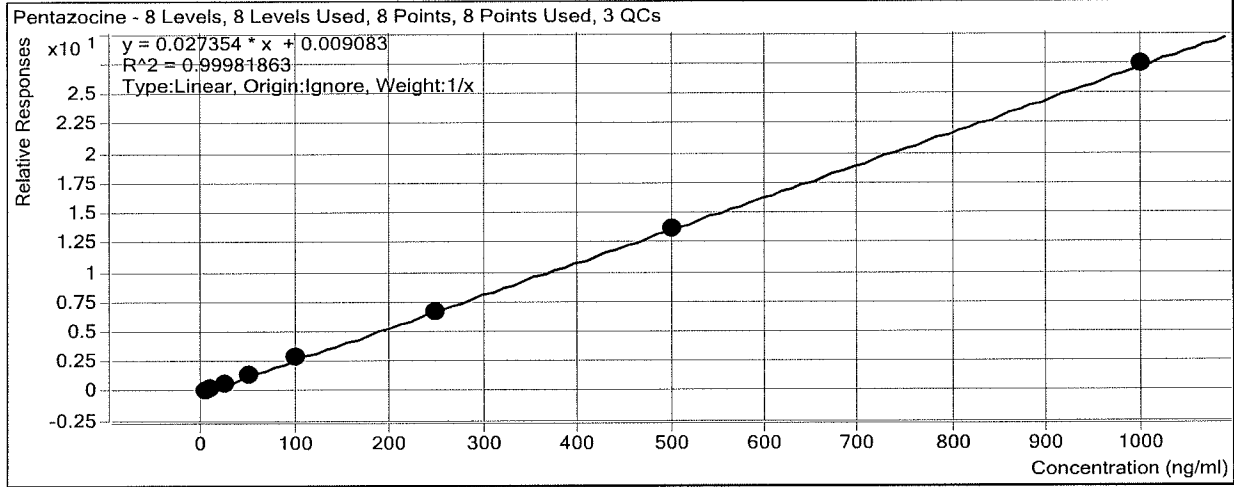
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.5
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.1
2b QC 10	2	<input checked="" type="checkbox"/>	10	8.6	86.2
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.7
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.5	103.0
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.6	103.6
2b QC 100	5	<input checked="" type="checkbox"/>	100	91.9	91.9
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	269.3	107.7
2b QC 250	6	<input checked="" type="checkbox"/>	250	222.4	89.0
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	506.0	101.2
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	971.0	97.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **Analyst Name** ISP TOX

Target Compound *Pentazocine*
Internal Standard *Pentazocine-13C3*



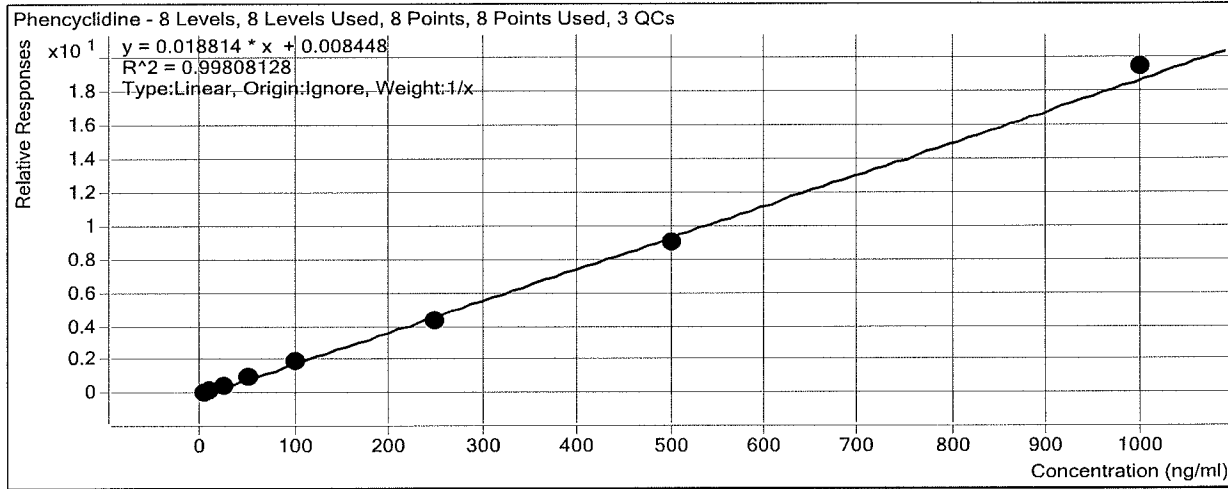
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.4
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.0
2b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.5
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	97.0
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.7	99.4
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.3	103.3
2b QC 100	5	<input checked="" type="checkbox"/>	100	97.3	97.3
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	243.4	97.4
2b QC 250	6	<input checked="" type="checkbox"/>	250	251.2	100.5
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.9	100.4
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1002.2	100.2

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **Analyst Name** ISP TOX

Target Compound Phencyclidine
Internal Standard Phencyclidine-D5



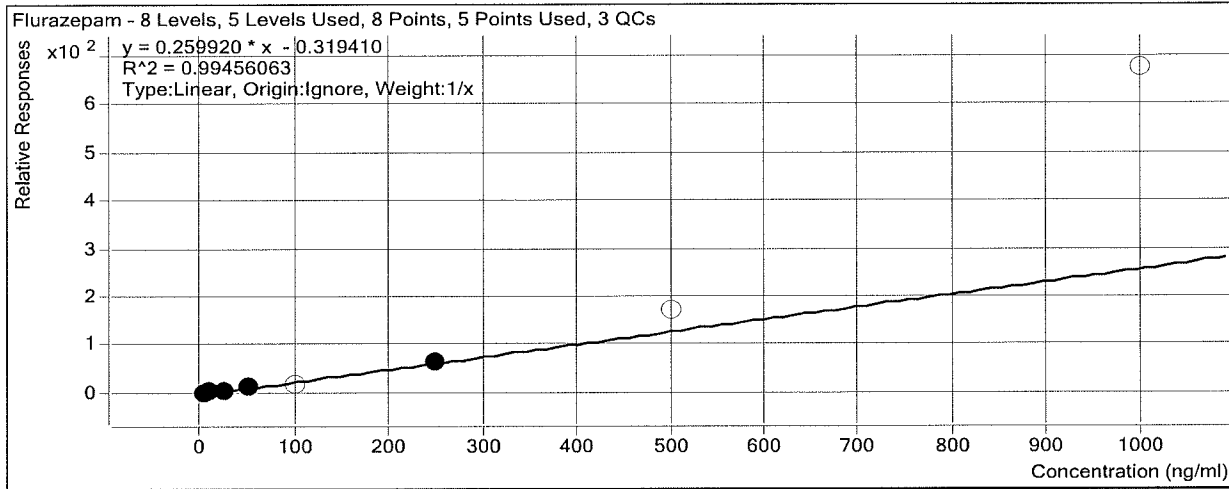
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.8
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.3
2b QC 10	2	<input checked="" type="checkbox"/>	10	11.3	112.9
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.9	103.7
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.7	101.5
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.5	102.5
2b QC 100	5	<input checked="" type="checkbox"/>	100	105.0	105.0
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	232.5	93.0
2b QC 250	6	<input checked="" type="checkbox"/>	250	253.8	101.5
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	479.1	95.8
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1034.0	103.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **Analyst Name** ISP TOX

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



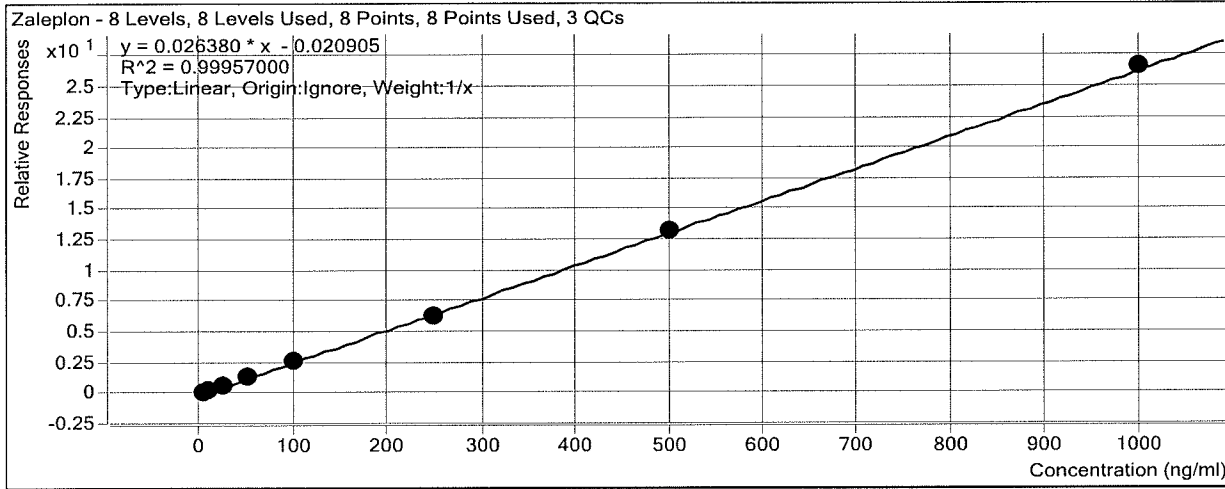
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.8	116.6
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.1
2b QC 10	2	<input checked="" type="checkbox"/>	10	11.9	119.4
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	20.2	80.6
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.3	108.6
2b cal 5-100ng	5	<input type="checkbox"/>	100	61.7	61.7
2b QC 100	5	<input checked="" type="checkbox"/>	100	140.9	140.9
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.3	100.1
2b QC 250	6	<input type="checkbox"/>	250	503.7	201.5
2b cal 7-500ng	7	<input type="checkbox"/>	500	661.1	132.2
2b cal 8-1000ng	8	<input type="checkbox"/>	1000	2594.0	259.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **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	5.7	113.5
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.3
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.7
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.6
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.9
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.7	97.7
2b QC 100	5	<input checked="" type="checkbox"/>	100	103.7	103.7
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	239.9	96.0
2b QC 250	6	<input checked="" type="checkbox"/>	250	241.3	96.5
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	506.2	101.2
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1007.9	100.8

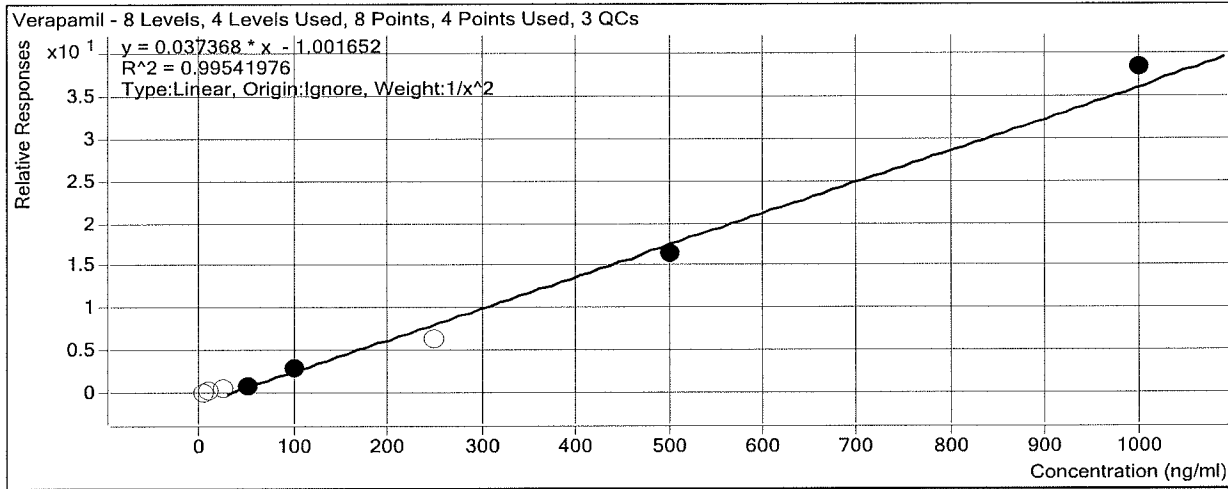
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM

Analyst Name ISP TOX

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



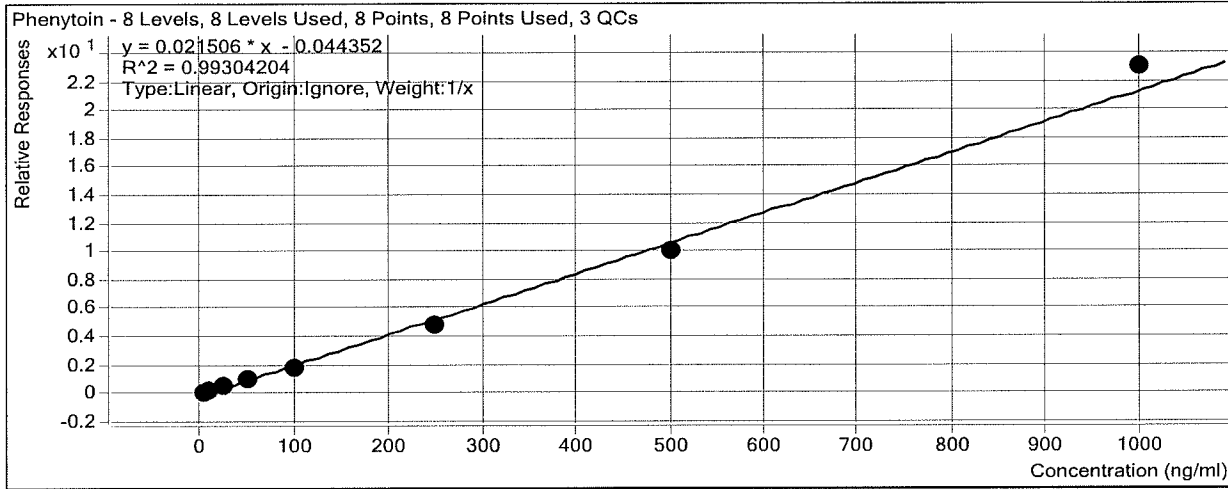
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input type="checkbox"/>	5	28.9	578.1
2b cal 2-10ng	2	<input type="checkbox"/>	10	30.8	308.2
2b QC 10	2	<input checked="" type="checkbox"/>	10	30.5	305.2
2b cal 3-25ng	3	<input type="checkbox"/>	25	37.1	148.5
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.2
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.5	102.5
2b QC 100	5	<input checked="" type="checkbox"/>	100	65.3	65.3
2b cal 6-250ng	6	<input type="checkbox"/>	250	194.7	77.9
2b QC 250	6	<input type="checkbox"/>	250	138.0	55.2
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	464.9	93.0
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1053.4	105.3

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **Analyst Name** ISP TOX

Target Compound Phenytoin
Internal Standard Phenytoin-D10



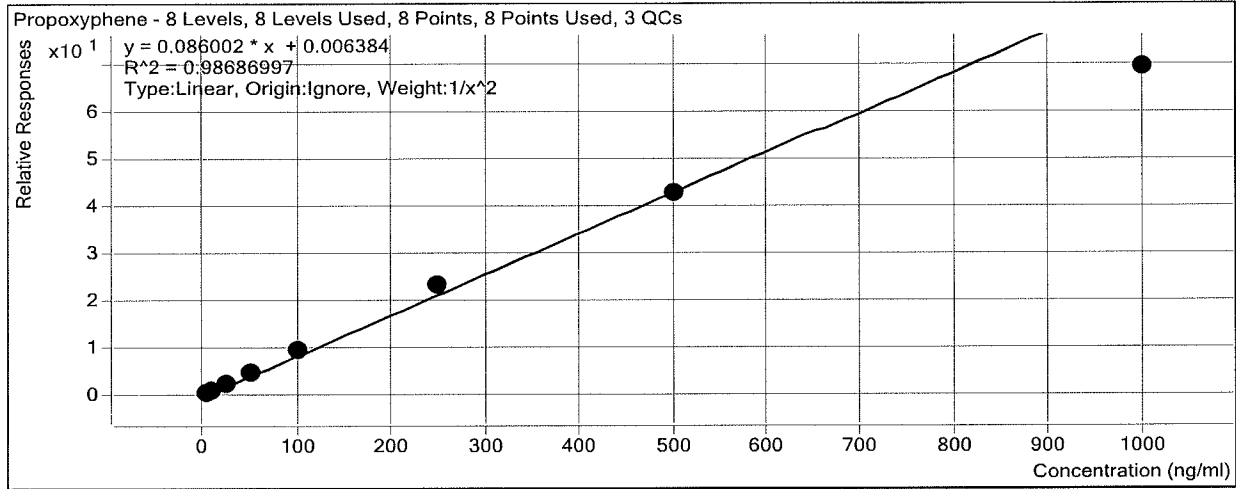
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.3	126.4
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.0
2b QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.4
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.9	103.5
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.3	92.5
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	85.9	85.9
2b QC 100	5	<input checked="" type="checkbox"/>	100	95.0	95.0
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	223.2	89.3
2b QC 250	6	<input checked="" type="checkbox"/>	250	249.9	100.0
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	470.5	94.1
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1071.8	107.2

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **Analyst Name** ISP TOX

Target Compound Propoxyphene
Internal Standard Propoxyphene-D11



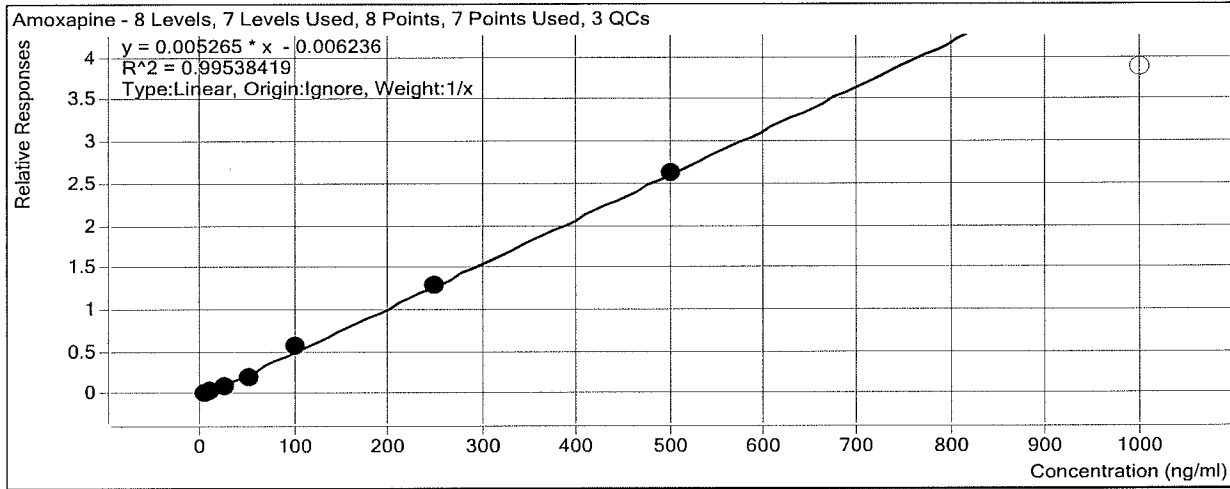
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.2
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.0	89.6
2b QC 10	2	<input checked="" type="checkbox"/>	10	9.1	90.6
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.0	104.0
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.1	108.2
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.2	107.2
2b QC 100	5	<input checked="" type="checkbox"/>	100	82.4	82.4
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	270.4	108.2
2b QC 250	6	<input checked="" type="checkbox"/>	250	216.1	86.4
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.7	99.3
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	804.3	80.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **Analyst Name** ISP TOX

Target Compound Amoxapine
Internal Standard Clomipramine-D3



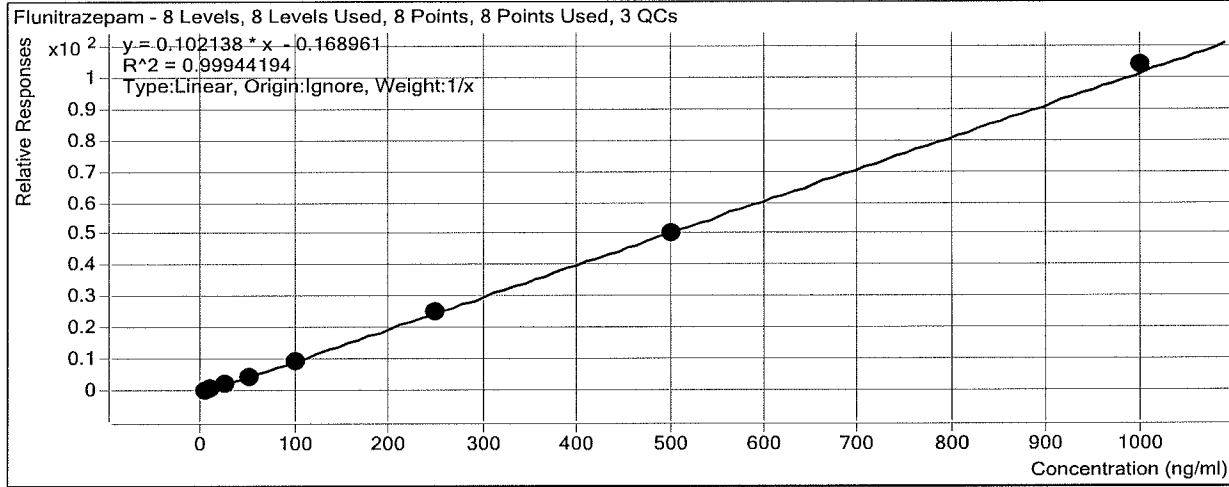
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.7	114.7
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.8	107.5
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.6	105.8
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.2	84.8
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	41.1	82.1
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	111.6	111.6
2b QC 100	5	<input checked="" type="checkbox"/>	100	76.9	76.9
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.4	98.5
2b QC 250	6	<input type="checkbox"/>	250	165.5	66.2
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	503.3	100.7
2b cal 8-1000ng	8	<input type="checkbox"/>	1000	737.3	73.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **Analyst Name** ISP TOX

Target Compound Flunitrazepam
Internal Standard Flunitrazepam-D7



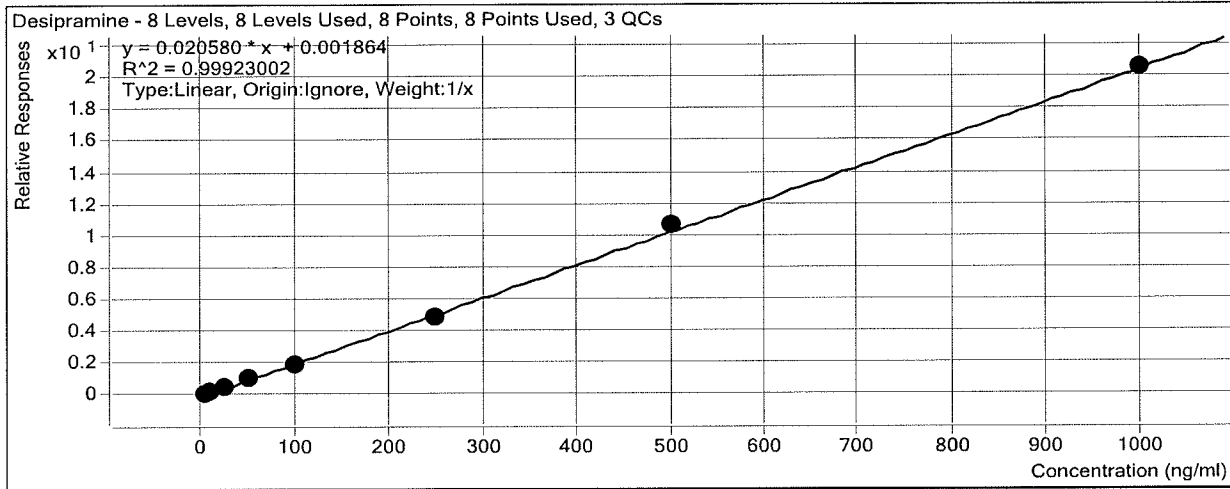
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.7	113.9
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.6
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	103.0
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.3	93.3
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.6
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.7	95.7
2b QC 100	5	<input checked="" type="checkbox"/>	100	82.3	82.3
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	247.0	98.8
2b QC 250	6	<input checked="" type="checkbox"/>	250	239.7	95.9
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	491.3	98.3
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1018.5	101.9

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **Analyst Name** ISP TOX

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



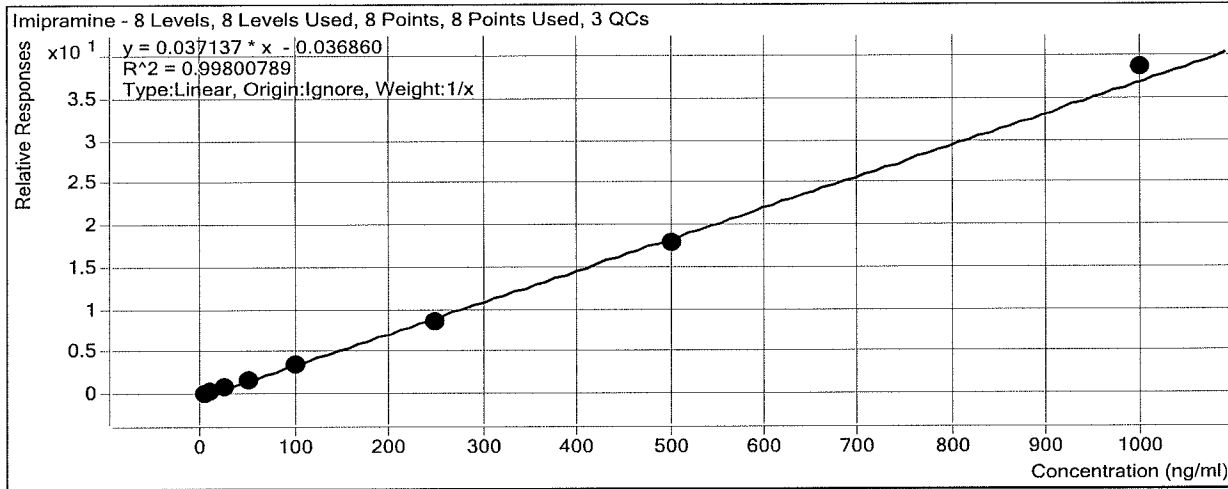
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.5
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.7
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.3
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.9	103.6
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.2	100.5
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.1	95.1
2b QC 100	5	<input checked="" type="checkbox"/>	100	88.6	88.6
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	238.7	95.5
2b QC 250	6	<input checked="" type="checkbox"/>	250	242.7	97.1
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	516.9	103.4
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	998.0	99.8

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **Analyst Name** ISP TOX

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



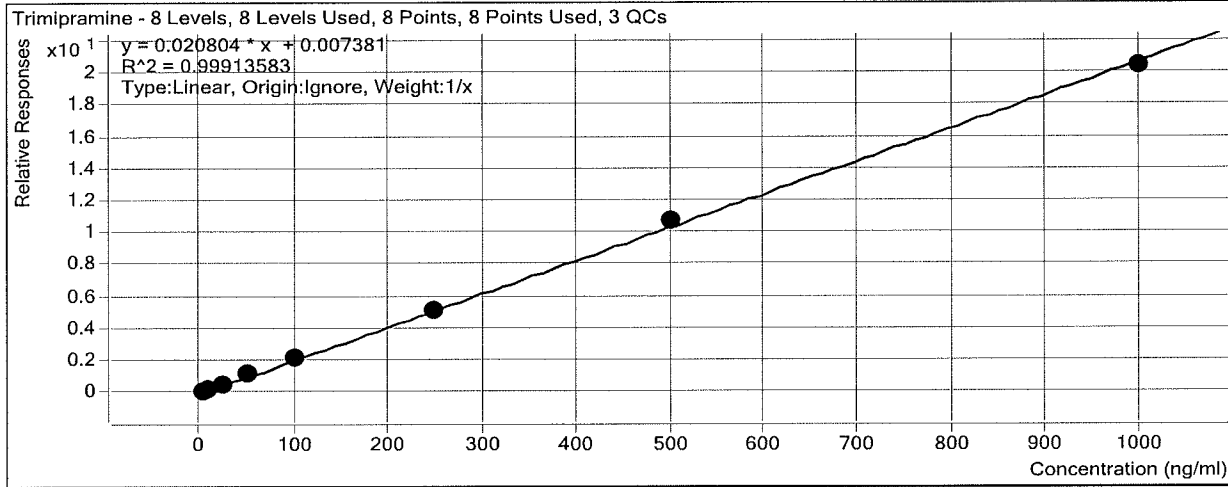
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.8	116.8
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.5
2b QC 10	2	<input checked="" type="checkbox"/>	10	11.4	114.1
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.3	93.2
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.0	96.0
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.7	94.7
2b QC 100	5	<input checked="" type="checkbox"/>	100	99.7	99.7
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	235.7	94.3
2b QC 250	6	<input checked="" type="checkbox"/>	250	249.2	99.7
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	483.1	96.6
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1038.9	103.9

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **Analyst Name** ISP TOX

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



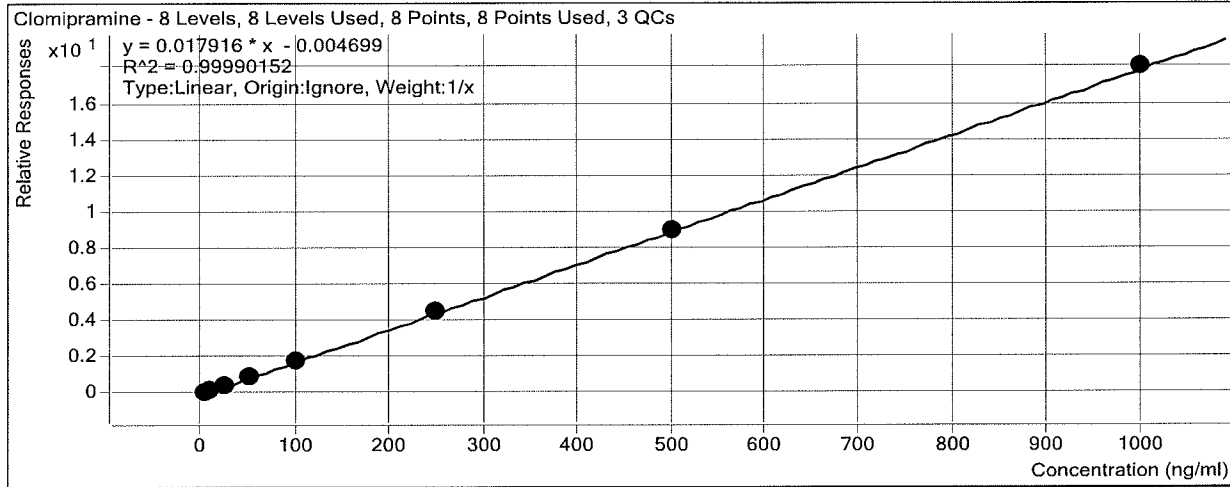
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	93.1
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.3
2b QC 10	2	<input checked="" type="checkbox"/>	10	9.4	93.8
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.8
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.4	106.8
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.3	105.3
2b QC 100	5	<input checked="" type="checkbox"/>	100	96.2	96.2
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.2	98.5
2b QC 250	6	<input checked="" type="checkbox"/>	250	236.9	94.7
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	515.9	103.2
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	979.9	98.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **Analyst Name** ISP TOX

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



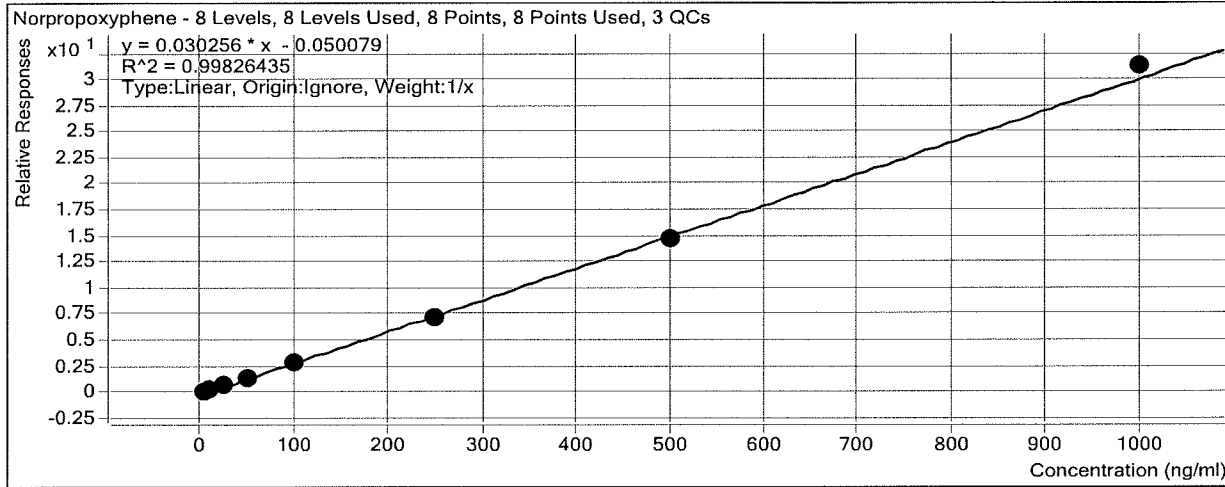
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.5
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.4
2b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.5
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.1
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.8
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.9	96.9
2b QC 100	5	<input checked="" type="checkbox"/>	100	96.4	96.4
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.3	99.7
2b QC 250	6	<input checked="" type="checkbox"/>	250	245.2	98.1
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	500.0	100.0
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1005.0	100.5

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin

Last Calib Update 8/14/2017 3:08 PM **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	6.1	121.2
2b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.4
2b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.2
2b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.1
2b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.9	93.8
2b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.9	93.9
2b QC 100	5	<input checked="" type="checkbox"/>	100	91.4	91.4
2b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	235.2	94.1
2b QC 250	6	<input checked="" type="checkbox"/>	250	243.8	97.5
2b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	490.1	98.0
2b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1034.0	103.4

ISP FORENSICS - Cd'A Instrument # 62340

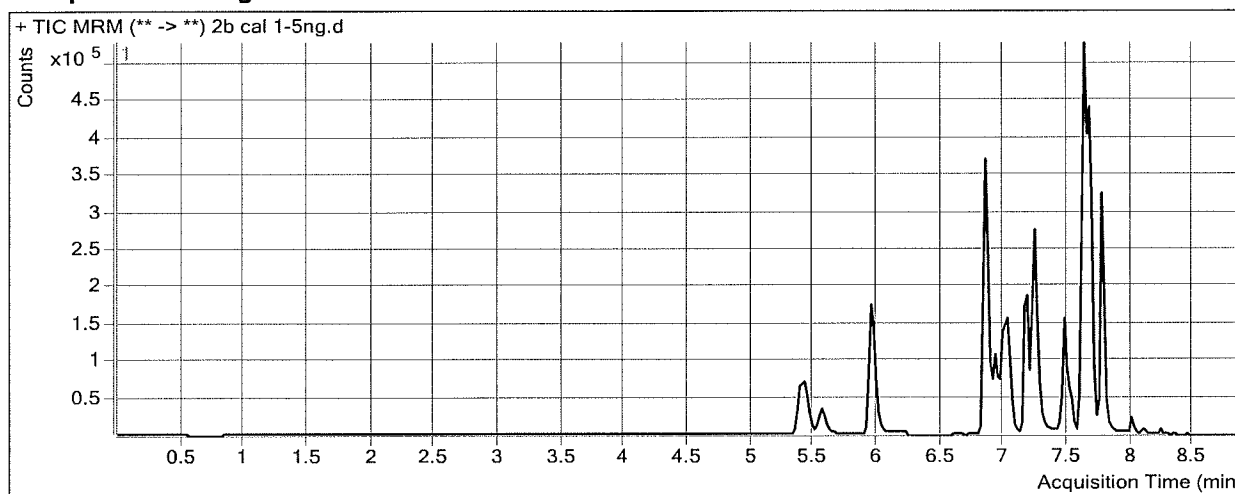
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin
Analysis Time 8/14/2017 3:08 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 3:10 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 3:08 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 06:58 **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	5.441	53956	244937	0.2203	4.0282
MDMA	MDMA-D6	5.555	42826	54691	0.7830	5.0277
MDEA	MDEA-D6	5.972	43050	524417	0.0821	4.0731
Primidone	Tapentadol-D3	6.645	5296	995596	0.0053	4.9388
Tapentadol	Tapentadol-D3	6.848	105917	995596	0.1064	5.1168
Meperidine	Meperidine-D4	6.925	27672	283884	0.0975	5.1081
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	7.002	37395	373249	0.1002	5.6611
Normeperidine	Normeperidine-D4	7.049	35546	233900	0.1520	4.7259
Pentazocine	Pentazocine-13C3	7.183	66591	454870	0.1464	5.0199
Phencyclidine	Phencyclidine-D5	7.249	71264	723310	0.0985	4.7879
Flurazepam	Flunitrazepam-D7	7.436	71433	59723	1.1961	5.8306
Zaleplon	Zaleplon-D4	7.463	32141	249592	0.1288	5.6739
Verapamil	Trimipramine-D3	7.516	60263	767151	0.0786	28.9074
Phenytoin	Phenytoin-D10	7.530	1863	20341	0.0916	6.3203
Propoxyphene	Propoxyphene-D11	7.598	80127	178065	0.4500	5.1581
Amoxapine	Clomipramine-D3	7.601	14723	614360	0.0240	5.7358
Flunitrazepam	Flunitrazepam-D7	7.622	24660	59723	0.4129	5.6969
Desipramine	Desipramine-D3	7.652	58887	559425	0.1053	5.0243
Imipramine	Imipramine-D3	7.630	76809	426604	0.1800	5.8407
Trimipramine	Trimipramine-D3	7.667	79994	767151	0.1043	4.6573
Clomipramine	Clomipramine-D3	7.762	55202	614360	0.0899	5.2774
Norpropoxyphene	Norpropoxyphene-D5	7.990	4573	34301	0.1333	6.0615

ISP FORENSICS - Cd'A Instrument # 62340

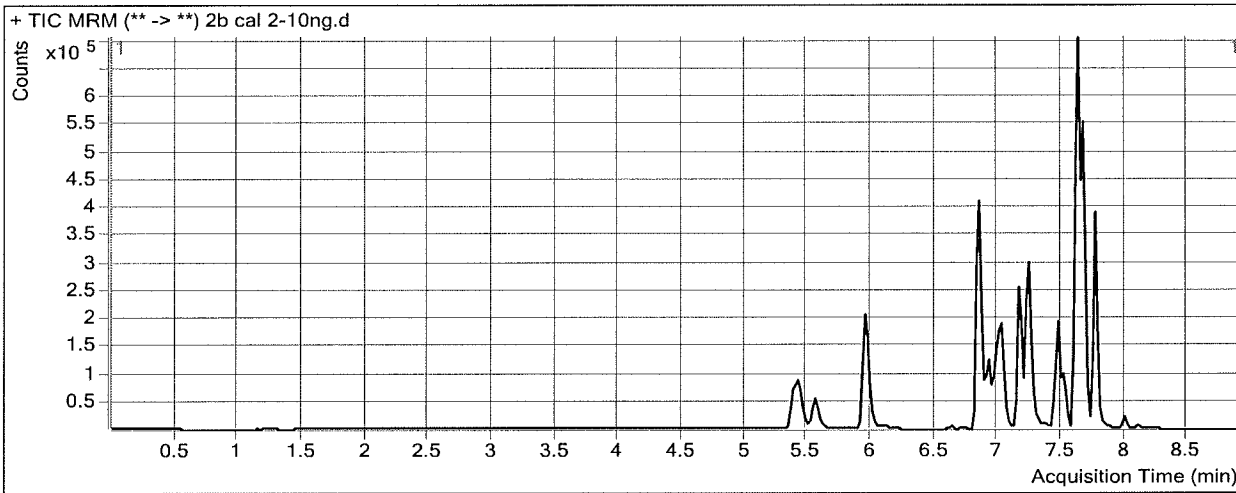
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin		
Analysis Time	8/14/2017 3:08 PM	Analyst Name	ISP Tox
Report Time	8/14/2017 3:10 PM	Reporter Name	ISP Tox
Last Calib Update	8/14/2017 3:08 PM	Batch State	Processed

Analysis Info

Acq Time	2017-08-09 07:24	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	5.441	87674	246153	0.3562	8.3434
MDMA	MDMA-D6	5.555	87833	58086	1.5121	9.8006
MDEA	MDEA-D6	5.972	91596	531710	0.1723	9.6122
Primidone	Tapentadol-D3	6.625	10120	1028611	0.0098	9.1142
Tapentadol	Tapentadol-D3	6.848	217165	1028611	0.2111	10.0595
Meperidine	Meperidine-D4	6.925	58770	295076	0.1992	9.9315
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	7.002	73160	353957	0.2067	10.4567
Normeperidine	Normeperidine-D4	7.029	71604	241025	0.2971	9.6138
Pentazocine	Pentazocine-13C3	7.163	136480	473786	0.2881	10.1990
Phencyclidine	Phencyclidine-D5	7.249	144922	708025	0.2047	10.4305
Flurazepam	Flunitrazepam-D7	7.436	147977	69627	2.1253	9.4056
Zaleplon	Zaleplon-D4	7.463	59328	257268	0.2306	9.5342
Verapamil	Trimipramine-D3	7.496	117490	783385	0.1500	30.8188
Phenytoin	Phenytoin-D10	7.530	3712	21462	0.1730	10.1046
Propoxyphene	Propoxyphene-D11	7.598	145968	187832	0.7771	8.9618
Amoxapine	Clomipramine-D3	7.601	30751	610259	0.0504	10.7545
Flunitrazepam	Flunitrazepam-D7	7.622	60510	69627	0.8691	10.1629
Desipramine	Desipramine-D3	7.631	127651	604254	0.2113	10.1744
Imipramine	Imipramine-D3	7.630	162539	462955	0.3511	10.4464
Trimipramine	Trimipramine-D3	7.667	159551	783385	0.2037	9.4349
Clomipramine	Clomipramine-D3	7.762	108034	610259	0.1770	10.1431
Norpropoxyphene	Norpropoxyphene-D5	7.990	8741	34454	0.2537	10.0402

ISP FORENSICS - Cd'A Instrument # 62340

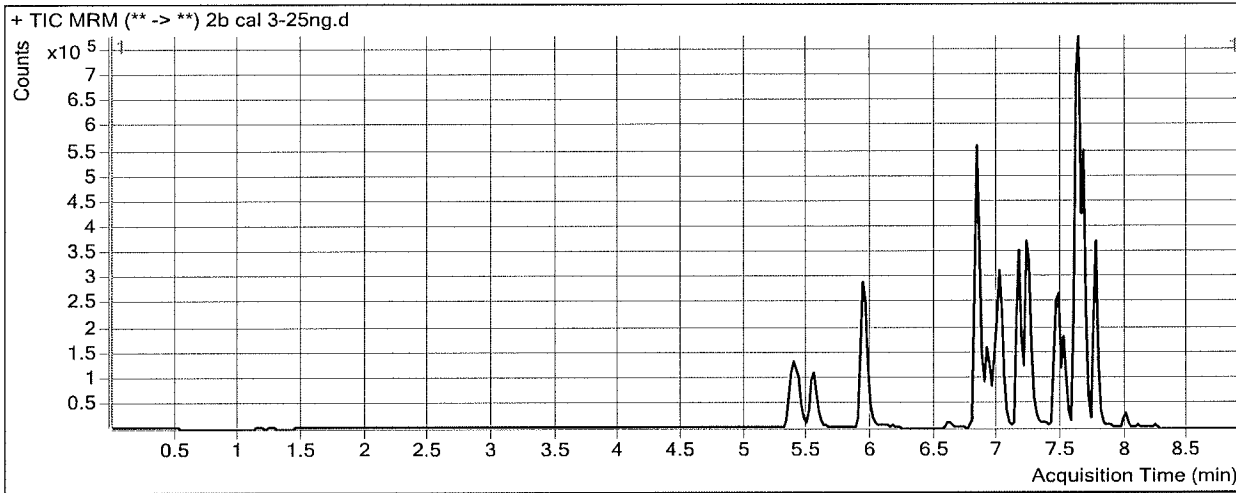
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin		
Analysis Time	8/14/2017 3:08 PM	Analyst Name	ISP Tox
Report Time	8/14/2017 3:10 PM	Reporter Name	ISP Tox
Last Calib Update	8/14/2017 3:08 PM	Batch State	Processed

Analysis Info

Acq Time	2017-08-09 07:49	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	5.401	213150	238119	0.8951	25.4583
MDMA	MDMA-D6	5.535	213024	57642	3.6957	24.0960
MDEA	MDEA-D6	5.952	229873	532015	0.4321	25.5715
Primidone	Tapentadol-D3	6.605	25905	1018897	0.0254	23.5167
Tapentadol	Tapentadol-D3	6.828	527463	1018897	0.5177	24.5261
Meperidine	Meperidine-D4	6.905	141626	282040	0.5021	24.3025
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	7.002	187999	370491	0.5074	23.9984
Normeperidine	Normeperidine-D4	7.029	162700	223103	0.7293	24.1714
Pentazocine	Pentazocine-13C3	7.163	299946	446248	0.6722	24.2405
Phencyclidine	Phencyclidine-D5	7.249	318213	641211	0.4963	25.9290
Flurazepam	Flunitrazepam-D7	7.416	322635	65598	4.9184	20.1516
Zaleplon	Zaleplon-D4	7.463	163597	259998	0.6292	24.6448
Verapamil	Trimipramine-D3	7.496	214692	556424	0.3858	37.1308
Phenytoin	Phenytoin-D10	7.510	10363	20237	0.5121	25.8745
Propoxyphene	Propoxyphene-D11	7.598	328856	146673	2.2421	25.9961
Amoxapine	Clomipramine-D3	7.601	52674	499515	0.1054	21.2113
Flunitrazepam	Flunitrazepam-D7	7.622	145114	65598	2.2122	23.3130
Desipramine	Desipramine-D3	7.631	227129	424628	0.5349	25.9001
Imipramine	Imipramine-D3	7.610	272076	328346	0.8286	23.3051
Trimipramine	Trimipramine-D3	7.667	295761	556424	0.5315	25.1946
Clomipramine	Clomipramine-D3	7.762	217211	499515	0.4348	24.5329
Norpropoxyphene	Norpropoxyphene-D5	7.990	27697	41361	0.6696	23.7874

ISP FORENSICS - Cd'A Instrument # 62340

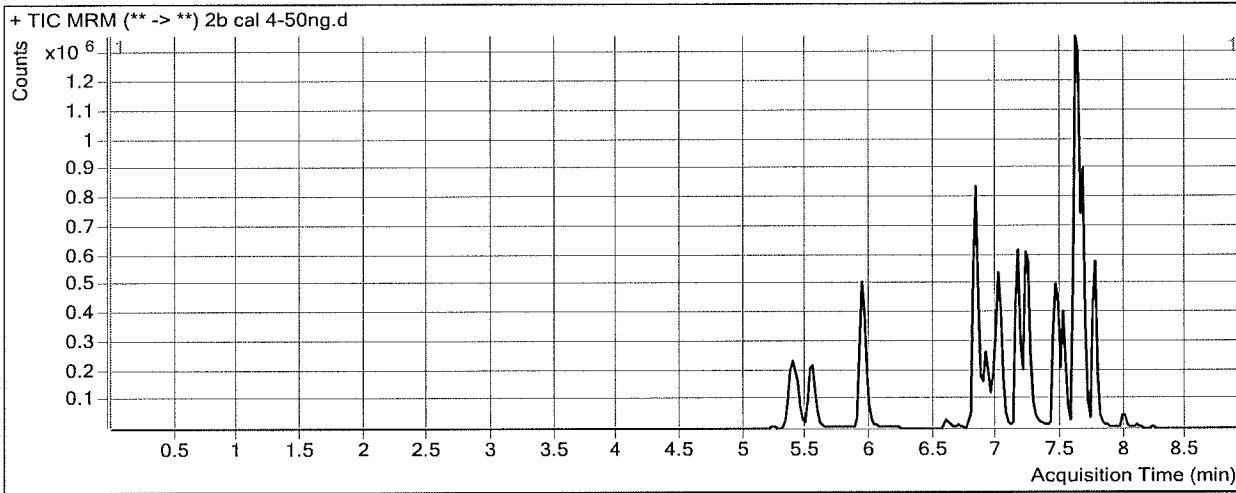
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin
Analysis Time 8/14/2017 3:08 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 3:10 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 3:08 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 08:15 **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	5.401	461711	249002	1.8542	55.9150
MDMA	MDMA-D6	5.535	485802	61376	7.9151	51.7201
MDEA	MDEA-D6	5.932	520308	587470	0.8857	53.4340
Primidone	Tapentadol-D3	6.605	54260	1094892	0.0496	45.8175
Tapentadol	Tapentadol-D3	6.828	1138875	1094892	1.0402	49.1828
Meperidine	Meperidine-D4	6.905	321858	307637	1.0462	50.1095
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	7.002	383373	370635	1.0344	47.7251
Normeperidine	Normeperidine-D4	7.029	370155	240273	1.5406	51.4997
Pentazocine	Pentazocine-13C3	7.163	680725	497502	1.3683	49.6898
Phencyclidine	Phencyclidine-D5	7.249	731093	759156	0.9630	50.7388
Flurazepam	Flunitrazepam-D7	7.416	784209	56850	13.7944	54.3007
Zaleplon	Zaleplon-D4	7.463	325163	258692	1.2570	48.4404
Verapamil	Trimipramine-D3	7.496	531091	623682	0.8515	49.5934
Phenytoin	Phenytoin-D10	7.510	20841	21919	0.9508	46.2727
Propoxyphene	Propoxyphene-D11	7.598	792470	170149	4.6575	54.0814
Amoxapine	Clomipramine-D3	7.601	120335	573187	0.2099	41.0563
Flunitrazepam	Flunitrazepam-D7	7.622	270788	56850	4.7632	48.2893
Desipramine	Desipramine-D3	7.631	494011	477048	1.0356	50.2279
Imipramine	Imipramine-D3	7.610	660464	378361	1.7456	47.9964
Trimipramine	Trimipramine-D3	7.667	697381	623682	1.1182	53.3920
Clomipramine	Clomipramine-D3	7.762	499441	573187	0.8713	48.8958
Norpropoxyphene	Norpropoxyphene-D5	7.990	62960	45992	1.3689	46.8996

ISP FORENSICS - Cd'A Instrument # 62340

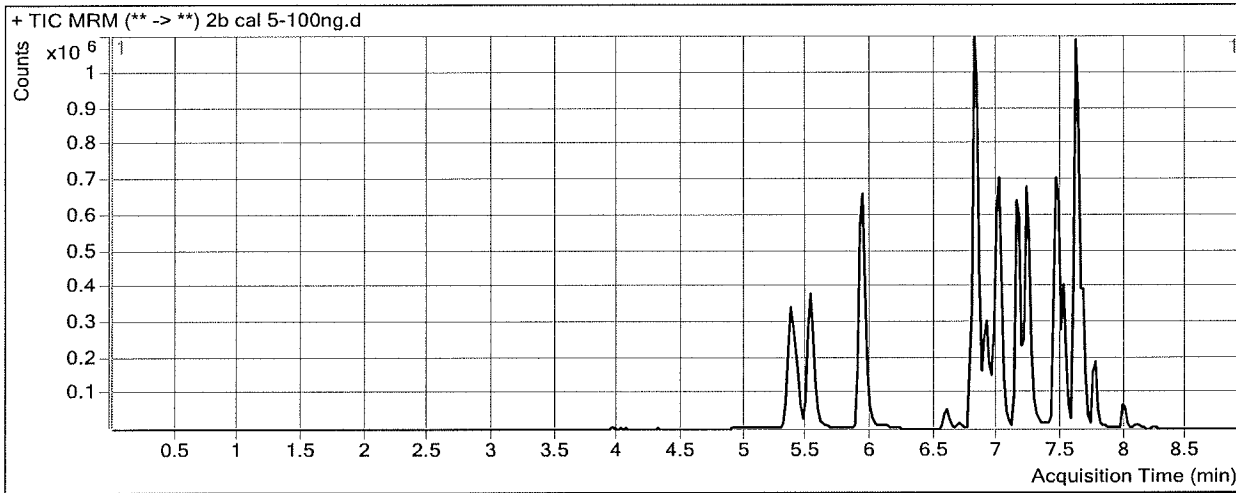
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin		
Analysis Time	8/14/2017 3:08 PM	Analyst Name	ISP Tox
Report Time	8/14/2017 3:10 PM	Reporter Name	ISP Tox
Last Calib Update	8/14/2017 3:08 PM	Batch State	Processed

Analysis Info

Acq Time	2017-08-09 08:40	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	5.381	744817	203870	3.6534	113.0474
MDMA	MDMA-D6	5.515	823209	53350	15.4302	100.9202
MDEA	MDEA-D6	5.932	831681	468171	1.7764	108.1504
Primidone	Tapentadol-D3	6.05	111170	949774	0.1170	108.1839
Tapentadol	Tapentadol-D3	6.808	2029735	949774	2.1371	100.9464
Meperidine	Meperidine-D4	6.905	467900	223413	2.0943	99.8235
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.982	723284	346732	2.0860	95.0781
Normeperidine	Normeperidine-D4	7.008	491254	159075	3.0882	103.6312
Pentazocine	Pentazocine-13C3	7.142	880656	310709	2.8343	103.2861
Phencyclidine	Phencyclidine-D5	7.229	953565	492133	1.9376	102.5405
Flurazepam	Flunitrazepam-D7	7.416	852480	54247	15.7147	61.6887
Zaleplon	Zaleplon-D4	7.463	648450	253586	2.5571	97.7269
Verapamil	Trimipramine-D3	7.496	458469	162092	2.8285	102.4976
Phenytoin	Phenytoin-D10	7.510	42741	23692	1.8040	85.9476
Propoxyphene	Propoxyphene-D11	7.598	709359	76916	9.2225	107.1614
Amoxapine	Clomipramine-D3	7.581	69207	119064	0.5813	111.5772
Flunitrazepam	Flunitrazepam-D7	7.601	520926	54247	9.6028	95.6721
Desipramine	Desipramine-D3	7.631	273644	139756	1.9580	95.0506
Imipramine	Imipramine-D3	7.610	384171	110371	3.4807	94.7187
Trimipramine	Trimipramine-D3	7.667	356211	162092	2.1976	105.2764
Clomipramine	Clomipramine-D3	7.762	206114	119064	1.7311	96.8839
Norpropoxyphene	Norpropoxyphene-D5	7.970	123582	44266	2.7918	93.9262

ISP FORENSICS - Cd'A Instrument # 62340

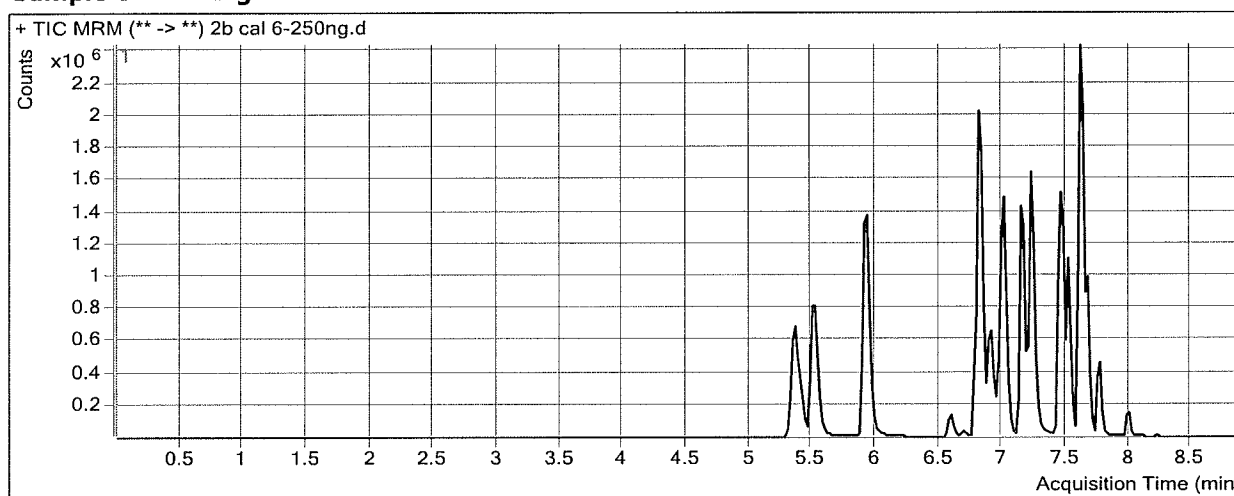
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin
Analysis Time 8/14/2017 3:08 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 3:10 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 3:08 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 09:06 **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	5.381	1668630	189644	8.7988	276.4402
MDMA	MDMA-D6	5.515	1968701	51723	38.0620	249.0864
MDEA	MDEA-D6	5.932	2061134	470388	4.3818	268.1851
Primidone	Tapentadol-D3	6.605	257988	855372	0.3016	278.7310
Tapentadol	Tapentadol-D3	6.808	4495202	855372	5.2553	248.0960
Meperidine	Meperidine-D4	6.905	1231004	226610	5.4323	258.1492
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.982	1562533	301040	5.1904	234.8641
Normeperidine	Normeperidine-D4	7.008	1159722	144854	8.0062	269.2907
Pentazocine	Pentazocine-13C3	7.142	2177177	326500	6.6682	243.4459
Phencyclidine	Phencyclidine-D5	7.229	2428911	554297	4.3820	232.4644
Flurazepam	Flunitrazepam-D7	7.416	2382248	36796	64.7415	250.3115
Zaleplon	Zaleplon-D4	7.463	1334114	211481	6.3084	239.9304
Verapamil	Trimipramine-D3	7.496	1291170	205776	6.2746	194.7211
Phenytoin	Phenytoin-D10	7.510	109120	22944	4.7559	223.2049
Propoxyphene	Propoxyphene-D11	7.598	1992705	85673	23.2594	270.3778
Amoxapine	Clomipramine-D3	7.601	174011	134798	1.2909	246.3519
Flunitrazepam	Flunitrazepam-D7	7.622	922266	36796	25.0641	247.0482
Desipramine	Desipramine-D3	7.631	725992	147722	4.9146	238.7128
Imipramine	Imipramine-D3	7.610	1108845	127222	8.7158	235.6849
Trimipramine	Trimipramine-D3	7.667	1055677	205776	5.1302	246.2387
Clomipramine	Clomipramine-D3	7.762	601428	134798	4.4617	249.2902
Norpropoxyphene	Norpropoxyphene-D5	7.990	331991	46985	7.0659	235.1888

ISP FORENSICS - Cd'A Instrument # 62340

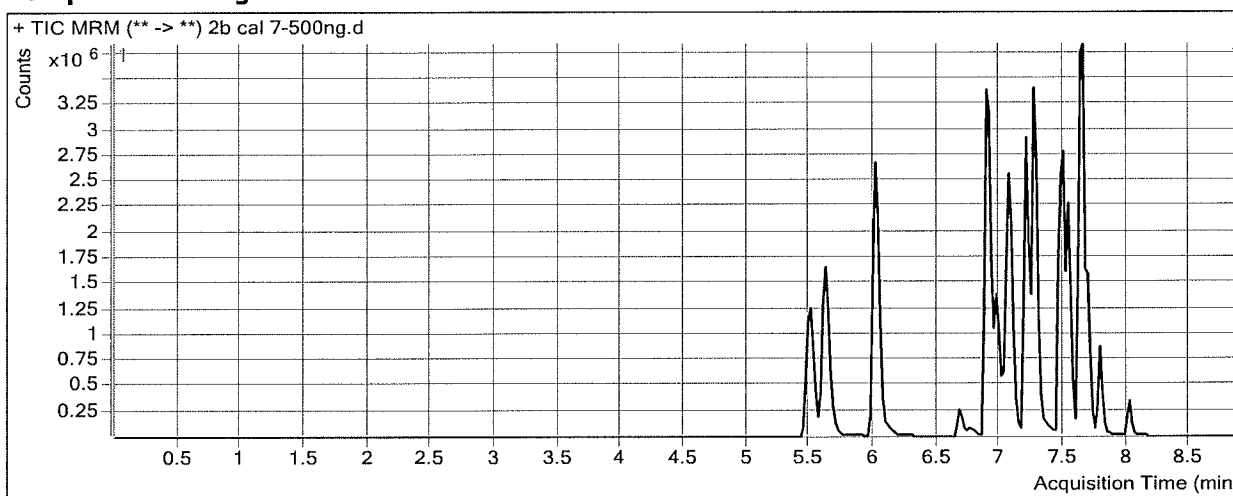
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin		
Analysis Time	8/14/2017 3:08 PM	Analyst Name	ISP Tox
Report Time	8/14/2017 3:10 PM	Reporter Name	ISP Tox
Last Calib Update	8/14/2017 3:08 PM	Batch State	Processed

Analysis Info

Acq Time	2017-08-09 09:31	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	5.501	3230299	192326	16.7960	530.3934
MDMA	MDMA-D6	5.616	3912691	50093	78.1083	511.2619
MDEA	MDEA-D6	6.012	3944959	476676	8.2760	507.3901
Primidone	Tapentadol-D3	6.688	500360	800903	0.6247	577.3318
Tapentadol	Tapentadol-D3	6.889	8519338	800903	10.6372	502.0724
Meperidine	Meperidine-D4	6.966	2448866	238492	10.2681	487.5255
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	7.043	2967856	270489	10.9722	495.2033
Normeperidine	Normeperidine-D4	7.089	2081301	138434	15.0346	506.0413
Pentazocine	Pentazocine-13C3	7.203	4397990	320107	13.7391	501.9432
Phencyclidine	Phencyclidine-D5	7.270	5297332	587194	9.0214	479.0644
Flurazepam	Flunitrazepam-D7	7.456	5079420	29613	171.5263	661.1484
Zaleplon	Zaleplon-D4	7.483	2427872	182118	13.3313	506.1508
Verapamil	Trimipramine-D3	7.516	2716835	165972	16.3693	464.8637
Phenytoin	Phenytoin-D10	7.550	260775	25887	10.0736	470.4750
Propoxyphene	Propoxyphene-D11	7.618	3865038	90471	42.7211	496.6706
Amoxapine	Clomipramine-D3	7.622	288230	109017	2.6439	503.3130
Flunitrazepam	Flunitrazepam-D7	7.642	1481003	29613	50.0118	491.3022
Desipramine	Desipramine-D3	7.652	1184748	111359	10.6390	516.8683
Imipramine	Imipramine-D3	7.650	2076922	115991	17.9058	483.1453
Trimipramine	Trimipramine-D3	7.687	1782585	165972	10.7403	515.8970
Clomipramine	Clomipramine-D3	7.782	976103	109017	8.9537	500.0077
Norpropoxyphene	Norpropoxyphene-D5	8.010	728775	49316	14.7777	490.0714

ISP FORENSICS - Cd'A Instrument # 62340

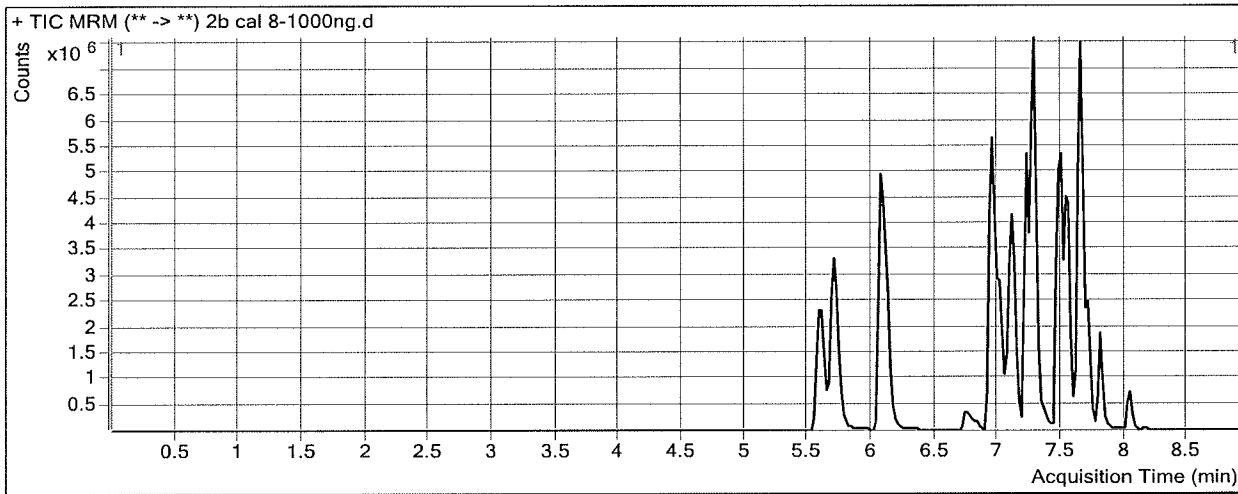
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\8817mdq p1 and p2\QuantResults\8817 mdq p2b.batch.bin
Analysis Time 8/14/2017 3:08 PM **Analyst Name** ISP Tox
Report Time 8/14/2017 3:10 PM **Reporter Name** ISP Tox
Last Calib Update 8/14/2017 3:08 PM **Batch State** Processed

Analysis Info

Acq Time 2017-08-09 09:57 **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	5.601	6170993	210861	29.2657	926.3741
MDMA	MDMA-D6	5.696	8085098	53564	150.9414	988.0872
MDEA	MDEA-D6	6.077	8125359	517449	15.7027	963.5836
Primidone	Tapentadol-D3	6.749	684566	708906	0.9657	892.3660
Tapentadol	Tapentadol-D3	6.747	51874	708906	0.0732	3.5495
Meperidine	Meperidine-D4	7.007	4744940	224041	21.1789	1005.0501
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	7.083	4926185	216223	22.7829	1027.0130
Normeperidine	Normeperidine-D4	7.109	4007364	138958	28.8387	971.0259
Pentazocine	Pentazocine-13C3	7.223	8194796	298837	27.4223	1002.1756
Phencyclidine	Phencyclidine-D5	7.290	12578921	646310	19.4627	1034.0445
Flurazepam	Flunitrazepam-D7	7.456	12291110	18238	673.9160	2594.0116
Zaleplon	Zaleplon-D4	7.483	4202916	158198	26.5674	1007.8985
Verapamil	Trimipramine-D3	7.536	6835224	178174	38.3626	1053.4288
Phenytoin	Phenytoin-D10	7.550	602874	26206	23.0056	1071.8005
Propoxyphene	Propoxyphene-D11	7.618	8326852	120374	69.1751	804.2679
Amoxapine	Clomipramine-D3	7.622	507331	130892	3.8759	737.3034
Flunitrazepam	Flunitrazepam-D7	7.642	1894242	18238	103.8604	1018.5156
Desipramine	Desipramine-D3	7.672	1851899	90154	20.5416	998.0415
Imipramine	Imipramine-D3	7.650	4382504	113703	38.5436	1038.8624
Trimipramine	Trimipramine-D3	7.708	3633642	178174	20.3938	979.9092
Clomipramine	Clomipramine-D3	7.802	2356159	130892	18.0008	1004.9690
Norpropoxyphene	Norpropoxyphene-D5	8.030	1775150	56831	31.2357	1034.0249