










Worklist: 2940

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
C2019-0109	1	139390	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2019-0130	1	139391	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2019-0131	1	139392	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2019-0159	1	139393	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2019-0169	1	139398	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2019-0182	1	139394	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2019-0216	1	139395	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2019-0236	1	139396	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2019-0238	1	139397	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	



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

Extraction Date: 2/6/19

Analyst: Anne Nord

Plate lot#: 190124 (part EDP-111)

Plate Expiration: 7/24/19

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

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

Blank Blood Lot: amn12518 negative and calibrators, baw113018 plate controls

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: 1926134** 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: 2019 Data\020619 mdq Batch Name: mdqpl1a, mdqpl1b, ~~mdqpl1c~~ mdqpl1b lumetrigine only
- 2. Make necessary changes to integration limits
- 3. Integration linear and R² values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? Yes, see comments Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS:

Curves limited: 6-monoacetylmorphine 2.5-100, metoprolol 5-500, morphine 25-1000, norhydrocodone 25-1000, Phentermine 25-1000, benzoylcegonine 25-500, buprenorphine 1-100, norbuprenorphine 5-100, norfentanyl 2.5-100
Not evaluated: codeine, lorazepam, dihydrocodeine
Evaluated qualitative only: Methadone, diphenhydramine (external controls low)
Carisoprodol dropped the 25ng calibrator, internal response was very low.



Toxicology AM method 28 panel 1 external prep information

working solution 10000 ng/ml in meoh Lorazepam, alprazolam, diphenhydramine, methadone, sertraline

Stock solution 1mg/ml 100 ul each in 9500 ul meOH

Ppd 3/19/18 Exp: 3/19/19 lot 31919 by AMN

Drug	lot	expiration
alprazolam	fe07161509	7/1/2020
diphenhydramine	fn09161502	9/1/2020
Lorazepam	fe04231401	5/1/2019
methadone	fe06221502	7/1/2020
sertraline	fn01081501	3/1/2020

AM 28 control 50 ul working solution lot (31919) in 9950 ul blood lot (17J20718)

ppd 3/19/18 Exp 9/19/18 by AMN Concentration 50 ng/ml each lot 91918

ppd 10/10/18 Exp 3/19/19 by AMN Concentration 50 ng/ml each lot 101018

ISP FORENSICS - Cd'A Instrument # 62340

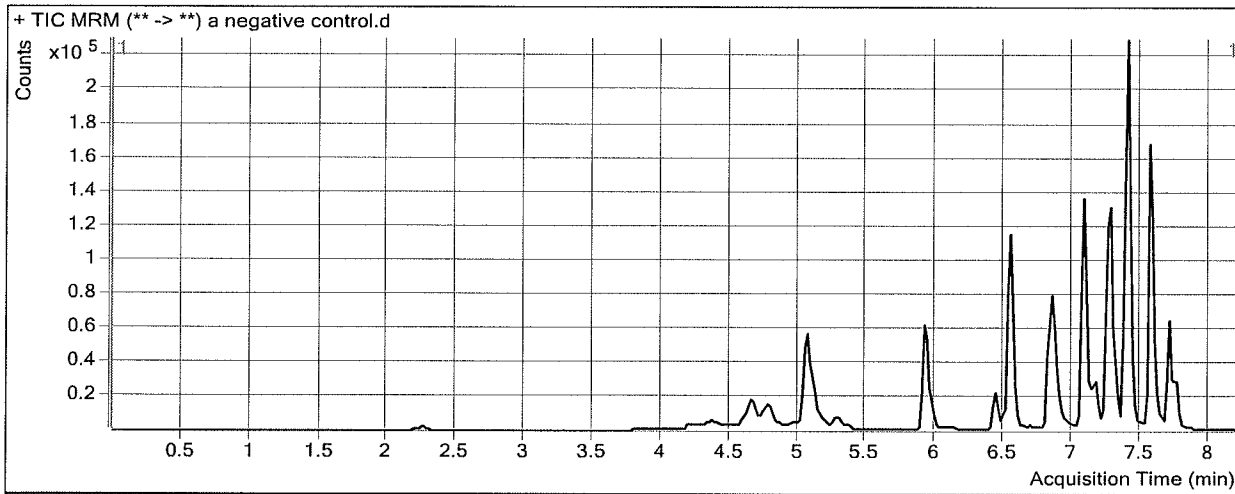
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 2/8/2019 10:28 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:30 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 19:22 **Data File** a negative control.d
Sample Type Sample **Sample Name** a negative control umn12518
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-E2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1, negative

Sample Chromatogram



ISP FORENSICS - Cd'A Instrument # 62340

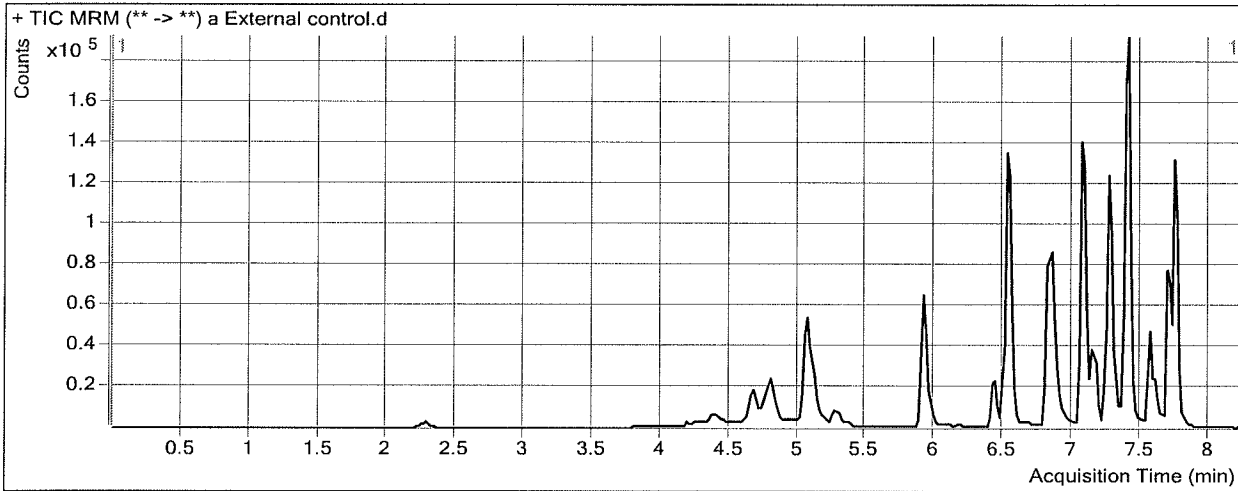
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 2/8/2019 10:28 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:30 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 19:47 **Data File** a External control.d
Sample Type Sample **Sample Name** a External control
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-F2 **Sample Info**
Inj Vol -1 **Comment** AM 28; external control p1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Amphetamine	Amphetamine-D11	4.824	27683	67600	0.4095	3.9331 <i>LS no 2nd transition peak either</i>
Diphenhydramine	Diphenhydramine-D3	7.412	188849	230151	0.8205	35.0099
Lorazepam	Clonazepam-D4	7.725	39686	27348	1.4512	41.8593
Alprazolam	Alprazolam-D5	7.769	97165	83234	1.1674	42.7640

ISP FORENSICS - Cd'A Instrument # 62340

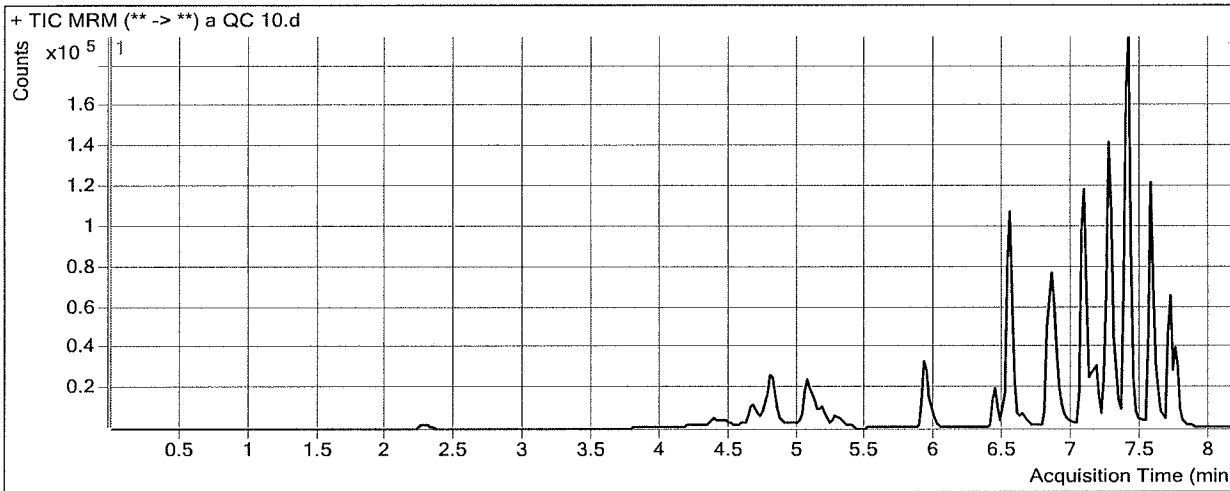
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 2/8/2019 10:28 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:30 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 20:12 **Data File** a QC 10.d
Sample Type QC **Sample Name** a QC 10
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-A2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.468	1146	1059	1.0817	11.6142 * A
Hydromorphone	Hydromorphone-D6	2.289	3324	10481	0.3171	10.2470
Codeine	Codeine-D6	4.473	1538	6537	0.2353	8.6721 not evaluated
Amphetamine	Amphetamine-D11	4.824	40230	40921	0.9831	10.8300
Oxycodone	Oxycodone-D6	4.831	8675	43276	0.2005	9.8072
Hydrocodone	Hydrocodone-D6	5.093	5547	33427	0.1659	9.8119
Norhydrocodone	Norhydrocodone-D3	5.157	634	12209	0.0519	15.5123 * A
Methamphetamine	Methamphetamine-D11	5.182	18891	50813	0.3718	11.0525 * A
6-MAM	6-MAM-D6	5.289	189	12322	0.0154	1.0289 * A
Phentermine	Phentermine-D5	5.967	8311	111176	0.0748	5.9689 * A
Dextroprphan	Dextroprphan-D3	6.443	5640	43799	0.1288	10.7662
7-aminoclonazepam	7-Aminoclonazepam-D4	6.534	9336	42742	0.2184	10.8221
Tramadol	Tramadol-13C-D3	6.543	53755	239766	0.2242	10.7376 * OK A
Metoprolol	Oxycodone-D6	6.642	7003	43276	0.1618	10.2175 * 10.2175
Doxylamine	Doxylamine-D5	6.865	47730	232551	0.2052	10.2072
Bupropion	Bupropion-D9	7.092	31638	117841	0.2685	10.8407
Zolpidem	Zolpidem-D6	7.082	31024	175710	0.1766	9.4163
Meprobamate	Meprobamate-D7	7.174	11075	57251	0.1934	10.0784
Trazodone	Trazodone-D6	7.256	28479	149038	0.1911	10.2566
Venlafaxine	Venlafaxine-D6	7.267	46866	219375	0.2136	9.9005
Citalopram	Citalopram-D6	7.358	32052	159205	0.2013	9.7601
Dextromethorphan	Dextromethorphan-D3	7.389	7381	37802	0.1953	10.1998
Diphenhydramine	Diphenhydramine-D3	7.412	71733	312456	0.2296	10.5198



ISP FORENSICS - Cd'A Instrument # 62340

Multi-Drug Confirmatory Analysis Report

PIA QC10

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.568	40720	248127	0.1641	9.3197
Clonazepam	Clonazepam-D4	7.625	9896	14956	0.6617	9.6696
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.682	2449	10260	0.2387	10.1039
Carisoprodol	Carisoprodol-D7	7.715	15939	109288	0.1458	8.9620
Lorazepam	Clonazepam-D4	7.745	4930	14956	0.3296	8.3353 not evaluated
Alprazolam	Alprazolam-D5	7.769	14184	51943	0.2731	10.4144



ISP FORENSICS - Cd'A Instrument # 62340

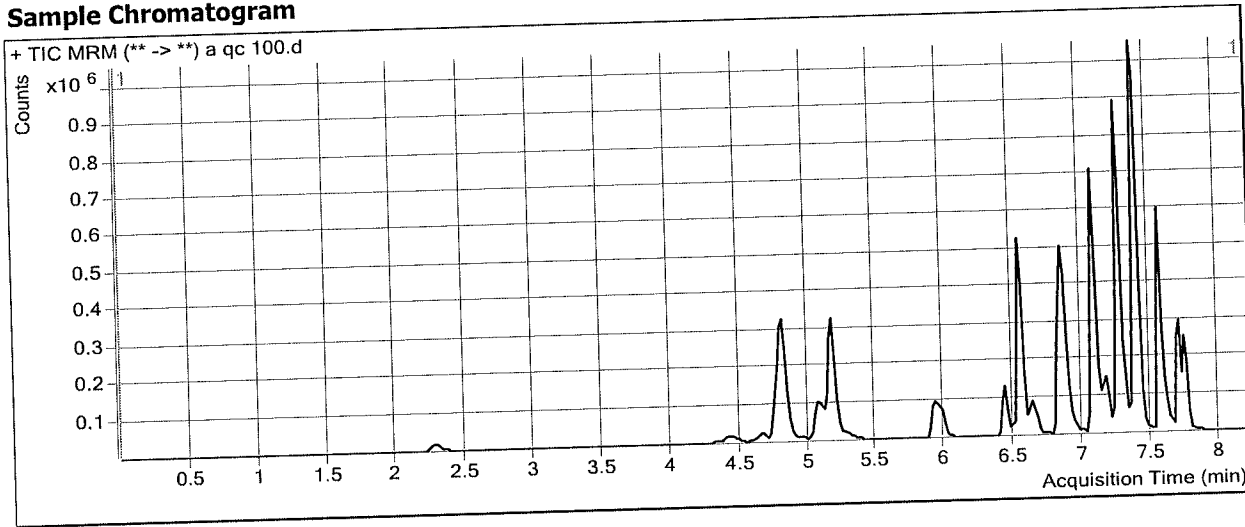
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 2/8/2019 10:28 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:30 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 23:22 **Data File** a qc 100.d
Sample Type QC **Sample Name** a qc 100
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-B2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.448	12079	1606	7.5217	78.1552
Hydromorphone	Hydromorphone-D6	2.289	55650	17631	3.1564	98.0981
Codeine	Codeine-D6	4.453	28542	10590	2.6952	63.9772 not evaluated
Amphetamine	Amphetamine-D11	4.824	913966	103112	8.8638	105.5861
Oxycodone	Oxycodone-D6	4.831	163564	71547	2.2861	102.3275
Hydrocodone	Hydrocodone-D6	5.093	103935	58233	1.7848	103.7272
Norhydrocodone	Norhydrocodone-D3	5.157	12501	22651	0.5519	89.8395
Methamphetamine	Methamphetamine-D11	5.182	818955	283744	2.8862	99.2174
6-MAM	6-MAM-D6	5.289	4098	21642	0.1894	8.9568
Phentermine	Phentermine-D5	5.967	209704	299673	0.6998	110.0316
Dextrophan	Dextrophan-D3	6.443	123792	92373	1.3401	106.2079
7-aminoclonazepam	7-Aminoclonazepam-D4	6.534	165973	75114	2.2096	109.3480
Tramadol	Tramadol-13C-D3	6.543	947232	438418	2.1606	109.3963
Metoprolol	Oxycodone-D6	6.642	128350	71547	1.7939	107.6540
Doxylamine	Doxylamine-D5	6.843	923113	459701	2.0081	97.1400
Bupropion	Bupropion-D9	7.092	550216	212387	2.5906	104.6315
Zolpidem	Zolpidem-D6	7.082	605504	320087	1.8917	102.5963
Meprobamate	Meprobamate-D7	7.174	168818	78773	2.1431	111.2053
Trazodone	Trazodone-D6	7.256	570690	278960	2.0458	106.1273
Venlafaxine	Venlafaxine-D6	7.267	853187	395858	2.1553	97.7465
Citalopram	Citalopram-D6	7.358	640252	289667	2.2103	101.2886
Dextromethorphan	Dextromethorphan-D3	7.389	148892	80633	1.8465	87.4529
Diphenhydramine	Diphenhydramine-D3	7.412	1318273	554948	2.3755	99.4484

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

Plc QC 100

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.568	907409	489408	1.8541	101.1215
Clonazepam	Clonazepam-D4	7.625	142069	18940	7.5009	110.8399
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.682	36619	14981	2.4444	99.6932
Carisoprodol	Carisoprodol-D7	7.715	269787	154292	1.7486	105.2158
Lorazepam	Clonazepam-D4	7.725	59916	18940	3.1635	☆ 93.0416 not evaluated
Alprazolam	Alprazolam-D5	7.749	232643	83301	2.7928	101.5603

ISP FORENSICS - Cd'A Instrument # 62340

Multi-Drug Confirmatory Analysis Report

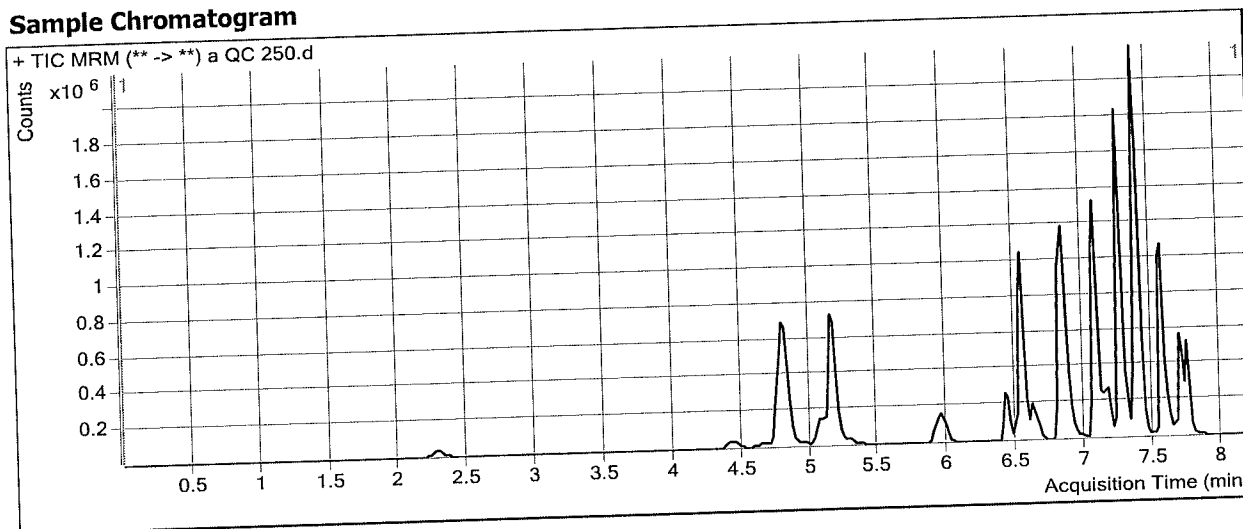
Pl a QC 250

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Analysis Time 2/8/2019 10:28 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:30 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 23:48 **Data File** a QC 250.d
Sample Type QC **Sample Name** a QC 250
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-C2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.448	29486	1724	17.1004	177.1269
Hydromorphone	Hydromorphone-D6	2.289	144874	17757	8.1585	252.8667
Codeine	Codeine-D6	4.453	72503	10040	7.2212	165.7335 - not calculated
Amphetamine	Amphetamine-D11	4.805	1992425	100940	19.7386	236.3436
Oxycodone	Oxycodone-D6	4.811	382281	72884	5.2450	233.5850
Hydrocodone	Hydrocodone-D6	5.093	271315	60388	4.4929	260.8292
Norhydrocodone	Norhydrocodone-D3	5.137	31998	22339	1.4324	220.7335
Methamphetamine	Methamphetamine-D11	5.162	1919052	263647	7.2789	253.2362
6-MAM	6-MAM-D6	5.289	10317	21857	0.4720	21.8348
Phentermine	Phentermine-D5	5.967	462458	286078	1.6165	262.6682
Dextroprphan	Dextroprphan-D3	6.423	312909	92621	3.3784	266.7998
7-aminoclonazepam	7-Aminoclonazepam-D4	6.534	376831	72253	5.2155	258.0791
Tramadol	Tramadol-13C-D3	6.543	2295920	461423	4.9757	252.8303
Metoprolol	Oxycodone-D6	6.622	297142	72884	4.0769	243.9473
Doxylamine	Doxylamine-D5	6.843	2432885	457546	5.3172	256.7086
Bupropion	Bupropion-D9	7.092	1252766	194338	6.4463	260.3618
Zolpidem	Zolpidem-D6	7.082	1504417	324050	4.6425	252.0471
Meprobamate	Meprobamate-D7	7.174	375595	76240	4.9264	255.5764
Trazodone	Trazodone-D6	7.256	1332620	281530	4.7335	245.0574
Venlafaxine	Venlafaxine-D6	7.267	2156832	391292	5.5121	249.6169
Citalopram	Citalopram-D6	7.358	1468796	277717	5.2888	241.5444
Dextromethorphan	Dextromethorphan-D3	7.389	384986	76142	5.0562	237.6113
Diphenhydramine	Diphenhydramine-D3	7.392	3125932	517100	6.0451	251.5212

ISP FORENSICS - Cd'A Instrument # 62340

Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.568	2236256	484419	4.6164	251.1706
Clonazepam	Clonazepam-D4	7.604	257753	13030	19.7821	292.5117
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.682	73579	13168	5.5878	227.3696
Carisoprodol	Carisoprodol-D7	7.695	572477	122546	4.6715	280.7615
Lorazepam	Clonazepam-D4	7.725	89546	13030	6.8725	203.9087 <i>not evaluated</i>
Alprazolam	Alprazolam-D5	7.749	526766	76360	6.8985	250.0728



ISP FORENSICS - Cd'A Instrument # 62340

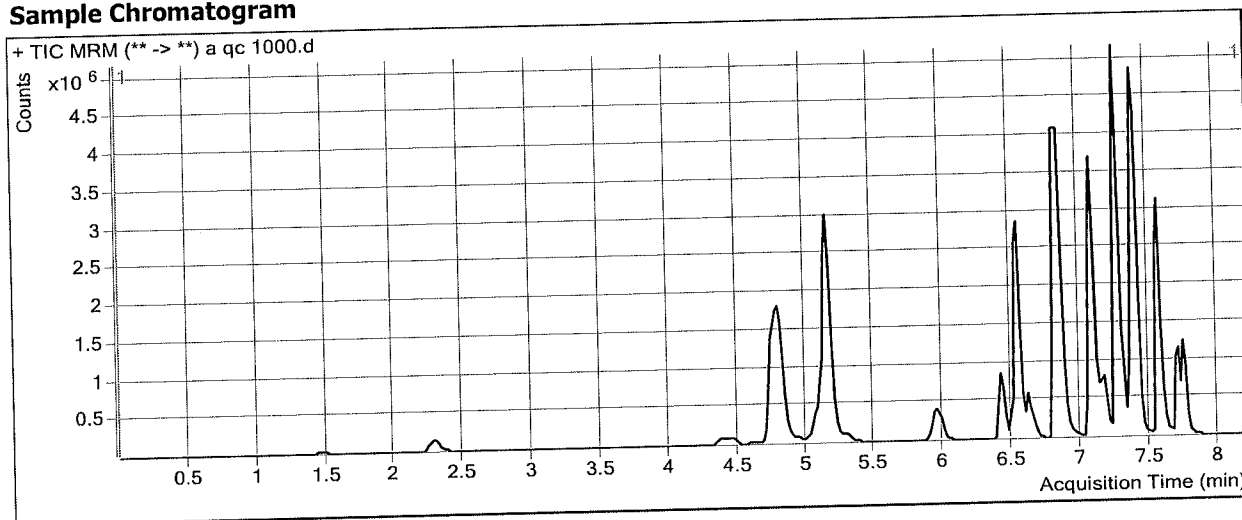
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin	Analyst Name	ISP Tox
Analysis Time	2/8/2019 10:28 AM	Reporter Name	ISP Tox
Report Time	2/8/2019 10:30 AM	Batch State	Processed
Last Calib Update	2/8/2019 10:28 AM		

Analysis Info

Acq Time	2019-02-07 00:13	Data File	a qc 1000.d
Sample Type	QC	Sample Name	a qc 1000
Dilution	1	Acq Method	a1 mdq 618.m
Position	P2-D2	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.468	108212	1296	83.4936	863.1313
Hydromorphone	Hydromorphone-D6	2.309	535453	16120	33.2157	1028.1639
Codeine	Codeine-D6	4.453	147815	5126	28.8344	651.6539 not evaluated
Amphetamine	Amphetamine-D11	4.784	6175341	111266	55.5007	666.3416
Oxycodone	Oxycodone-D6	4.811	1570710	73220	21.4518	952.5206
Hydrocodone	Hydrocodone-D6	5.093	937996	55959	16.7622	972.6043
Norhydrocodone	Norhydrocodone-D3	5.137	113321	15789	7.1772	1074.7377
Methamphetamine	Methamphetamine-D11	5.162	8251281	309753	26.6382	932.0320
6-MAM	6-MAM-D6	5.289	42504	21678	1.9607	89.6638
Phentermine	Phentermine-D5	5.967	1607125	279169	5.7568	952.0015
Dextroprorphan	Dextroprorphan-D3	6.423	1132197	81256	13.9337	1098.4383
7-aminoclonazepam	7-Aminoclonazepam-D4	6.514	902947	53290	16.9440	838.4132
Tramadol	Tramadol-13C-D3	6.543	7827150	460964	16.9800	864.4498
Metoprolol	Oxycodone-D6	6.622	840962	73220	11.4853	686.2334 outside curve range
Doxylamine	Doxylamine-D5	6.843	9750493	456224	21.3722	1030.8796
Bupropion	Bupropion-D9	7.092	3314551	142497	23.2604	939.4760
Zolpidem	Zolpidem-D6	7.082	5176270	287344	18.0142	978.5111
Meprobamate	Meprobamate-D7	7.174	1086629	55976	19.4124	1006.9557
Trazodone	Trazodone-D6	7.256	4014608	244088	16.4474	850.5579
Venlafaxine	Venlafaxine-D6	7.267	7621357	344759	22.1063	1000.3877
Citalopram	Citalopram-D6	7.358	4000605	185882	21.5222	981.1327
Dextromethorphan	Dextromethorphan-D3	7.389	1147401	56555	20.2884	950.2275
Diphenhydramine	Diphenhydramine-D3	7.412	8656579	378333	22.8809	949.2097

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

Pla QC1000

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.568	7125703	401570	17.7446	964.3098
Clonazepam	Clonazepam-D4	7.604	509651	8223	61.9796	916.7252
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.682	186811	8067	23.1573	940.9954
Carisoprodol	Carisoprodol-D7	7.715	1343985	78713	17.0745	1025.6445
Lorazepam	Clonazepam-D4	7.725	201107	8223	24.4570	729.5267 - not evaluated
Alprazolam	Alprazolam-D5	7.749	1446097	50180	28.8183	1042.9731



ISP FORENSICS - Cd'A Instrument # 62340

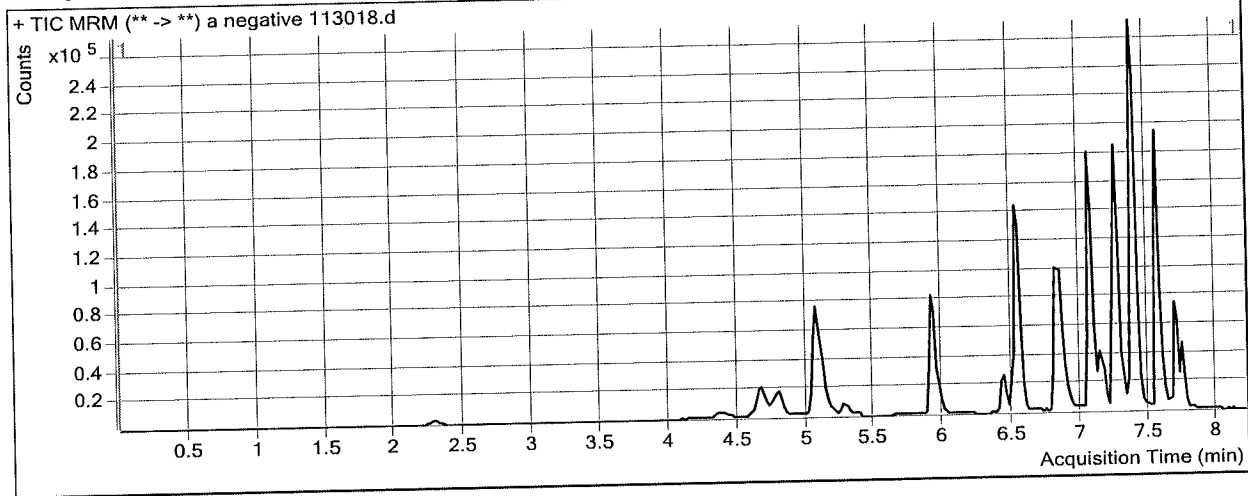
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 2/8/2019 10:28 AM
Report Time 2/8/2019 10:30 AM
Last Calib Update 2/8/2019 10:28 AM
Analyst Name ISP Tox
Reporter Name ISP Tox
Batch State Processed

Analysis Info

Acq Time 2019-02-06 22:57
Sample Type Sample
Dilution 1
Position P2-H3
Inj Vol -1
Data File a negative 113018.d
Sample Name a negative 113018 *bow 113018*
Acq Method a1 mdq 618.m
Sample Info
Comment AM 28 Panel 1

Sample Chromatogram



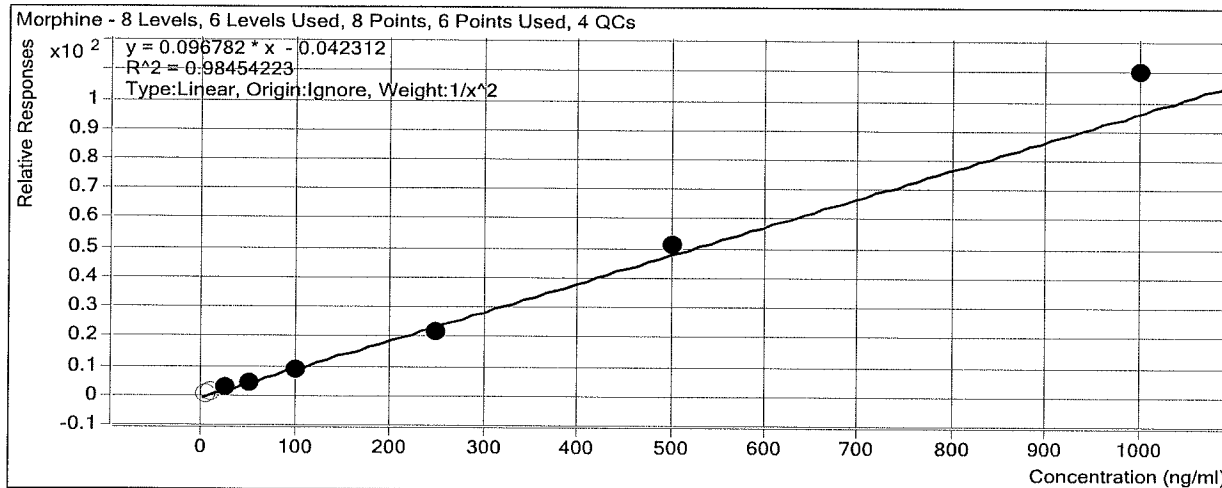
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	9.5	190.7
a cal 2-10ng	2	<input type="checkbox"/>	10	12.6	126.3
a QC 10	2	<input type="checkbox"/>	10	11.6	116.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.3	105.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.2	96.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	88.5	88.5
a qc 100	5	<input checked="" type="checkbox"/>	100	78.2	78.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	224.5	89.8
a QC 250	6	<input checked="" type="checkbox"/>	250	177.1	70.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	533.3	106.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1136.1	113.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	863.1	86.3

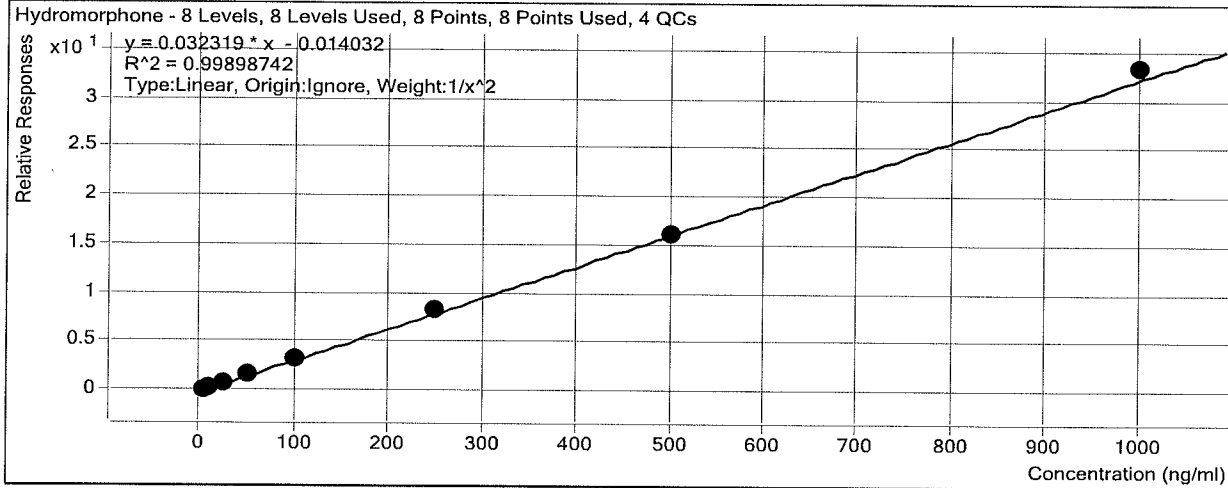
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.7
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.3	101.3
a qc 100	5	<input checked="" type="checkbox"/>	100	98.1	98.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.7	102.7
a QC 250	6	<input checked="" type="checkbox"/>	250	252.9	101.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.5	100.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1028.9	102.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1028.2	102.8

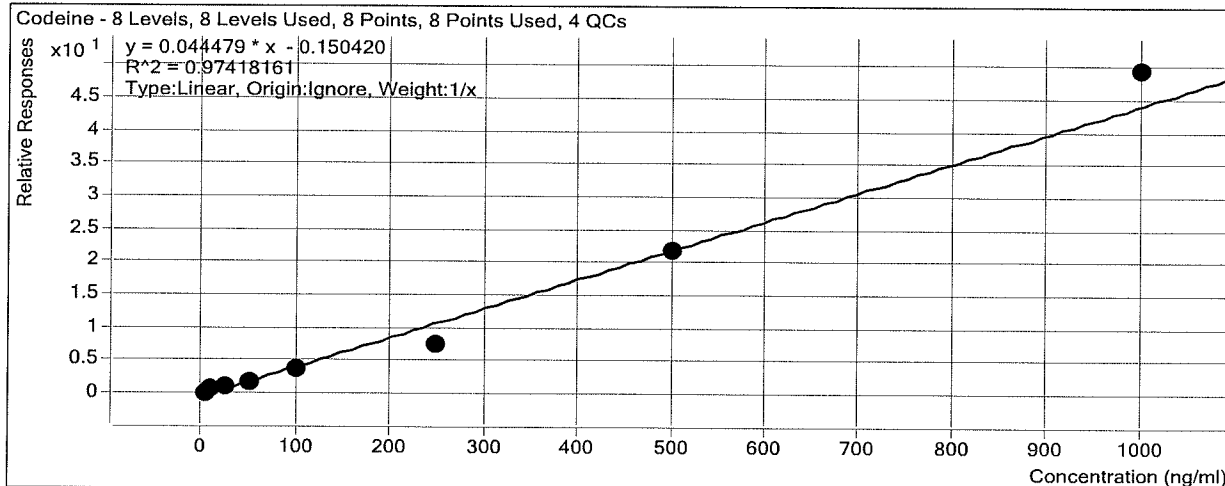
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

Target Compound Codeine
Internal Standard Codeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.0	119.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	15.2	152.3
a QC 10	2	<input checked="" type="checkbox"/>	10	8.7	86.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.3	89.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	37.7	75.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	86.2	86.2
a qc 100	5	<input checked="" type="checkbox"/>	100	64.0	64.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	169.2	67.7
a QC 250	6	<input checked="" type="checkbox"/>	250	165.7	66.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	491.4	98.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1111.9	111.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	651.7	65.2

Not evaluated *

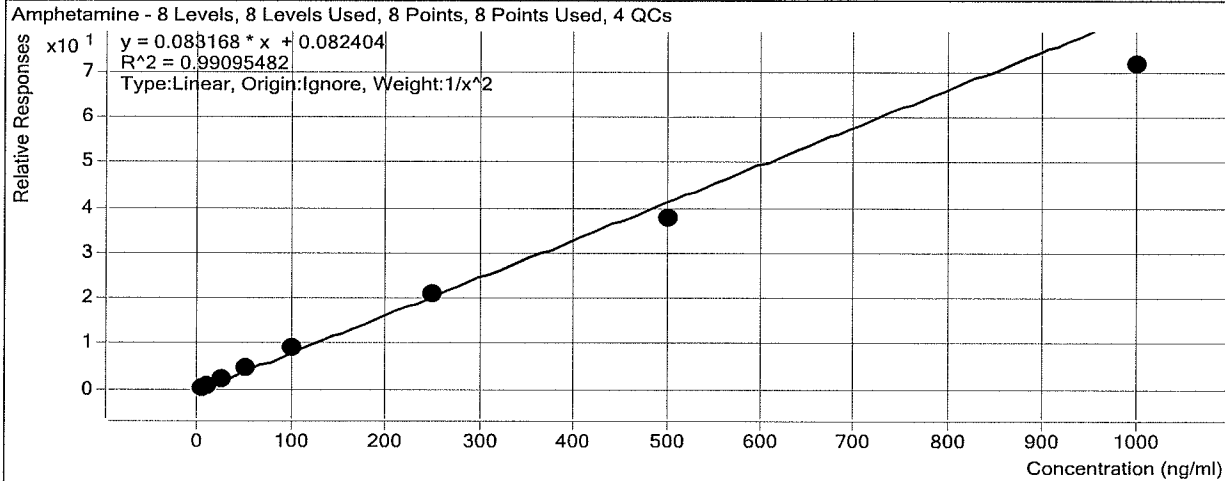
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.3
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.9	107.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.8	107.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.0	107.0
a qc 100	5	<input checked="" type="checkbox"/>	100	105.6	105.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.0	101.2
a QC 250	6	<input checked="" type="checkbox"/>	250	236.3	94.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	454.9	91.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	860.3	86.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	666.3	66.6

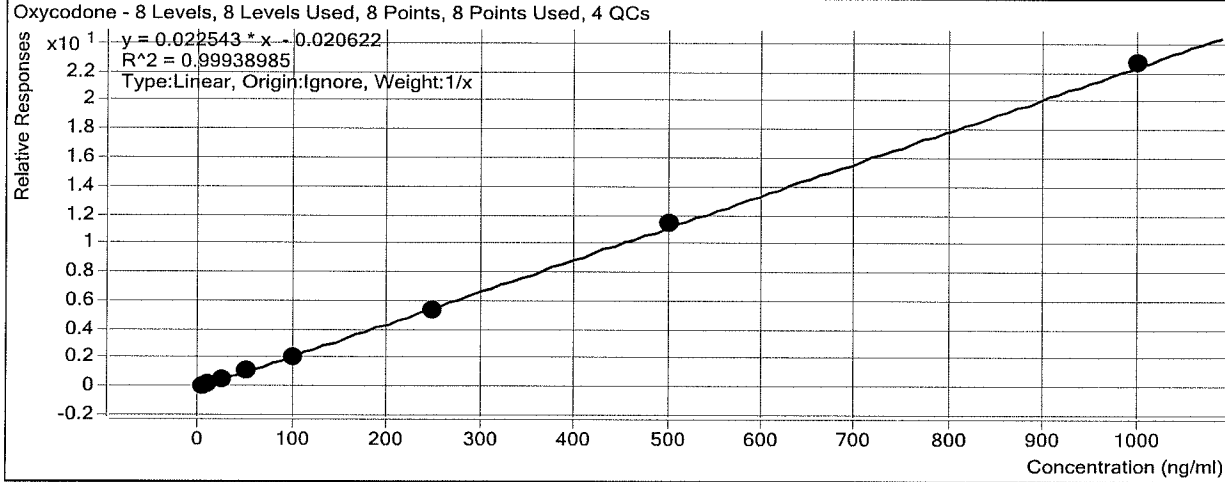
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

Target Compound Oxycodone
Internal Standard Oxycodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.9	109.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.9	93.9
a qc 100	5	<input checked="" type="checkbox"/>	100	102.3	102.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	240.3	96.1
a QC 250	6	<input checked="" type="checkbox"/>	250	233.6	93.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.7	101.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1006.2	100.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	952.5	95.3

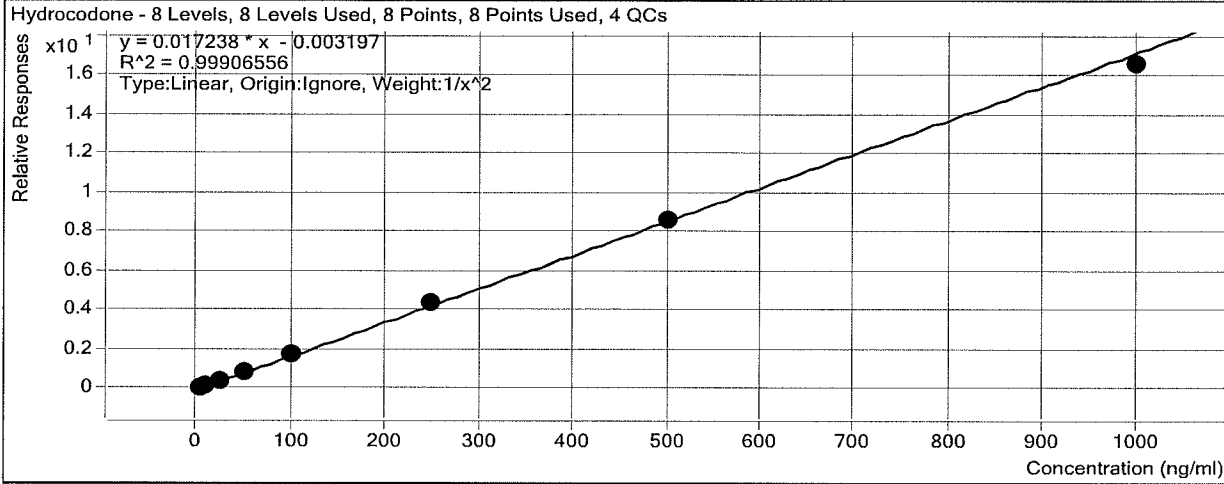
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.5
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.0	98.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.5	104.5
a qc 100	5	<input checked="" type="checkbox"/>	100	103.7	103.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.9	102.0
a QC 250	6	<input checked="" type="checkbox"/>	250	260.8	104.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.3	100.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	959.5	96.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	972.6	97.3

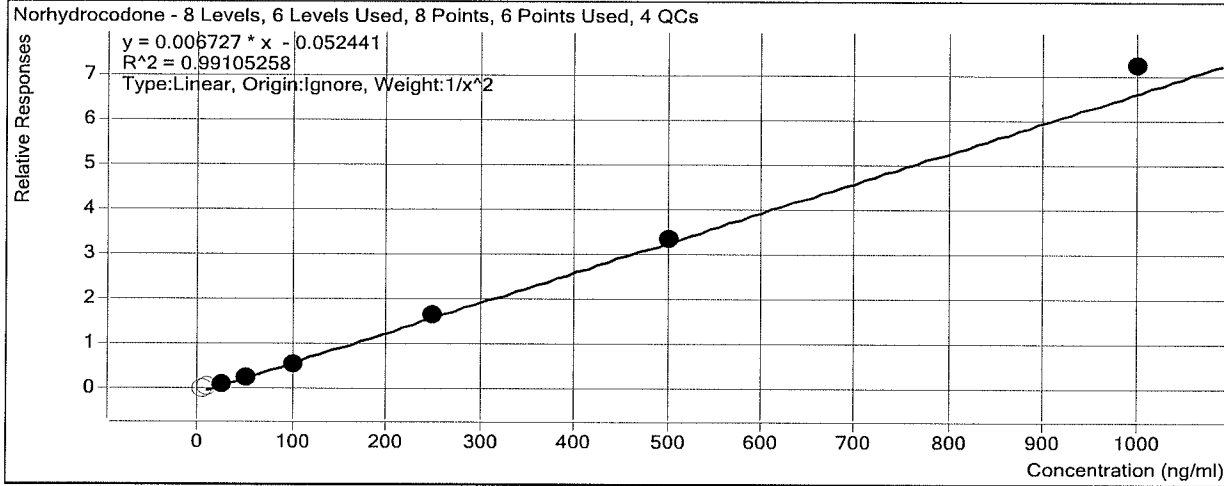
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	11.4	227.7
a cal 2-10ng	2	<input type="checkbox"/>	10	15.8	157.9
a QC 10	2	<input type="checkbox"/>	10	15.5	155.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.6	106.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.1	90.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	91.6	91.6
a qc 100	5	<input checked="" type="checkbox"/>	100	89.8	89.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.4	102.2
a QC 250	6	<input checked="" type="checkbox"/>	250	220.7	88.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.4	101.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1084.9	108.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1074.7	107.5

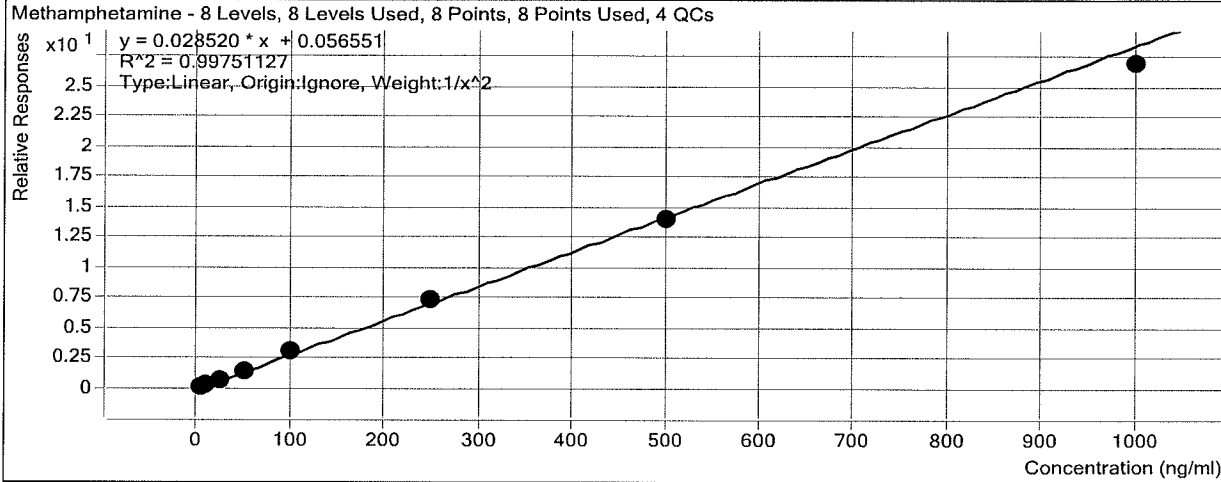
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.4
a QC 10	2	<input checked="" type="checkbox"/>	10	11.1	110.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.7	101.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.0	107.0
a qc 100	5	<input checked="" type="checkbox"/>	100	99.2	99.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.0	102.4
a QC 250	6	<input checked="" type="checkbox"/>	250	253.2	101.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	490.7	98.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	941.8	94.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	932.0	93.2

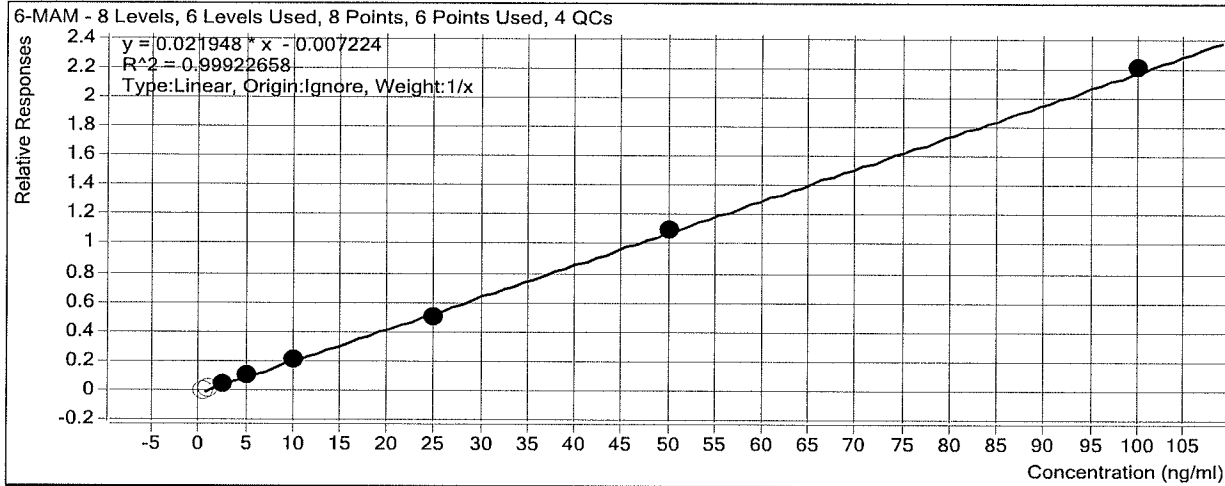
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	0.5	0.7	133.7
a cal 2-10ng	2	<input type="checkbox"/>	1	1.1	106.7
a QC 10	2	<input type="checkbox"/>	1	1.0	102.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.6	105.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.0	99.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.9	98.6
a qc 100	5	<input checked="" type="checkbox"/>	10	9.0	89.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.5	94.1
a QC 250	6	<input checked="" type="checkbox"/>	25	21.8	87.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	50	50.7	101.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	100.8	100.8
a qc 1000	8	<input checked="" type="checkbox"/>	100	89.7	89.7

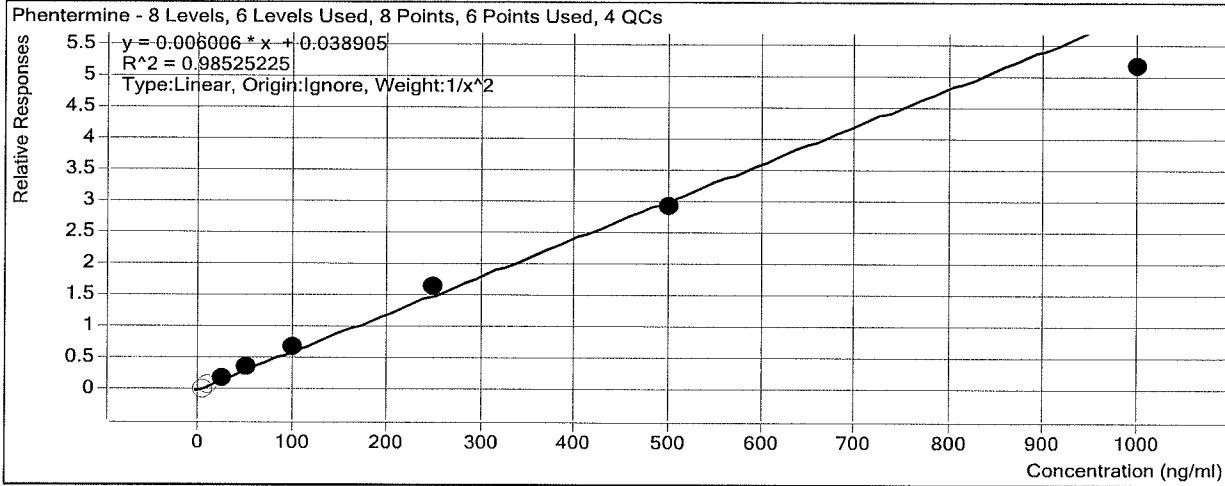
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	0.0	0.0
a cal 2-10ng	2	<input type="checkbox"/>	10	4.9	49.2
a QC 10	2	<input type="checkbox"/>	10	6.0	59.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.4	93.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.9	107.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	109.9	109.9
a qc 100	5	<input checked="" type="checkbox"/>	100	110.0	110.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	267.6	107.0
a QC 250	6	<input checked="" type="checkbox"/>	250	262.7	105.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	481.6	96.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	854.1	85.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	952.0	95.2

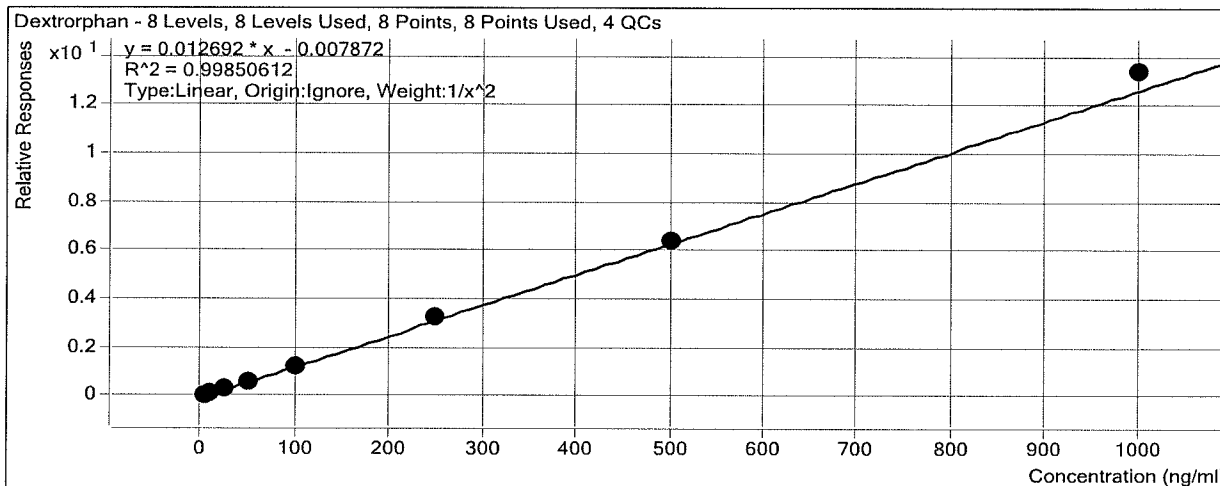
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.5
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	107.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.9	96.9
a qc 100	5	<input checked="" type="checkbox"/>	100	106.2	106.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.7	102.3
a QC 250	6	<input checked="" type="checkbox"/>	250	266.8	106.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.4	101.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1054.6	105.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1098.4	109.8

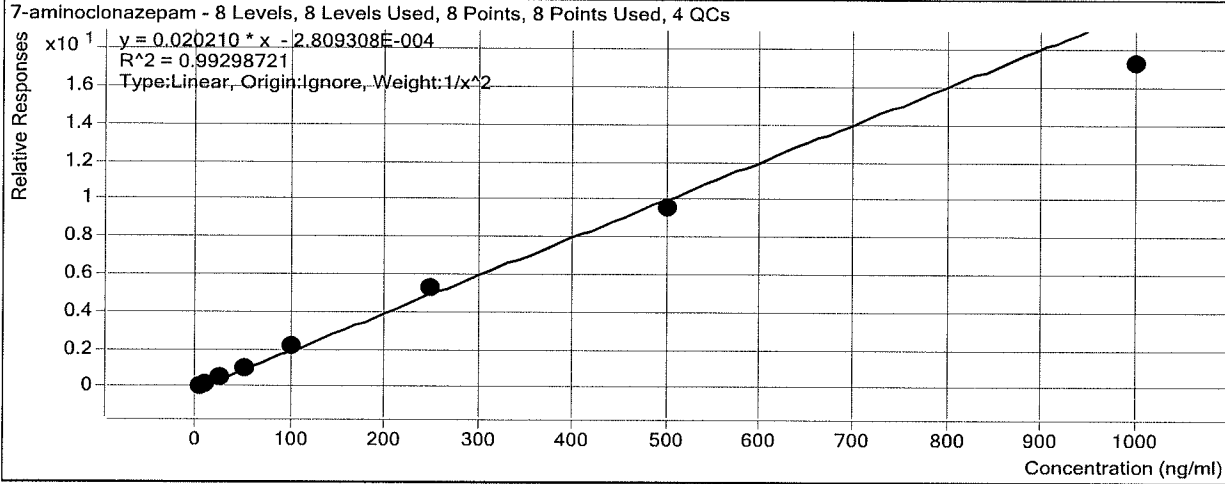
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.3
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.0	103.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.1	104.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.7	108.7
a qc 100	5	<input checked="" type="checkbox"/>	100	109.3	109.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.8	105.1
a QC 250	6	<input checked="" type="checkbox"/>	250	258.1	103.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	476.0	95.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	854.3	85.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	838.4	83.8

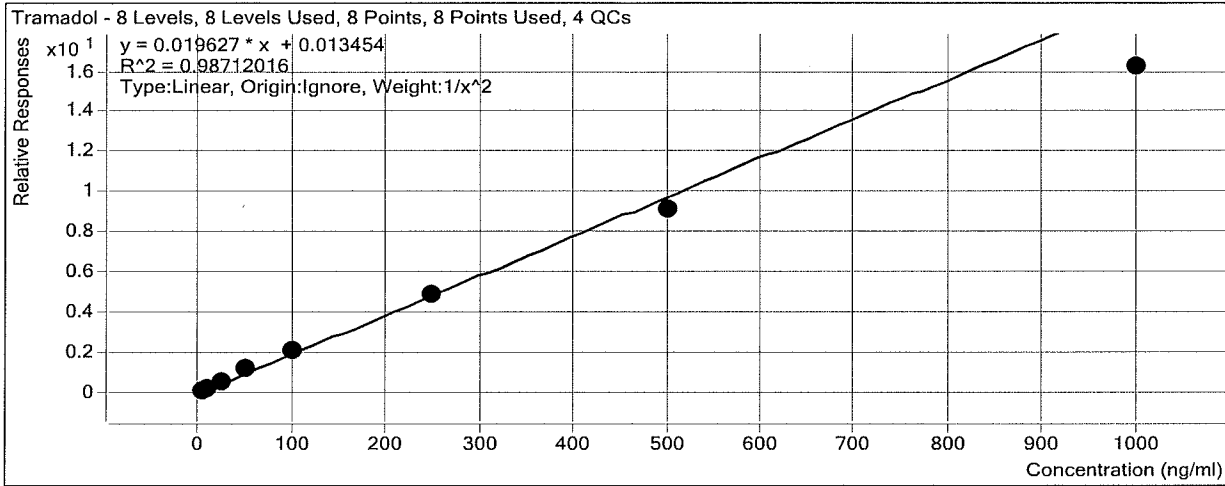
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	105.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.7	107.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.9	103.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	58.0	115.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.1	105.1
a qc 100	5	<input checked="" type="checkbox"/>	100	109.4	109.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.7	99.5
a QC 250	6	<input checked="" type="checkbox"/>	250	252.8	101.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	465.7	93.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	827.2	82.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	864.4	86.4

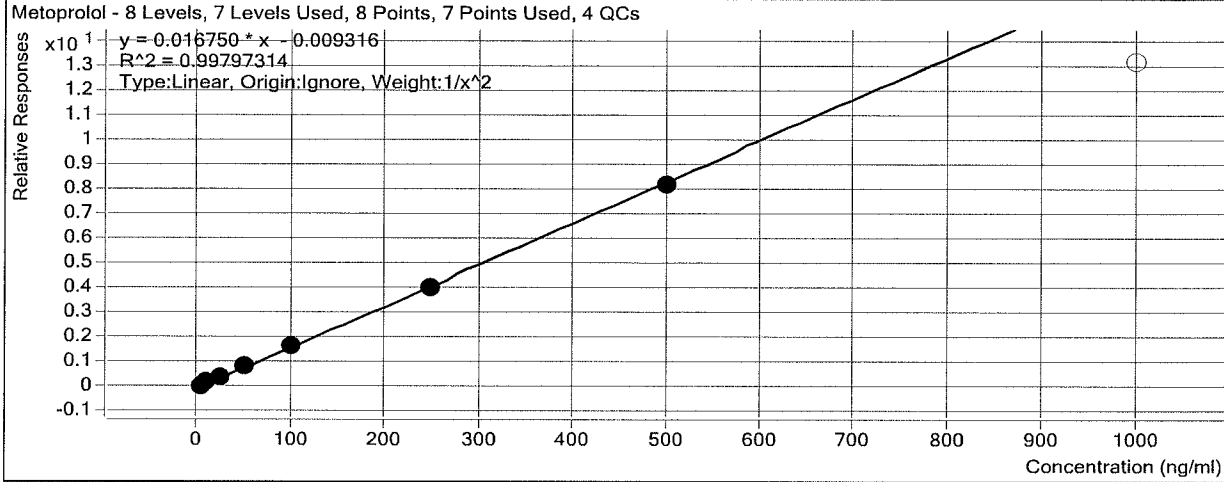
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	96.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	107.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.0	101.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.0	101.0
a qc 100	5	<input checked="" type="checkbox"/>	100	107.7	107.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.7	97.1
a QC 250	6	<input checked="" type="checkbox"/>	250	243.9	97.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	489.9	98.0
a cal 8-1000ng	8	<input type="checkbox"/>	1000	783.2	78.3
a qc 1000	8	<input type="checkbox"/>	1000	686.2	68.6

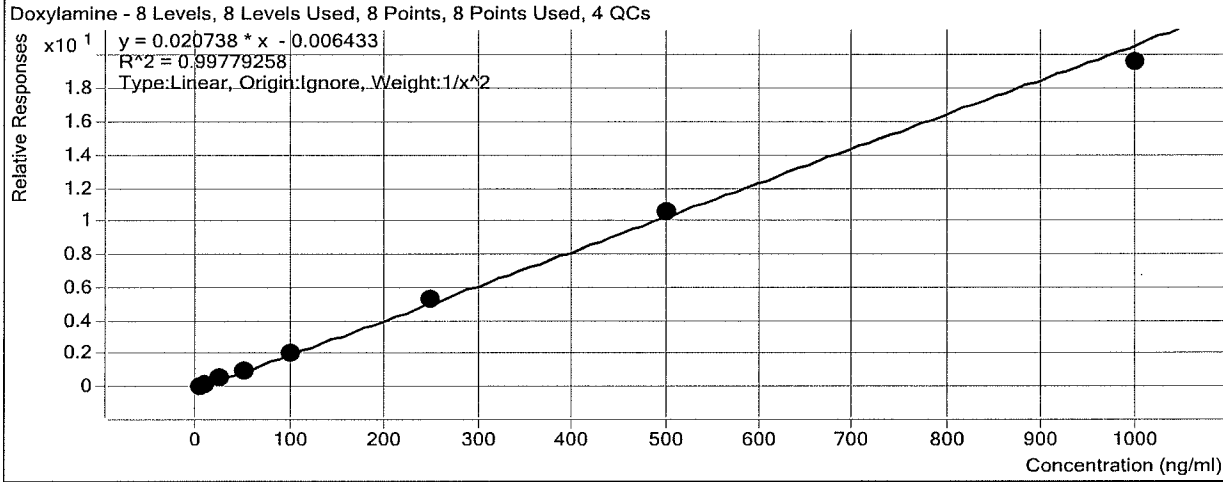
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.0	108.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.8	98.8
a qc 100	5	<input checked="" type="checkbox"/>	100	97.1	97.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.6	101.8
a QC 250	6	<input checked="" type="checkbox"/>	250	256.7	102.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.9	102.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	944.6	94.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1030.9	103.1

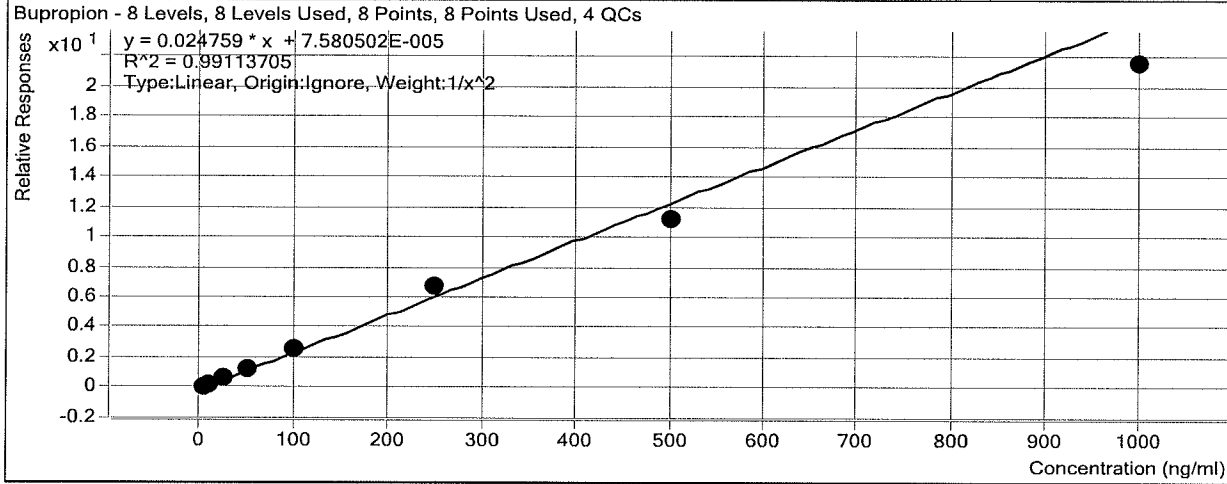
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.8	107.6
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.6	106.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.4	102.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.3	103.3
a qc 100	5	<input checked="" type="checkbox"/>	100	104.6	104.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	269.7	107.9
a QC 250	6	<input checked="" type="checkbox"/>	250	260.4	104.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	451.9	90.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	870.5	87.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	939.5	93.9

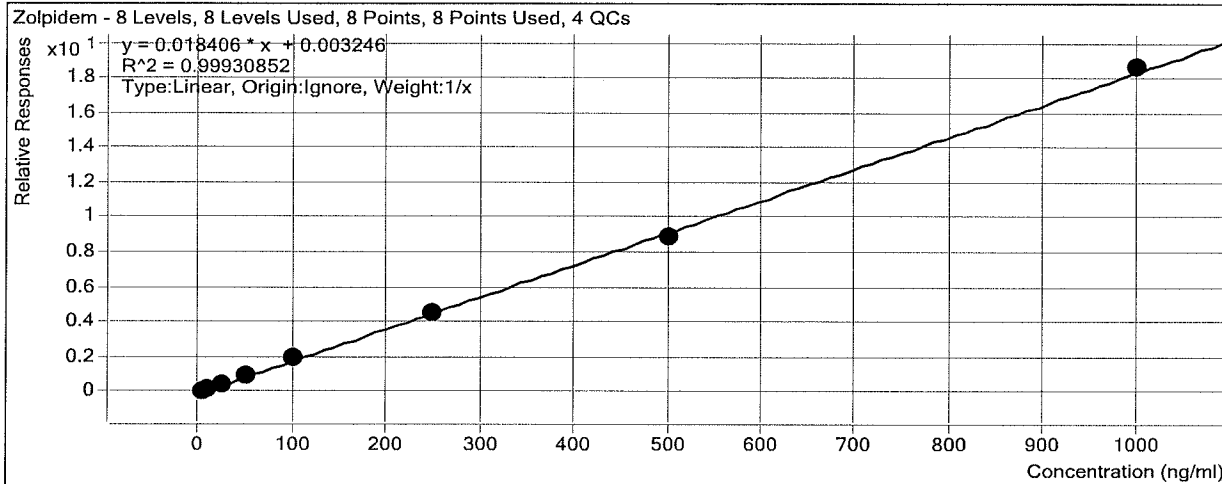
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.4	87.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.4	104.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.7	105.7
a qc 100	5	<input checked="" type="checkbox"/>	100	102.6	102.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.7	98.7
a QC 250	6	<input checked="" type="checkbox"/>	250	252.0	100.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	484.0	96.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1010.8	101.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	978.5	97.9

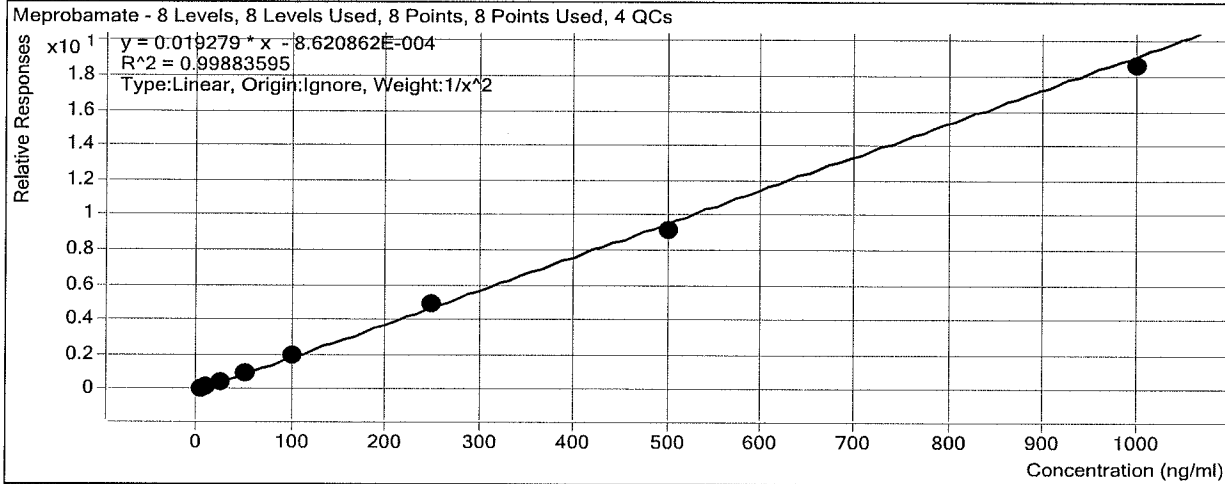
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.1	102.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.0	103.0
a qc 100	5	<input checked="" type="checkbox"/>	100	111.2	111.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.9	102.0
a QC 250	6	<input checked="" type="checkbox"/>	250	255.6	102.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	475.7	95.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	963.8	96.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1007.0	100.7

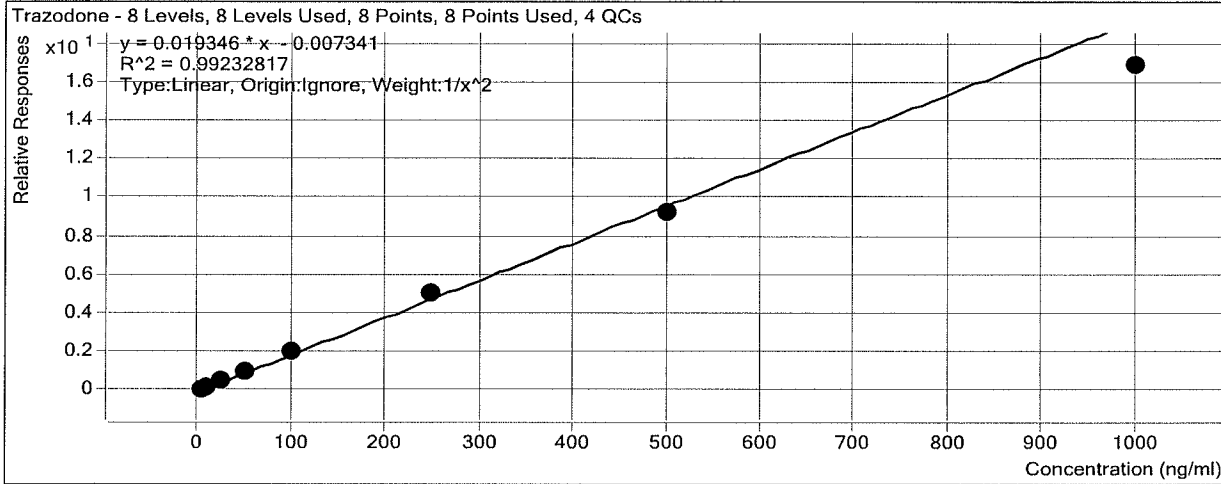
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.9	109.3
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.5	106.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.1	96.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.2	105.2
a qc 100	5	<input checked="" type="checkbox"/>	100	106.1	106.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.9	105.5
a QC 250	6	<input checked="" type="checkbox"/>	250	245.1	98.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	480.5	96.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	872.9	87.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	850.6	85.1

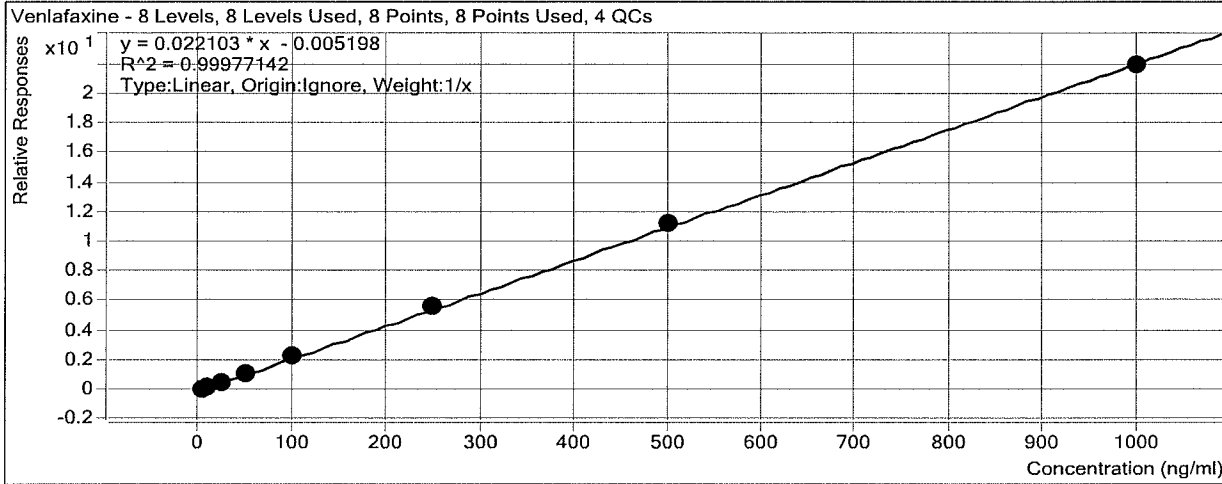
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	104.5
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.0	96.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.0	101.0
a qc 100	5	<input checked="" type="checkbox"/>	100	97.7	97.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.3	101.3
a QC 250	6	<input checked="" type="checkbox"/>	250	249.6	99.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	507.4	101.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	989.5	98.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1000.4	100.0

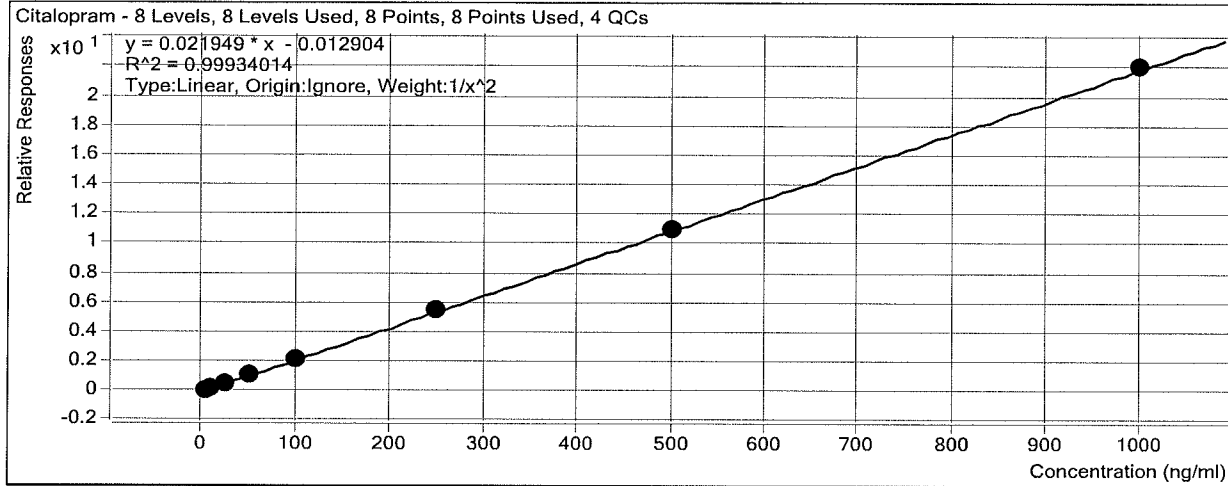
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	97.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.7	95.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.8	100.8
a qc 100	5	<input checked="" type="checkbox"/>	100	101.3	101.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.3	100.5
a QC 250	6	<input checked="" type="checkbox"/>	250	241.5	96.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.9	100.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1002.7	100.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	981.1	98.1

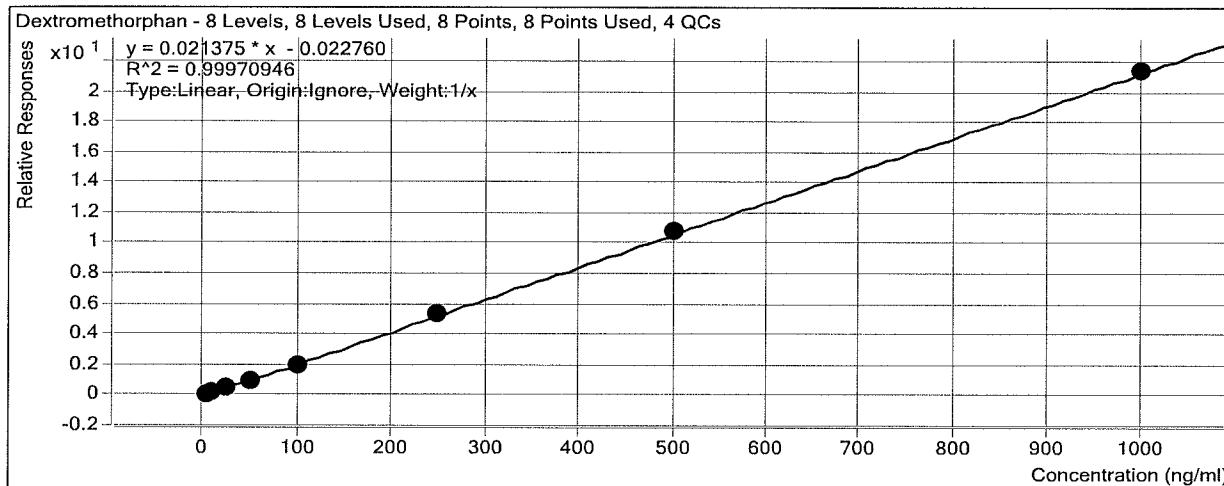
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.6	112.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.7
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.4	94.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.6	95.6
a qc 100	5	<input checked="" type="checkbox"/>	100	87.5	87.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.8	100.3
a QC 250	6	<input checked="" type="checkbox"/>	250	237.6	95.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.9	101.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1000.6	100.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	950.2	95.0

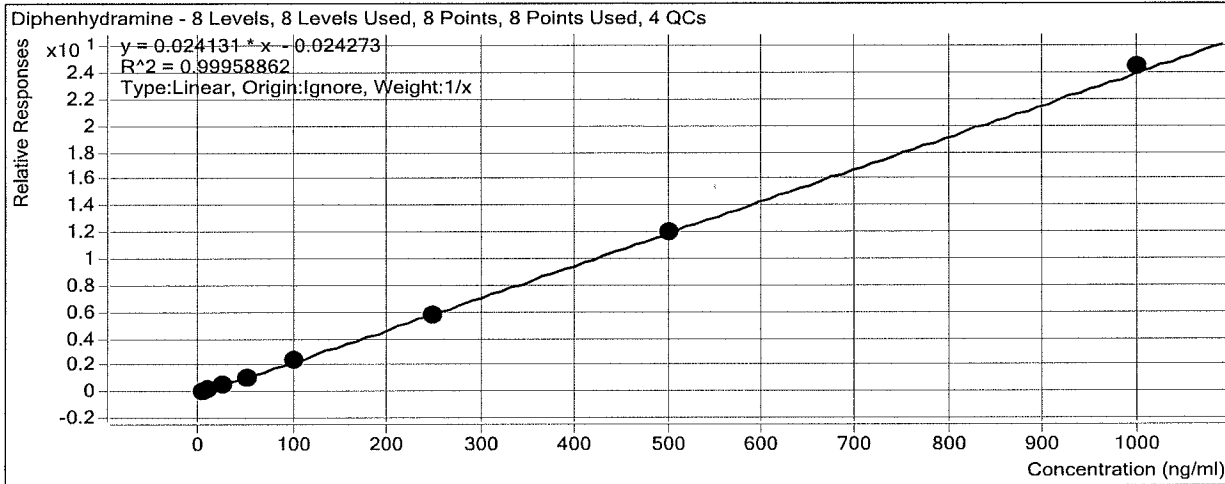
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.0
a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	105.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.1	94.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.2	98.2
a qc 100	5	<input checked="" type="checkbox"/>	100	99.4	99.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	241.8	96.7
a QC 250	6	<input checked="" type="checkbox"/>	250	251.5	100.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	498.0	99.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1014.4	101.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	949.2	94.9

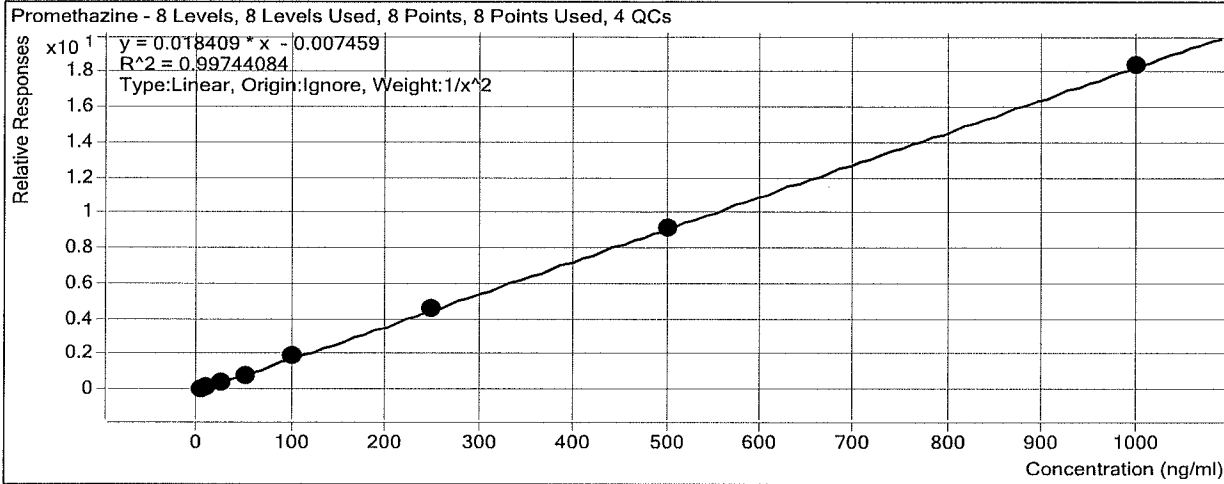
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	96.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.8	107.8
a QC 10	2	<input checked="" type="checkbox"/>	10	9.3	93.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.4	92.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.4	102.4
a qc 100	5	<input checked="" type="checkbox"/>	100	101.1	101.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.6	99.8
a QC 250	6	<input checked="" type="checkbox"/>	250	251.2	100.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.0	99.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	999.4	99.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	964.3	96.4

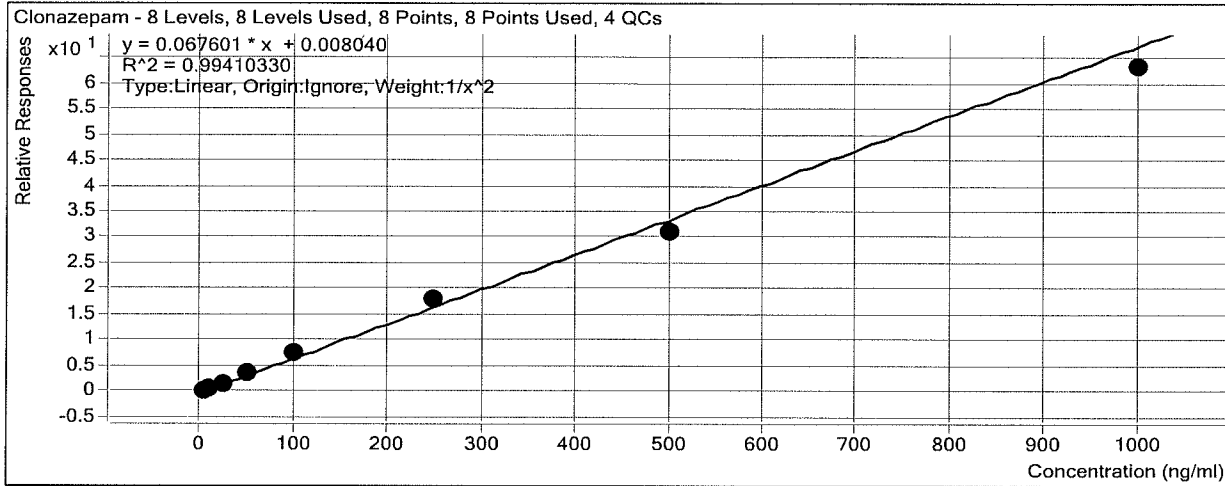
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.0
a QC 10	2	<input checked="" type="checkbox"/>	10	9.7	96.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.4	93.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.6	101.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	110.0	110.0
a qc 100	5	<input checked="" type="checkbox"/>	100	110.8	110.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	269.6	107.9
a QC 250	6	<input checked="" type="checkbox"/>	250	292.5	117.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	461.2	92.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	933.8	93.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	916.7	91.7

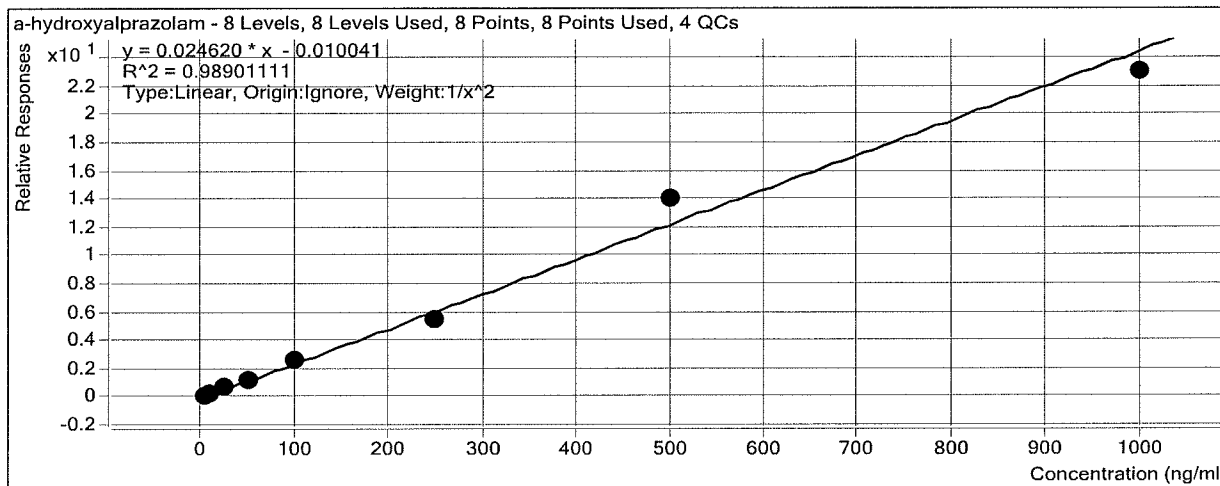
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.2	105.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.7	89.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.7	108.7
a qc 100	5	<input checked="" type="checkbox"/>	100	99.7	99.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	222.5	89.0
a QC 250	6	<input checked="" type="checkbox"/>	250	227.4	90.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	572.6	114.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	934.7	93.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	941.0	94.1

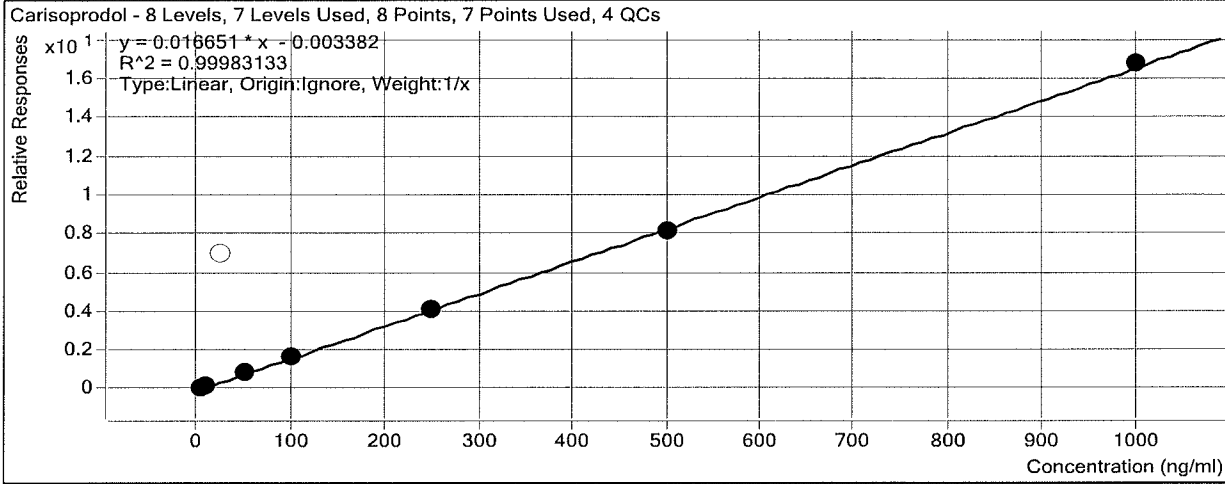
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.0	89.6
a cal 3-25ng	3	<input type="checkbox"/>	25	422.9	1691.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.0	96.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.4	101.4
a qc 100	5	<input checked="" type="checkbox"/>	100	105.2	105.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.4	99.7
a QC 250	6	<input checked="" type="checkbox"/>	250	280.8	112.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	492.7	98.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1008.5	100.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1025.6	102.6

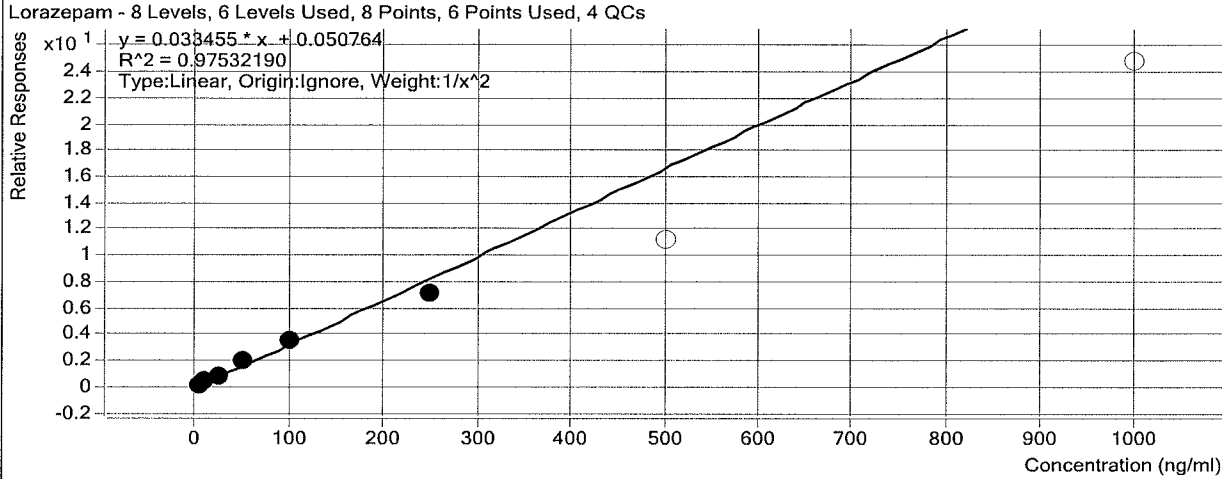
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	92.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.6	116.2
a QC 10	2	<input checked="" type="checkbox"/>	10	8.3	83.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.7	90.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	56.5	112.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.5	103.5
a qc 100	5	<input checked="" type="checkbox"/>	100	93.0	93.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	210.1	84.1
a QC 250	6	<input checked="" type="checkbox"/>	250	203.9	81.6
a cal 7-500ng	7	<input type="checkbox"/>	500	336.0	67.2
a cal 8-1000ng	8	<input type="checkbox"/>	1000	739.9	74.0
a qc 1000	8	<input type="checkbox"/>	1000	729.5	73.0

Not evaluated

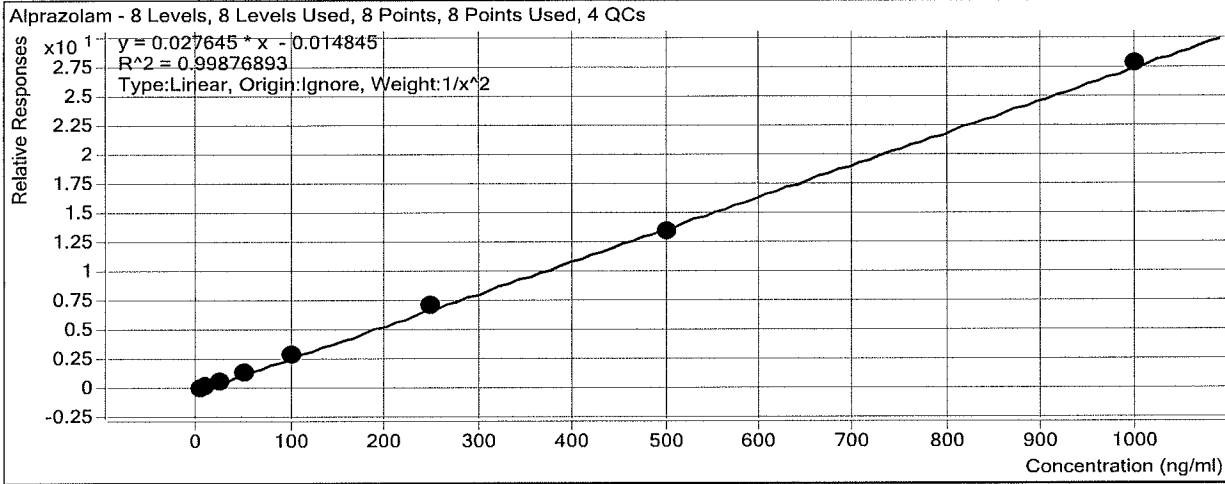
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
2/8/2019 10:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.3
a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.6	103.6
a qc 100	5	<input checked="" type="checkbox"/>	100	101.6	101.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.3	103.3
a QC 250	6	<input checked="" type="checkbox"/>	250	250.1	100.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	491.0	98.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1008.2	100.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1043.0	104.3

ISP FORENSICS - Cd'A Instrument # 62340

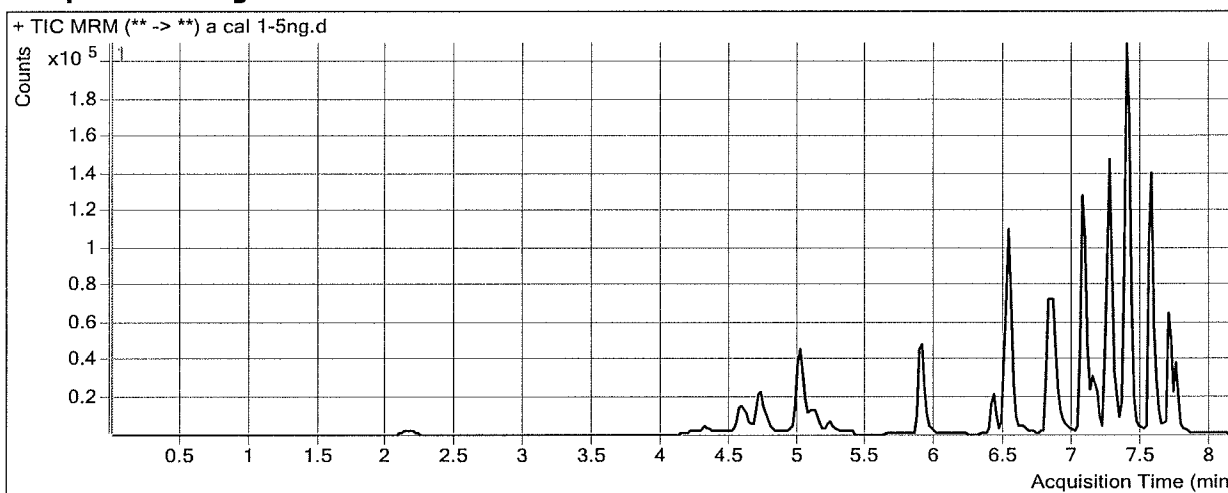
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 2/8/2019 10:28 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:30 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 15:46 **Data File** a cal 1-5ng.d
Sample Type Calibration **Sample Name** a cal 1-5ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-A1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.408	852	968	0.8804	9.5344
Hydromorphone	Hydromorphone-D6	2.189	1837	12219	0.1504	5.0866
Codeine	Codeine-D6	4.393	802	6942	0.1156	5.9801
Amphetamine	Amphetamine-D11	4.744	28154	58772	0.4790	4.7690
Oxycodone	Oxycodone-D6	4.750	4838	52002	0.0930	5.0415
Hydrocodone	Hydrocodone-D6	5.052	3030	36679	0.0826	4.9783
Norhydrocodone	Norhydrocodone-D3	5.077	355	14715	0.0241	11.3826
Methamphetamine	Methamphetamine-D11	5.122	26899	132895	0.2024	5.1143
6-MAM	6-MAM-D6	5.229	93	12426	0.0074	0.6684
Phentermine	Phentermine-D5	5.947	4827	166076	0.0291	0.0000
Dextroprphan	Dextroprphan-D3	6.423	3038	54331	0.0559	5.0262
7-aminoclonazepam	7-Aminoclonazepam-D4	6.514	4811	48111	0.1000	4.9618
Tramadol	Tramadol-13C-D3	6.543	29513	276425	0.1068	4.7544
Metoprolol	Oxycodone-D6	6.622	3720	52002	0.0715	4.8270
Doxylamine	Doxylamine-D5	6.843	27225	282621	0.0963	4.9553
Bupropion	Bupropion-D9	7.092	18651	159410	0.1170	4.7226
Zolpidem	Zolpidem-D6	7.082	16267	194560	0.0836	4.3662
Meprobamate	Meprobamate-D7	7.174	5866	62388	0.0940	4.9221
Trazodone	Trazodone-D6	7.256	14718	175590	0.0838	4.7121
Venlafaxine	Venlafaxine-D6	7.267	25201	254492	0.0990	4.7153
Citalopram	Citalopram-D6	7.358	18353	192463	0.0954	4.9323
Dextromethorphan	Dextromethorphan-D3	7.389	4592	46972	0.0978	5.6385
Diphenhydramine	Diphenhydramine-D3	7.412	38183	364920	0.1046	5.3420

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

Placal

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.568	27808	342189	0.0813	4.8195
Clonazepam	Clonazepam-D4	7.604	5583	16200	0.3447	4.9794
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.682	1239	11011	0.1125	4.9775
Carisoprodol	Carisoprodol-D7	7.715	10358	122445	0.0846	5.2835
Lorazepam	Clonazepam-D4	7.725	3332	16200	0.2057	4.6299
Alprazolam	Alprazolam-D5	7.749	7382	58056	0.1272	5.1364



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

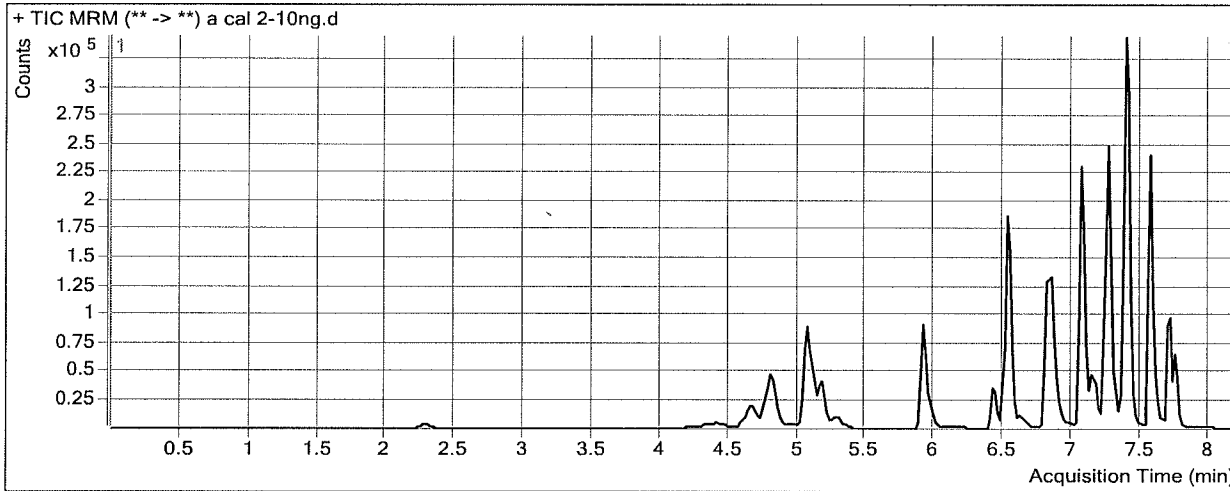
Placal 2

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 2/8/2019 10:28 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:30 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 16:11 **Data File** a cal 2-10ng.d
Sample Type Calibration **Sample Name** a cal 2-10ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-B1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.508	1715	1454	1.1797	12.6269
Hydromorphone	Hydromorphone-D6	2.309	5525	18112	0.3051	9.8731
Codeine	Codeine-D6	4.473	2910	5519	0.5272	15.2344
Amphetamine	Amphetamine-D11	4.824	93919	98905	0.9496	10.4269
Oxycodone	Oxycodone-D6	4.831	16400	72745	0.2254	10.9158
Hydrocodone	Hydrocodone-D6	5.093	9781	56967	0.1717	10.1465
Norhydrocodone	Norhydrocodone-D3	5.157	1267	23562	0.0538	15.7900
Methamphetamine	Methamphetamine-D11	5.182	93106	285850	0.3257	9.4377
6-MAM	6-MAM-D6	5.289	329	20302	0.0162	1.0674
Phentermine	Phentermine-D5	5.967	20256	296030	0.0684	4.9152
Dextrorphan	Dextrorphan-D3	6.423	10428	86194	0.1210	10.1519
7-aminoclonazepam	7-Aminoclonazepam-D4	6.534	15252	76851	0.1985	9.8340
Tramadol	Tramadol-13C-D3	6.543	94571	430449	0.2197	10.5084
Metoprolol	Oxycodone-D6	6.622	12404	72745	0.1705	10.7355
Doxylamine	Doxylamine-D5	6.843	88277	442249	0.1996	9.9354
Bupropion	Bupropion-D9	7.092	64775	242996	0.2666	10.7635
Zolpidem	Zolpidem-D6	7.082	57754	301701	0.1914	10.2236
Meprobamate	Meprobamate-D7	7.174	18140	92566	0.1960	10.2092
Trazodone	Trazodone-D6	7.256	51317	251480	0.2041	10.9275
Venlafaxine	Venlafaxine-D6	7.267	83092	367921	0.2258	10.4529
Citalopram	Citalopram-D6	7.358	60297	282148	0.2137	10.3243
Dextromethorphan	Dextromethorphan-D3	7.389	13304	70716	0.1881	9.8662
Diphenhydramine	Diphenhydramine-D3	7.412	122745	541303	0.2268	10.4030

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

Placal 2

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.568	95274	498924	0.1910	10.7782
Clonazepam	Clonazepam-D4	7.625	14919	21384	0.6977	10.2019
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.682	3635	15332	0.2371	10.0374
Carisoprodol	Carisoprodol-D7	7.715	28545	179160	0.1593	9.7719
Lorazepam	Clonazepam-D4	7.745	9401	21384	0.4396	11.6239
Alprazolam	Alprazolam-D5	7.769	21274	85551	0.2487	9.5321



ISP FORENSICS - Cd'A Instrument # 62340

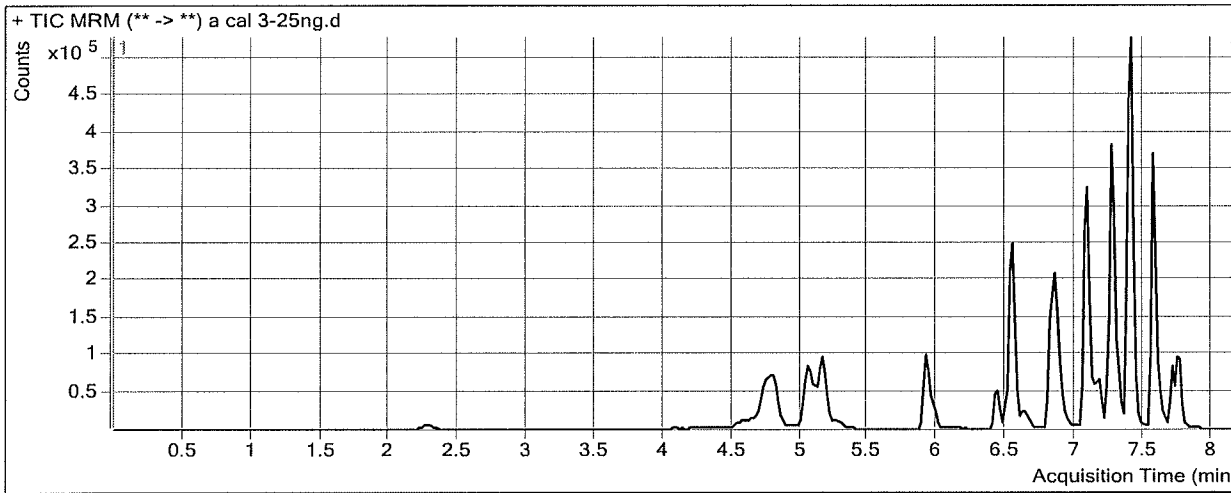
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 2/8/2019 10:28 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:30 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 16:36 **Data File** a cal 3-25ng.d
Sample Type Calibration **Sample Name** a cal 3-25ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-C1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.448	3403	1362	2.4985	26.2530
Hydromorphone	Hydromorphone-D6	2.289	13589	17942	0.7573	23.8673
Codeine	Codeine-D6	4.453	2567	3051	0.8416	22.3036
Amphetamine	Amphetamine-D11	4.784	257768	111180	2.3185	26.8861
Oxycodone	Oxycodone-D6	4.811	41875	77669	0.5391	24.8314
Hydrocodone	Hydrocodone-D6	5.093	25248	60092	0.4201	24.5593
Norhydrocodone	Norhydrocodone-D3	5.137	2925	23076	0.1268	26.6407
Methamphetamine	Methamphetamine-D11	5.162	252411	327586	0.7705	25.0338
6-MAM	6-MAM-D6	5.289	1078	21277	0.0506	2.6367
Phentermine	Phentermine-D5	5.967	57842	322800	0.1792	23.3565
Dextrorphan	Dextrorphan-D3	6.443	29576	100088	0.2955	23.9027
7-aminoclonazepam	7-Aminoclonazepam-D4	6.534	42160	80429	0.5242	25.9515
Tramadol	Tramadol-13C-D3	6.543	246634	473428	0.5210	25.8573
Metoprolol	Oxycodone-D6	6.642	31179	77669	0.4014	24.5219
Doxylamine	Doxylamine-D5	6.843	248531	449070	0.5534	26.9969
Bupropion	Bupropion-D9	7.092	185299	281347	0.6586	26.5981
Zolpidem	Zolpidem-D6	7.082	155641	325082	0.4788	25.8348
Meprobamate	Meprobamate-D7	7.174	45007	92722	0.4854	25.2221
Trazodone	Trazodone-D6	7.256	142795	282059	0.5063	26.5484
Venlafaxine	Venlafaxine-D6	7.267	239386	427064	0.5605	25.5956
Citalopram	Citalopram-D6	7.378	181560	336576	0.5394	25.1642
Dextromethorphan	Dextromethorphan-D3	7.389	45686	92578	0.4935	24.1516
Diphenhydramine	Diphenhydramine-D3	7.412	356112	621401	0.5731	24.7548

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

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.568	263848	573051	0.4604	25.4160
Clonazepam	Clonazepam-D4	7.625	40132	25229	1.5907	23.4120
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.702	10556	16600	0.6359	26.2379
Carisoprodol	Carisoprodol-D7	7.715	72713	10331	7.0386	422.9211
Lorazepam	Clonazepam-D4	7.745	20412	25229	0.8091	22.6665
Alprazolam	Alprazolam-D5	7.769	62257	94213	0.6608	24.4402

ISP FORENSICS - Cd'A Instrument # 62340

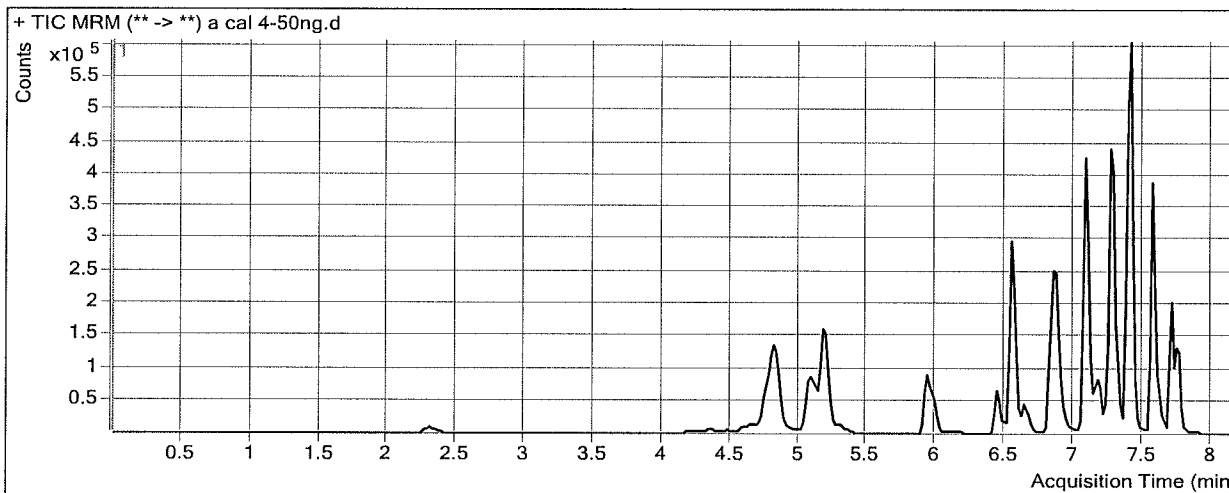
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 2/8/2019 10:28 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:30 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 17:02 **Data File** a cal 4-50ng.d
Sample Type Calibration **Sample Name** a cal 4-50ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-D1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.448	5988	1295	4.6228	48.2022
Hydromorphone	Hydromorphone-D6	2.329	25988	16781	1.5486	48.3501
Codeine	Codeine-D6	4.473	4890	3200	1.5282	37.7396
Amphetamine	Amphetamine-D11	4.824	452458	99250	4.5588	53.8233
Oxycodone	Oxycodone-D6	4.851	75949	69991	1.0851	49.0509
Hydrocodone	Hydrocodone-D6	5.113	46620	55352	0.8422	49.0464
Norhydrocodone	Norhydrocodone-D3	5.177	5577	22249	0.2506	45.0560
Methamphetamine	Methamphetamine-D11	5.182	437321	290864	1.5035	50.7351
6-MAM	6-MAM-D6	5.309	1989	19462	0.1022	4.9867
Phentermine	Phentermine-D5	5.987	105769	291485	0.3629	53.9375
Dextroprorphan	Dextroprorphan-D3	6.443	50564	83501	0.6055	48.3307
7-aminoclonazepam	7-Aminoclonazepam-D4	6.534	76163	72381	1.0523	52.0805
Tramadol	Tramadol-13C-D3	6.563	419723	364563	1.1513	57.9738
Metoprolol	Oxycodone-D6	6.642	59092	69991	0.8443	50.9594
Doxylamine	Doxylamine-D5	6.865	413387	415715	0.9944	48.2603
Bupropion	Bupropion-D9	7.092	292519	229628	1.2739	51.4483
Zolpidem	Zolpidem-D6	7.082	269759	278499	0.9686	52.4474
Meprobamate	Meprobamate-D7	7.194	80519	81847	0.9838	51.0726
Trazodone	Trazodone-D6	7.256	227347	246468	0.9224	48.0599
Venlafaxine	Venlafaxine-D6	7.287	391156	370375	1.0561	48.0164
Citalopram	Citalopram-D6	7.378	273394	264289	1.0345	47.7172
Dextromethorphan	Dextromethorphan-D3	7.389	73519	74260	0.9900	47.3813
Diphenhydramine	Diphenhydramine-D3	7.412	563401	506763	1.1118	47.0784

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

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.568	385598	455610	0.8463	46.3788
Clonazepam	Clonazepam-D4	7.625	65231	19018	3.4299	50.6182
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.682	16557	15171	1.0913	44.7354
Carisoprodol	Carisoprodol-D7	7.715	129932	163138	0.7965	48.0355
Lorazepam	Clonazepam-D4	7.745	36889	19018	1.9396	56.4599
Alprazolam	Alprazolam-D5	7.769	107149	79739	1.3437	49.1441

ISP FORENSICS - Cd'A Instrument # 62340

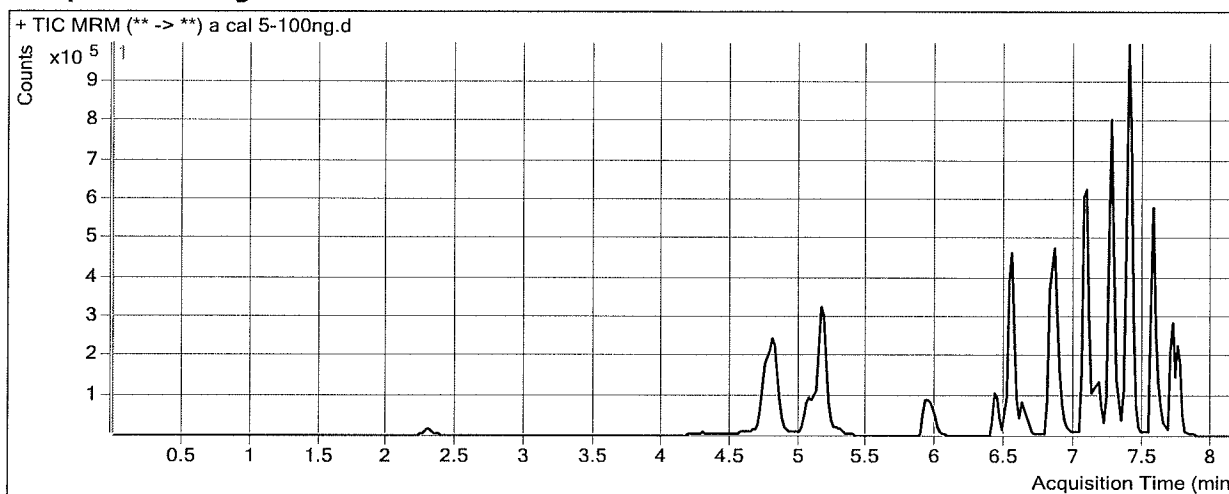
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 2/8/2019 10:28 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:30 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 17:27 **Data File** a cal 5-100ng.d
Sample Type Calibration **Sample Name** a cal 5-100ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-E1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.468	11586	1359	8.5264	88.5361
Hydromorphone	Hydromorphone-D6	2.309	54458	16701	3.2607	101.3232
Codeine	Codeine-D6	4.473	10400	2823	3.6838	86.2033
Amphetamine	Amphetamine-D11	4.805	909637	101322	8.9777	106.9556
Oxycodone	Oxycodone-D6	4.811	147651	70442	2.0961	93.8964
Hydrocodone	Hydrocodone-D6	5.093	94611	52635	1.7975	104.4629
Norhydrocodone	Norhydrocodone-D3	5.137	11472	20350	0.5637	91.5965
Methamphetamine	Methamphetamine-D11	5.162	911321	293108	3.1092	107.0338
6-MAM	6-MAM-D6	5.289	4127	19738	0.2091	9.8559
Phentermine	Phentermine-D5	5.967	205504	293943	0.6991	109.9236
Dextroprphan	Dextroprphan-D3	6.423	105809	86610	1.2217	96.8740
7-aminoclonazepam	7-Aminoclonazepam-D4	6.514	155575	70824	2.1966	108.7046
Tramadol	Tramadol-13C-D3	6.543	853453	411063	2.0762	105.0981
Metoprolol	Oxycodone-D6	6.622	118560	70442	1.6831	101.0367
Doxylamine	Doxylamine-D5	6.843	863925	423118	2.0418	98.7664
Bupropion	Bupropion-D9	7.092	596629	233232	2.5581	103.3174
Zolpidem	Zolpidem-D6	7.082	556928	285897	1.9480	105.6558
Meprobamate	Meprobamate-D7	7.174	156773	79016	1.9841	102.9566
Trazodone	Trazodone-D6	7.256	489298	241193	2.0287	105.2423
Venlafaxine	Venlafaxine-D6	7.267	822218	369207	2.2270	100.9901
Citalopram	Citalopram-D6	7.358	583594	265248	2.2002	100.8275
Dextromethorphan	Dextromethorphan-D3	7.389	153348	75874	2.0211	95.6190
Diphenhydramine	Diphenhydramine-D3	7.412	1156864	493356	2.3449	98.1801

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

Placal 35A

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.568	861842	458944	1.8779	102.4134
Clonazepam	Clonazepam-D4	7.625	123147	16536	7.4471	110.0436
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.682	33173	12444	2.6658	108.6876
Carisoprodol	Carisoprodol-D7	7.715	243822	144683	1.6852	101.4123
Lorazepam	Clonazepam-D4	7.725	58108	16536	3.5140	103.5185
Alprazolam	Alprazolam-D5	7.749	209723	73622	2.8487	103.5805



ISP FORENSICS - Cd'A Instrument # 62340

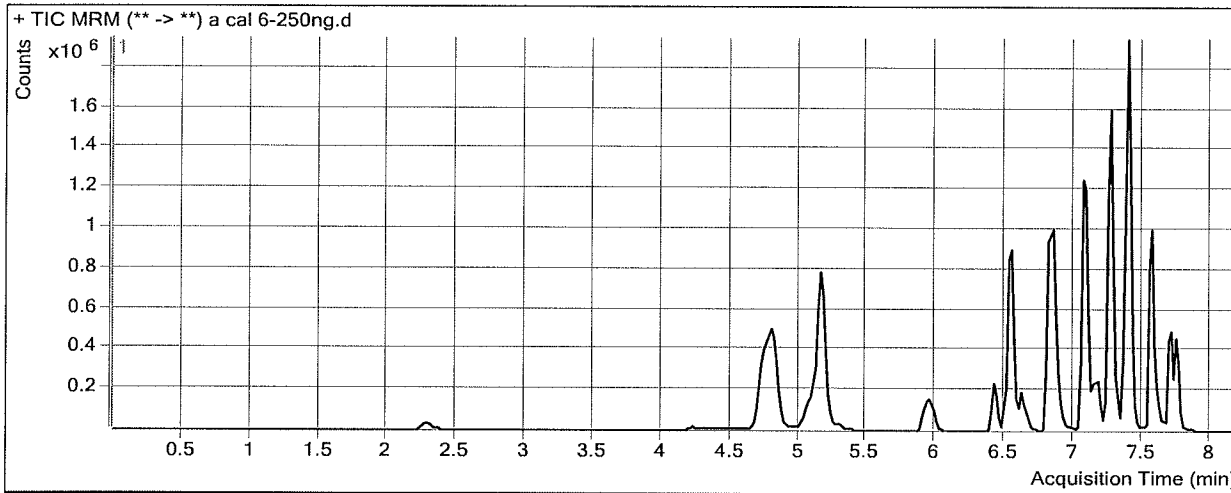
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin		
Analysis Time	2/8/2019 10:28 AM	Analyst Name	ISP Tox
Report Time	2/8/2019 10:30 AM	Reporter Name	ISP Tox
Last Calib Update	2/8/2019 10:28 AM	Batch State	Processed

Analysis Info

Acq Time	2019-02-06 17:53	Data File	a cal 6-250ng.d
Sample Type	Calibration	Sample Name	a cal 6-250ng
Dilution	1	Acq Method	a1 mdq 618.m
Position	P2-F1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.468	27727	1279	21.6825	224.4708
Hydromorphone	Hydromorphone-D6	2.289	130174	15720	8.2809	256.6555
Codeine	Codeine-D6	4.473	22258	3018	7.3762	169.2192
Amphetamine	Amphetamine-D11	4.805	1210118	100369	21.1232	252.9920
Oxycodone	Oxycodone-D6	4.811	366829	67978	5.3963	240.2966
Hydrocodone	Hydrocodone-D6	5.093	233700	53222	4.3910	254.9190
Norhydrocodone	Norhydrocodone-D3	5.137	30847	18521	1.6655	255.3841
Methamphetamine	Methamphetamine-D11	5.162	2245047	305174	7.3566	255.9619
6-MAM	6-MAM-D6	5.289	9659	18977	0.5090	23.5210
Phentermine	Phentermine-D5	5.967	483826	293902	1.6462	267.6091
Dextroprphan	Dextroprphan-D3	6.423	256836	79346	3.2369	255.6524
7-aminoclonazepam	7-Aminoclonazepam-D4	6.514	342898	64566	5.3108	262.7964
Tramadol	Tramadol-13C-D3	6.543	2079953	424889	4.8953	248.7310
Metoprolol	Oxycodone-D6	6.622	275730	67978	4.0562	242.7113
Doxylamine	Doxylamine-D5	6.843	2173862	412260	5.2730	254.5770
Bupropion	Bupropion-D9	7.072	1360577	203766	6.6772	269.6845
Zolpidem	Zolpidem-D6	7.082	1310019	288316	4.5437	246.6759
Meprobamate	Meprobamate-D7	7.174	331696	67512	4.9131	254.8858
Trazodone	Trazodone-D6	7.236	1145586	224747	5.0972	263.8590
Venlafaxine	Venlafaxine-D6	7.267	2004506	358353	5.5937	253.3082
Citalopram	Citalopram-D6	7.358	1283580	233227	5.5036	251.3278
Dextromethorphan	Dextromethorphan-D3	7.389	352028	65935	5.3391	250.8445
Diphenhydramine	Diphenhydramine-D3	7.392	2638349	453983	5.8116	241.8423



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

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.568	1947550	424523	4.5876	249.6090
Clonazepam	Clonazepam-D4	7.604	224538	12313	18.2351	269.6268
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.682	64078	11721	5.4671	222.4659
Carisoprodol	Carisoprodol-D7	7.715	513462	123763	4.1487	249.3634
Lorazepam	Clonazepam-D4	7.725	87194	12313	7.0812	210.1464
Alprazolam	Alprazolam-D5	7.749	464397	65176	7.1253	258.2780

ISP FORENSICS - Cd'A Instrument # 62340

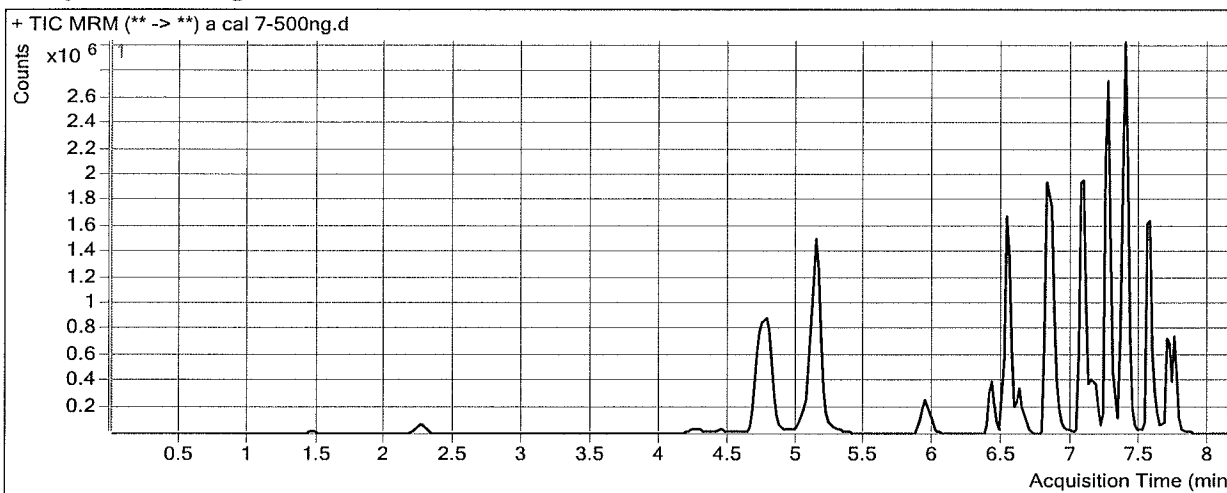
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 2/8/2019 10:28 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:30 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 18:18 **Data File** a cal 7-500ng.d
Sample Type Calibration **Sample Name** a cal 7-500ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-G1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.448	50926	988	51.5682	533.2632
Hydromorphone	Hydromorphone-D6	2.269	243382	15000	16.2256	502.4729
Codeine	Codeine-D6	4.433	41735	1923	21.7052	491.3719
Amphetamine	Amphetamine-D11	4.764	3725899	98275	37.9130	454.8702
Oxycodone	Oxycodone-D6	4.790	691788	60312	11.4701	509.7301
Hydrocodone	Hydrocodone-D6	5.073	415785	48136	8.6378	501.2838
Norhydrocodone	Norhydrocodone-D3	5.117	55041	16442	3.3476	505.4371
Methamphetamine	Methamphetamine-D11	5.142	4262152	303338	14.0508	490.6800
6-MAM	6-MAM-D6	5.269	19597	17742	1.1046	50.6573
Phentermine	Phentermine-D5	5.947	830344	283249	2.9315	481.6006
Dextrorphan	Dextrorphan-D3	6.423	490076	76489	6.4071	505.4311
7-aminoclonazepam	7-Aminoclonazepam-D4	6.514	538271	55953	9.6201	476.0215
Tramadol	Tramadol-13C-D3	6.523	4002558	437242	9.1541	465.7196
Metoprolol	Oxycodone-D6	6.622	494350	60312	8.1965	489.8879
Doxylamine	Doxylamine-D5	6.823	4165103	394130	10.5678	509.8937
Bupropion	Bupropion-D9	7.072	2136691	190961	11.1892	451.9220
Zolpidem	Zolpidem-D6	7.082	2346540	263297	8.9121	484.0085
Meprobamate	Meprobamate-D7	7.174	555193	60539	9.1708	475.7285
Trazodone	Trazodone-D6	7.236	2030679	218632	9.2881	480.4898
Venlafaxine	Venlafaxine-D6	7.267	3855888	343944	11.2108	507.4440
Citalopram	Citalopram-D6	7.358	2286942	207820	11.0044	501.9456
Dextromethorphan	Dextromethorphan-D3	7.389	626378	58045	10.7913	505.9196
Diphenhydramine	Diphenhydramine-D3	7.392	4651364	387869	11.9921	497.9697

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

Placat 7

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.568	3646786	399688	9.1241	496.0335
Clonazepam	Clonazepam-D4	7.604	319420	10244	31.1824	461.1526
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.682	104120	7391	14.0868	572.5765
Carisoprodol	Carisoprodol-D7	7.715	778440	94929	8.2002	492.6827
Lorazepam	Clonazepam-D4	7.725	115658	10244	11.2908	335.9745
Alprazolam	Alprazolam-D5	7.749	759310	56004	13.5581	490.9685



ISP FORENSICS - Cd'A Instrument # 62340

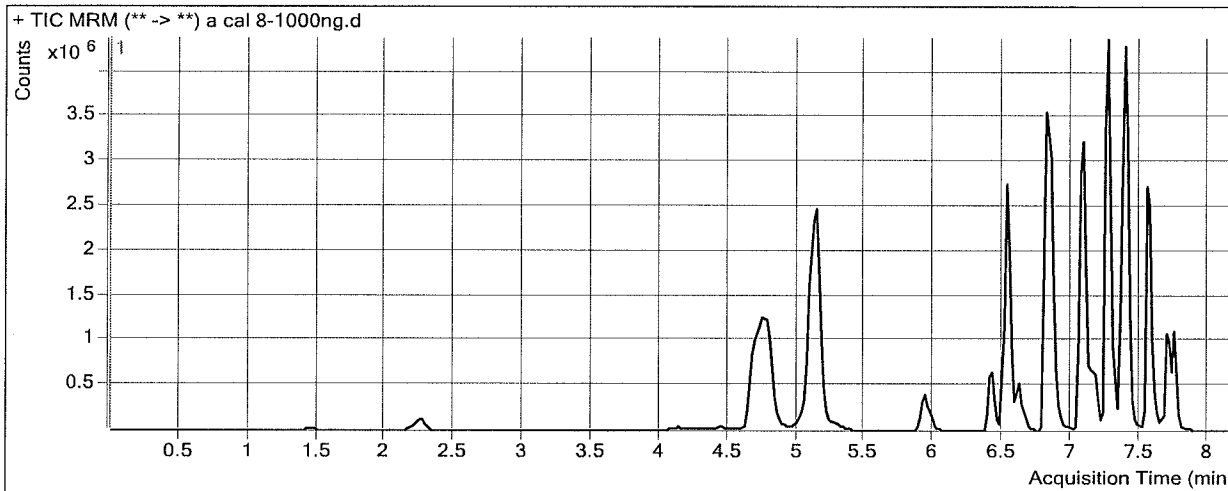
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 2/8/2019 10:28 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:30 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 18:44 **Data File** a cal 8-1000ng.d
Sample Type Calibration **Sample Name** a cal 8-1000ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-H1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.448	95506	869	109.9086	1136.0638
Hydromorphone	Hydromorphone-D6	2.249	459719	13831	33.2388	1028.8778
Codeine	Codeine-D6	4.433	84185	1707	49.3077	1111.9479
Amphetamine	Amphetamine-D11	4.764	6360531	88792	71.6344	860.3305
Oxycodone	Oxycodone-D6	4.770	1350754	59602	22.6627	1006.2372
Hydrocodone	Hydrocodone-D6	5.052	752352	45496	16.5367	959.5190
Norhydrocodone	Norhydrocodone-D3	5.117	98709	13624	7.2454	1084.8746
Methamphetamine	Methamphetamine-D11	5.142	7814300	290322	26.9159	941.7695
6-MAM	6-MAM-D6	5.269	38440	17425	2.2061	100.8424
Phentermine	Phentermine-D5	5.947	1341291	259492	5.1689	854.1172
Dextroprphan	Dextroprphan-D3	6.423	892266	66699	13.3775	1054.6216
7-aminoclonazepam	7-Aminoclonazepam-D4	6.514	803360	46531	17.2650	854.2966
Tramadol	Tramadol-13C-D3	6.523	6878880	423361	16.2483	827.1700
Metoprolol	Oxycodone-D6	6.622	781368	59602	13.1097	783.2055
Doxylamine	Doxylamine-D5	6.823	7637352	390021	19.5819	944.5531
Bupropion	Bupropion-D9	7.072	3315332	153827	21.5523	870.4847
Zolpidem	Zolpidem-D6	7.082	4398042	236348	18.6083	1010.7877
Meprobamate	Meprobamate-D7	7.174	896665	48260	18.5797	963.7629
Trazodone	Trazodone-D6	7.236	3294431	195180	16.8789	872.8644
Venlafaxine	Venlafaxine-D6	7.267	6639704	303666	21.8652	989.4775
Citalopram	Citalopram-D6	7.358	3481852	158295	21.9959	1002.7145
Dextromethorphan	Dextromethorphan-D3	7.389	1002694	46932	21.3647	1000.5792
Diphenhydramine	Diphenhydramine-D3	7.392	7306021	298758	24.4547	1014.4297

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

Placal 8

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.548	6110585	332262	18.3909	999.4137
Clonazepam	Clonazepam-D4	7.604	446437	7071	63.1358	933.8287
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.682	161808	7035	23.0012	934.6556
Carisoprodol	Carisoprodol-D7	7.695	1176713	70092	16.7882	1008.4507
Lorazepam	Clonazepam-D4	7.725	175395	7071	24.8047	739.9194
Alprazolam	Alprazolam-D5	7.749	1222258	43877	27.8563	1008.1760



ISP FORENSICS - Cd'A Instrument # 62340

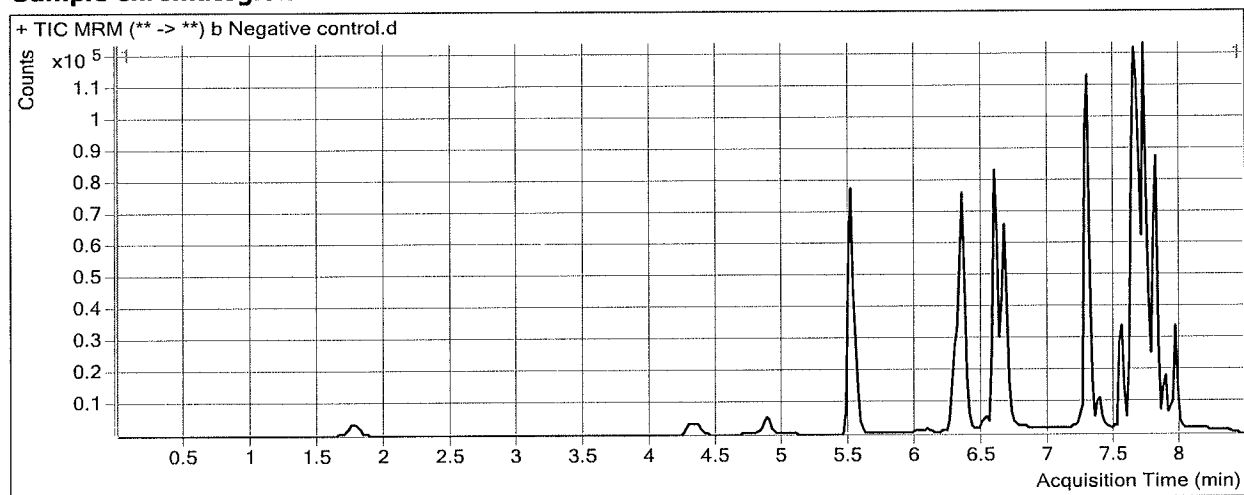
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 2/8/2019 10:30 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:36 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:30 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 19:34 **Data File** b Negative control.d
Sample Type Sample **Sample Name** b Negative control *amn12518*
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-E2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1, negative

Sample Chromatogram



ISP FORENSICS - Cd'A Instrument # 62340

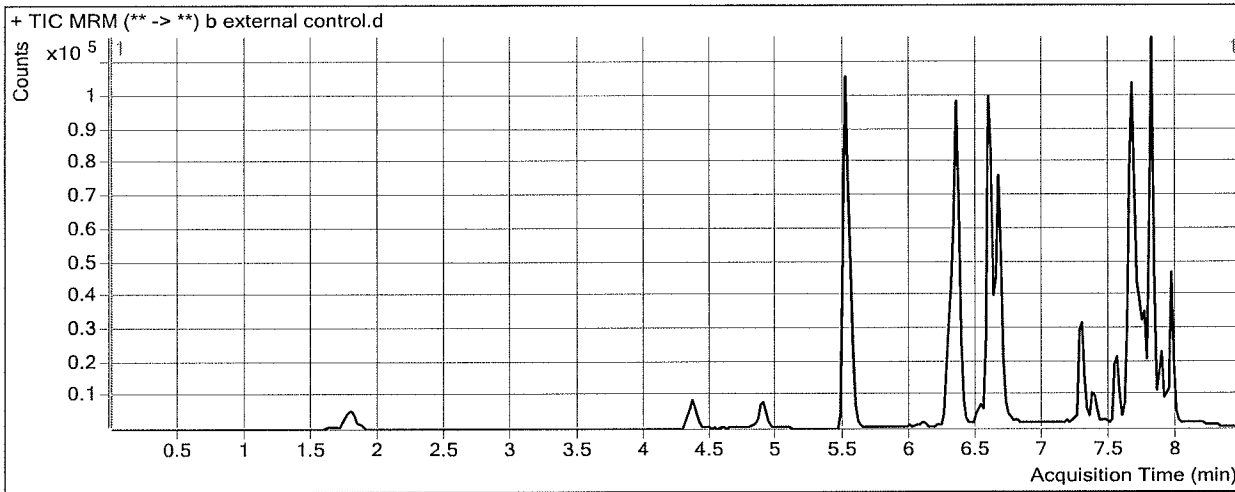
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 2/8/2019 10:30 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:36 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:30 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 20:00 **Data File** b external control.d
Sample Type Sample **Sample Name** b external control
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-F2 **Sample Info**
Inj Vol -1 **Comment** AM 28: external control p1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Methadone	Methadone-D9	7.661	67284	106811	0.6299	39.3657
Sertraline	Sertraline-D3	7.785	12742	12579	1.0130	40.0787

ISP FORENSICS - Cd'A Instrument # 62340

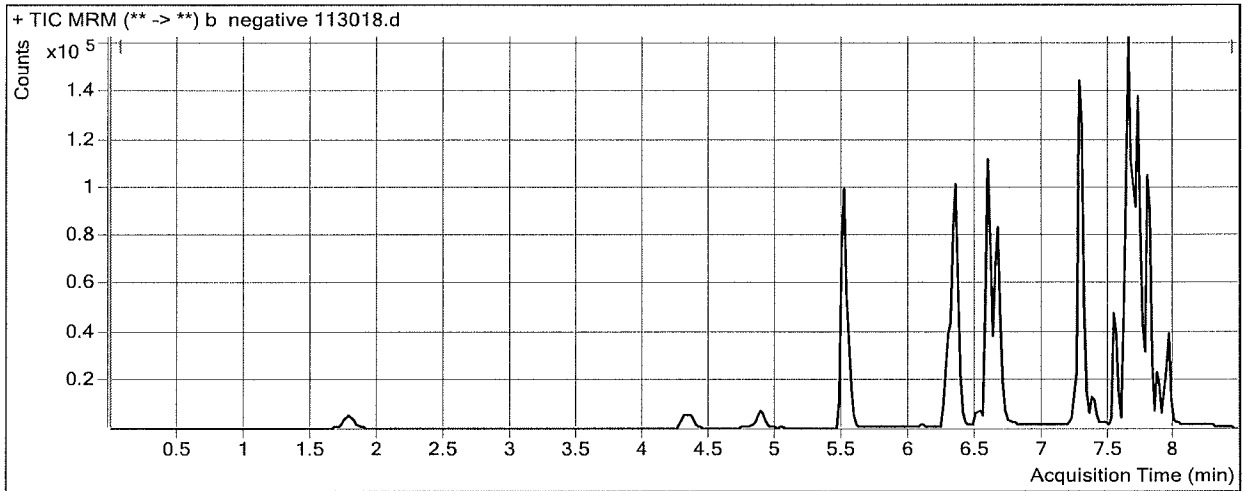
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 2/8/2019 10:30 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:36 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:30 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 23:10 **Data File** b negative 113018.d
Sample Type Sample **Sample Name** b negative 113018 bow113018
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-H3 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



ISP FORENSICS - Cd'A Instrument # 62340

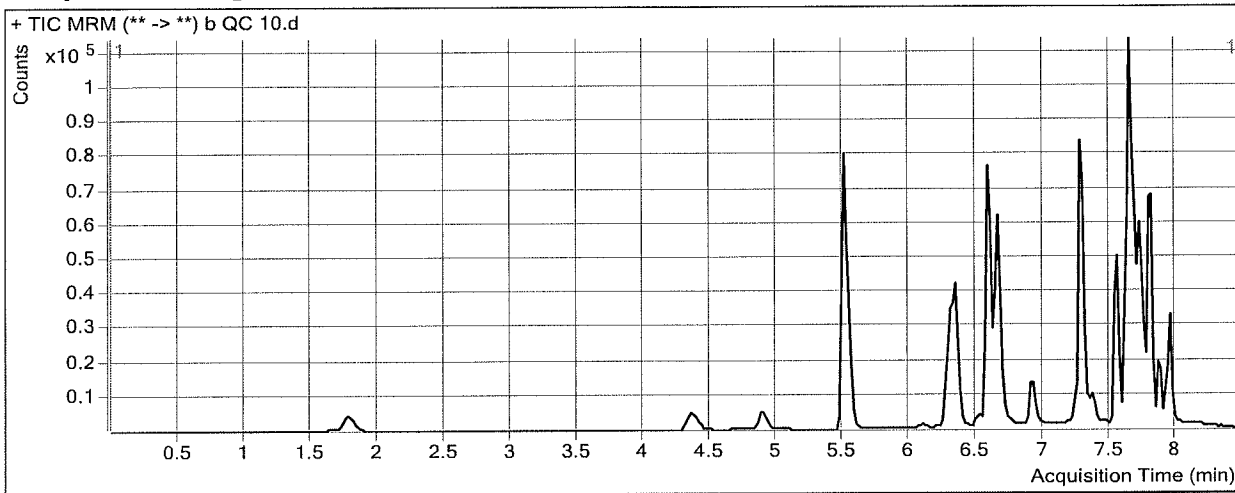
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 2/8/2019 10:30 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:36 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:30 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 20:25 **Data File** b QC 10.d
Sample Type QC **Sample Name** b QC 10
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-A2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.788	4463	20936	0.2132	10.0708
Dihydrocodeine	Dihydrocodeine-D6	4.411	4503	21445	0.2100	8.8079 Not evaluated
Noroxycodone	Noroxycodone-D3	4.914	3916	19150	0.2045	9.6774
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.519	47425	203882	0.2326	10.1046
Benzoylcegonine	Benzoylcegonine-d8	6.113	331	2115	0.1566	14.6061 * A
Ketamine	Ketamine-D4	6.300	19062	80005	0.2383	9.6049
Norfentanyl	Norfentanyl-D5	6.363	2102	103193	0.0204	1.4525
Cocaine	Cocaine-d3	6.572	32337	203890	0.1586	10.0666
alpha-PVP	alpha-PVP-d8	6.667	30736	142861	0.2151	10.2250
Mirtazapine	alpha-PVP-d8	6.919	27716	142861	0.1940	10.2905
Norbuprenorphine	Norbuprenorphine-D3	7.233	386	8326	0.0463	1.1032 * A
Fentanyl	Fentanyl-D5	7.277	3677	223202	0.0165	0.9603
Mitragynine	Quetiapine-D8	7.334	7559	64949	0.1164	9.2404
EDDP	EDDP-D3	7.366	1794	11030	0.1627	8.4001
Quetiapine	Quetiapine-D8	7.537	47672	64949	0.7340	10.3323
Cyclobenzaprine	Cyclobenzaprine-D3	7.630	15874	77444	0.2050	9.5010
Buprenorphine	Buprenorphine-D4	7.614	1195	42005	0.0284	1.3465
Methadone	Methadone-D9	7.641	28116	173468	0.1621	10.4633
Fluoxetine	Fluoxetine-D6	7.703	23185	106419	0.2179	10.1482
Oxazepam	Oxazepam-D5	7.748	12861	47813	0.2690	9.8380
Sertraline	Sertraline-D3	7.785	5164	21395	0.2414	10.2959
Temazepam	Temazepam-D5	7.806	24405	131847	0.1851	9.2609
Nordiazepam	Nordiazepam-D5	7.894	10333	28253	0.3657	9.8388



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

P16 Qc10

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.949	13068	50233	0.2602	10.9937



ISP FORENSICS - Cd'A Instrument # 62340

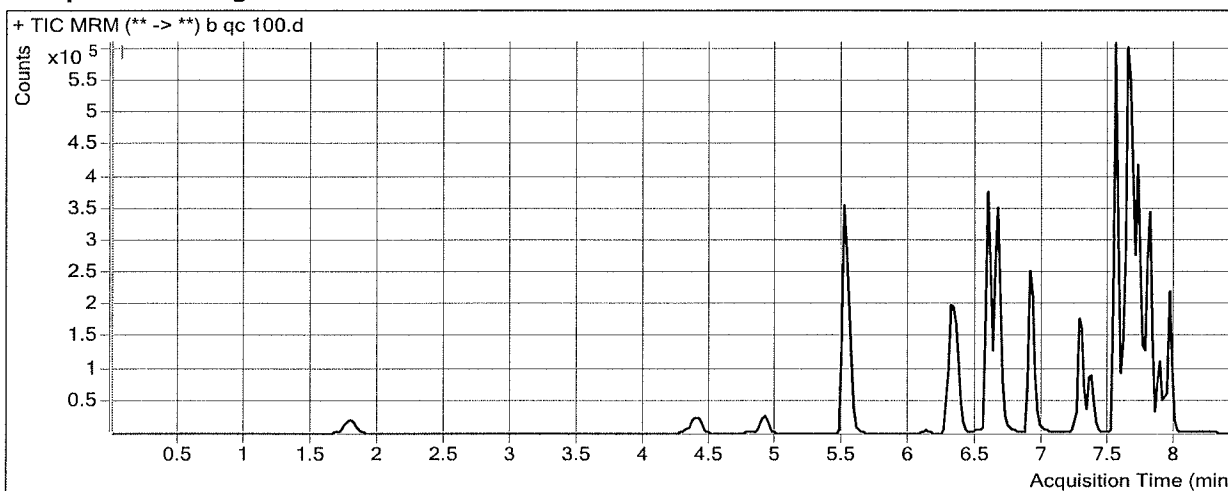
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin	Analyst Name	ISP Tox
Analysis Time	2/8/2019 10:30 AM	Reporter Name	ISP Tox
Report Time	2/8/2019 10:36 AM	Batch State	Processed
Last Calib Update	2/8/2019 10:30 AM		

Analysis Info

Acq Time	2019-02-06 23:35	Data File	b qc 100.d
Sample Type	QC	Sample Name	b qc 100
Dilution	1	Acq Method	b1 mdq 618.m
Position	P2-B2	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.808	73566	32958	2.2321	101.7501
Dihydrocodeine	Dihydrocodeine-D6	4.391	82715	37087	2.2303	68.9823 not evaluated
Noroxycodone	Noroxycodone-D3	4.914	69123	31008	2.2292	97.7222
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.519	808994	342734	2.3604	101.0554
Benzoylcegonine	Benzoylcegonine-d8	6.113	6838	3095	2.2094	139.6167
Ketamine	Ketamine-D4	6.300	360346	137407	2.6225	106.7256
Norfentanyl	Norfentanyl-D5	6.363	69850	316697	0.2206	9.8360
Cocaine	Cocaine-d3	6.572	595745	368509	1.6166	98.5047
alpha-PVP	alpha-PVP-d8	6.667	614467	263081	2.3357	106.7084
Mirtazapine	alpha-PVP-d8	6.899	530689	263081	2.0172	104.3939
Norbuprenorphine	Norbuprenorphine-D3	7.233	3274	15187	0.2156	9.0654
Fentanyl	Fentanyl-D5	7.277	76068	405059	0.1878	9.7732
Mitragynine	Quetiapine-D8	7.334	143515	126850	1.1314	88.3547
EDDP	EDDP-D3	7.366	54944	27462	2.0007	89.9140
Quetiapine	Quetiapine-D8	7.537	836080	126850	6.5911	97.5090
Cyclobenzaprine	Cyclobenzaprine-D3	7.630	289163	128240	2.2549	98.7926
Buprenorphine	Buprenorphine-D4	7.634	18068	68777	0.2627	12.3721
Methadone	Methadone-D9	7.661	582881	326755	1.7839	110.6505
Fluoxetine	Fluoxetine-D6	7.703	594805	276648	2.1500	96.5862
Oxazepam	Oxazepam-D5	7.748	117278	46502	2.5220	90.6529
Sertraline	Sertraline-D3	7.785	126236	47307	2.6684	103.9792
Temazepam	Temazepam-D5	7.806	395149	197604	1.9997	94.3821
Nordiazepam	Nordiazepam-D5	7.894	145588	42265	3.4446	93.0705

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

p1 b qc 100

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.949	234722	88547	2.6508	102.3145

[Signature]

ISP FORENSICS - Cd'A Instrument # 62340

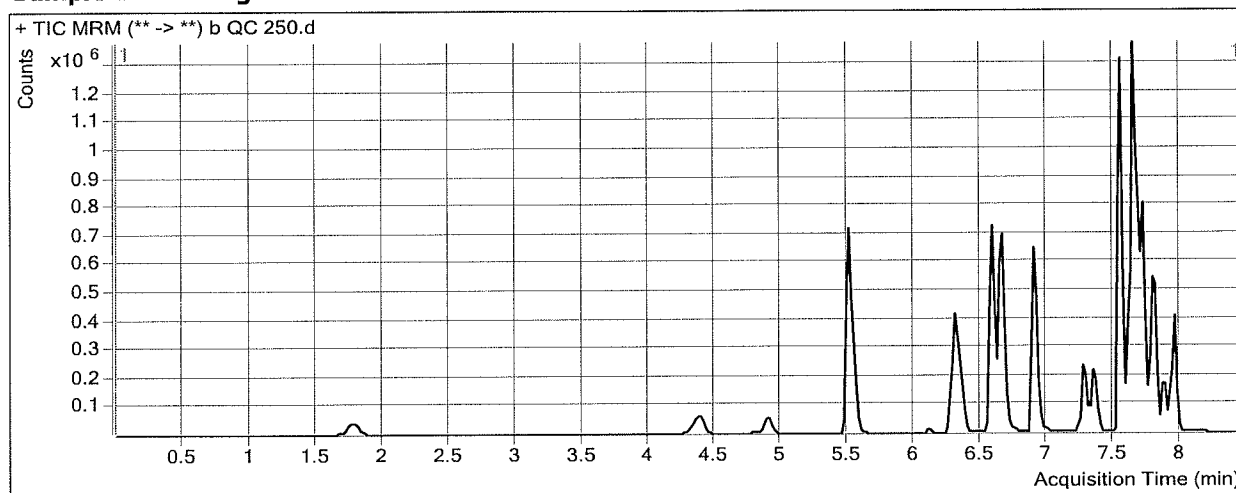
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 2/8/2019 10:30 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:36 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:30 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-07 00:01 **Data File** b QC 250.d
Sample Type QC **Sample Name** b QC 250
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-C2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.808	174395	30966	5.6319	256.1292
Dihydrocodeine	Dihydrocodeine-D6	4.391	204816	36877	5.5540	167.9770 not calculated
Noroxycodone	Noroxycodone-D3	4.914	157954	28055	5.6302	245.6122
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.519	1961272	334887	5.8565	250.4935
Benzoylcegonine	Benzoylcegonine-d8	6.113	19897	3023	6.5808	405.8183
Ketamine	Ketamine-D4	6.300	855079	141370	6.0485	246.2848
Norfentanyl	Norfentanyl-D5	6.363	180336	316848	0.5692	24.4346
Cocaine	Cocaine-d3	6.572	1425648	348954	4.0855	248.2545
alpha-PVP	alpha-PVP-d8	6.667	1441398	259837	5.5473	252.8393
Mirtazapine	alpha-PVP-d8	6.899	1314296	259837	5.0582	261.3505
Norbuprenorphine	Norbuprenorphine-D3	7.233	7808	13507	0.5781	26.1140
Fentanyl	Fentanyl-D5	7.277	180290	366232	0.4923	25.4363
Mitragynine	Quetiapine-D8	7.334	354225	117267	3.0207	235.6164
EDDP	EDDP-D3	7.366	146983	27789	5.2893	235.7544
Quetiapine	Quetiapine-D8	7.537	2180751	117267	18.5964	276.1960
Cyclobenzaprine	Cyclobenzaprine-D3	7.630	770714	141500	5.4467	237.8287
Buprenorphine	Buprenorphine-D4	7.614	38499	73753	0.5220	24.5759
Methadone	Methadone-D9	7.641	1392266	316560	4.3981	272.1500
Fluoxetine	Fluoxetine-D6	7.703	1472702	274531	5.3644	240.3858
Oxazepam	Oxazepam-D5	7.748	183073	24256	7.5474	270.9160
Sertraline	Sertraline-D3	7.785	284257	43454	6.5416	253.4812
Temazepam	Temazepam-D5	7.806	792754	152799	5.1882	243.9519
Nordiazepam	Nordiazepam-D5	7.894	278175	29982	9.2782	250.7686

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

P16 QC 250

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.949	527378	83241	6.3355	243.0660



ISP FORENSICS - Cd'A Instrument # 62340

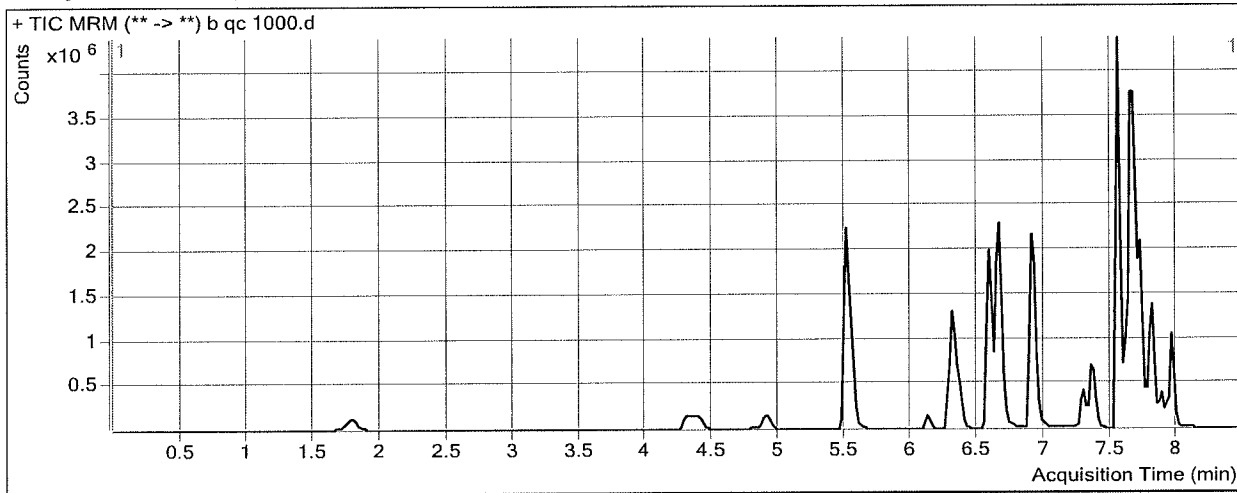
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 2/8/2019 10:30 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:36 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:30 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-07 00:26 **Data File** b qc 1000.d
Sample Type QC **Sample Name** b qc 1000
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-D2 **Sample Info**
Inj Vol -l **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.788	564446	25089	22.4975	1021.9795
Dihydrocodeine	Dihydrocodeine-D6	4.331	769077	37335	20.5995	<i>A-616-0997-not evaluated</i>
Noroxycodone	Noroxycodone-D3	4.894	495561	22642	21.8871	952.5410
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.519	7227144	312218	23.1477	989.5912
Benzoylcegonine	Benzoylcegonine-d8	6.113	183607	3626	50.6324	<i>A-3088-3875-outside curve range</i>
Ketamine	Ketamine-D4	6.300	3183004	136726	23.2801	948.2122
Norfentanyl	Norfentanyl-D5	6.363	731267	302541	2.4171	101.8222
Cocaine	Cocaine-d3	6.572	4661804	289832	16.0845	976.0604
alpha-PVP	alpha-PVP-d8	6.667	5536135	241862	22.8897	1041.9165
Mirtazapine	alpha-PVP-d8	6.899	4791572	241862	19.8112	1022.8178
Norbuprenorphine	Norbuprenorphine-D3	7.233	21908	11073	1.9785	91.9871
Fentanyl	Fentanyl-D5	7.277	584249	293081	1.9935	102.6583
Mitragynine	Quetiapine-D8	7.334	1079797	112030	9.6384	751.4451
EDDP	EDDP-D3	7.366	587525	30640	19.1751	851.5591
Quetiapine	Quetiapine-D8	7.537	6623766	112030	59.1248	879.4212
Cyclobenzaprine	Cyclobenzaprine-D3	7.630	2340135	106801	21.9111	955.0016
Buprenorphine	Buprenorphine-D4	7.614	112308	48700	2.3061	108.5446
Methadone	Methadone-D9	7.661	5096371	294251	17.3198	1070.4077
Fluoxetine	Fluoxetine-D6	7.703	3934643	197616	19.9106	891.1238
Oxazepam	Oxazepam-D5	7.748	247887	9267	26.7481	959.6444
Sertraline	Sertraline-D3	7.785	855110	31389	27.2422	1052.5071
Temazepam	Temazepam-D5	7.806	2091220	96842	21.5941	1013.5364
Nordiazepam	Nordiazepam-D5	7.894	641085	18469	34.7113	938.2990

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

PI 6 GC1000

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.949	1605396	62443	25.7098	983.1428



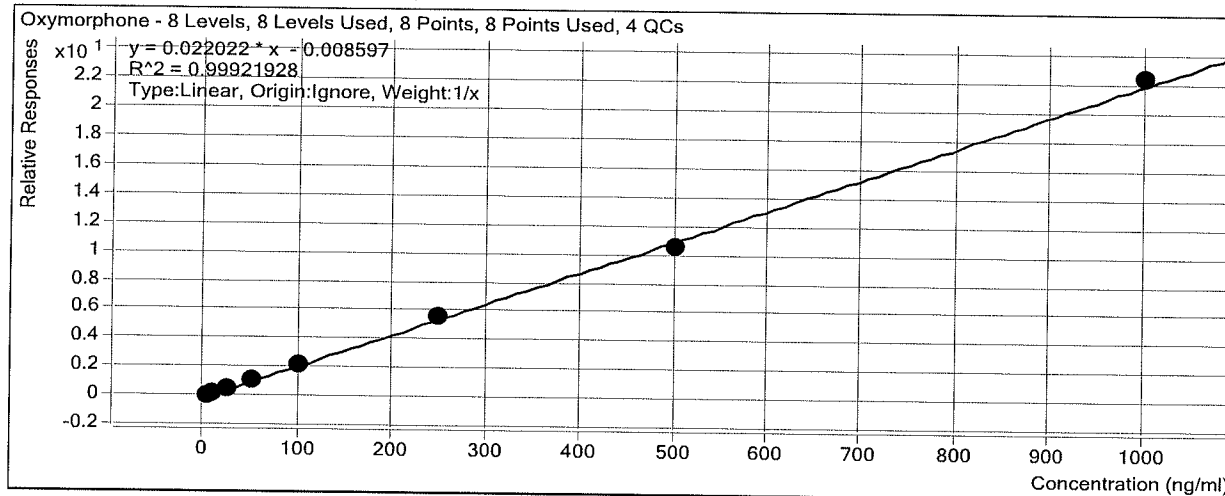
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name ISP TOX

Target Compound Oxymorphone
Internal Standard Oxymorphone-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.6
b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.0	100.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.8	98.8
b qc 100	5	<input checked="" type="checkbox"/>	100	101.8	101.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.7	102.3
b QC 250	6	<input checked="" type="checkbox"/>	250	256.1	102.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	478.6	95.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1017.3	101.7
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1022.0	102.2

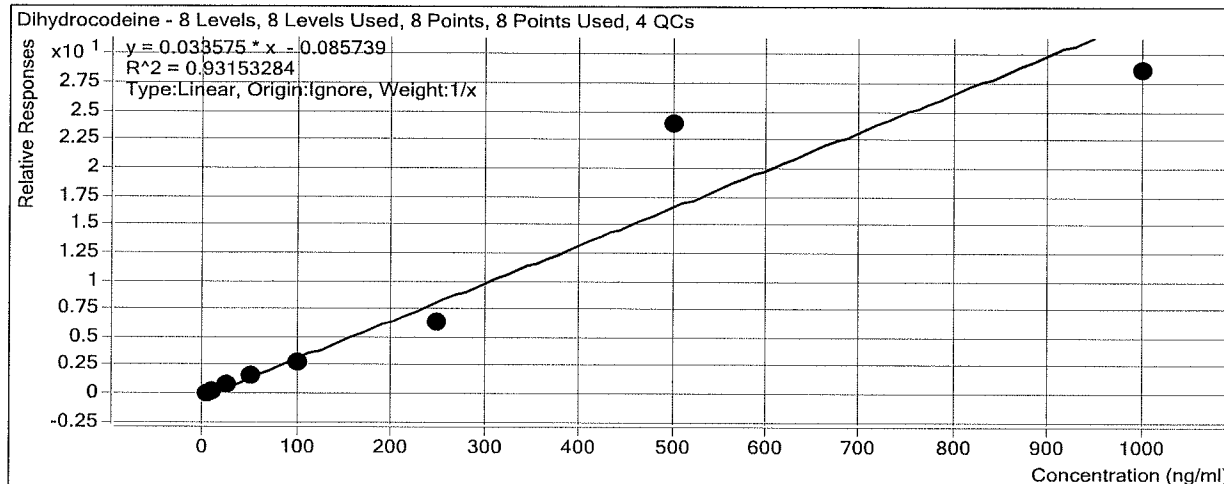
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name ISP TOX

Target Compound Dihydrocodeine
Internal Standard Dihydrocodeine-D6



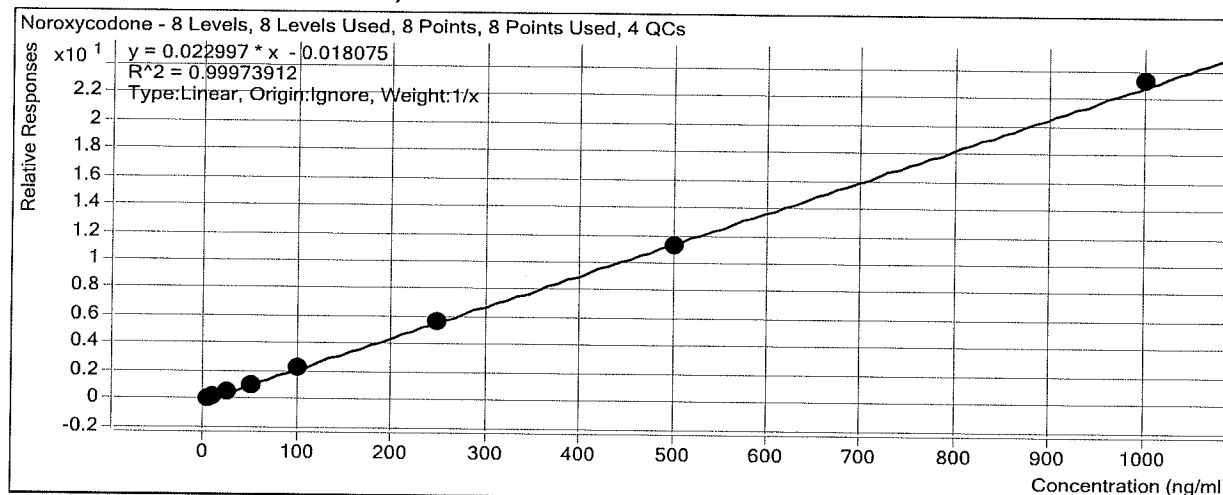
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.8	115.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	91.1
b QC 10	2	<input checked="" type="checkbox"/>	10	8.8	88.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.3	106.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	85.0	85.0
b qc 100	5	<input checked="" type="checkbox"/>	100	69.0	69.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	192.5	77.0
b QC 250	6	<input checked="" type="checkbox"/>	250	168.0	67.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	715.7	143.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	854.5	85.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	616.1	61.6

Not evaluated

ISP Forensics Calibration Curve Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Last Calib Update 2/8/2019 10:30 AM **Analyst Name** ISP TOX

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

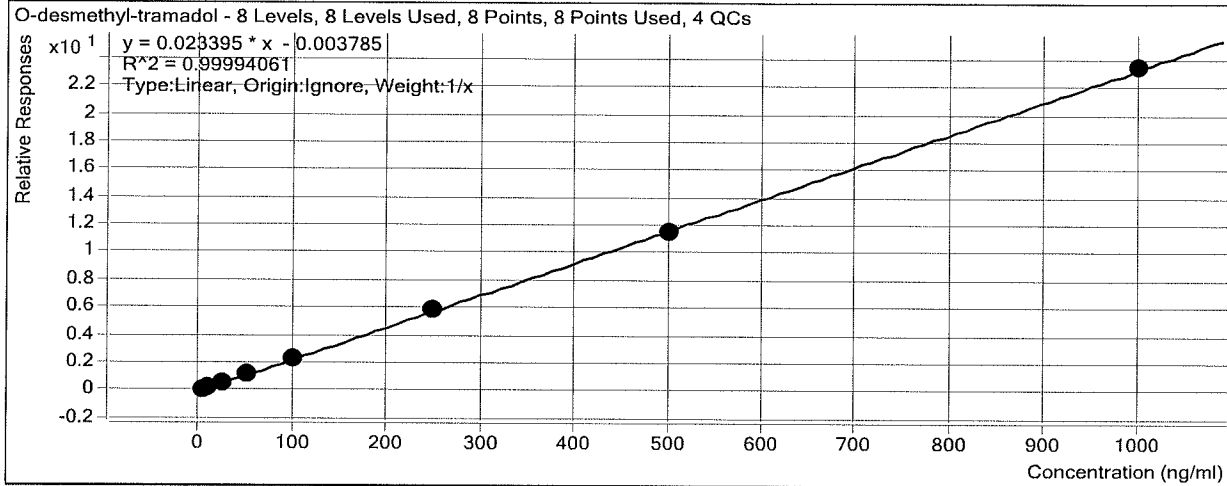


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	108.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.4
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	96.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.7	95.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.7	98.7
b qc 100	5	<input checked="" type="checkbox"/>	100	97.7	97.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.1	98.4
b QC 250	6	<input checked="" type="checkbox"/>	250	245.6	98.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.9	99.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1012.8	101.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	952.5	95.3

ISP Forensics Calibration Curve Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Last Calib Update 2/8/2019 10:30 AM **Analyst Name** ISP TOX

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

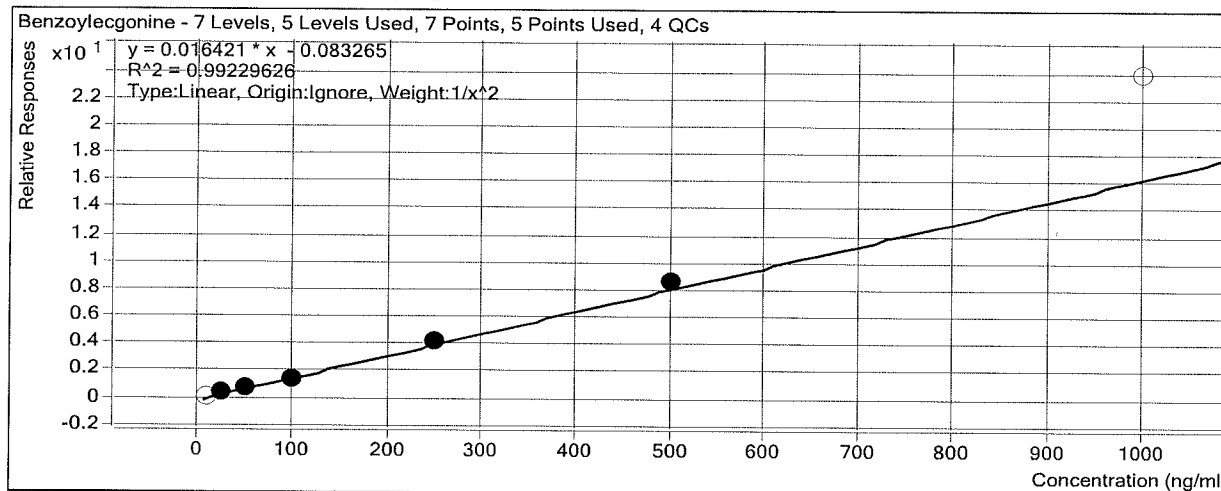


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.5
b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.1	100.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.3	101.3
b qc 100	5	<input checked="" type="checkbox"/>	100	101.1	101.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.8	101.1
b QC 250	6	<input checked="" type="checkbox"/>	250	250.5	100.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.0	99.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1000.9	100.1
b qc 1000	8	<input checked="" type="checkbox"/>	1000	989.6	99.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Last Calib Update 2/8/2019 10:30 AM **Analyst Name** ISP TOX

Target Compound Benzoylecgonine
Internal Standard Benzoylecgonine-d8

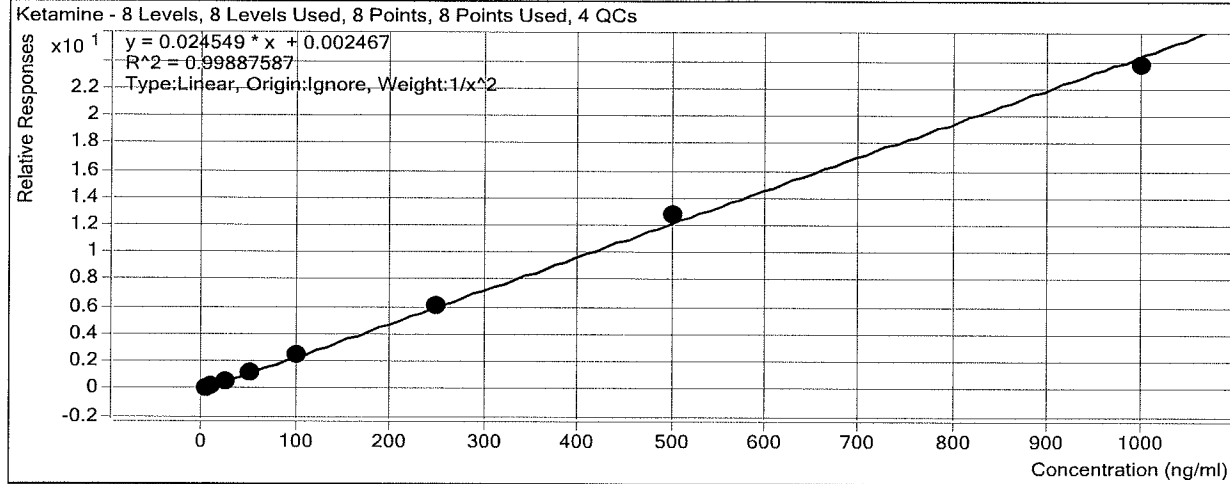


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	5	0.0	0.0
b cal 2-10ng	2	<input type="checkbox"/>	10	14.5	145.5
b QC 10	2	<input type="checkbox"/>	10	14.6	146.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.7	93.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	92.3	92.3
b qc 100	5	<input checked="" type="checkbox"/>	100	139.6	139.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	257.4	103.0
b QC 250	6	<input checked="" type="checkbox"/>	250	405.8	162.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	533.6	106.7
b cal 8-1000ng	8	<input type="checkbox"/>	1000	1458.1	145.8
b qc 1000	8	<input type="checkbox"/>	1000	3088.4	308.8

ISP Forensics Calibration Curve Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Last Calib Update 2/8/2019 10:30 AM **Analyst Name** ISP TOX

Target Compound Ketamine
Internal Standard Ketamine-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.7
b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.8	97.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.4	103.4
b qc 100	5	<input checked="" type="checkbox"/>	100	106.7	106.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.6	100.7
b QC 250	6	<input checked="" type="checkbox"/>	250	246.3	98.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	521.6	104.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	966.1	96.6
b qc 1000	8	<input checked="" type="checkbox"/>	1000	948.2	94.8

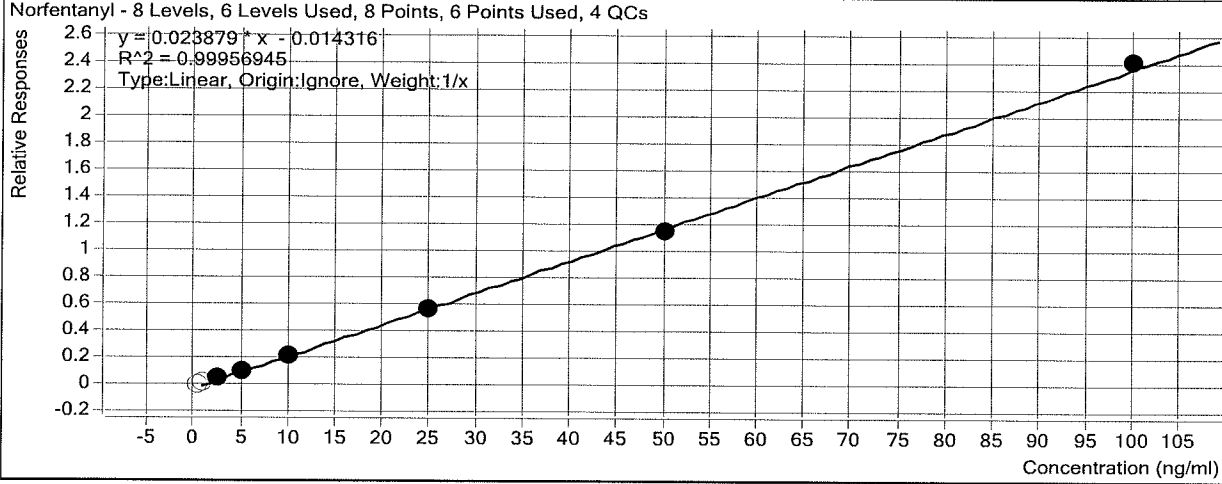
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	1.0	205.9
b cal 2-10ng	2	<input type="checkbox"/>	1	1.5	147.1
b QC 10	2	<input type="checkbox"/>	1	1.5	145.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.6	105.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.9	98.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.8	98.1
b qc 100	5	<input checked="" type="checkbox"/>	10	9.8	98.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.4	97.7
b QC 250	6	<input checked="" type="checkbox"/>	25	24.4	97.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.2	98.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	101.5	101.5
b qc 1000	8	<input checked="" type="checkbox"/>	100	101.8	101.8

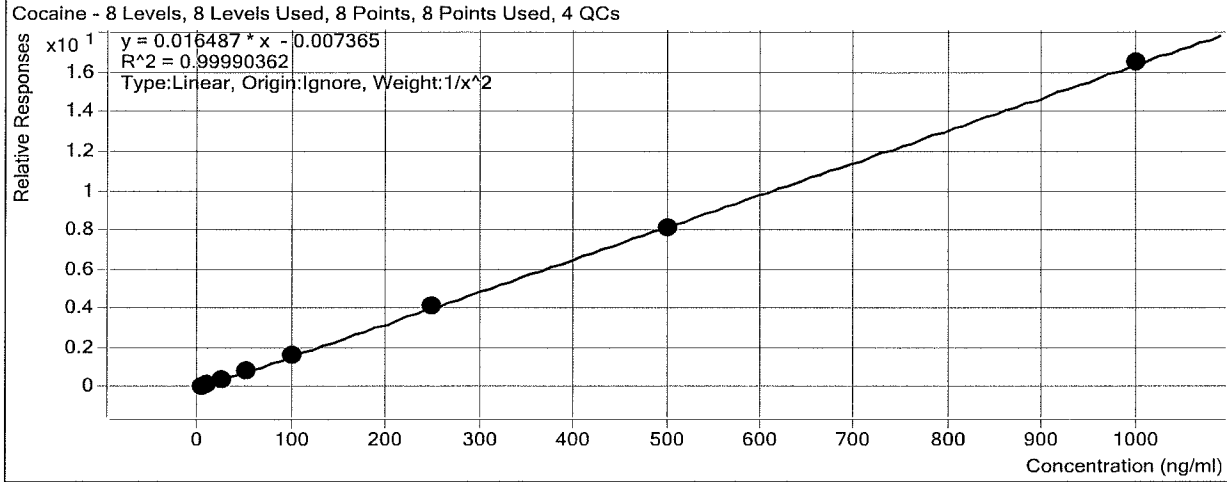
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name ISP TOX

Target Compound Cocaine
Internal Standard Cocaine-d3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.8
b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.1	100.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.4	100.4
b qc 100	5	<input checked="" type="checkbox"/>	100	98.5	98.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.6	99.4
b QC 250	6	<input checked="" type="checkbox"/>	250	248.3	99.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	492.7	98.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1002.1	100.2
b qc 1000	8	<input checked="" type="checkbox"/>	1000	976.1	97.6

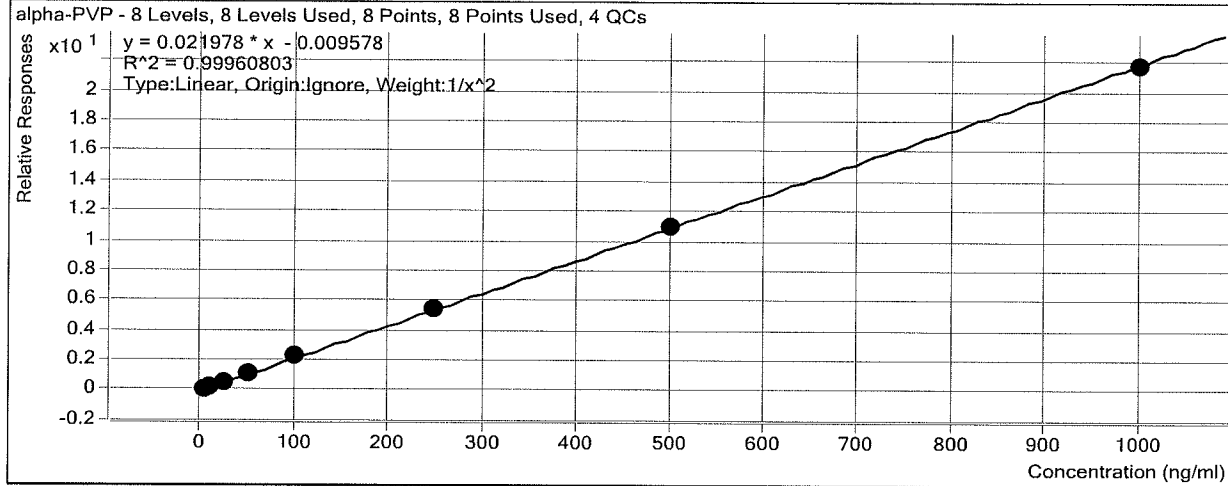
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.2
b QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.0	100.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.0	102.0
b qc 100	5	<input checked="" type="checkbox"/>	100	106.7	106.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.9	98.8
b QC 250	6	<input checked="" type="checkbox"/>	250	252.8	101.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.1	99.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	988.0	98.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1041.9	104.2

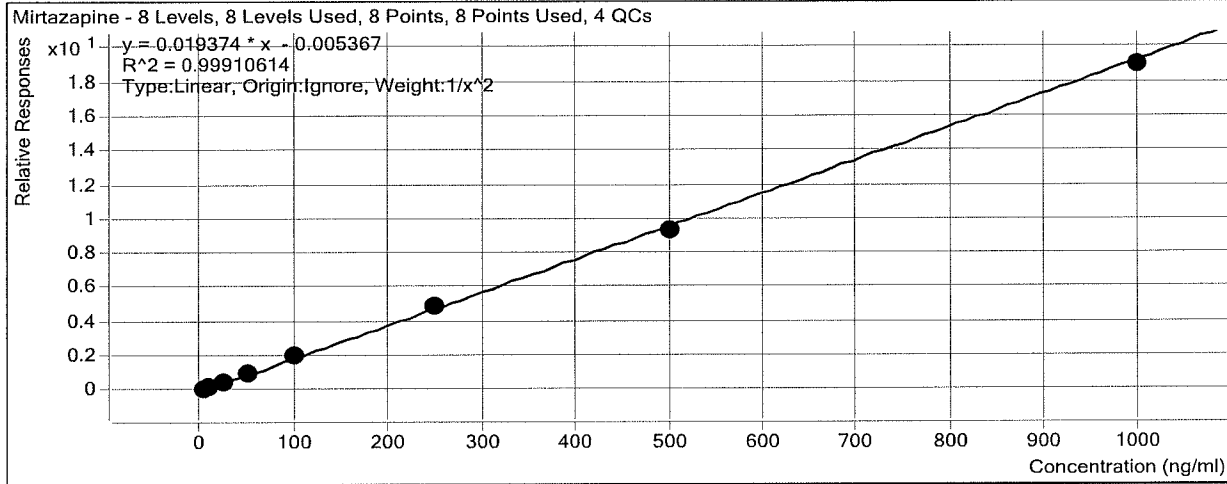
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.7
b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.2	104.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.1	100.1
b qc 100	5	<input checked="" type="checkbox"/>	100	104.4	104.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.5	100.6
b QC 250	6	<input checked="" type="checkbox"/>	250	261.4	104.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	482.3	96.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	978.7	97.9
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1022.8	102.3

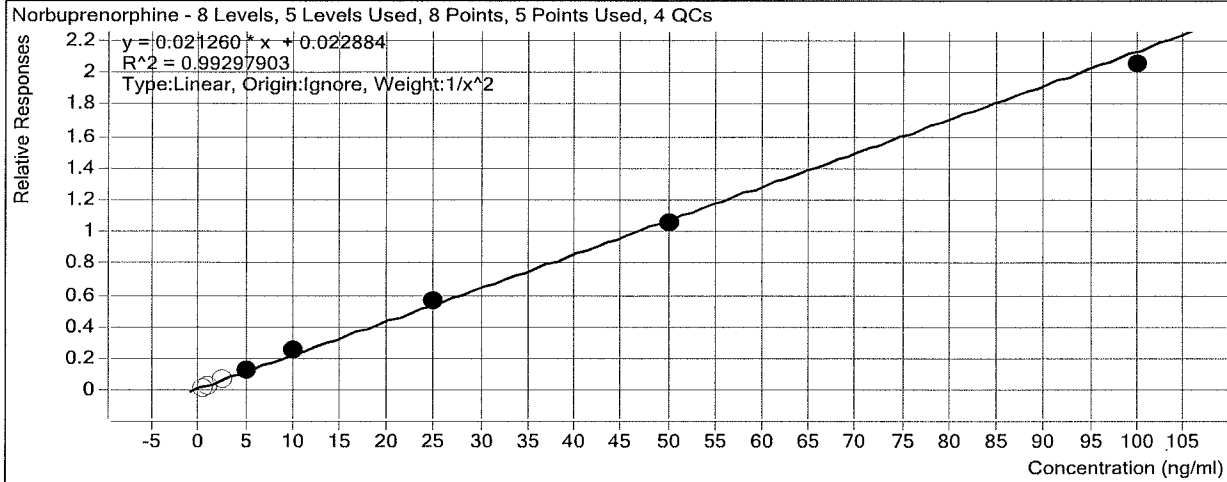
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name ISP TOX

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

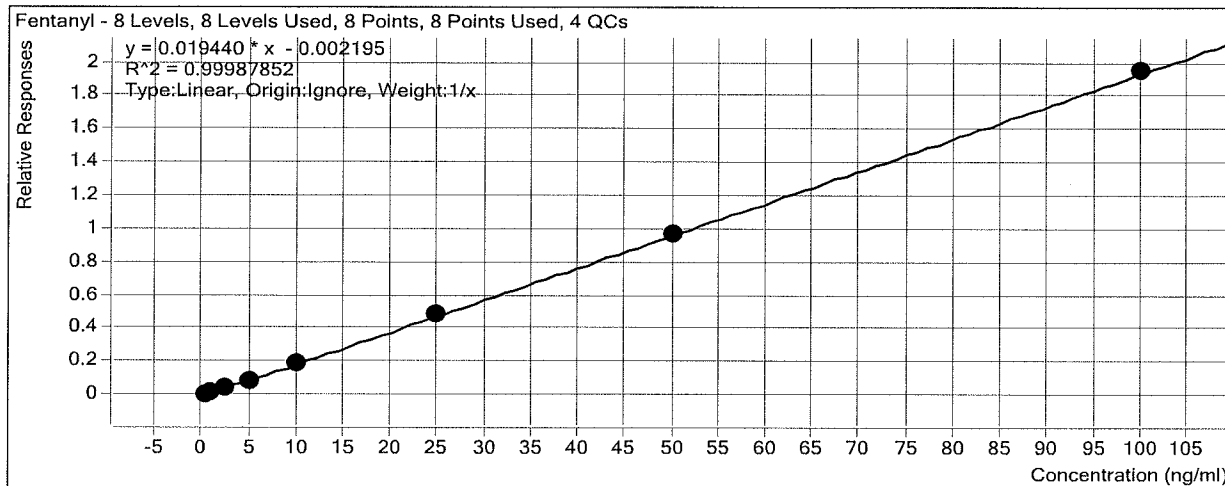


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	0.0	0.0
b cal 2-10ng	2	<input type="checkbox"/>	1	0.7	66.3
b QC 10	2	<input type="checkbox"/>	1	1.1	110.3
b cal 3-25ng	3	<input type="checkbox"/>	2.5	2.5	99.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	94.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	11.1	110.8
b qc 100	5	<input checked="" type="checkbox"/>	10	9.1	90.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.2	100.9
b QC 250	6	<input checked="" type="checkbox"/>	25	26.1	104.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	48.9	97.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	95.6	95.6
b qc 1000	8	<input checked="" type="checkbox"/>	100	92.0	92.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Last Calib Update 2/8/2019 10:30 AM **Analyst Name** ISP TOX

Target Compound Fentanyl
Internal Standard Fentanyl-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	108.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	98.9
b QC 10	2	<input checked="" type="checkbox"/>	1	1.0	96.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	98.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	94.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.9	99.4
b qc 100	5	<input checked="" type="checkbox"/>	10	9.8	97.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.0	99.9
b QC 250	6	<input checked="" type="checkbox"/>	25	25.4	101.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	50.0	100.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	100.4	100.4
b qc 1000	8	<input checked="" type="checkbox"/>	100	102.7	102.7

ISP Forensics Calibration Curve Report

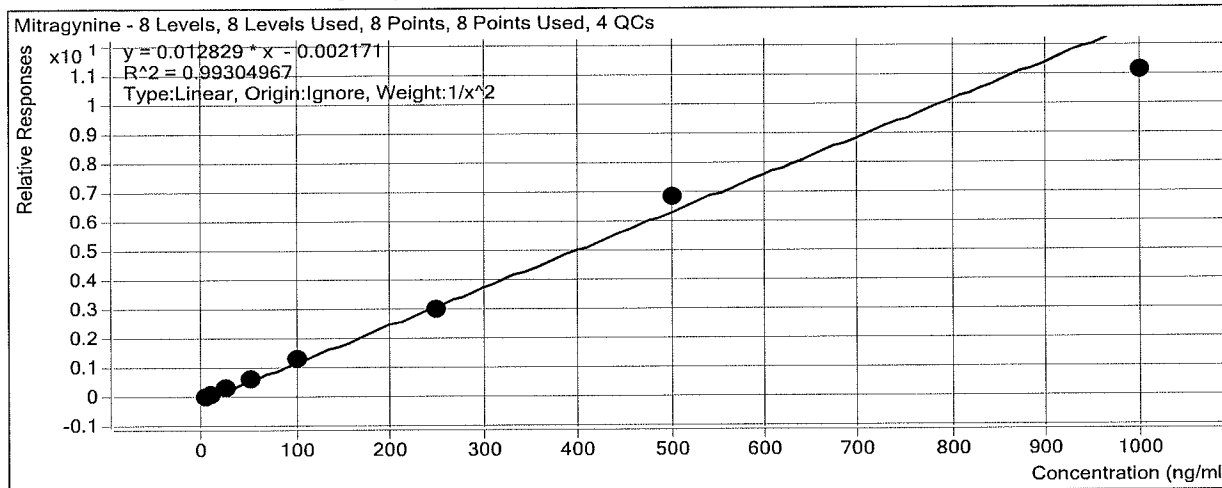
Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.6
b QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.7	106.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.2	104.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.5	105.5
b qc 100	5	<input checked="" type="checkbox"/>	100	88.4	88.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	234.8	93.9
b QC 250	6	<input checked="" type="checkbox"/>	250	235.6	94.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	533.3	106.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	868.8	86.9
b qc 1000	8	<input checked="" type="checkbox"/>	1000	751.4	75.1

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name

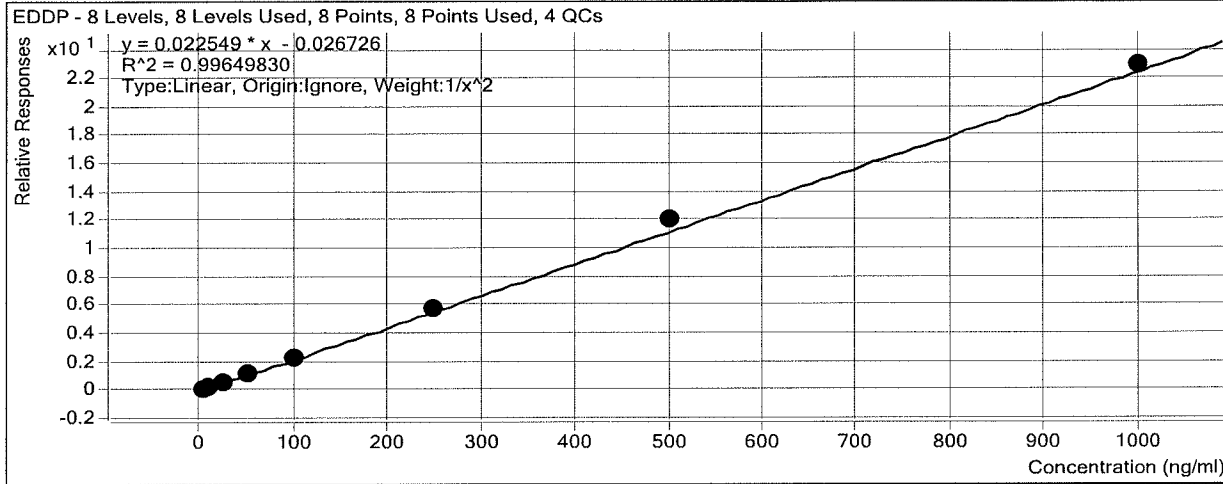
ISP TOX

Target Compound

EDDP

Internal Standard

EDDP-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.2
b QC 10	2	<input checked="" type="checkbox"/>	10	8.4	84.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.8	91.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.5	98.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.5	101.5
b qc 100	5	<input checked="" type="checkbox"/>	100	89.9	89.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.4	101.0
b QC 250	6	<input checked="" type="checkbox"/>	250	235.8	94.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	534.1	106.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1017.3	101.7
b qc 1000	8	<input checked="" type="checkbox"/>	1000	851.6	85.2

ISP Forensics Calibration Curve Report

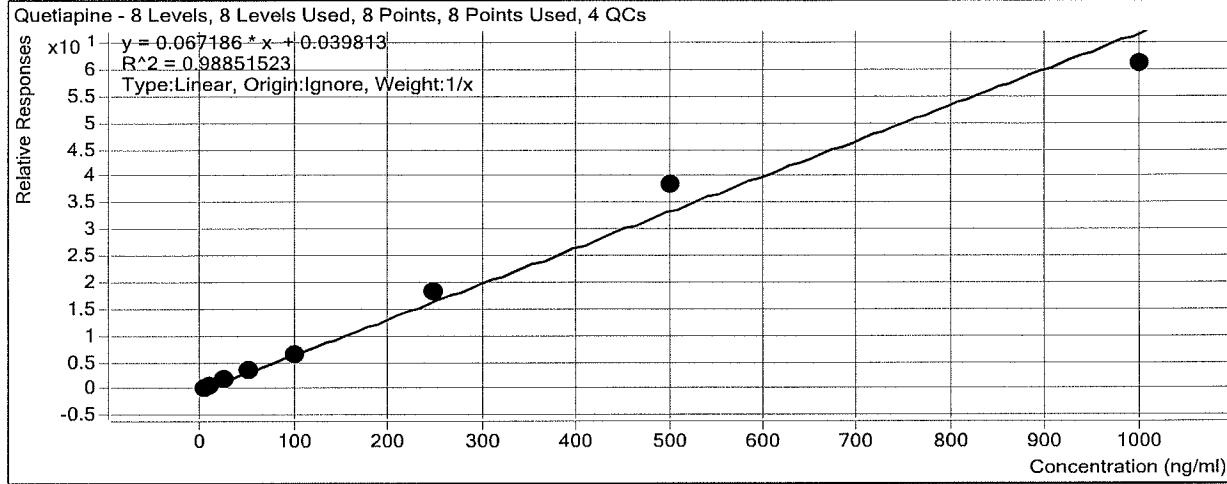
Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.4	88.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.4
b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	103.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.2	106.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.2	97.2
b qc 100	5	<input checked="" type="checkbox"/>	100	97.5	97.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	269.7	107.9
b QC 250	6	<input checked="" type="checkbox"/>	250	276.2	110.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	571.8	114.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	908.9	90.9
b qc 1000	8	<input checked="" type="checkbox"/>	1000	879.4	87.9

ISP Forensics Calibration Curve Report

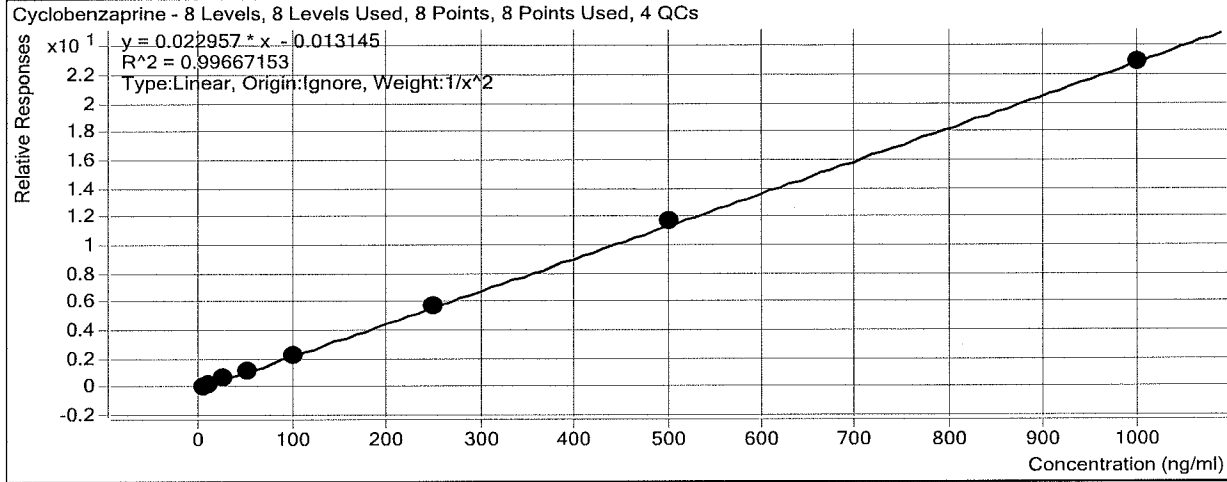
Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	90.8
b QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.0	108.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.4	98.4
b qc 100	5	<input checked="" type="checkbox"/>	100	98.8	98.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	247.8	99.1
b QC 250	6	<input checked="" type="checkbox"/>	250	237.8	95.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	514.2	102.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	996.4	99.6
b qc 1000	8	<input checked="" type="checkbox"/>	1000	955.0	95.5

ISP Forensics Calibration Curve Report

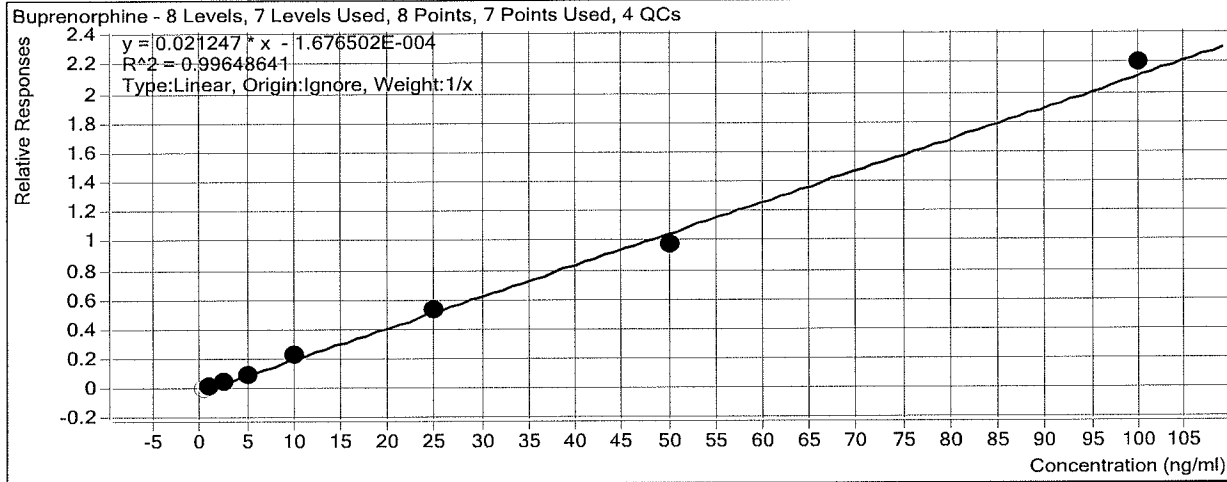
Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	0.5	99.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.1	109.6
b QC 10	2	<input checked="" type="checkbox"/>	1	1.3	134.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	95.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.6	91.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.7	107.2
b qc 100	5	<input checked="" type="checkbox"/>	10	12.4	123.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.3	101.3
b QC 250	6	<input checked="" type="checkbox"/>	25	24.6	98.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	45.8	91.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	103.6	103.6
b qc 1000	8	<input checked="" type="checkbox"/>	100	108.5	108.5

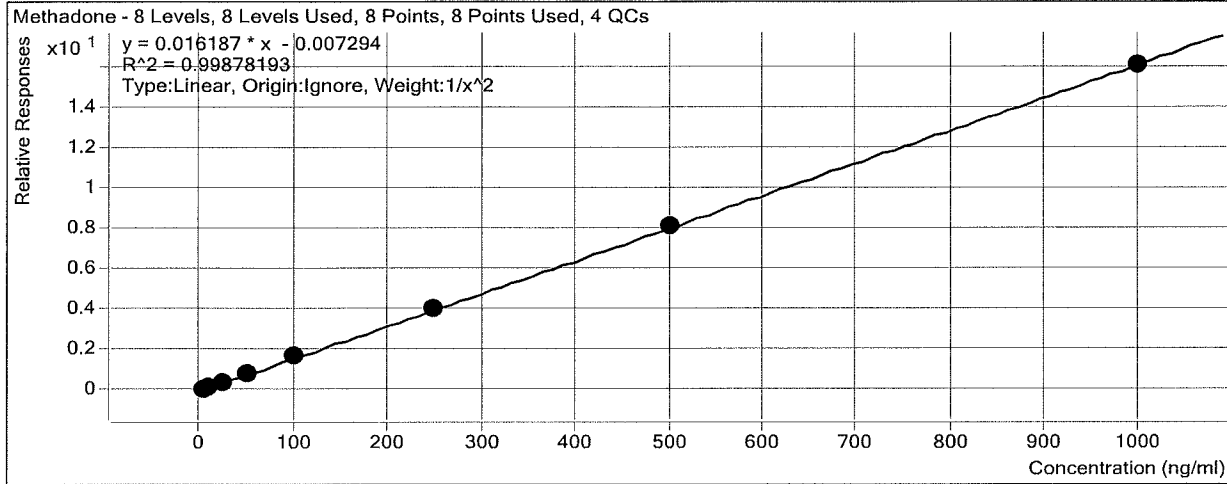
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	105.4
b QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.5	97.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.3	103.3
b qc 100	5	<input checked="" type="checkbox"/>	100	110.7	110.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.5	99.4
b QC 250	6	<input checked="" type="checkbox"/>	250	272.2	108.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	503.0	100.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	993.6	99.4
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1070.4	107.0

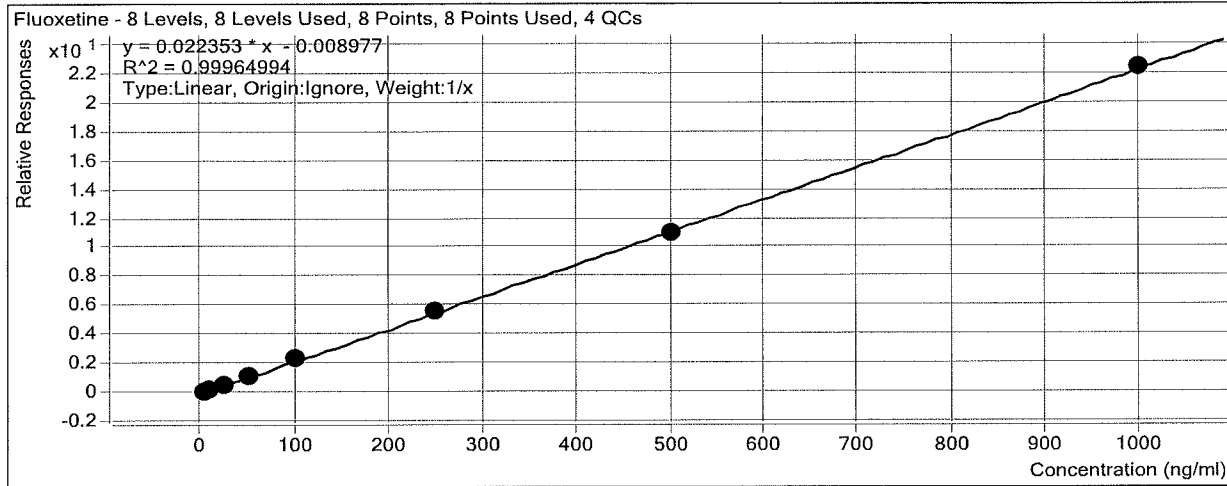
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.5	89.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.6	105.7
b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.1	106.1
b qc 100	5	<input checked="" type="checkbox"/>	100	96.6	96.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.3	100.1
b QC 250	6	<input checked="" type="checkbox"/>	250	240.4	96.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	493.4	98.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1001.0	100.1
b qc 1000	8	<input checked="" type="checkbox"/>	1000	891.1	89.1

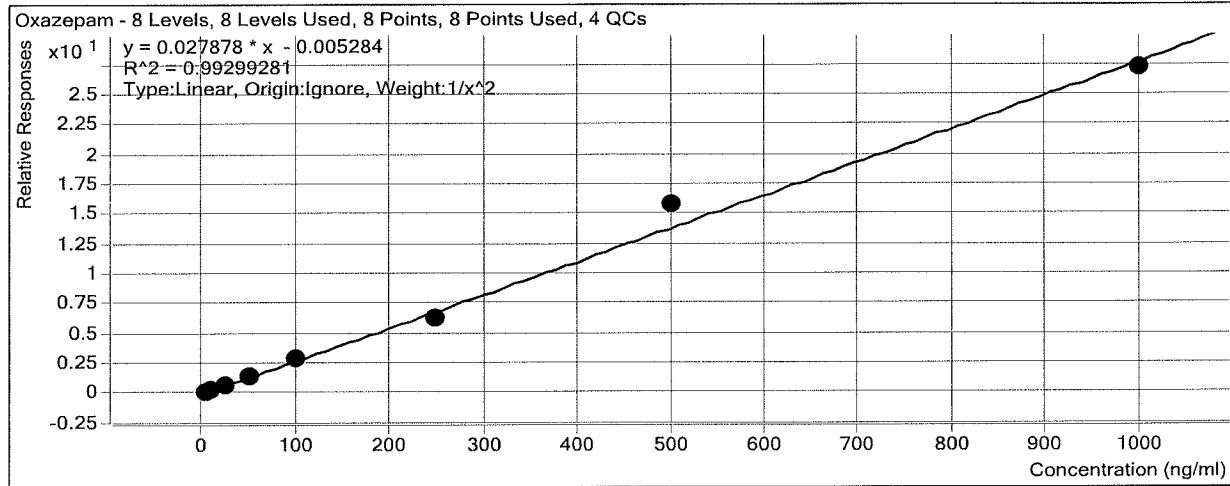
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name ISP TOX

Target Compound Oxazepam
Internal Standard Oxazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.6	106.0
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.3	94.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.5	100.5
b qc 100	5	<input checked="" type="checkbox"/>	100	90.7	90.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	225.6	90.2
b QC 250	6	<input checked="" type="checkbox"/>	250	270.9	108.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	570.5	114.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	976.0	97.6
b qc 1000	8	<input checked="" type="checkbox"/>	1000	959.6	96.0

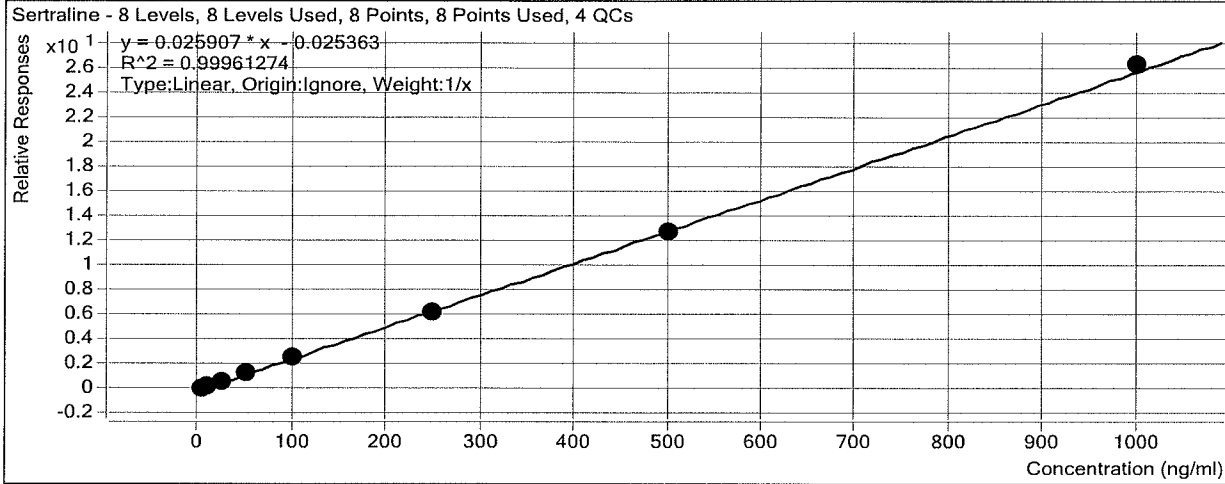
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.5
b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	103.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.0	100.0
b qc 100	5	<input checked="" type="checkbox"/>	100	104.0	104.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	243.7	97.5
b QC 250	6	<input checked="" type="checkbox"/>	250	253.5	101.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	490.9	98.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1016.9	101.7
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1052.5	105.3

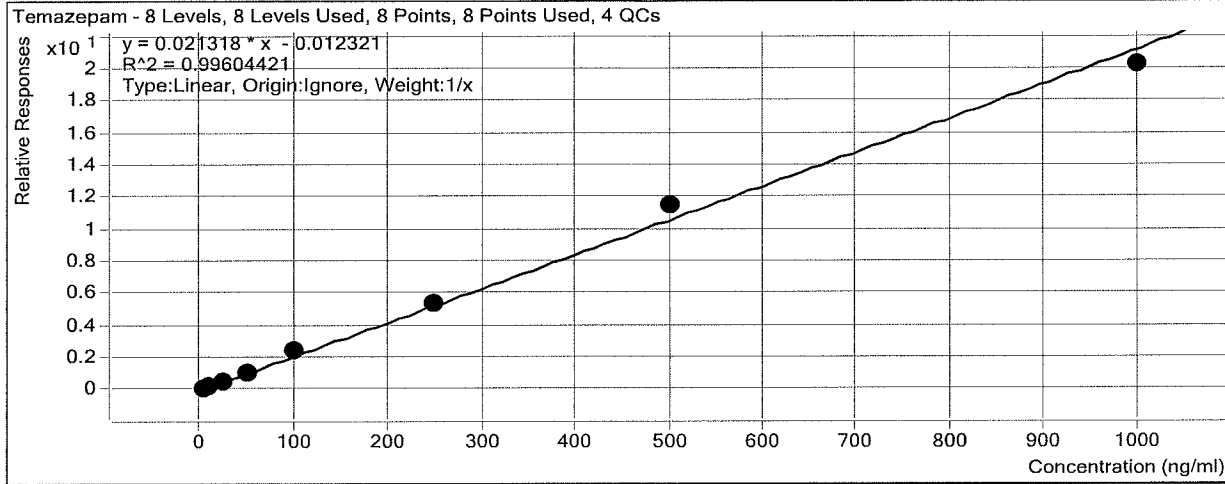
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.6
b QC 10	2	<input checked="" type="checkbox"/>	10	9.3	92.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	99.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.1	94.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	111.6	111.6
b qc 100	5	<input checked="" type="checkbox"/>	100	94.4	94.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.8	101.5
b QC 250	6	<input checked="" type="checkbox"/>	250	244.0	97.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	538.3	107.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	950.1	95.0
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1013.5	101.4

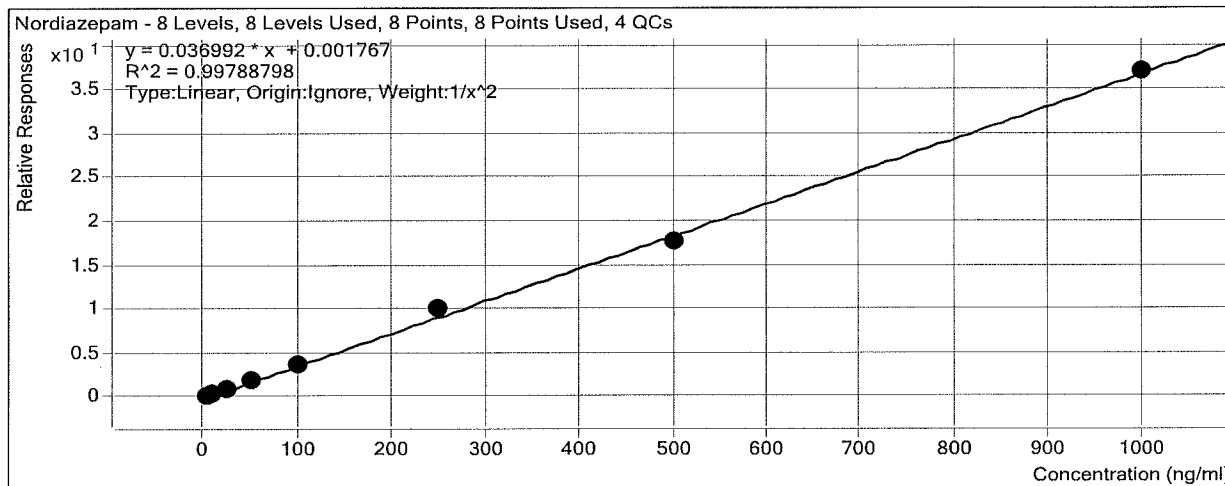
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.1
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	96.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.7	97.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.3	101.3
b qc 100	5	<input checked="" type="checkbox"/>	100	93.1	93.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	271.1	108.4
b QC 250	6	<input checked="" type="checkbox"/>	250	250.8	100.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	481.2	96.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1000.9	100.1
b qc 1000	8	<input checked="" type="checkbox"/>	1000	938.3	93.8

ISP Forensics Calibration Curve Report

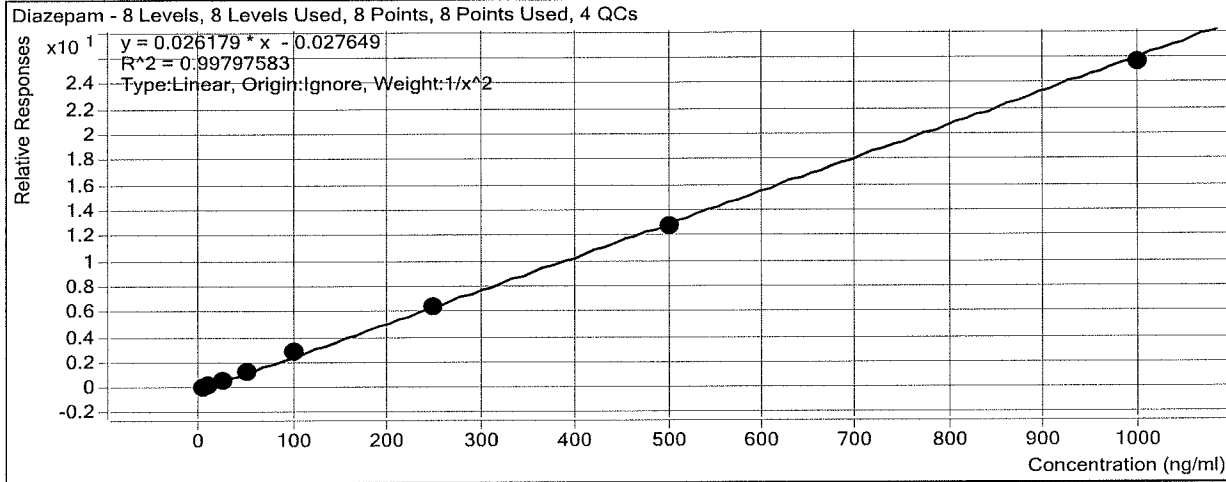
Batch Data Path
Last Calib Update

D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
2/8/2019 10:30 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	104.9
b QC 10	2	<input checked="" type="checkbox"/>	10	11.0	109.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.3	98.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.4	107.4
b qc 100	5	<input checked="" type="checkbox"/>	100	102.3	102.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	243.4	97.3
b QC 250	6	<input checked="" type="checkbox"/>	250	243.1	97.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	486.5	97.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	978.2	97.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	983.1	98.3

ISP FORENSICS - Cd'A Instrument # 62340

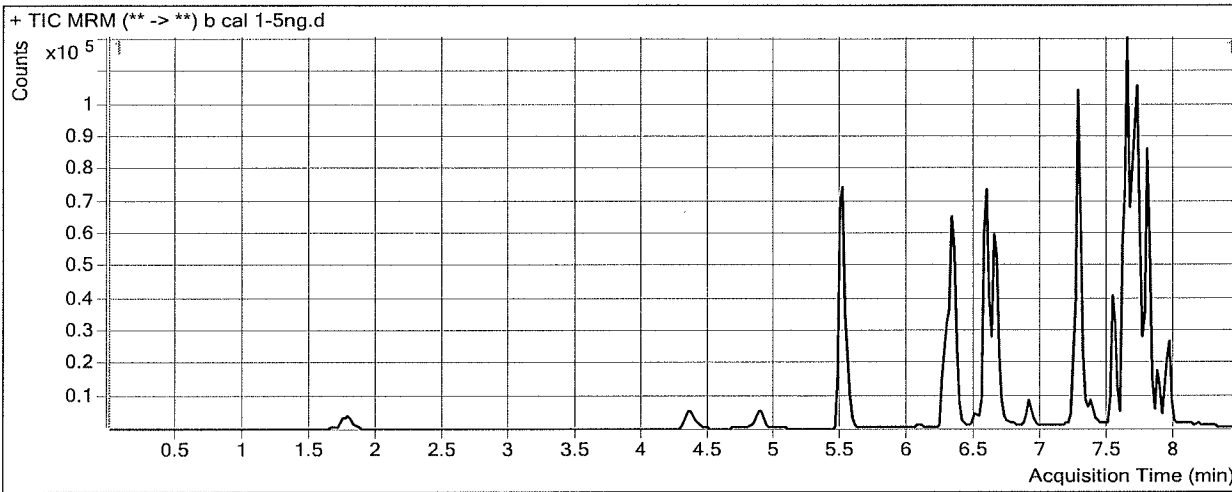
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 2/8/2019 10:30 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:36 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:30 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 15:58 **Data File** b cal 1-5ng.d
Sample Type Calibration **Sample Name** b cal 1-5ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-A1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.768	2298	21768	0.1056	5.1847
Dihydrocodeine	Dihydrocodeine-D6	4.391	2536	23615	0.1074	5.7517
Noroxycodone	Noroxycodone-D3	4.894	2393	22551	0.1061	5.4008
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.519	24979	227607	0.1097	4.8528
Ketamine	Ketamine-D4	6.300	10699	84163	0.1271	5.0780
Norfentanyl	Norfentanyl-D5	6.343	1902	185192	0.0103	1.0296
Cocaine	Cocaine-d3	6.572	16548	221995	0.0745	4.9683
alpha-PVP	alpha-PVP-d8	6.647	16366	165775	0.0987	4.9277
Mirtazapine	alpha-PVP-d8	6.899	14900	165775	0.0899	4.9161
Norbuprenorphine	Norbuprenorphine-D3	7.233	220	9935	0.0221	0.0000
Fentanyl	Fentanyl-D5	7.257	2258	270257	0.0084	0.5427
Mitragynine	Quetiapine-D8	7.334	4247	68349	0.0621	5.0123
EDDP	EDDP-D3	7.366	1140	12500	0.0912	5.2296
Quetiapine	Quetiapine-D8	7.537	23026	68349	0.3369	4.4218
Cyclobenzaprine	Cyclobenzaprine-D3	7.610	10438	99023	0.1054	5.1643
Buprenorphine	Buprenorphine-D4	7.614	538	51520	0.0104	0.4997
Methadone	Methadone-D9	7.641	14132	196071	0.0721	4.9033
Fluoxetine	Fluoxetine-D6	7.703	21884	240391	0.0910	4.4742
Oxazepam	Oxazepam-D5	7.748	6346	48461	0.1309	4.8867
Sertraline	Sertraline-D3	7.765	5878	52335	0.1123	5.3147
Temazepam	Temazepam-D5	7.806	12221	136910	0.0893	4.7651
Nordiazepam	Nordiazepam-D5	7.894	5271	27869	0.1891	5.0652
Diazepam	Diazepam-D5	7.949	5377	53693	0.1001	4.8812

ISP FORENSICS - Cd'A Instrument # 62340

Multi-Drug Confirmatory Analysis Report

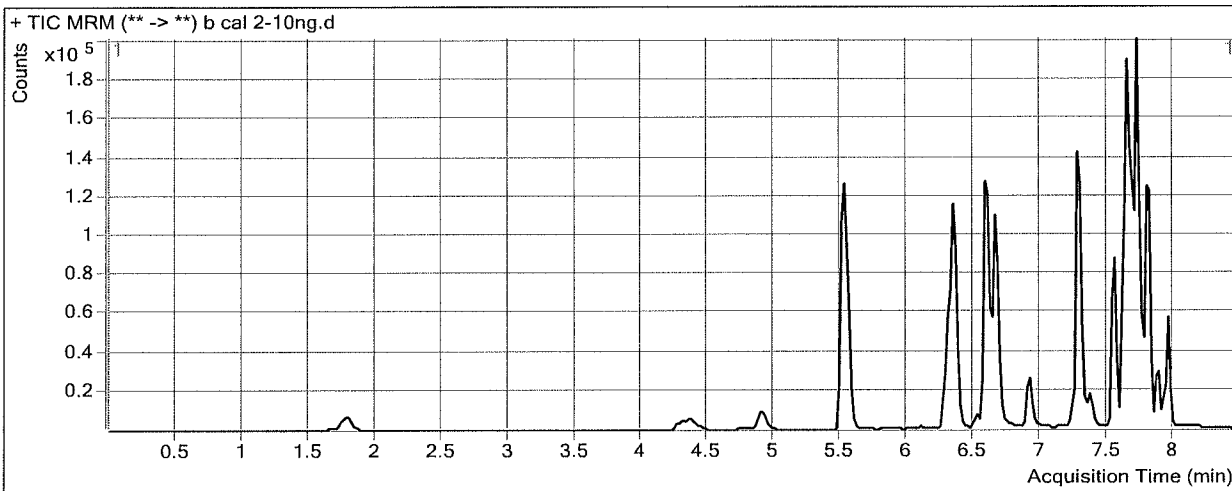
plb cal X A

Batch Data Path	D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin		
Analysis Time	2/8/2019 10:30 AM	Analyst Name	ISP Tox
Report Time	2/8/2019 10:36 AM	Reporter Name	ISP Tox
Last Calib Update	2/8/2019 10:30 AM	Batch State	Processed

Analysis Info

Acq Time	2019-02-06 16:24	Data File	b cal 2-10ng.d
Sample Type	Calibration	Sample Name	b cal 2-10ng
Dilution	1	Acq Method	b1 mdq 618.m
Position	P2-B1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.788	7137	33531	0.2128	10.0554
Dihydrocodeine	Dihydrocodeine-D6	4.411	7939	36073	0.2201	9.1089
Noroxycodone	Noroxycodone-D3	4.934	7554	34740	0.2175	10.2419
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.539	81662	349389	0.2337	10.1522
Benzoylcegonine	Benzoylcegonine-d8	6.113	481	3091	0.1556	14.5474
Ketamine	Ketamine-D4	6.320	33757	139296	0.2423	9.7712
Norfentanyl	Norfentanyl-D5	6.363	6663	320117	0.0208	1.4712
Cocaine	Cocaine-d3	6.572	58084	365778	0.1588	10.0786
alpha-PVP	alpha-PVP-d8	6.667	56369	259437	0.2173	10.3218
Mirtazapine	alpha-PVP-d8	6.919	50246	259437	0.1937	10.2733
Norbuprenorphine	Norbuprenorphine-D3	7.253	475	12859	0.0370	0.6626
Fentanyl	Fentanyl-D5	7.277	6735	395540	0.0170	0.9889
Mitragynine	Quetiapine-D8	7.334	14325	118920	0.1205	9.5584
EDDP	EDDP-D3	7.366	3986	21469	0.1856	9.4180
Quetiapine	Quetiapine-D8	7.537	79349	118920	0.6672	9.3387
Cyclobenzaprine	Cyclobenzaprine-D3	7.630	29707	152133	0.1953	9.0785
Buprenorphine	Buprenorphine-D4	7.614	1763	76265	0.0231	1.0956
Methadone	Methadone-D9	7.661	48353	295969	0.1634	10.5432
Fluoxetine	Fluoxetine-D6	7.703	82771	364092	0.2273	10.5717
Oxazepam	Oxazepam-D5	7.748	20148	69426	0.2902	10.5992
Sertraline	Sertraline-D3	7.785	17644	75080	0.2350	10.0501
Temazepam	Temazepam-D5	7.806	40159	209725	0.1915	9.5604
Nordiazepam	Nordiazepam-D5	7.894	16681	45294	0.3683	9.9081

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

plb cal 2

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.949	20928	84746	0.2469	10.4892



ISP FORENSICS - Cd'A Instrument # 62340

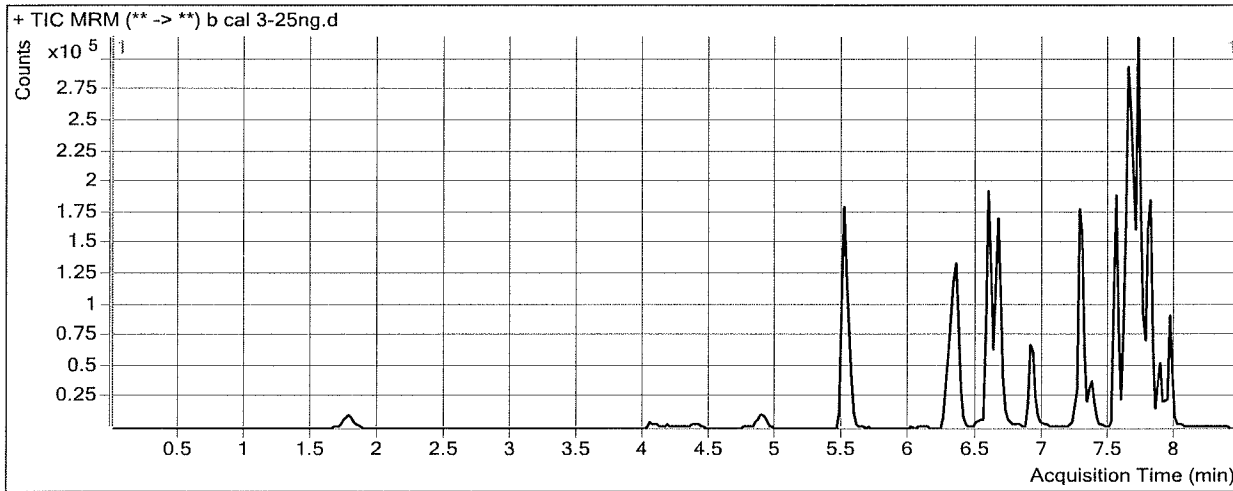
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 2/8/2019 10:30 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:36 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:30 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 16:49 **Data File** b cal 3-25ng.d
Sample Type Calibration **Sample Name** b cal 3-25ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-C1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.788	18972	36035	0.5265	24.2975
Dihydrocodeine	Dihydrocodeine-D6	4.411	6636	9140	0.7260	24.1768
Noroxycodone	Noroxycodone-D3	4.914	18431	34275	0.5378	24.1700
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.519	214333	369645	0.5798	24.9463
Benzoylcegonine	Benzoylcegonine-d8	6.113	1122	3244	0.3460	26.1419
Ketamine	Ketamine-D4	6.300	91747	151872	0.6041	24.5078
Norfentanyl	Norfentanyl-D5	6.363	17043	349414	0.0488	2.6421
Cocaine	Cocaine-d3	6.572	156809	382782	0.4097	25.2946
alpha-PVP	alpha-PVP-d8	6.667	158074	296221	0.5336	24.7163
Mirtazapine	alpha-PVP-d8	6.899	141193	296221	0.4766	24.8788
Norbuprenorphine	Norbuprenorphine-D3	7.233	1157	15318	0.0755	2.4759
Fentanyl	Fentanyl-D5	7.277	21467	470173	0.0457	2.4615
Mitragynine	Quetiapine-D8	7.334	45263	132906	0.3406	26.7149
EDDP	EDDP-D3	7.366	13347	27366	0.4877	22.8145
Quetiapine	Quetiapine-D8	7.537	231897	132906	1.7448	25.3774
Cyclobenzaprine	Cyclobenzaprine-D3	7.630	97203	160178	0.6068	27.0064
Buprenorphine	Buprenorphine-D4	7.614	4827	95298	0.0507	2.3920
Methadone	Methadone-D9	7.661	145299	378006	0.3844	24.1964
Fluoxetine	Fluoxetine-D6	7.703	245619	433216	0.5670	25.7655
Oxazepam	Oxazepam-D5	7.748	47913	69763	0.6868	24.8248
Sertraline	Sertraline-D3	7.785	49062	79649	0.6160	24.7553
Temazepam	Temazepam-D5	7.806	114077	221444	0.5152	24.7433
Nordiazepam	Nordiazepam-D5	7.894	45786	51446	0.8900	24.0111

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

Plb cal3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.949	58422	94265	0.6198	24.7303



ISP FORENSICS - Cd'A Instrument # 62340

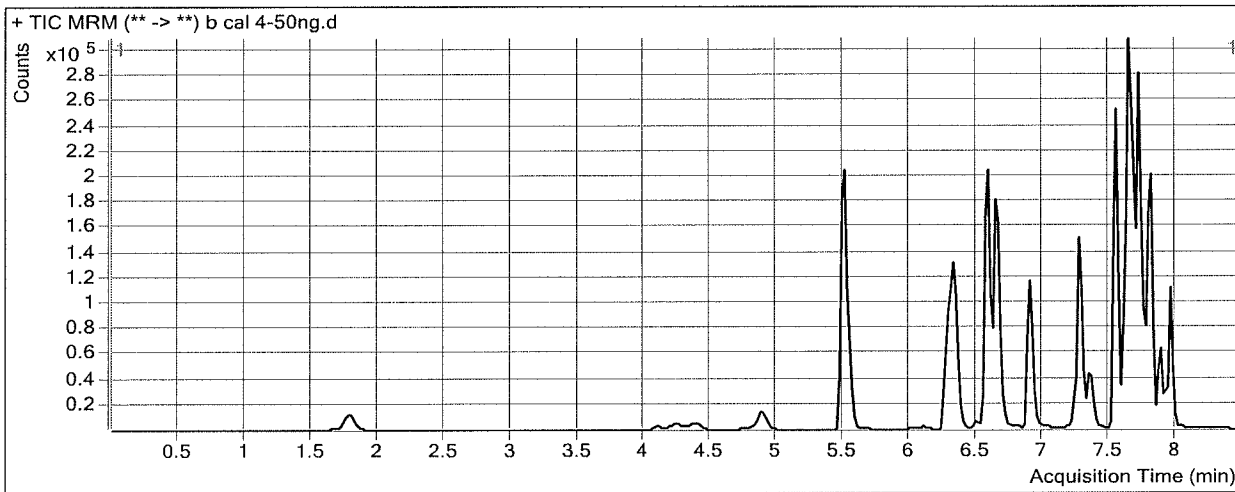
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 2/8/2019 10:30 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:36 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:30 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 17:15 **Data File** b cal 4-50ng.d
Sample Type Calibration **Sample Name** b cal 4-50ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-D1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.808	33022	30227	1.0925	49.9977
Dihydrocodeine	Dihydrocodeine-D6	4.251	20742	12173	1.7040	53.3065
Noroxycodone	Noroxycodone-D3	4.894	31206	28897	1.0799	47.7460
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.519	376529	322476	1.1676	50.0704
Benzoyllecgonine	Benzoyllecgonine-d8	6.113	2085	3049	0.6840	46.7209
Ketamine	Ketamine-D4	6.300	150498	125267	1.2014	48.8392
Norfentanyl	Norfentanyl-D5	6.363	30492	294792	0.1034	4.9312
Cocaine	Cocaine-d3	6.572	261902	320181	0.8180	50.0618
alpha-PVP	alpha-PVP-d8	6.667	255076	234249	1.0889	49.9812
Mirtazapine	alpha-PVP-d8	6.899	235595	234249	1.0057	52.1879
Norbuprenorphine	Norbuprenorphine-D3	7.233	1613	13034	0.1237	4.7429
Fentanyl	Fentanyl-D5	7.277	33095	369314	0.0896	4.7226
Mitragynine	Quetiapine-D8	7.334	68173	102172	0.6672	52.1771
EDDP	EDDP-D3	7.366	20642	18960	1.0887	49.4656
Quetiapine	Quetiapine-D8	7.537	368997	102172	3.6115	53.1612
Cyclobenzaprine	Cyclobenzaprine-D3	7.630	141617	127556	1.1102	48.9338
Buprenorphine	Buprenorphine-D4	7.614	6216	64367	0.0966	4.5532
Methadone	Methadone-D9	7.661	212877	273540	0.7782	48.5270
Fluoxetine	Fluoxetine-D6	7.703	308331	287510	1.0724	48.3776
Oxazepam	Oxazepam-D5	7.748	68912	52522	1.3120	47.2526
Sertraline	Sertraline-D3	7.785	61579	50094	1.2293	48.4279
Temazepam	Temazepam-D5	7.806	182042	183378	0.9927	47.1452
Nordiazepam	Nordiazepam-D5	7.894	73457	40695	1.8051	48.7482

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

plb cal 4

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.949	95869	75873	1.2635	49.3223

[Signature]

ISP FORENSICS - Cd'A Instrument # 62340

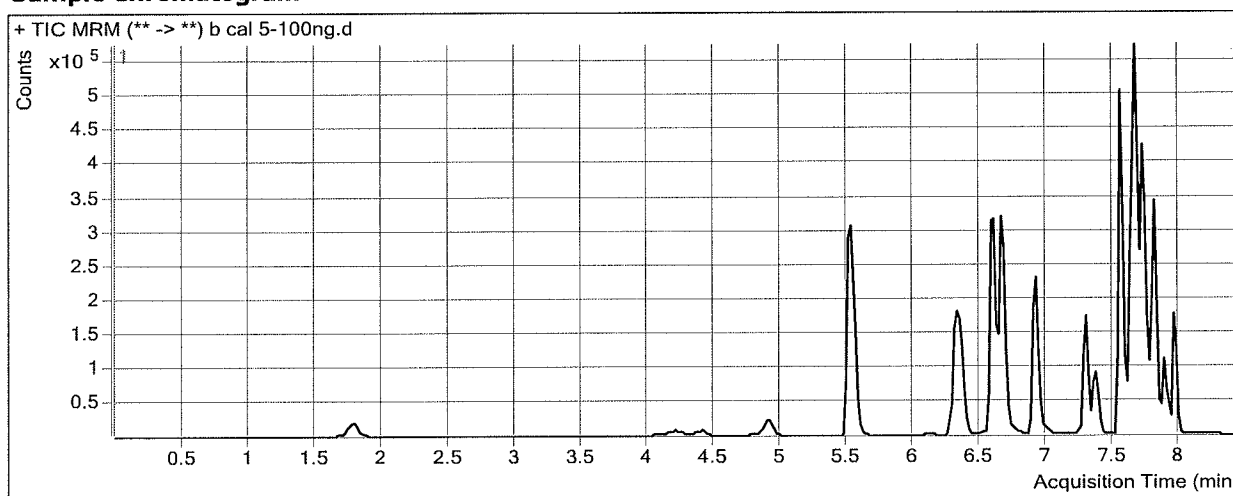
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 2/8/2019 10:30 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:36 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:30 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 17:40 **Data File** b cal 5-100ng.d
Sample Type Calibration **Sample Name** b cal 5-100ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-E1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.808	63187	29148	2.1678	98.8289
Dihydrocodeine	Dihydrocodeine-D6	4.411	26299	9503	2.7674	84.9793
Noroxycodone	Noroxycodone-D3	4.914	61993	27527	2.2521	98.7178
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.539	769154	325130	2.3657	101.2809
Benzoylcegonine	Benzoylcegonine-d8	6.113	4560	3182	1.4328	92.3209
Ketamine	Ketamine-D4	6.320	325799	128196	2.5414	103.4237
Norfentanyl	Norfentanyl-D5	6.383	66774	303576	0.2200	9.8109
Cocaine	Cocaine-d3	6.572	568579	345116	1.6475	100.3768
alpha-PVP	alpha-PVP-d8	6.667	559181	250520	2.2321	101.9956
Mirtazapine	alpha-PVP-d8	6.919	484567	250520	1.9342	100.1115
Norbuprenorphine	Norbuprenorphine-D3	7.253	3049	11801	0.2584	11.0782
Fentanyl	Fentanyl-D5	7.277	72454	379171	0.1911	9.9424
Mitragynine	Quetiapine-D8	7.355	152782	113079	1.3511	105.4822
EDDP	EDDP-D3	7.387	50333	22243	2.2628	101.5373
Quetiapine	Quetiapine-D8	7.537	742877	113079	6.5695	97.1884
Cyclobenzaprine	Cyclobenzaprine-D3	7.630	299975	133521	2.2467	98.4350
Buprenorphine	Buprenorphine-D4	7.634	16187	71152	0.2275	10.7152
Methadone	Methadone-D9	7.661	492024	295516	1.6650	103.3063
Fluoxetine	Fluoxetine-D6	7.703	673743	285233	2.3621	106.0719
Oxazepam	Oxazepam-D5	7.748	116270	41561	2.7976	100.5392
Sertraline	Sertraline-D3	7.785	119129	46438	2.5653	99.9994
Temazepam	Temazepam-D5	7.806	359197	151701	2.3678	111.6494
Nordiazepam	Nordiazepam-D5	7.894	140284	37421	3.7488	101.2931

ISP FORENSICS - Cd'A Instrument # 62340

Multi-Drug Confirmatory Analysis Report

plb cal 5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.949	203389	73030	2.7850	107.4399



ISP FORENSICS - Cd'A Instrument # 62340

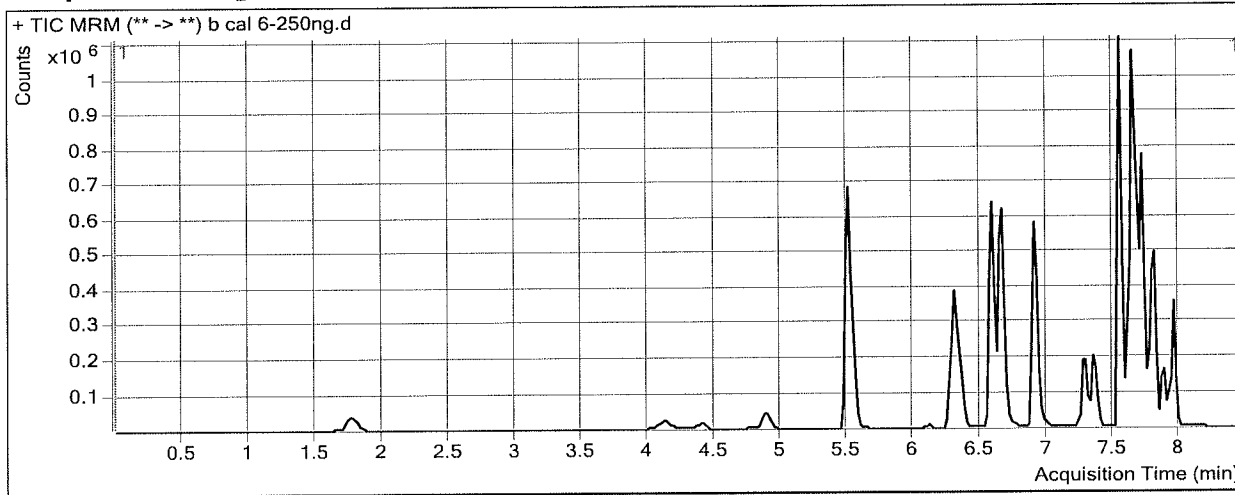
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 2/8/2019 10:30 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:36 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:30 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 18:05 **Data File** b cal 6-250ng.d
Sample Type Calibration **Sample Name** b cal 6-250ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-F1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.788	150803	26821	5.6225	255.7048
Dihydrocodeine	Dihydrocodeine-D6	4.391	60217	9444	6.3765	192.4755
Noroxycodone	Noroxycodone-D3	4.894	136459	24194	5.6403	246.0512
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.519	1912702	323602	5.9107	252.8079
Benzoylcegonine	Benzoylcegonine-d8	6.113	11819	2852	4.1434	257.3877
Ketamine	Ketamine-D4	6.300	787621	127444	6.1802	251.6473
Norfentanyl	Norfentanyl-D5	6.363	165427	290631	0.5692	24.4365
Cocaine	Cocaine-d3	6.572	1268190	310017	4.0907	248.5712
alpha-PVP	alpha-PVP-d8	6.667	1262131	232966	5.4177	246.9400
Mirtazapine	alpha-PVP-d8	6.899	1134137	232966	4.8683	251.5487
Norbuprenorphine	Norbuprenorphine-D3	7.233	6147	10990	0.5593	25.2314
Fentanyl	Fentanyl-D5	7.277	160569	332342	0.4831	24.9662
Mitragynine	Quetiapine-D8	7.334	302375	100444	3.0104	234.8161
EDDP	EDDP-D3	7.366	119070	21022	5.6641	252.3758
Quetiapine	Quetiapine-D8	7.537	1824327	100444	18.1626	269.7398
Cyclobenzaprine	Cyclobenzaprine-D3	7.630	676126	119129	5.6756	247.7954
Buprenorphine	Buprenorphine-D4	7.614	31600	58753	0.5378	25.3215
Methadone	Methadone-D9	7.641	1087312	270779	4.0155	248.5137
Fluoxetine	Fluoxetine-D6	7.703	1414797	253272	5.5861	250.3019
Oxazepam	Oxazepam-D5	7.748	141984	22596	6.2835	225.5792
Sertraline	Sertraline-D3	7.785	247888	39428	6.2871	243.6556
Temazepam	Temazepam-D5	7.806	731921	135584	5.3983	253.8068
Nordiazepam	Nordiazepam-D5	7.894	260847	26004	10.0310	271.1204

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

plb cal 6

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.949	436664	68839	6.3433	243.3629

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ISP FORENSICS - Cd'A Instrument # 62340

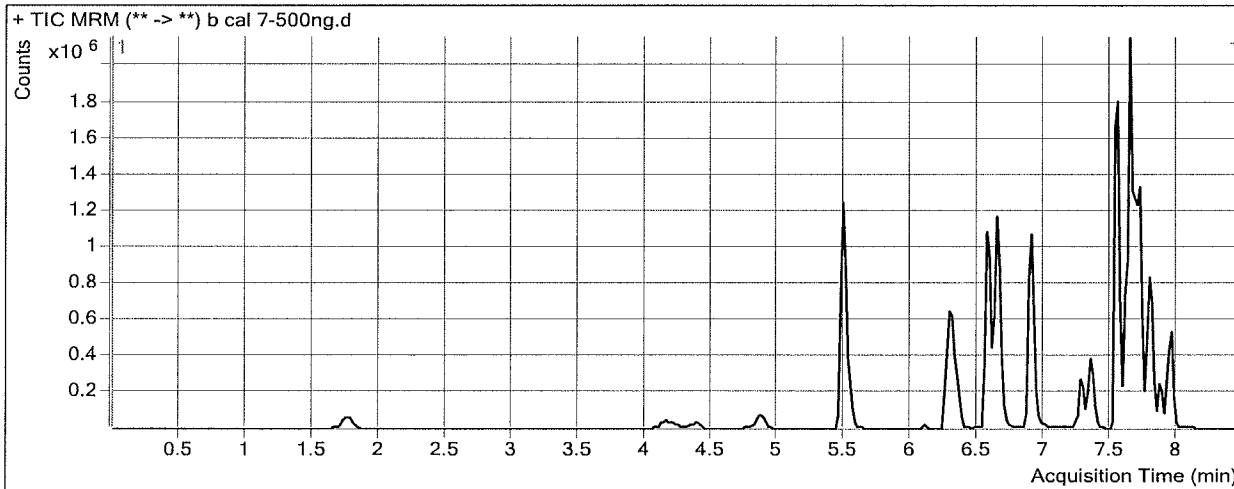
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 2/8/2019 10:30 AM **Analyst Name** ISP Tox
Report Time 2/8/2019 10:36 AM **Reporter Name** ISP Tox
Last Calib Update 2/8/2019 10:30 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 18:31 **Data File** b cal 7-500ng.d
Sample Type Calibration **Sample Name** b cal 7-500ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-G1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.768	272197	25845	10.5319	478.6325
Dihydrocodeine	Dihydrocodeine-D6	4.371	112170	4685	23.9423	715.6636
Noroxycodone	Noroxycodone-D3	4.878	239915	21115	11.3625	494.8818
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.499	3627708	313348	11.5773	495.0210
Benzoylcegonine	Benzoylcegonine-d8	6.092	28136	3242	8.6788	533.5726
Ketamine	Ketamine-D4	6.280	1535380	119873	12.8084	521.6473
Norfentanyl	Norfentanyl-D5	6.343	325703	280908	1.1595	49.1556
Cocaine	Cocaine-d3	6.549	2452136	302168	8.1151	492.6748
alpha-PVP	alpha-PVP-d8	6.647	2518219	229757	10.9604	499.1331
Mirtazapine	alpha-PVP-d8	6.899	2145566	229757	9.3384	482.2731
Norbuprenorphine	Norbuprenorphine-D3	7.233	11401	10723	1.0632	48.9347
Fentanyl	Fentanyl-D5	7.277	309905	319528	0.9699	50.0043
Mitragynine	Quetiapine-D8	7.334	603594	88243	6.8401	533.3288
EDDP	EDDP-D3	7.366	243103	20230	12.0167	534.0986
Quetiapine	Quetiapine-D8	7.537	3393764	88243	38.4593	571.8356
Cyclobenzaprine	Cyclobenzaprine-D3	7.610	1294514	109782	11.7917	514.2109
Buprenorphine	Buprenorphine-D4	7.614	52686	54110	0.9737	45.8350
Methadone	Methadone-D9	7.641	2099141	258056	8.1344	502.9665
Fluoxetine	Fluoxetine-D6	7.703	2973427	269791	11.0212	493.4493
Oxazepam	Oxazepam-D5	7.728	200002	12579	15.8998	570.5153
Sertraline	Sertraline-D3	7.765	536623	42281	12.6918	490.8744
Temazepam	Temazepam-D5	7.806	1174424	102461	11.4621	538.2552
Nordiazepam	Nordiazepam-D5	7.874	383270	21528	17.8034	481.2303

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

P16 cal 7

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.949	798204	62804	12.7095	486.5440



ISP FORENSICS - Cd'A Instrument # 62340

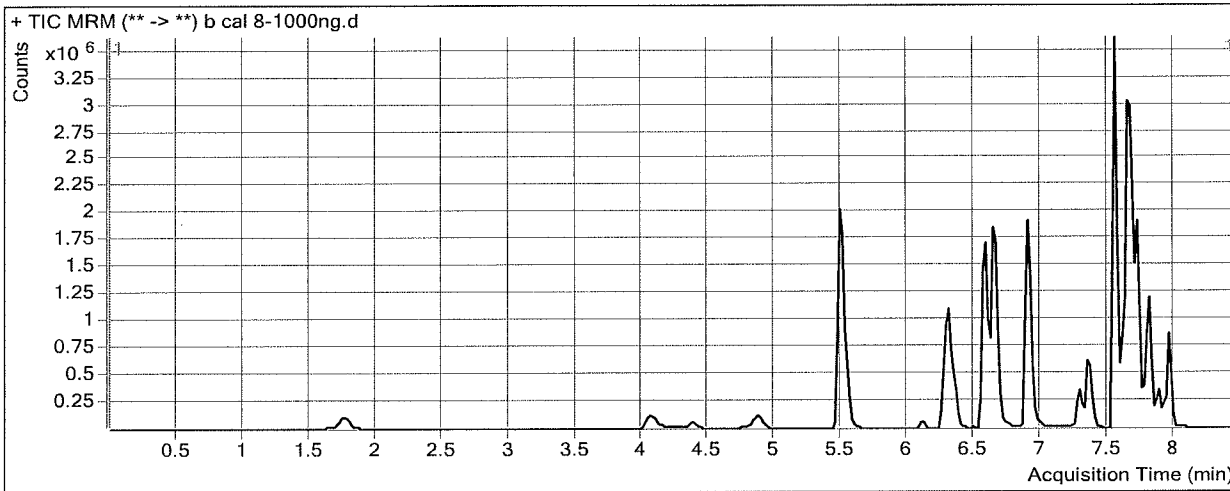
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2019 Data\020619 mdq\QuantResults\mdqp1b.batch.bin		
Analysis Time	2/8/2019 10:30 AM	Analyst Name	ISP Tox
Report Time	2/8/2019 10:36 AM	Reporter Name	ISP Tox
Last Calib Update	2/8/2019 10:30 AM	Batch State	Processed

Analysis Info

Acq Time	2019-02-06 18:56	Data File	b cal 8-1000ng.d
Sample Type	Calibration	Sample Name	b cal 8-1000ng
Dilution	1	Acq Method	b1 mdq 618.m
Position	P2-H1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.788	481206	21488	22.3944	1017.2985
Dihydrocodeine	Dihydrocodeine-D6	4.391	219108	7660	28.6050	854.5377
Noroxycodone	Noroxycodone-D3	4.878	423763	18209	23.2726	1012.7905
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.499	6730054	287467	23.4116	1000.8685
Benzoylcegonine	Benzoylcegonine-d8	6.092	77935	3266	23.8605	1458.0829
Ketamine	Ketamine-D4	6.300	2644631	111501	23.7185	966.0706
Norfentanyl	Norfentanyl-D5	6.363	617059	256046	2.4100	101.5236
Cocaine	Cocaine-d3	6.572	4209828	254937	16.5132	1002.0659
alpha-PVP	alpha-PVP-d8	6.647	4476779	206254	21.7052	988.0242
Mirtazapine	alpha-PVP-d8	6.899	3909808	206254	18.9563	978.6935
Norbuprenorphine	Norbuprenorphine-D3	7.233	18317	8915	2.0545	95.5646
Fentanyl	Fentanyl-D5	7.277	494697	253819	1.9490	100.3715
Mitragynine	Quetiapine-D8	7.334	987061	88572	11.1441	868.8078
EDDP	EDDP-D3	7.366	473941	20685	22.9125	1017.3078
Quetiapine	Quetiapine-D8	7.537	5412459	88572	61.1079	908.9372
Cyclobenzaprine	Cyclobenzaprine-D3	7.630	1975191	86397	22.8619	996.4185
Buprenorphine	Buprenorphine-D4	7.634	84416	38357	2.2008	103.5876
Methadone	Methadone-D9	7.661	3902436	242746	16.0762	993.5802
Fluoxetine	Fluoxetine-D6	7.703	3896375	174207	22.3664	1000.9879
Oxazepam	Oxazepam-D5	7.748	251882	9259	27.2032	975.9679
Sertraline	Sertraline-D3	7.785	636745	24192	26.3203	1016.9226
Temazepam	Temazepam-D5	7.806	1699736	83974	20.2412	950.0746
Nordiazepam	Nordiazepam-D5	7.894	571663	15440	37.0257	1000.8659

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

Plb cal 8

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.949	1244379	48644	25.5815	978.2421

[Signature]

ISP FORENSICS - Cd'A Instrument # 62340

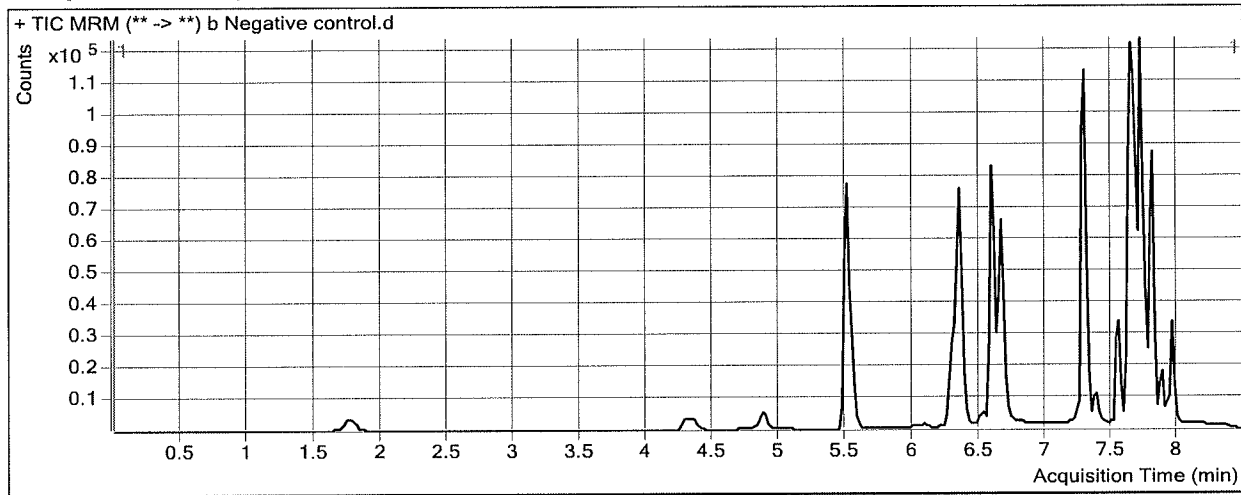
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b lamotrigine only.batch.bin
Analysis Time 2/11/2019 1:32 PM **Analyst Name** ISP Tox
Report Time 2/11/2019 1:33 PM **Reporter Name** ISP Tox
Last Calib Update 2/11/2019 1:32 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 19:34 **Data File** b Negative control.d
Sample Type Sample **Sample Name** b Negative control
Dilution 1 **Acq Method** b1 mdq 618.m *um 12519*
Position P2-E2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1, negative

Sample Chromatogram



ISP FORENSICS - Cd'A Instrument # 62340

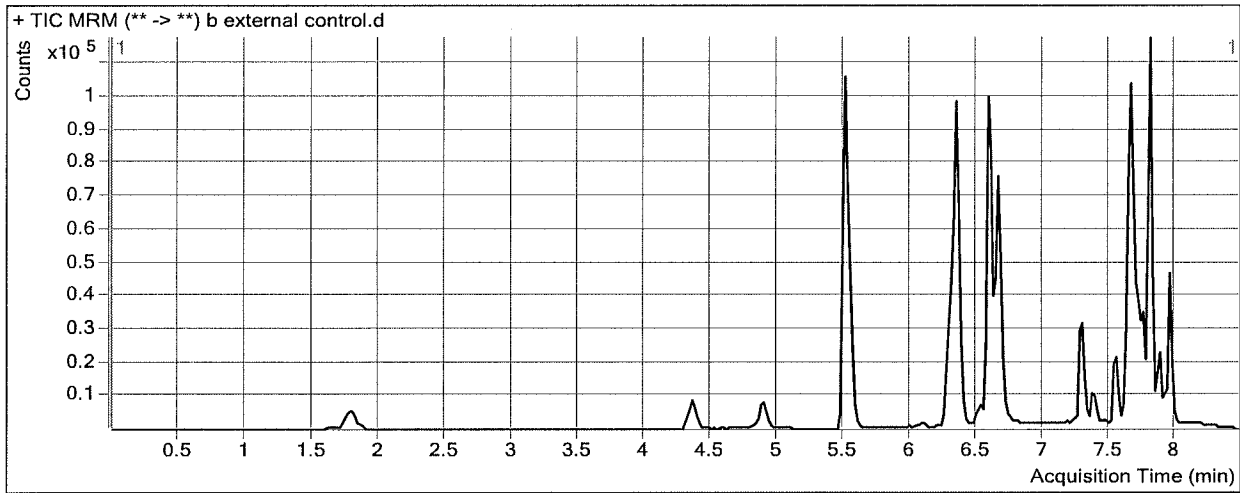
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b lamotrigine only.batch.bin
Analysis Time 2/11/2019 1:32 PM **Analyst Name** ISP Tox
Report Time 2/11/2019 1:33 PM **Reporter Name** ISP Tox
Last Calib Update 2/11/2019 1:32 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 20:00 **Data File** b external control.d
Sample Type Sample **Sample Name** b external control
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-F2 **Sample Info**
Inj Vol -1 **Comment** AM 28: external control p1

Sample Chromatogram



ISP FORENSICS - Cd'A Instrument # 62340

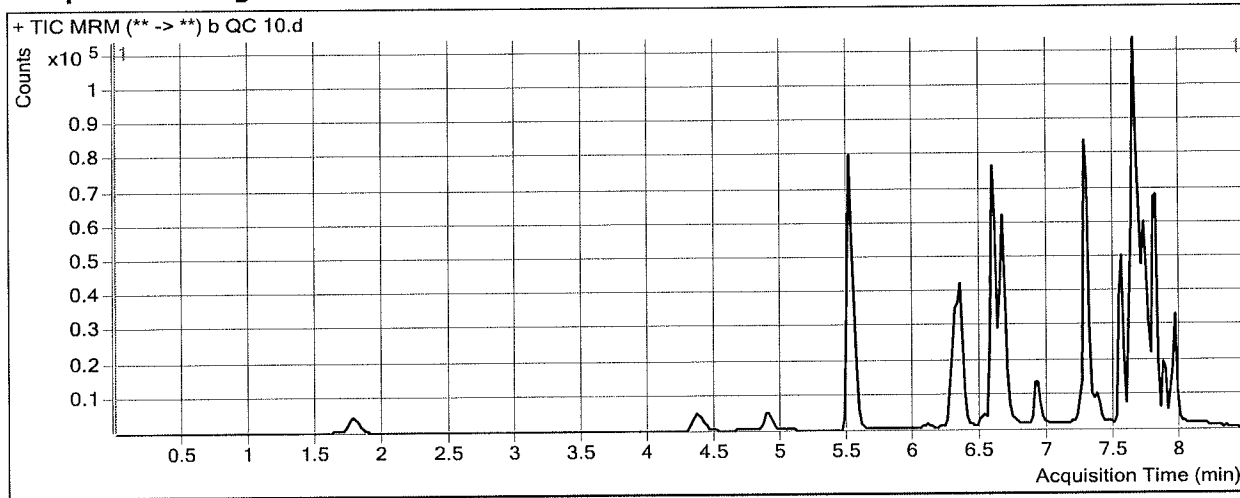
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b lamotrigine only.batch.bin
Analysis Time 2/11/2019 1:32 PM **Analyst Name** ISP Tox
Report Time 2/11/2019 1:33 PM **Reporter Name** ISP Tox
Last Calib Update 2/11/2019 1:32 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 20:25 **Data File** b QC 10.d
Sample Type QC **Sample Name** b QC 10
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-A2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
lamotrigine	Cyclobenzaprine-D3	6.598	1657	77444	0.0214	11.9967

ISP FORENSICS - Cd'A Instrument # 62340

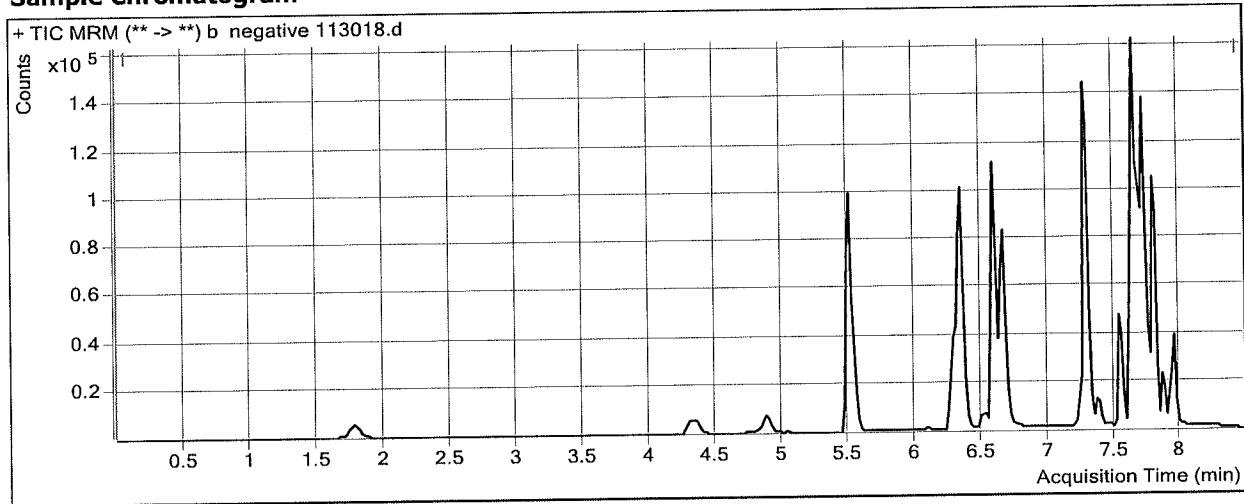
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b lamotrigine only.batch.bin
Analysis Time 2/11/2019 1:32 PM **Analyst Name** ISP Tox
Report Time 2/11/2019 1:33 PM **Reporter Name** ISP Tox
Last Calib Update 2/11/2019 1:32 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 23:10 **Data File** b negative 113018.d
Sample Type Sample **Sample Name** b negative 113018 *BAW113018*
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-H3 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



ISP FORENSICS - Cd'A Instrument # 62340

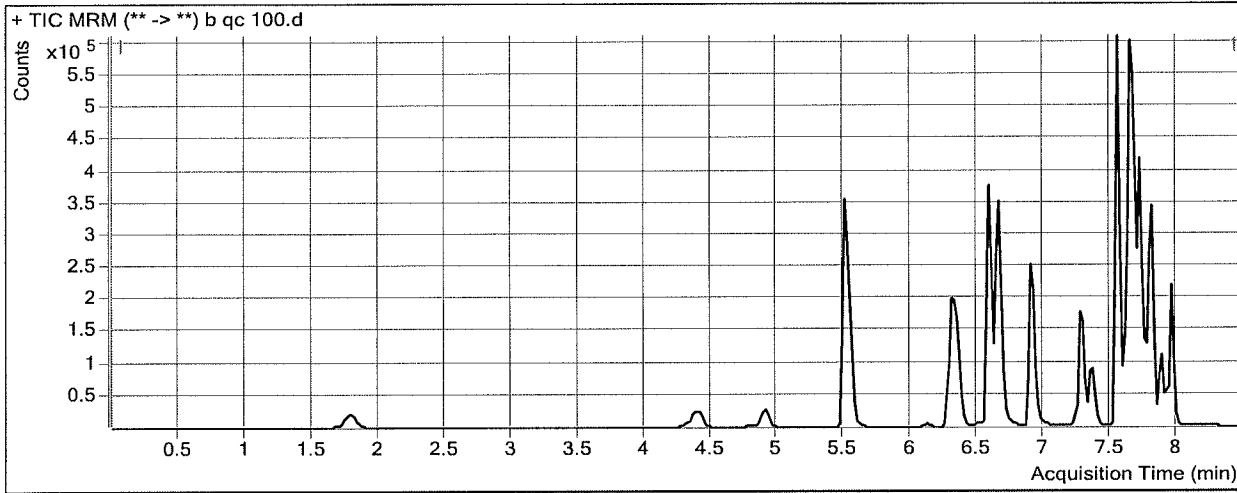
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b lamotrigine only.batch.bin
Analysis Time 2/11/2019 1:32 PM **Analyst Name** ISP Tox
Report Time 2/11/2019 1:33 PM **Reporter Name** ISP Tox
Last Calib Update 2/11/2019 1:32 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 23:35 **Data File** b qc 100.d
Sample Type QC **Sample Name** b qc 100
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-B2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
lamotrigine	Cyclobenzaprine-D3	6.598	27938	128240	0.2179	119.4466

ISP FORENSICS - Cd'A Instrument # 62340

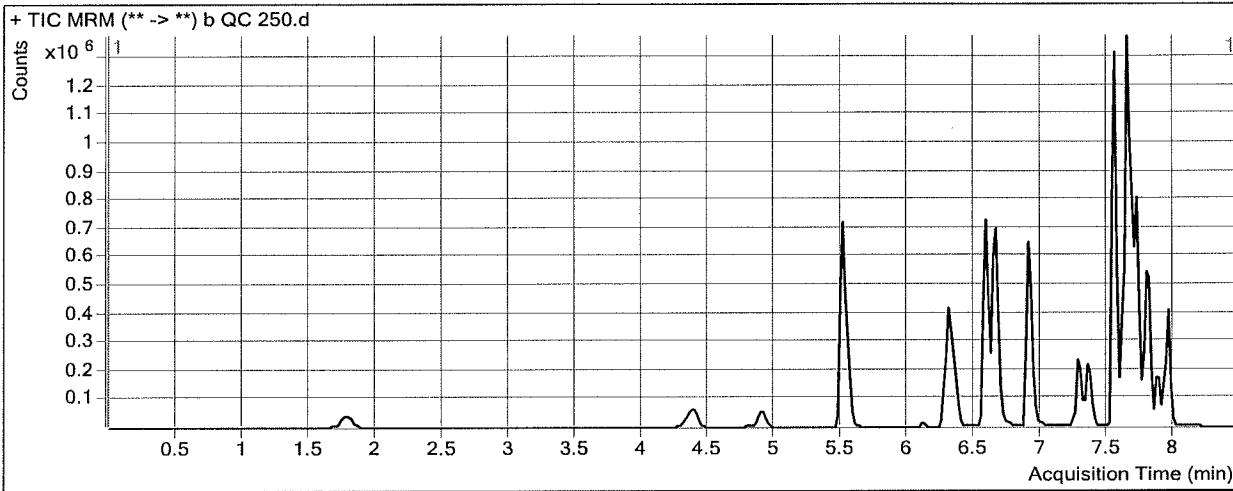
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b lamotrigine only.batch.bin
Analysis Time 2/11/2019 1:32 PM **Analyst Name** ISP Tox
Report Time 2/11/2019 1:33 PM **Reporter Name** ISP Tox
Last Calib Update 2/11/2019 1:32 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-07 00:01 **Data File** b QC 250.d
Sample Type QC **Sample Name** b QC 250
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-C2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
lamotrigine	Cyclobenzaprine-D3	6.598	64697	141500	0.4572	250.3619

ISP FORENSICS - Cd'A Instrument # 62340

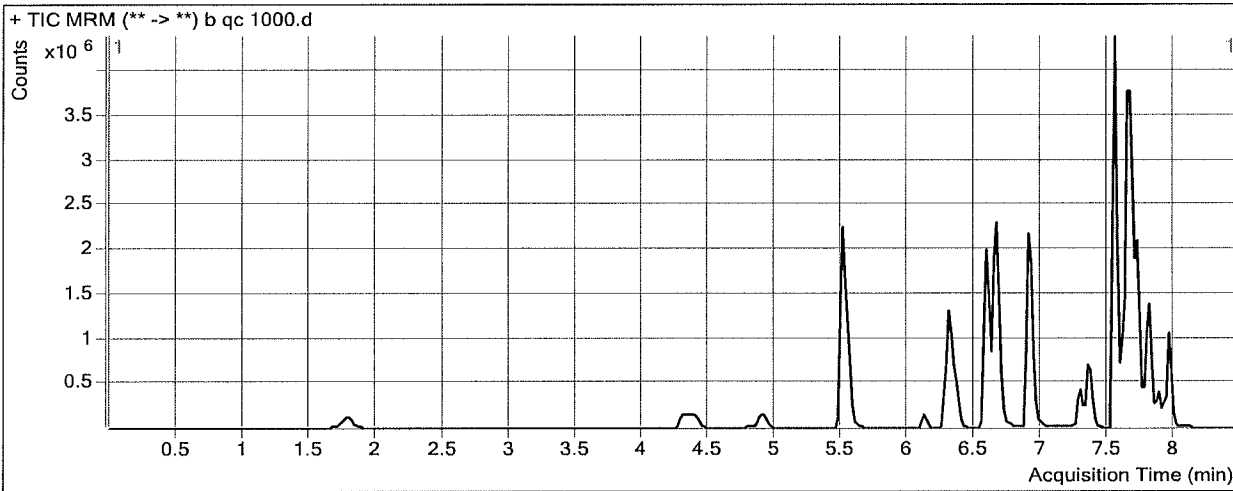
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b lamotrigine only.batch.bin
Analysis Time 2/11/2019 1:32 PM **Analyst Name** ISP Tox
Report Time 2/11/2019 1:33 PM **Reporter Name** ISP Tox
Last Calib Update 2/11/2019 1:32 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-07 00:26 **Data File** b qc 1000.d
Sample Type QC **Sample Name** b qc 1000
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-D2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

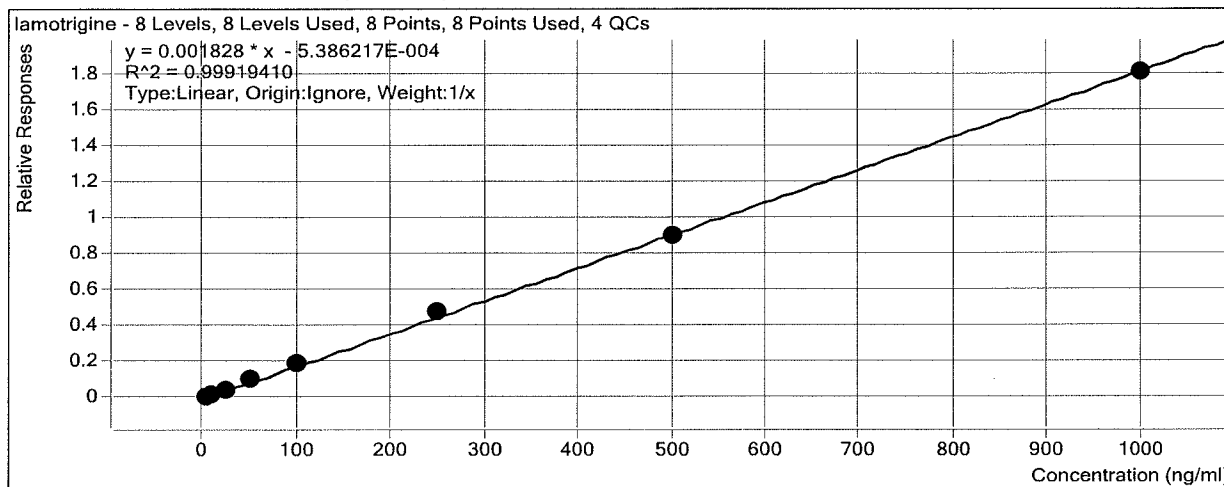
Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
lamotrigine	Cyclobenzaprine-D3	6.598	174203	106801	1.6311	892.3870

ISP Forensics Calibration Curve Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b lamotrigine only.batch.bin

Last Calib Update 2/11/2019 1:32 PM **Analyst Name** ISP TOX

Target Compound lamotrigine
Internal Standard Cyclobenzaprine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.5	89.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.3
b QC 10	2	<input checked="" type="checkbox"/>	10	12.0	120.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.4	106.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.1	102.1
b qc 100	5	<input checked="" type="checkbox"/>	100	119.4	119.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.4	105.8
b QC 250	6	<input checked="" type="checkbox"/>	250	250.4	100.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	491.1	98.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	990.1	99.0
b qc 1000	8	<input checked="" type="checkbox"/>	1000	892.4	89.2

ISP FORENSICS - Cd'A Instrument # 62340

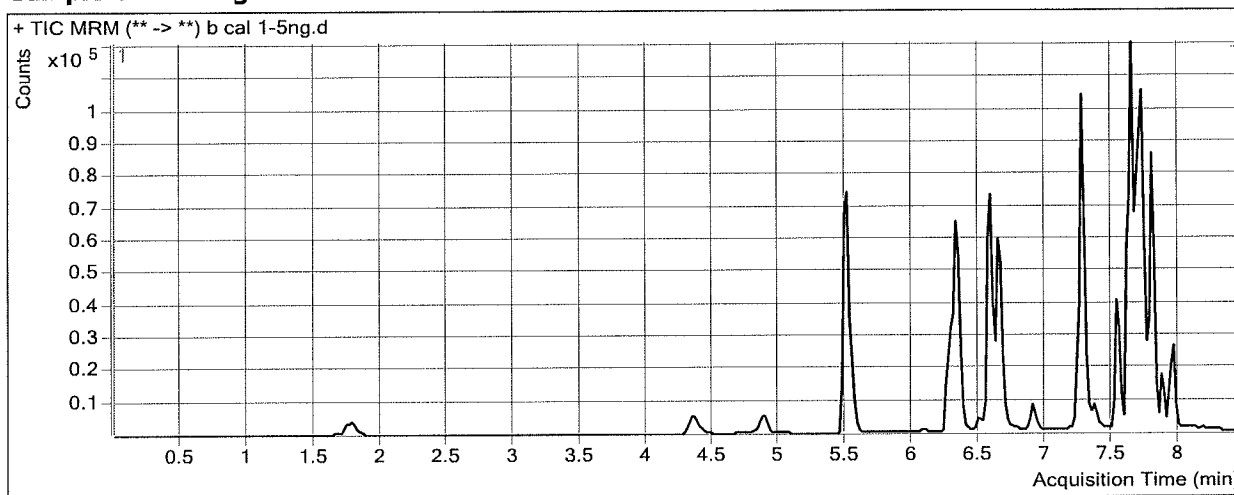
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b lamotrigine only.batch.bin
Analysis Time 2/11/2019 1:32 PM **Analyst Name** ISP Tox
Report Time 2/11/2019 1:33 PM **Reporter Name** ISP Tox
Last Calib Update 2/11/2019 1:32 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 15:58 **Data File** b cal 1-5ng.d
Sample Type Calibration **Sample Name** b cal 1-5ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-A1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
lamotrigine	Cyclobenzaprine-D3	6.578	757	99023	0.0076	4.4762

ISP FORENSICS - Cd'A Instrument # 62340

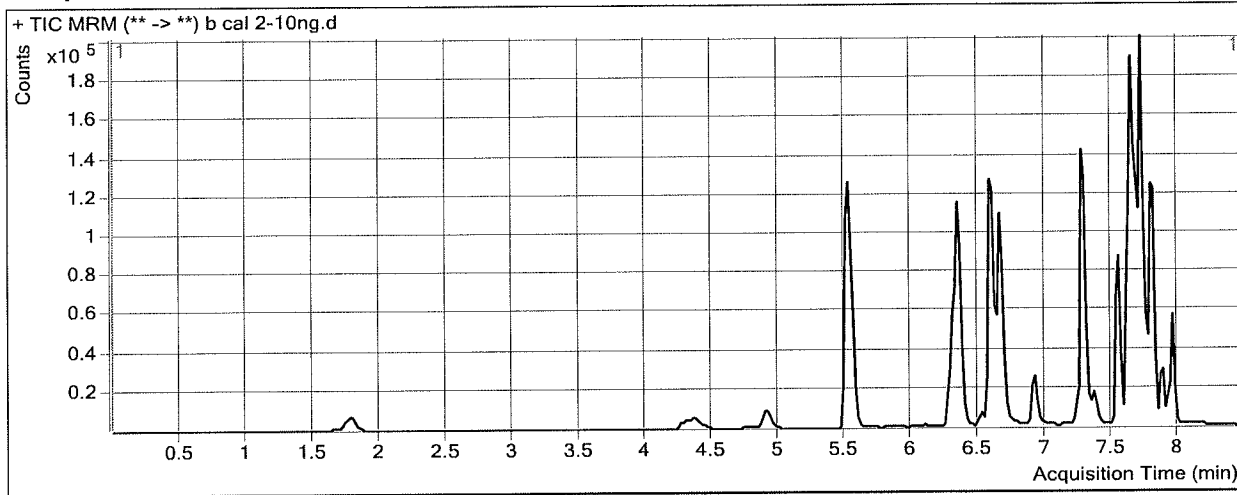
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b lamotrigine only.batch.bin
Analysis Time 2/11/2019 1:32 PM **Analyst Name** ISP Tox
Report Time 2/11/2019 1:33 PM **Reporter Name** ISP Tox
Last Calib Update 2/11/2019 1:32 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 16:24 **Data File** b cal 2-10ng.d
Sample Type Calibration **Sample Name** b cal 2-10ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-B1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
lamotrigine	Cyclobenzaprine-D3	6.618	2736	152133	0.0180	10.1289

ISP FORENSICS - Cd'A Instrument # 62340

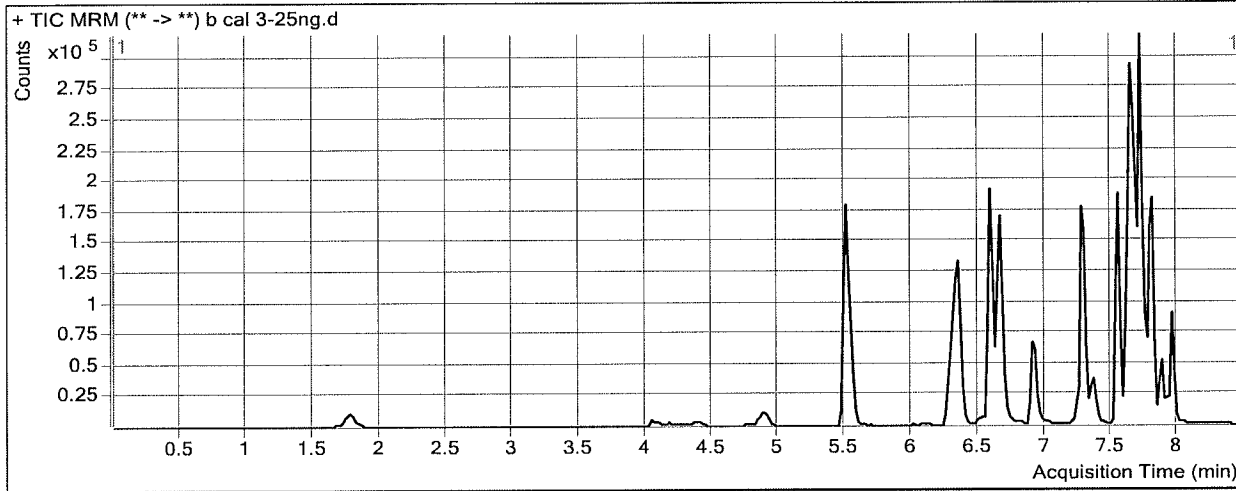
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b lamotrigine only.batch.bin
Analysis Time 2/11/2019 1:32 PM **Analyst Name** ISP Tox
Report Time 2/11/2019 1:33 PM **Reporter Name** ISP Tox
Last Calib Update 2/11/2019 1:32 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 16:49 **Data File** b cal 3-25ng.d
Sample Type Calibration **Sample Name** b cal 3-25ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-C1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
lamotrigine	Cyclobenzaprine-D3	6.598	7045	160178	0.0440	24.3483

ISP FORENSICS - Cd'A Instrument # 62340

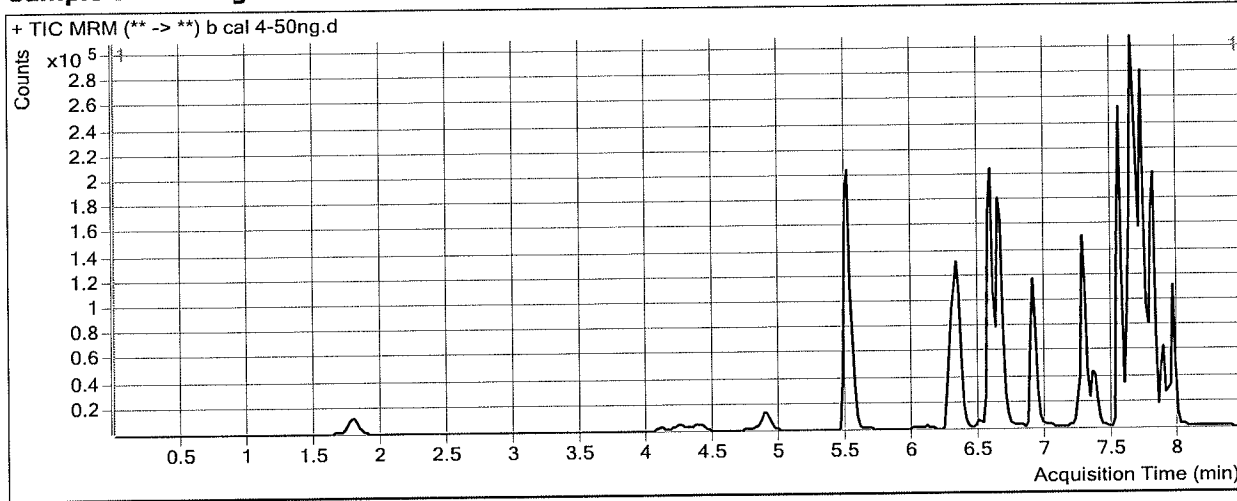
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b lamotrigine only.batch.bin
Analysis Time 2/11/2019 1:32 PM **Analyst Name** ISP Tox
Report Time 2/11/2019 1:33 PM **Reporter Name** ISP Tox
Last Calib Update 2/11/2019 1:32 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 17:15 **Data File** b cal 4-50ng.d
Sample Type Calibration **Sample Name** b cal 4-50ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-D1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
lamotrigine	Cyclobenzaprine-D3	6.598	12379	127556	0.0971	53.3743

ISP FORENSICS - Cd'A Instrument # 62340

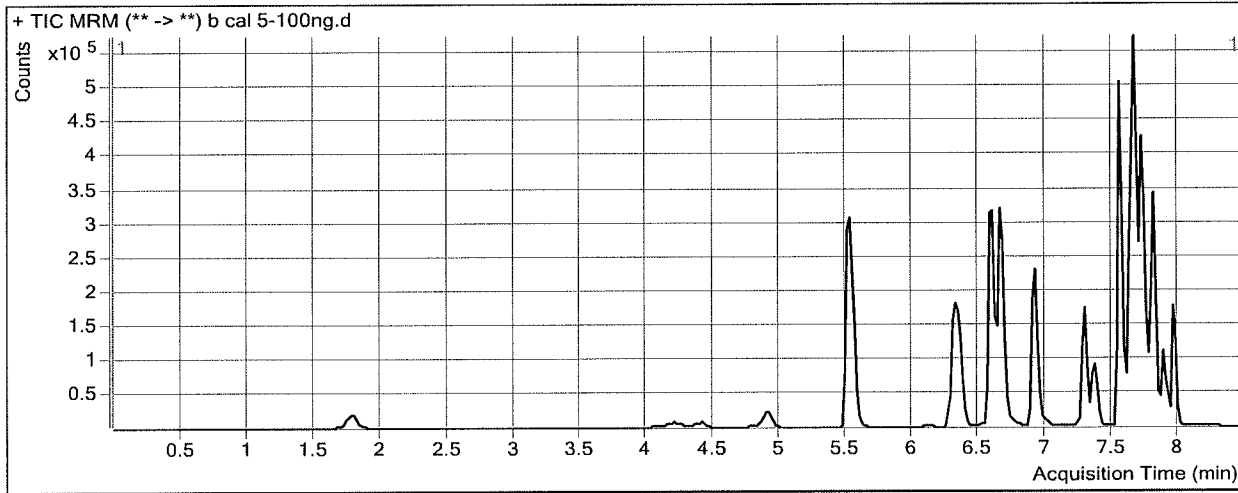
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b lamotrigine only.batch.bin
Analysis Time 2/11/2019 1:32 PM **Analyst Name** ISP Tox
Report Time 2/11/2019 1:33 PM **Reporter Name** ISP Tox
Last Calib Update 2/11/2019 1:32 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 17:40 **Data File** b cal 5-100ng.d
Sample Type Calibration **Sample Name** b cal 5-100ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-E1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
lamotrigine	Cyclobenzaprine-D3	6.618	24844	133521	0.1861	102.0585

ISP FORENSICS - Cd'A Instrument # 62340

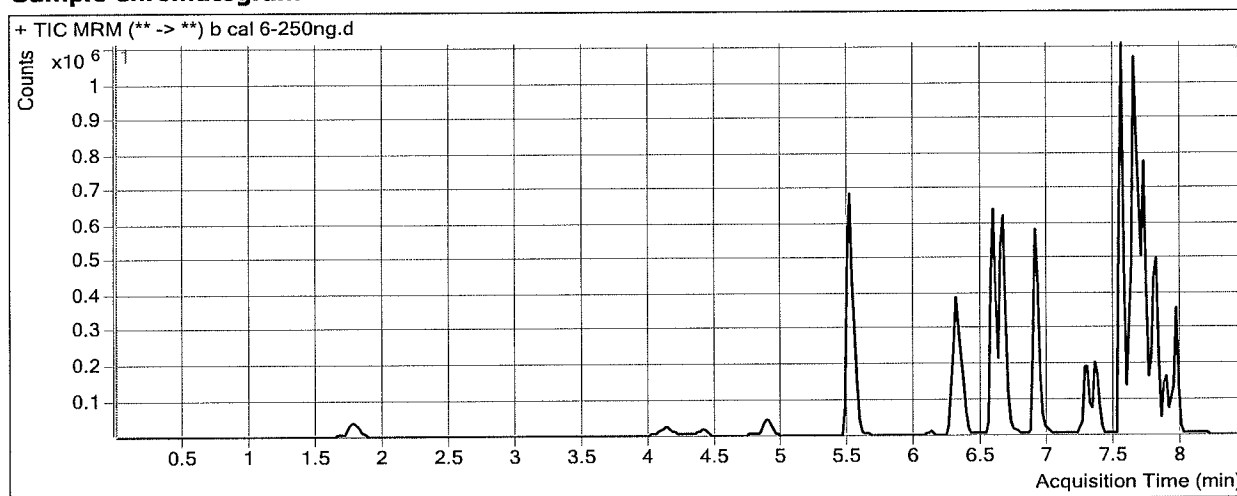
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b lamotrigine only.batch.bin
Analysis Time 2/11/2019 1:32 PM **Analyst Name** ISP Tox
Report Time 2/11/2019 1:33 PM **Reporter Name** ISP Tox
Last Calib Update 2/11/2019 1:32 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 18:05 **Data File** b cal 6-250ng.d
Sample Type Calibration **Sample Name** b cal 6-250ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-F1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
lamotrigine	Cyclobenzaprine-D3	6.598	57524	119129	0.4829	264.3875

ISP FORENSICS - Cd'A Instrument # 62340

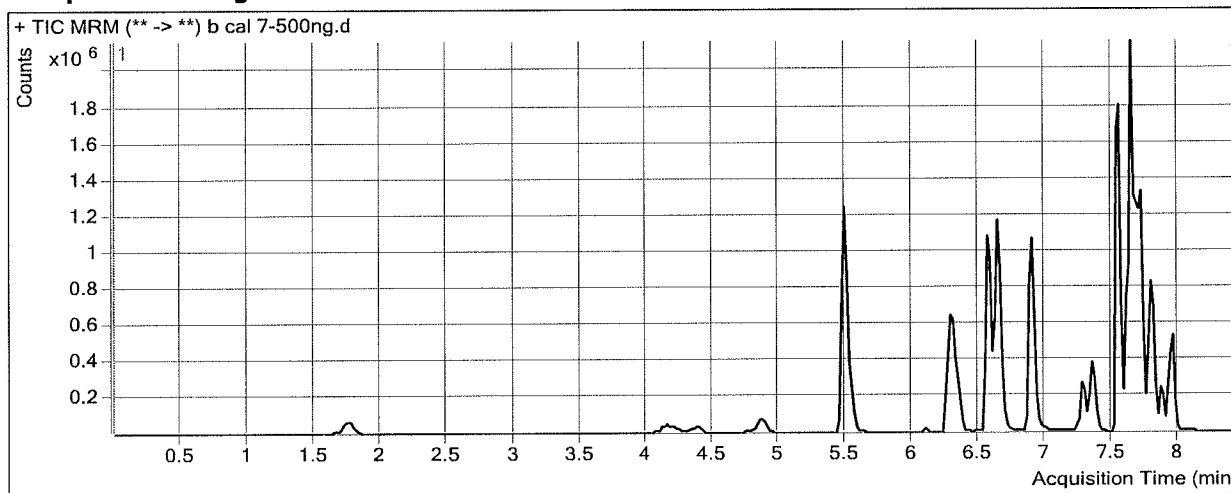
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b lamotrigine only.batch.bin
Analysis Time 2/11/2019 1:32 PM **Analyst Name** ISP Tox
Report Time 2/11/2019 1:33 PM **Reporter Name** ISP Tox
Last Calib Update 2/11/2019 1:32 PM **Batch State** . Processed

Analysis Info

Acq Time 2019-02-06 18:31 **Data File** b cal 7-500ng.d
Sample Type Calibration **Sample Name** b cal 7-500ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-G1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
lamotrigine	Cyclobenzaprine-D3	6.578	98513	109782	0.8974	491.0835

ISP FORENSICS - Cd'A Instrument # 62340

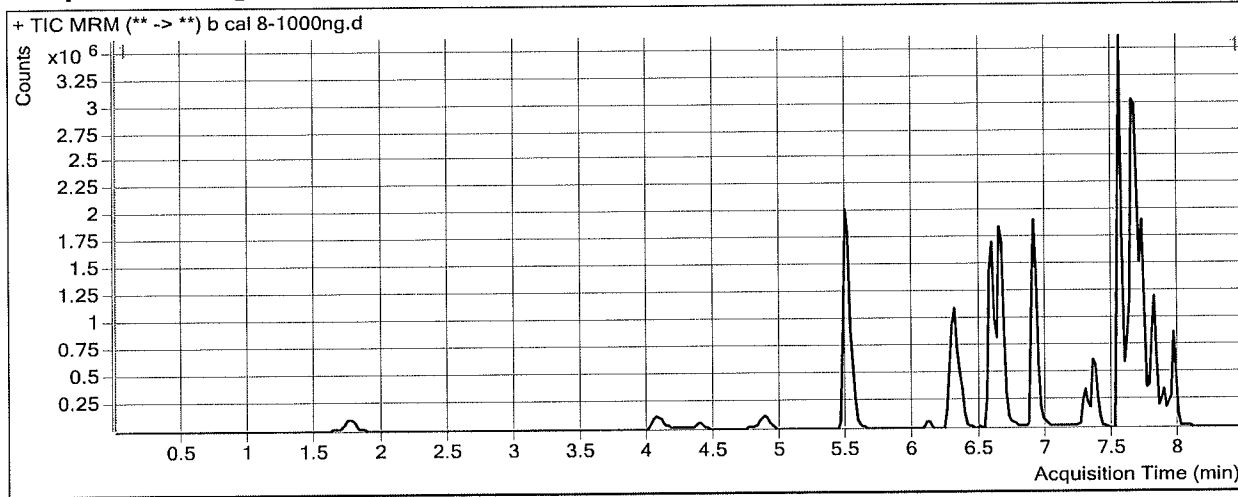
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\020619 mdq\QuantResults\mdqp1b lamotrigine only.batch.bin
Analysis Time 2/11/2019 1:32 PM **Analyst Name** ISP Tox
Report Time 2/11/2019 1:33 PM **Reporter Name** ISP Tox
Last Calib Update 2/11/2019 1:32 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-06 18:56 **Data File** b cal 8-1000ng.d
Sample Type Calibration **Sample Name** b cal 8-1000ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-H1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
lamotrigine	Cyclobenzaprine-D3	6.578	156363	86397	1.8098	990.1427