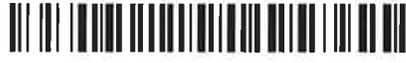


Worklist: 2729

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
M2018-3955	1	128835	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-4513	1	128836	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-4517	1	128837	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-4522	1	128838	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-4630	1	128839	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-4631	1	128840	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-4670	1	128841	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-4887	4	128842	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2277	1	128843	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2726	1	128844	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2728	1	128845	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2732	2	128846	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2787	1	128847	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2799	1	128848	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2800	1	128849	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2801	1	128850	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2805	1	128851	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2818	1	128852	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2819	1	128853	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	

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

TS JS

Extraction Date: 10/10/18 Analyst: Sarah Pickle
Plate lot#: 0530563 Plate Expiration: 05/21/19

Mobile phase A: 5mM Amm Form + 0.01% FA **Mobile phase B:** 0.01% Formic Acid in MeOH
0.5M Ammonium Hydroxide Ethyl Acetate 20% Methanol in Water
Blank Blood Lot: 361331-1 **Column:** Agilent 120 EC-C18 (2.1x 100-4um)
LCMS-QQQ ID: 59740

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID: #3** in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 067105*
- 4. Pipette **250µL 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: 067104
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 067103
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Create batch and process data.
Worklist path: 101018 MDQ P1 P2 SP Batch Name: P1a, P1b
- 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? Y / N _____ Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS: **Curve Range Limited:** Amphetamine 25-1000, Lorazepam 5-250, Norhydrocodone 10-1000, Benzoylcegonine 10-500, Buprenorphine 1-100, Norfentanyl 2.5-100, Oxazepam 10-1000

Did Not Evaluate: Codeine, Dihydrocodeine, Norbuprenorphine

Case number M2018-4492-2 ran with work list 2729, as Panel 1B did not inject in the original run performed on 09/24/18. Sarah Pickle acted as the primary analyst. I witnessed and approved of all methods performed during the analysis.

TS



Idaho State Police Forensic Services

TS
B

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

Analyst: Sarah Pickle
Extraction Date: 10/10/18
Worklist Number: 2729

<i>Reagent</i>	<i>Lot Number</i>	<i>Expiration Date</i>	<i>Date in Service</i>	<i>Date Out of Service</i>	<i>Initials</i>
ToxBox Benzo/Opiate Quant Plate	0530563	05/21/19			
Negative Blood	361331-1		05/25/18		
Methanol External Control Solution	121217	12/12/18	12/12/17		
Blood External Control Solution	WS121217	12/12/18	12/12/17		
0.5M Ammonium Hydroxide	082818	02/28/19	08/28/18		
Formic Acid (LCMS Grade)	095180B		11/15/17		
Water (LCMS Grade)	182702		6/21/18		
Methanol (LCMS Grade)	177145		04/11/18		
Ammonium Formate (LCMS Grade)	A0287238		01/30/17		
Ammonium Hydroxide (ACS grade or better)	053200		08/03/07		
Ethyl Acetate (ACS grade or better)	100362		06/26/17		
20% LCMS Methanol in LCMS Water	082818		08/28/18		
5mM Ammonium Formate + 0.01% Formic Acid in Water (Mobile Phase A)	100918		10/09/18		
0.01% Formic Acid in Methanol (Mobile Phase B)	100918		10/09/18		
Needle Rinse--75% LCMS MeOH in LCMS Water	100918		10/09/18		

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

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

Blood External Control Solution (Lot: WS121217)

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

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Blood	Hemostat	361331-3
Methanol External Control Solution		121217
Prepared:	12/12/17	
Prepared by:	Tamara Salazar	
Expires:	12/12/18	

0.5M Ammonium Hydroxide (Lot: 082818)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Hydroxide (ACS grade or better)	Fisher	053200
DI Water	-	-
Prepared:	08/28/18	
Prepared By:	Tamara Salazar	
Expires:	02/28/19	

20% LCMS Methanol in LCMS Water (Lot: 082818)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
MeOH (LCMS Grade)	Fisher	177145
Water (LCMS Grade)	Fisher	182702
Prepared:	08/28/18	
Prepared By:	Tamara Salazar	

5mM Ammonium Formate + 0.01% Formic Acid in Water (Lot: 100918)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Formate	Arcos Organics	A0287238
LCMS Water	Fisher	182702
Formic Acid	Fisher	095180B
Prepared:	10/09/18	
Prepared By:	Tamara Salazar	

0.01% Formic Acid in LCMS Methanol (Mobile Phase B) (Lot: 100918)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Formic Acid	Fisher	095180B
MeOH (LCMS Grade)	Fisher	177145
Prepared:	10/09/18	
Prepared By:	Tamara Salazar	

Needle Rinse (75% LCMS MeOH in LCMS Water) (Lot: 100918)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
MeOH (LCMS Grade)	Fisher	177145
Water (LCMS Grade)	Fisher	182702
Prepared:	10/09/18	
Prepared By:	Sarah Pickle	

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

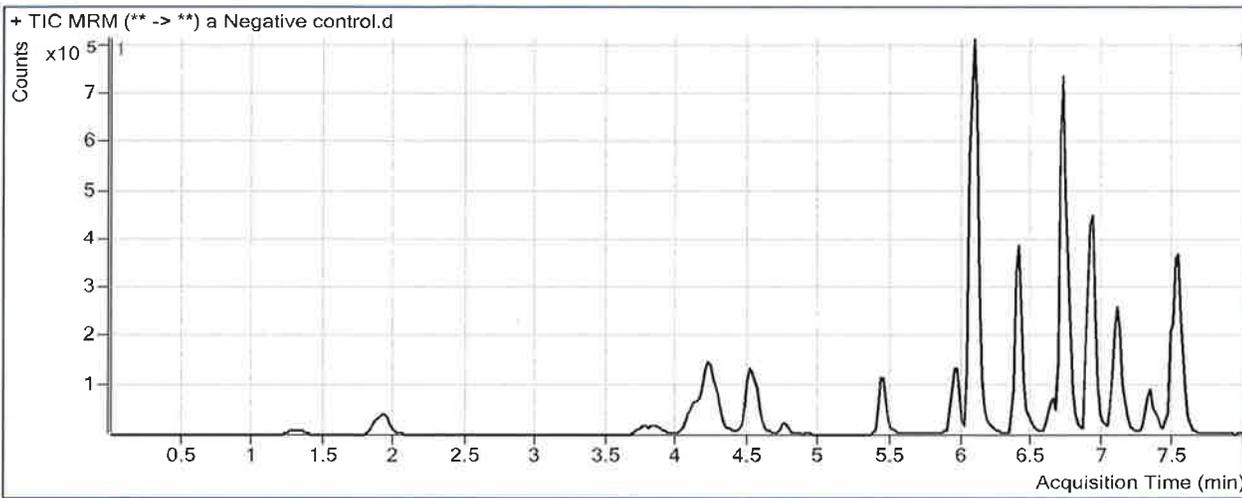
TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin
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Report Time 10/12/2018 10:54 AM **Reporter Name** ISPUser
Last Calib Update 10/12/2018 10:21 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 19:21 **Data File** a Negative control.d
Sample Type Sample **Sample Name** a Negative control.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-E2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Amphetamine	Amphetamine-D11	4.283	247715	313056	0.7913	1.6083 <10

TS


ISP FORENSICS - Pocatello Instrument # 59740

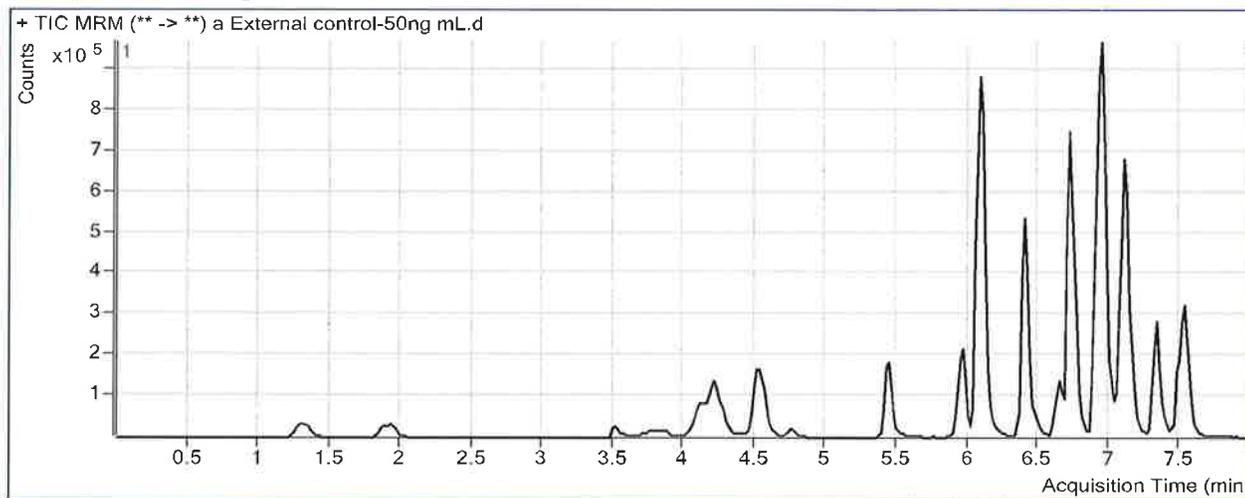
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin
Analysis Time 10/12/2018 10:22 AM **Analyst Name** ISPUser
Report Time 10/12/2018 10:54 AM **Reporter Name** ISPUser
Last Calib Update 10/12/2018 10:21 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 19:52 **Data File** a External control-50ng mL.d
Sample Type Sample **Sample Name** a External control-50ng mL.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-F2 **Sample Info**
Inj Vol -1 **Comment** AM 28; WS121217 50 ng trazodone, ketamine, morphine, quetiapine

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
<u>Morphine</u>	Morphine-D6	1.328	69964	29511	2.3708	46.0787
Amphetamine	Amphetamine-D11	4.283	135868	454540	0.2989	0.0000
<u>Trazodone</u>	Trazodone-D6	6.956	994982	734367	1.3549	43.7338

TS
P

ISP FORENSICS - Pocatello Instrument # 59740

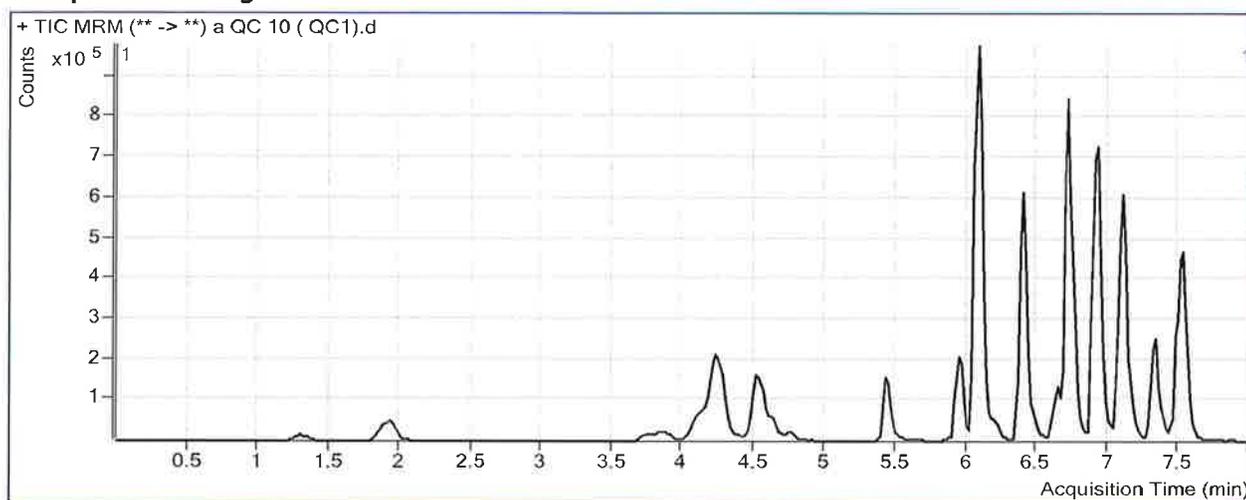
Multi-Drug Confirmatory Analysis Report

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Analysis Time	10/17/2018 2:38 PM	Analyst Name	ISPUser
Report Time	10/17/2018 2:44 PM	Reporter Name	ISPUser
Last Calib Update	10/17/2018 2:38 PM	Batch State	Processed

Analysis Info

Acq Time	2018-10-10 20:55	Data File	a QC 10 (QC1).d
Sample Type	QC	Sample Name	a QC 10 (QC1).d
Dilution	1	Acq Method	MD Quant Panel 1a 7-11-18.m
Position	P1-A2	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	15623	33276	0.4695	11.2122
Hydromorphone	Hydromorphone-D6	1.929	54847	227282	0.2413	9.3993
Codeine	Codeine-D6	3.852	21897	94661	0.2313	9.6028
Oxycodone	Oxycodone-D6	4.250	196609	743338	0.2645	10.0825
Amphetamine	Methamphetamine-D11	4.263	463440	387729	1.1953	11.2361
Hydrocodone	Hydrocodone-D6	4.554	58759	361627	0.1625	10.1149
Norhydrocodone	Norhydrocodone-D3	4.578	6909	113186	0.0610	14.7477
Methamphetamine	Methamphetamine-D11	4.642	153401	387729	0.3956	9.8445
6-MAM	6-MAM-D6	4.749	2189	85595	0.0256	1.0200
Phentermine	Phentermine-D5	5.466	65398	631658	0.1035	10.1669
Dextroprphan	Dextroprphan-D3	5.942	71601	617765	0.1159	10.2626
7-aminoclonazepam	7-Aminoclonazepam-D4	6.074	110099	457562	0.2406	9.9637
Tramadol	Tramadol-13C-D3	6.100	490319	2673120	0.1834	9.7162
Metoprolol	Tramadol-13C-D3	6.201	45446	2673120	0.0170	9.7131
Doxylamine	Doxylamine-D5	6.423	279676	1810257	0.1545	9.3753
Bupropion	Bupropion-D9	6.671	95519	336073	0.2842	9.7915
Zolpidem	Zolpidem-D6	6.739	419074	2474203	0.1694	9.6284
Meprobamate	Meprobamate-D7	6.773	35507	150002	0.2367	9.3720
Venlafaxine	Venlafaxine-D6	6.926	439999	1685557	0.2610	9.8144
Trazodone	Trazodone-D6	6.935	149787	495460	0.3023	10.4405

Did not evaluate outside curve range

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report a QC 10

TS
P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.058	133764	677390	0.1975	9.8190
Dextromethorphan	Dextromethorphan-D3	7.108	44497	165536	0.2688	10.1174
Diphenhydramine	Diphenhydramine-D3	7.113	287452	1295107	0.2220	10.3818
Promethazine	Promethazine-D3	7.329	190333	586421	0.3246	10.9447
Clonazepam	Clonazepam-D4	7.386	54104	40296	1.3427	12.3338
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.461	13643	72114	0.1892	9.2484
Lorazepam	Clonazepam-D4	7.523	16117	40296	0.4000	12.2054
Alprazolam	Alprazolam-D5	7.528	278080	985772	0.2821	9.3113
Carisoprodol	Carisoprodol-D7	7.494	143022	560600	0.2551	10.6208

TS D

ISP FORENSICS - Pocatello Instrument # 59740

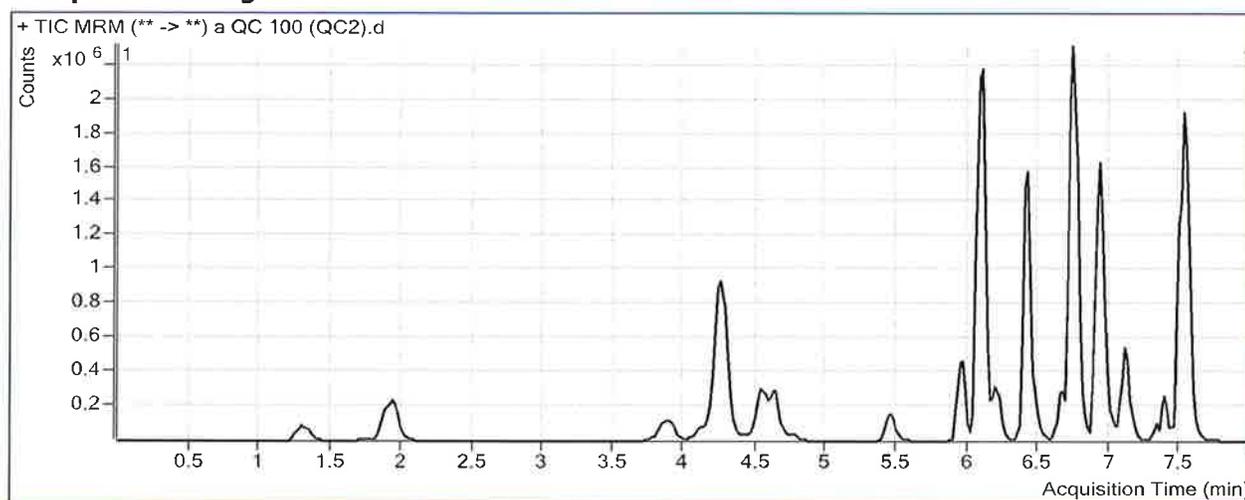
Multi-Drug Confirmatory Analysis Report

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Analysis Time 10/17/2018 2:38 PM **Analyst Name** ISUser
Report Time 10/17/2018 2:44 PM **Reporter Name** ISUser
Last Calib Update 10/17/2018 2:38 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 23:01 **Data File** a QC 100 (QC2).d
Sample Type QC **Sample Name** a QC 100 (QC2).d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-B2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	197324	36731	5.3722	101.1177
Hydromorphone	Hydromorphone-D6	1.929	692192	243113	2.8472	97.0886
Codaine	Codaine-D6	3.892	228799	96405	2.3733	95.3179 <i>Did not evaluate</i>
Oxycodone	Oxycodone-D6	4.250	2133046	711853	2.9965	101.6031
Amphetamine	Methamphetamine-D11	4.263	1979187	214101	9.2442	175.1332
Hydrocodone	Hydrocodone-D6	4.534	644666	346595	1.8600	99.4608
Norhydrocodone	Norhydrocodone-D3	4.578	70411	103042	0.6833	108.1998
Methamphetamine	Methamphetamine-D11	4.642	967847	214101	4.5205	101.0302
6-MAM	6-MAM-D6	4.769	21555	88287	0.2441	9.3969
Phentermine	Phentermine-D5	5.486	439477	420068	1.0462	97.0974
Dextrophan	Dextrophan-D3	5.962	558153	417266	1.3376	106.6929
7-aminoclonazepam	7-Aminoclonazepam-D4	6.074	1196872	475108	2.5192	97.5100
Tramadol	Tramadol-13C-D3	6.100	4407218	2323274	1.8970	93.8264
Metoprolol	Tramadol-13C-D3	6.201	411189	2323274	0.1770	98.0667
Doxylamine	Doxylamine-D5	6.423	2035228	1357446	1.4993	83.2249
Bupropion	Bupropion-D9	6.671	527606	176811	2.9840	91.1741
Zolpidem	Zolpidem-D6	6.739	4290342	2453258	1.7488	89.6543
Meprobamate	Meprobamate-D7	6.773	456238	177075	2.5765	89.2738
Venlafaxine	Venlafaxine-D6	6.926	3366844	1261257	2.6694	91.5242
Trazodone	Trazodone-D6	6.956	729361	206123	3.5385	112.8020

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report a QC 100

TS D

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.078	373226	189232	1.9723	82.6827
Dextromethorphan	Dextromethorphan-D3	7.088	91352	29164	3.1324	108.9682
Diphenhydramine	Diphenhydramine-D3	7.134	809813	365549	2.2153	95.3175
Promethazine	Promethazine-D3	7.329	206896	63511	3.2577	96.0710
Clonazepam	Clonazepam-D4	7.386	658180	47029	13.9951	115.5921
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.461	186502	78603	2.3727	100.3957
Lorazepam	Clonazepam-D4	7.503	213291	47029	4.5353	118.9276
Alprazolam	Alprazolam-D5	7.548	2992600	1004046	2.9805	89.1504
Carisoprodol	Carisoprodol-D7	7.494	1561664	569830	2.7406	105.9089

TS
R

ISP FORENSICS - Pocatello Instrument # 59740

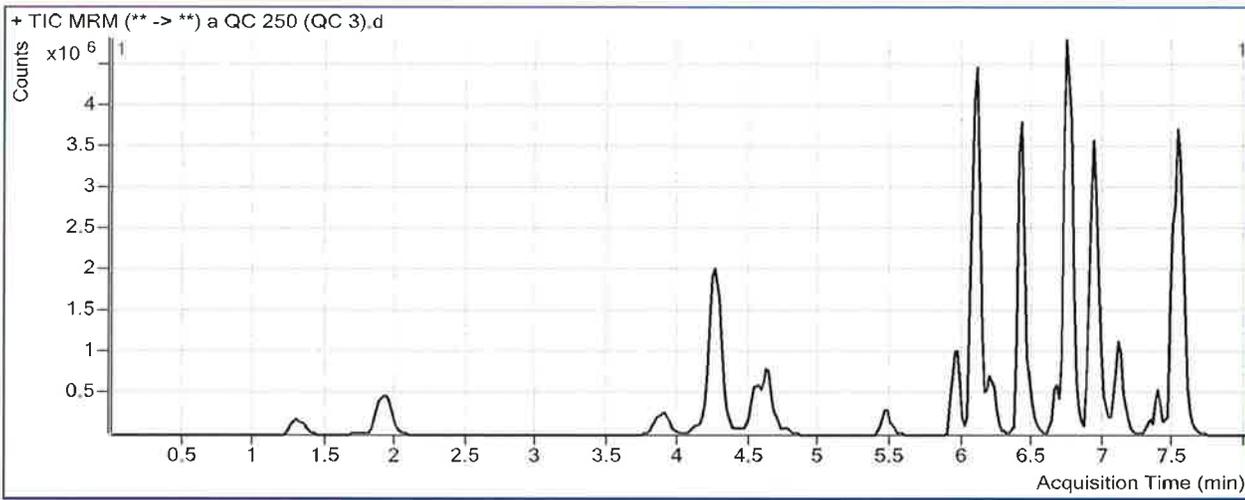
Multi-Drug Confirmatory Analysis Report

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Report Time	10/17/2018 2:44 PM	Reporter Name	ISPUser
Last Calib Update	10/17/2018 2:38 PM	Batch State	Processed

Analysis Info

Acq Time	2018-10-11 01:38	Data File	a QC 250 (QC 3).d
Sample Type	QC	Sample Name	a QC 250 (QC 3).d
Dilution	1	Acq Method	MD Quant Panel 1a 7-11-18.m
Position	P1-C2	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	460580	32293	14.2626	264.1500
Hydromorphone	Hydromorphone-D6	1.929	1597678	206847	7.7240	261.1932
Codeine	Codeine-D6	3.892	530943	84193	6.3063	252.7015
Oxycodone	Oxycodone-D6	4.250	4985406	636026	7.8384	263.8058
Amphetamine	Methamphetamine-D11	4.263	4364312	233293	18.7075	367.8317
Hydrocodone	Hydrocodone-D6	4.554	1579029	315982	4.9972	264.5837
Norhydrocodone	Norhydrocodone-D3	4.578	154785	89281	1.7337	265.9392
Methamphetamine	Methamphetamine-D11	4.642	2670163	233293	11.4456	254.1179
6-MAM	6-MAM-D6	4.769	51785	80644	0.6421	24.6505
Phentermine	Phentermine-D5	5.486	1167666	405527	2.8794	266.1478
Dextrophan	Dextrophan-D3	5.962	1395992	406736	3.4322	272.0128
7-aminoclonazepam	7-Aminoclonazepam-D4	6.074	2551035	397452	6.4185	247.3301
Tramadol	Tramadol-13C-D3	6.100	11157628	2197236	5.0780	249.9681
Metoprolol	Tramadol-13C-D3	6.201	969127	2197236	0.4411	243.9069
Doxylamine	Doxylamine-D5	6.423	5447546	1342248	4.0585	223.7629
Bupropion	Bupropion-D9	6.671	1153518	148604	7.7624	235.2127
Zolpidem	Zolpidem-D6	6.739	10659858	2180660	4.8884	248.7239
Meprobamate	Meprobamate-D7	6.773	1035049	147422	7.0210	241.0486
Venlafaxine	Venlafaxine-D6	6.926	8673902	1213158	7.1499	243.5316
Trazodone	Trazodone-D6	6.956	1843637	213436	8.6379	274.0998

Did not evaluate

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report a QC 250

TS
D

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.078	940383	158678	5.9264	245.0089
Dextromethorphan	Dextromethorphan-D3	7.108	237635	27167	8.7472	302.7916
Diphenhydramine	Diphenhydramine-D3	7.134	2014157	330495	6.0944	260.5988
Promethazine	Promethazine-D3	7.329	444166	47138	9.4226	274.9951
Clonazepam	Clonazepam-D4	7.386	1458771	39625	36.8142	301.8219
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.461	442332	71264	6.2069	260.4494
Lorazepam	Clonazepam-D4	7.503	455856	39625	11.5042	298.7778
Alprazolam	Alprazolam-D5	7.548	6555940	817166	8.0228	238.3355
Carisoprodol	Carisoprodol-D7	7.494	3434478	490175	7.0066	269.4621

TS
P

ISP FORENSICS - Pocatello Instrument # 59740

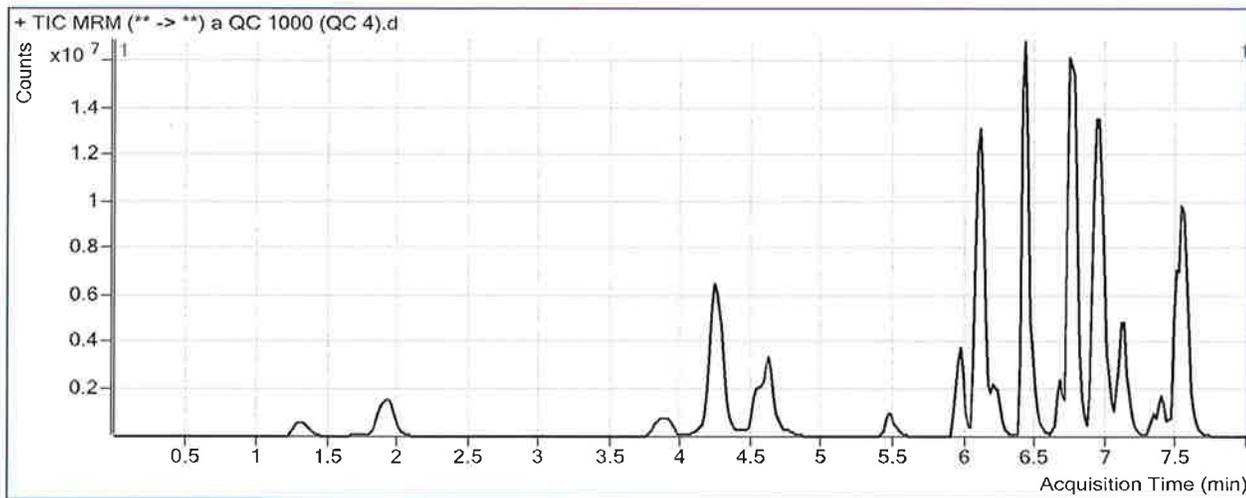
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin		
Analysis Time	10/17/2018 2:38 PM	Analyst Name	ISPUser
Report Time	10/17/2018 2:44 PM	Reporter Name	ISPUser
Last Calib Update	10/17/2018 2:38 PM	Batch State	Processed

Analysis Info

Acq Time	2018-10-11 03:59	Data File	a QC 1000 (QC 4).d
Sample Type	QC	Sample Name	a QC 1000 (QC 4).d
Dilution	1	Acq Method	MD Quant Panel 1a 7-11-18.m
Position	P1-D2	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	1588539	26194	60.6452	1114.7123
Hydromorphone	Hydromorphone-D6	1.929	5715022	178669	31.9866	1077.6399
Codeine	Codeine-D6	3.892	1829312	73788	24.7915	992.4180
Oxycodone	Oxycodone-D6	4.230	20027462	574750	34.8455	1168.5410
Amphetamine	Methamphetamine-D11	4.243	13609312	232121	58.6303	1180.7690
Hydrocodone	Hydrocodone-D6	4.534	6038862	315927	19.1147	1007.6380
Norhydrocodone	Norhydrocodone-D3	4.578	552594	65238	8.4704	1277.6406
Methamphetamine	Methamphetamine-D11	4.622	11840046	232121	51.0081	1128.7025
6-MAM	6-MAM-D6	4.769	213478	77954	2.7385	104.9961
Phentermine	Phentermine-D5	5.466	4169612	403297	10.3388	954.0367
Dextrophan	Dextrophan-D3	5.962	5434875	388061	14.0052	1106.5290
7-aminoclonazepam	7-Aminoclonazepam-D4	6.074	7010056	294626	23.7930	914.8973
Tramadol	Tramadol-13C-D3	6.100	42581628	2021156	21.0680	1034.8347
Metoprolol	Tramadol-13C-D3	6.201	3278240	2021156	1.6220	896.0677
Doxylamine	Doxylamine-D5	6.423	26213511	1468753	17.8475	980.9743
Bupropion	Bupropion-D9	6.671	4367116	128546	33.9733	1025.3125
Zolpidem	Zolpidem-D6	6.739	44342739	2074024	21.3801	1084.3031
Meprobamate	Meprobamate-D7	6.793	3440035	103399	33.2696	1137.4072
Venlafaxine	Venlafaxine-D6	6.926	39795634	1203523	33.0659	1122.7882
Trazodone	Trazodone-D6	6.956	11600003	298021	38.9235	1232.0514

Did not evaluate.

TS
P

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.078	4542702	187365	24.2452	997.0583
Dextromethorphan	Dextromethorphan-D3	7.108	1209230	36885	32.7839	1132.5444
Diphenhydramine	Diphenhydramine-D3	7.134	9846959	379779	25.9282	1105.6931
Promethazine	Promethazine-D3	7.329	2632488	66744	39.4413	1146.2213
Clonazepam	Clonazepam-D4	7.386	4783648	32894	145.4267	1188.2229
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.461	1858813	74734	24.8725	1039.6193
Lorazepam	Clonazepam-D4	7.503	1868351	32894	56.7994	1467.7303
Alprazolam	Alprazolam-D5	7.548	19944056	536372	37.1832	1101.1087
Carisoprodol	Carisoprodol-D7	7.494	8368486	317382	26.3672	1011.7128

outside
curve range

ISP Forensics Calibration Curve Report

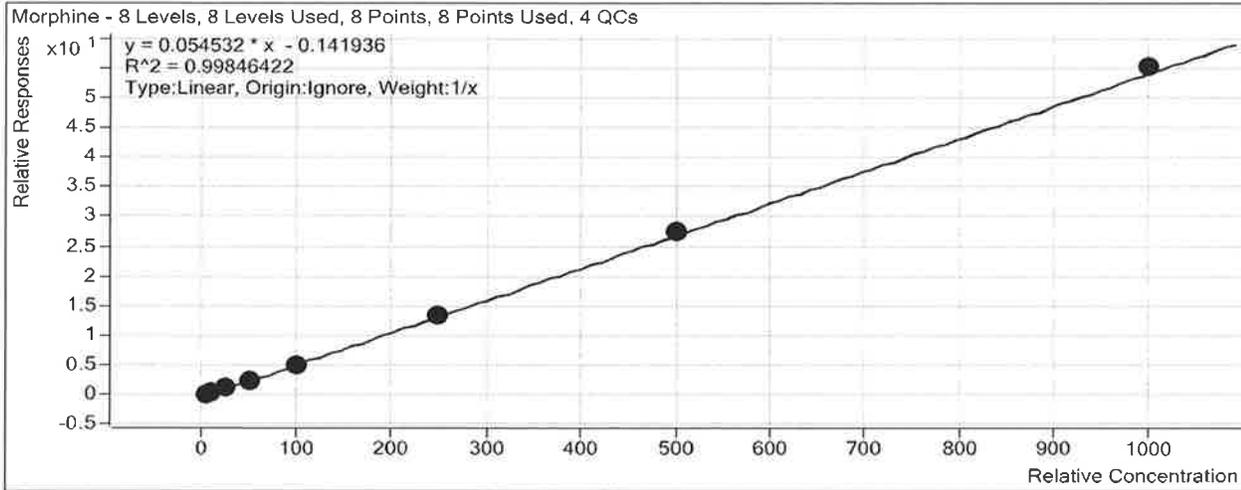
TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	6.4	128.9
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.2	101.7
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	11.2	112.1
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.8	91.3
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	42.8	85.6
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	91.6	91.6
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	101.1	101.1
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	245.3	98.1
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	264.2	105.7
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	506.6	101.3
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1014.3	101.4
a QC 1000 (QC 4).d	8	<input type="checkbox"/>	1000	1114.7	111.5

ISP Forensics Calibration Curve Report

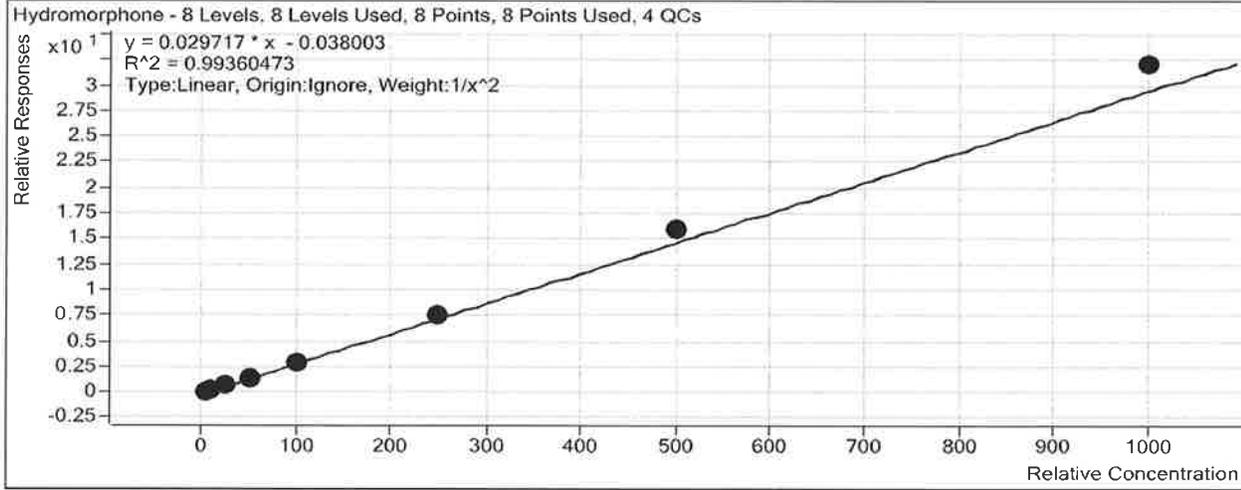
TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	105.3
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.5	94.6
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.4	94.0
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.4	89.8
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.4	92.8
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	99.7	99.7
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	97.1	97.1
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	256.3	102.5
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	261.2	104.5
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	537.2	107.4
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1079.2	107.9
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1077.6	107.8

ISP Forensics Calibration Curve Report

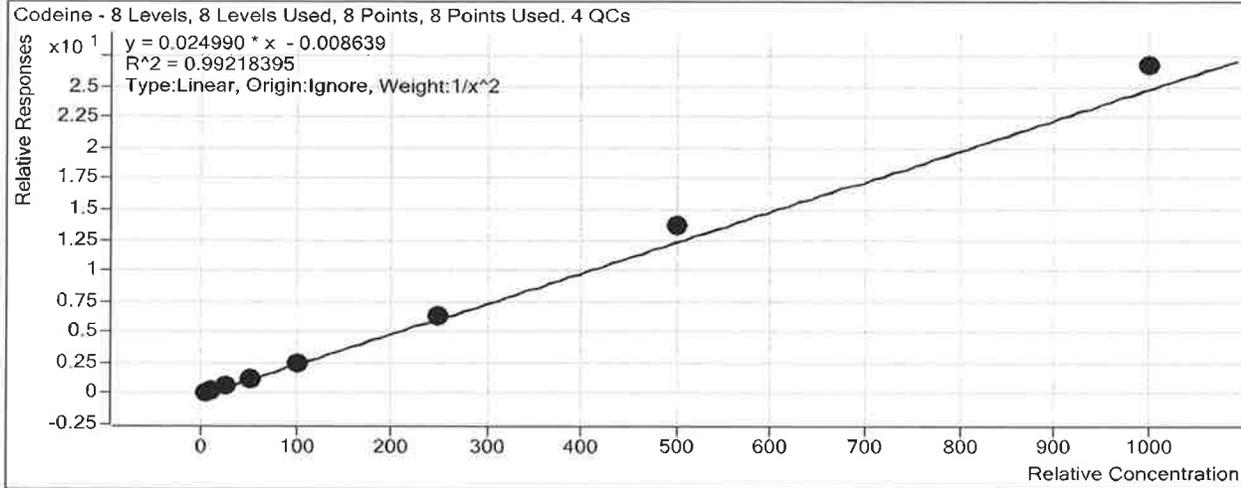
TS D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

Target Compound Codeine
Internal Standard Codeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.4	107.3
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.0	89.8
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.6	96.0
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.8	91.0
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.1	94.2
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	100.1	100.1
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	95.3	95.3
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	251.9	100.8
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	252.7	101.1
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	548.8	109.8
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1070.1	107.0
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	992.4	99.2

TS

Did not evaluate → poor peak shape. D

ISP Forensics Calibration Curve Report

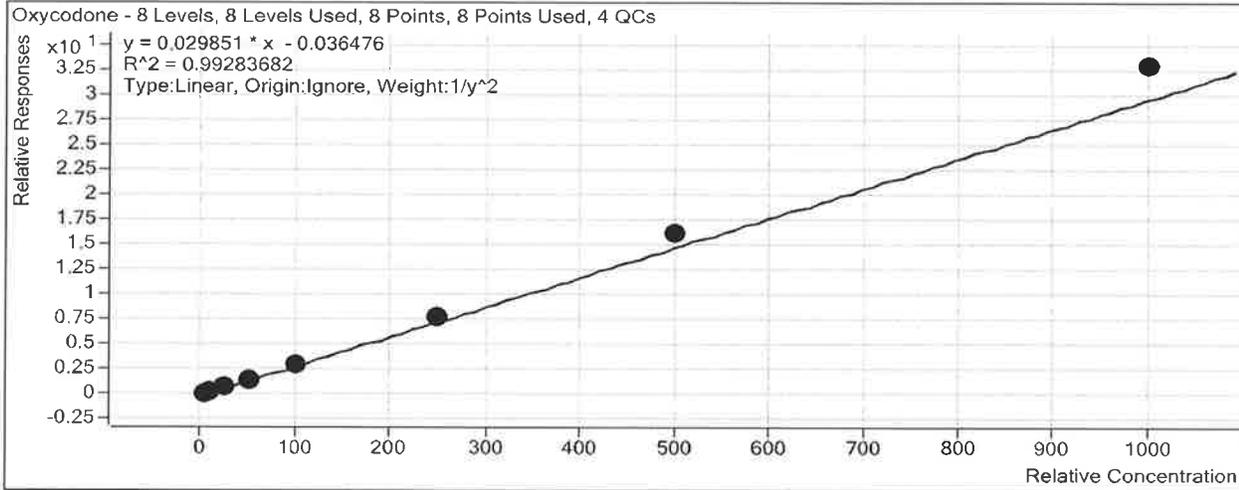
TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

Target Compound Oxycodone
Internal Standard Oxycodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	104.5
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.4	94.4
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.1	100.8
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.8	91.2
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.5	95.1
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	98.9	98.9
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	101.6	101.6
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	259.7	103.9
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	263.8	105.5
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	546.5	109.3
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1104.1	110.4
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1168.5	116.9

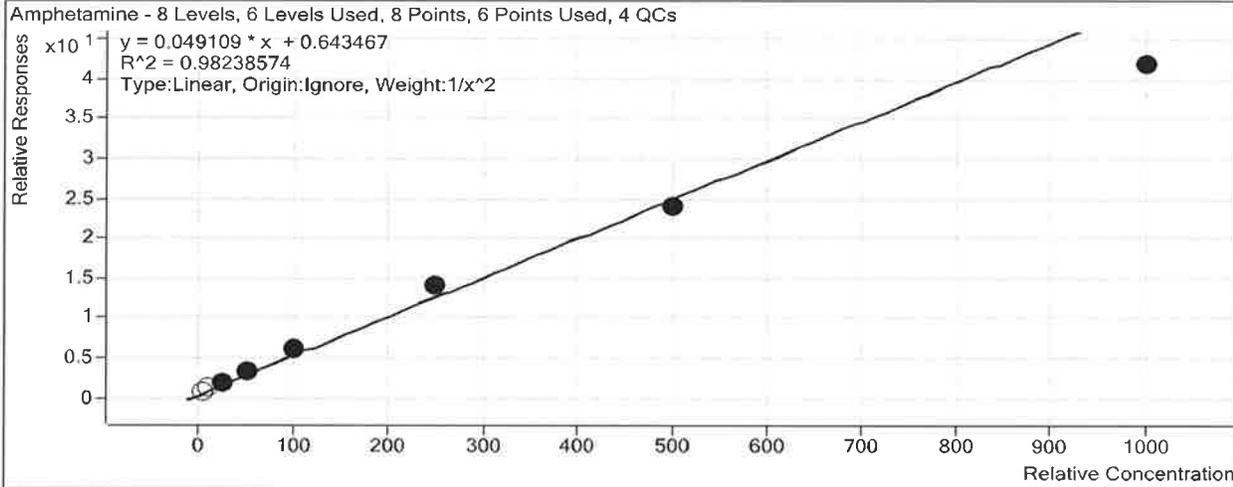
ISP Forensics Calibration Curve Report

TS
D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/17/2018 2:38 PM **Analyst Name** ISP TOX

Target Compound Amphetamine
Internal Standard Methamphetamine-D11



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input type="checkbox"/>	5	4.6	92.6
a cal 2-10ng.d	2	<input type="checkbox"/>	10	12.4	124.4
a QC 10 (QC1).d	2	<input type="checkbox"/>	10	11.2	112.4
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.3	93.1
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	54.2	108.4
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	109.3	109.3
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	175.1	175.1
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	274.0	109.6
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	367.8	147.1
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	478.8	95.8
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	838.4	83.8
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1180.8	118.1

ISP Forensics Calibration Curve Report

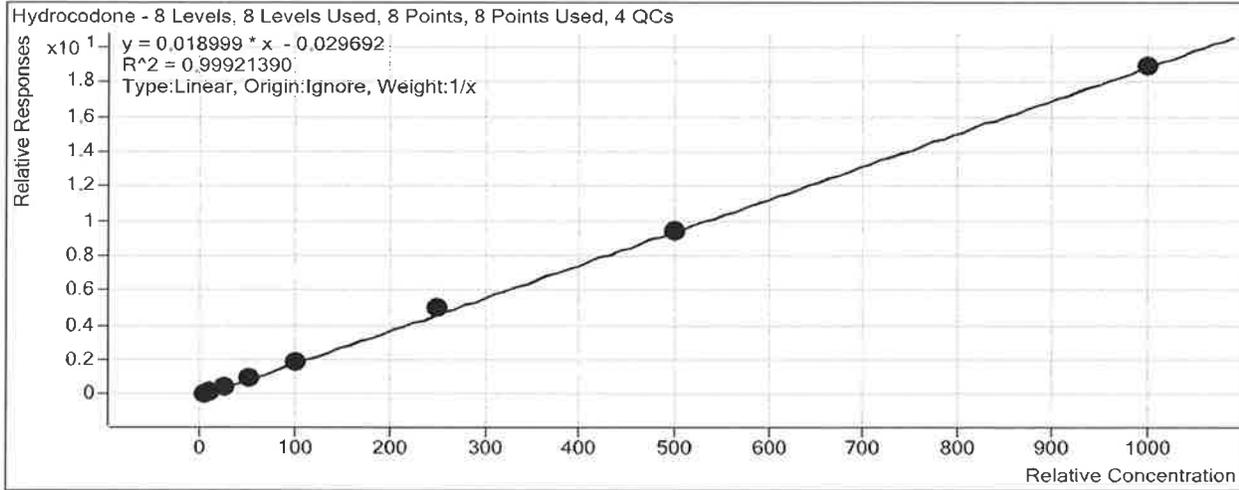
TS
R

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.8	115.1
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.4	93.9
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.1	101.1
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.1	92.5
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.5	95.1
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	98.9	98.9
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	99.5	99.5
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	264.9	106.0
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	264.6	105.8
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	494.3	98.9
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	996.0	99.6
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1007.6	100.8

ISP Forensics Calibration Curve Report

TS
P

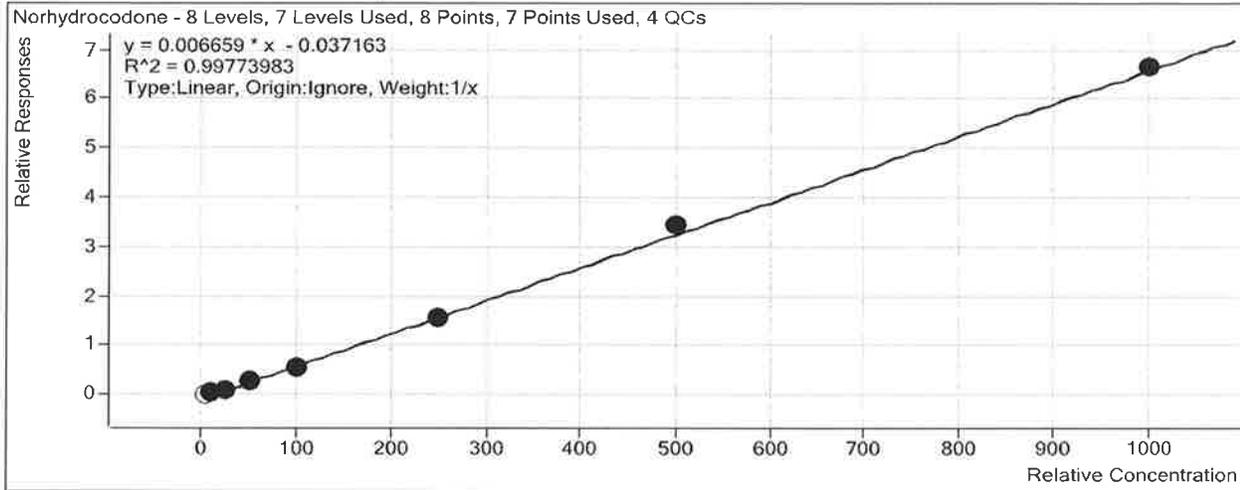
Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

Target Compound *Norhydrocodone*

Internal Standard *Norhydrocodone-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input type="checkbox"/>	5	10.3	205.3
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	12.2	121.5
a QC 10 (QC1).d	2	<input type="checkbox"/>	10	14.7	147.5
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.4	97.8
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.4	92.8
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	87.8	87.8
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	108.2	108.2
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	238.4	95.4
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	265.9	106.4
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	522.2	104.4
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1003.6	100.4
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1277.6	127.8

ISP Forensics Calibration Curve Report

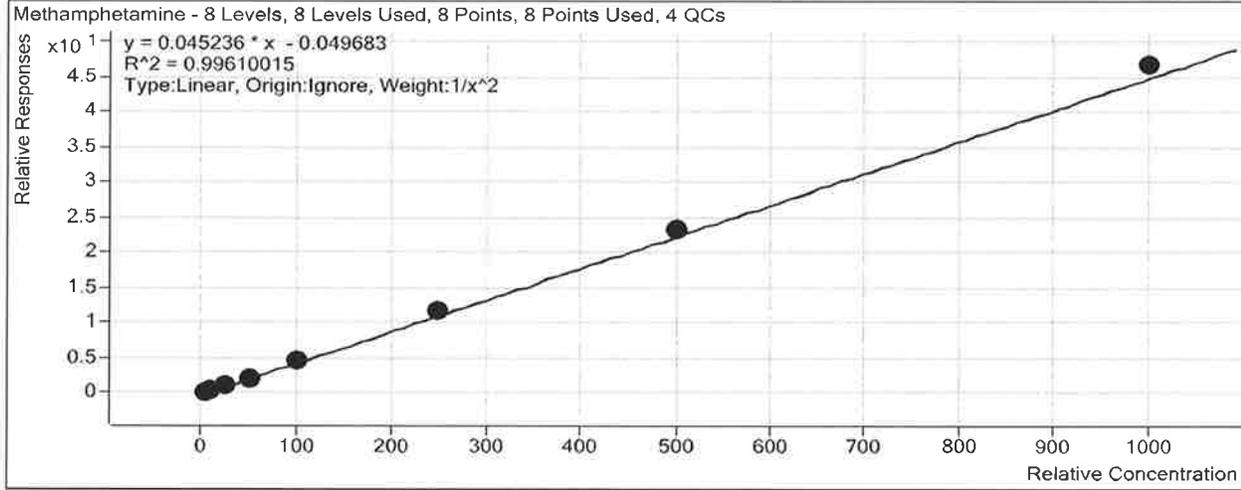
TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	105.1
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.4	93.6
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.8	98.4
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.8	91.1
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.7	97.4
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	100.2	100.2
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	101.0	101.0
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	262.7	105.1
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	254.1	101.6
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	520.0	104.0
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1035.2	103.5
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1128.7	112.9

ISP Forensics Calibration Curve Report

TS
P

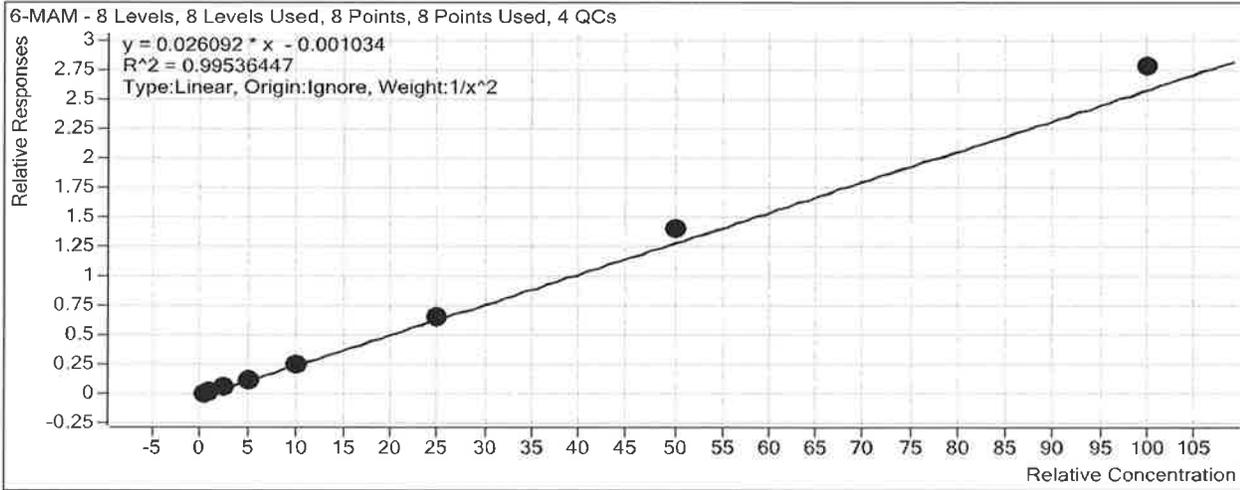
Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 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.d	1	<input checked="" type="checkbox"/>	0.5	0.5	102.9
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	1	1.0	98.7
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	1	1.0	102.0
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	2.5	2.3	92.6
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	5	4.6	91.8
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	10	9.8	97.8
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	10	9.4	94.0
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	25	25.4	101.7
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	25	24.7	98.6
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	50	53.8	107.6
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	100	106.9	106.9
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	100	105.0	105.0

ISP Forensics Calibration Curve Report

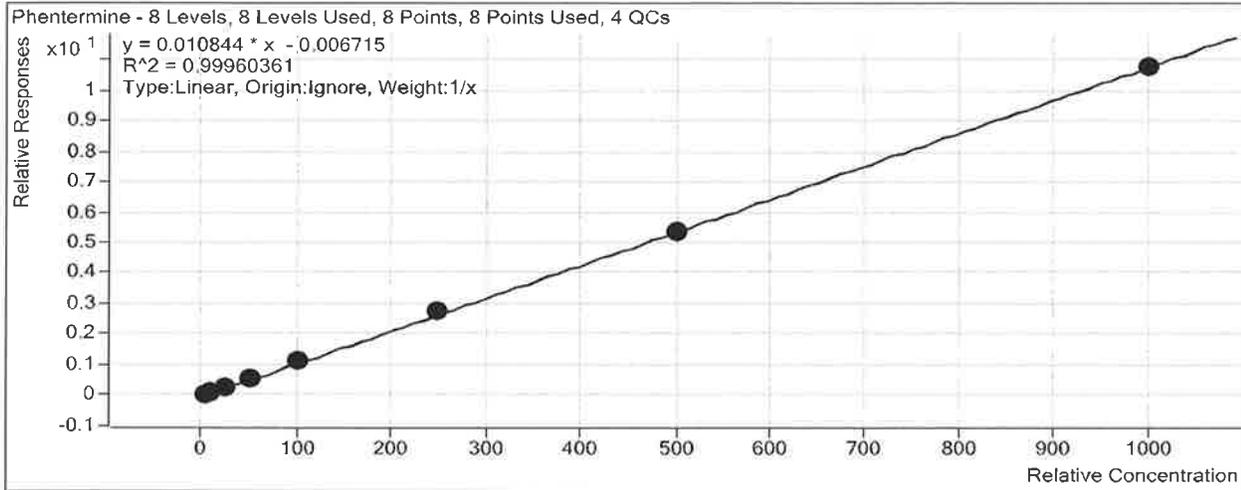
TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.0	99.5
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.4	93.8
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.2	101.7
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.5	98.1
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	50.8	101.6
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	106.5	106.5
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	97.1	97.1
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	255.5	102.2
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	266.1	106.5
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	494.5	98.9
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	993.9	99.4
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	954.0	95.4

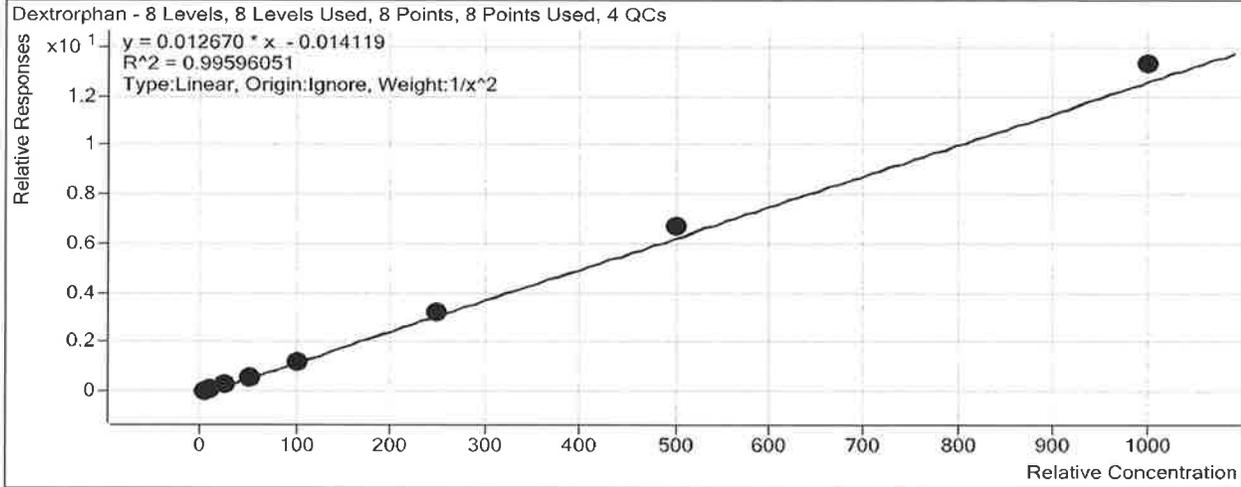
ISP Forensics Calibration Curve Report

TS
D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	104.7
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.5	94.6
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.3	102.6
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.0	91.9
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.8	95.5
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	98.6	98.6
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	106.7	106.7
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	258.5	103.4
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	272.0	108.8
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	530.5	106.1
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1051.3	105.1
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1106.5	110.7

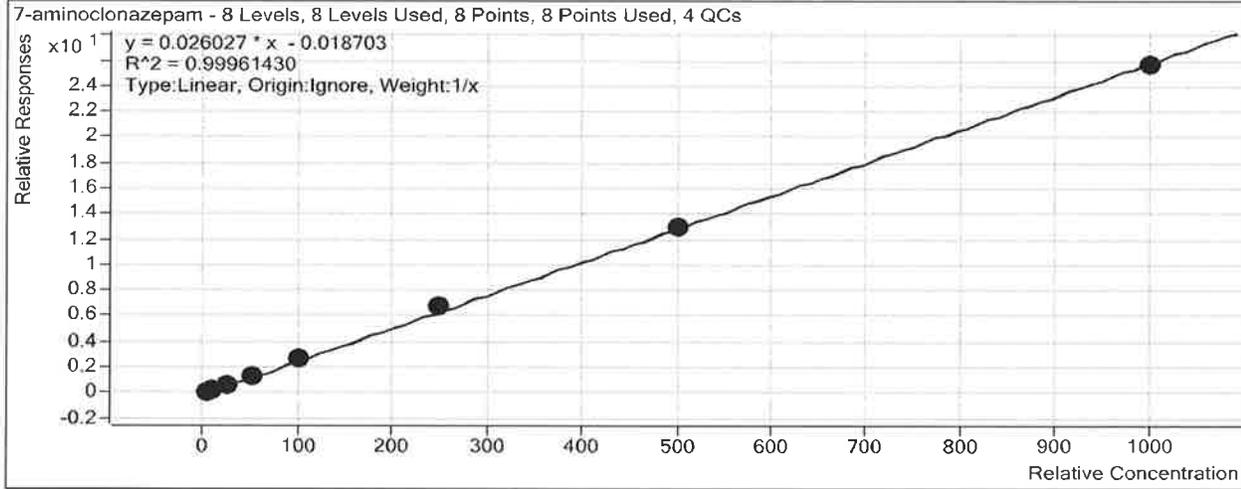
ISP Forensics Calibration Curve Report

TS
R

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 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.d	1	<input checked="" type="checkbox"/>	5	5.1	102.4
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.5	95.4
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.0	99.6
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.2	96.7
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	50.2	100.5
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	101.8	101.8
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	97.5	97.5
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	260.5	104.2
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	247.3	98.9
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	500.8	100.2
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	987.7	98.8
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	914.9	91.5

ISP Forensics Calibration Curve Report

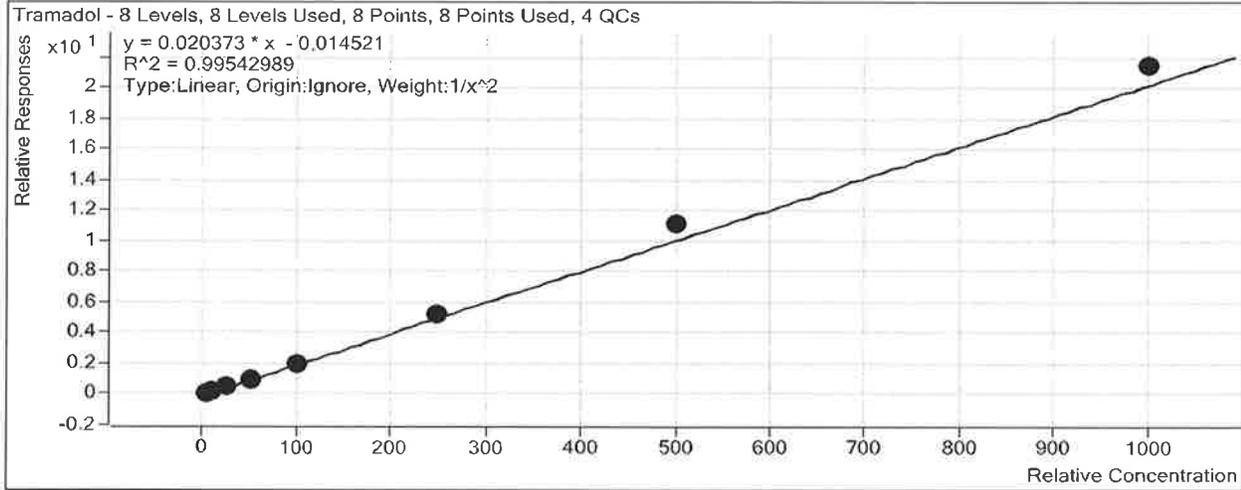
TS
D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

Target Compound Tramadol
Internal Standard Tramadol-13C-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	104.3
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.5	95.2
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.7	97.2
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.1	92.4
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.3	96.5
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	95.5	95.5
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	93.8	93.8
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	254.9	102.0
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	250.0	100.0
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	543.9	108.8
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1053.3	105.3
a QC 1000 (QC 4).d	8	<input type="checkbox"/>	1000	1034.8	103.5

ISP Forensics Calibration Curve Report

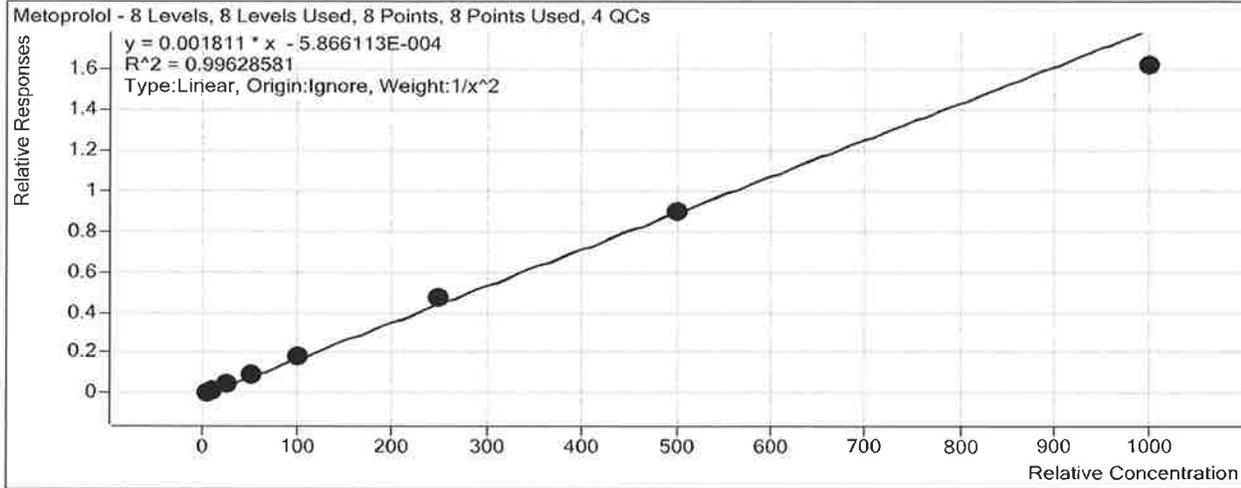
TS
R

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	101.8
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.5	94.7
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.7	97.1
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	25.3	101.3
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	52.1	104.3
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	102.8	102.8
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	98.1	98.1
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	263.7	105.5
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	243.9	97.6
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	500.2	100.0
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	896.5	89.7
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	896.1	89.6

ISP Forensics Calibration Curve Report

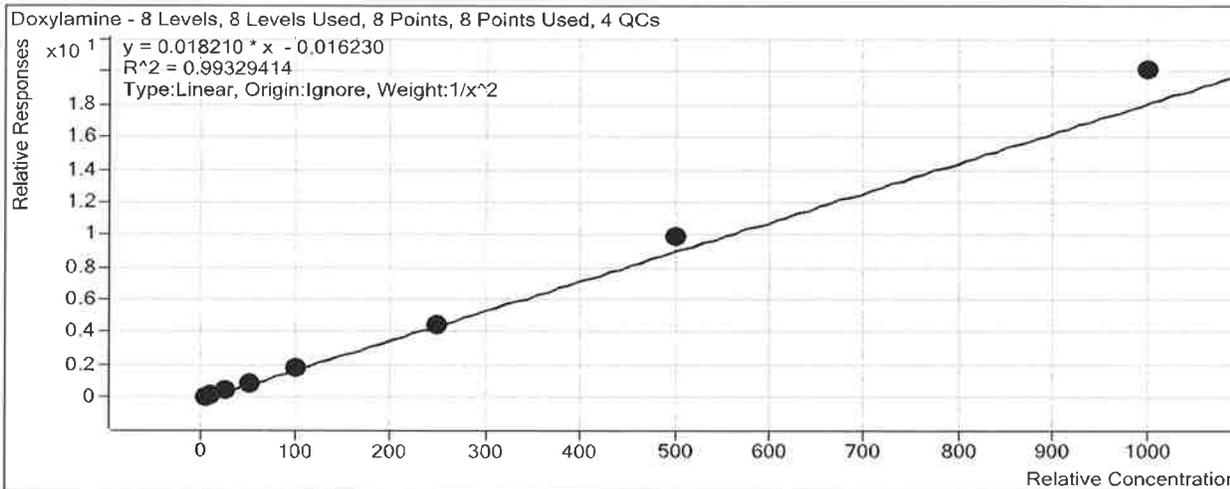
TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

Target Compound Doxylamine
Internal Standard Doxylamine-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	105.4
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.3	93.1
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.4	93.8
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.3	93.3
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.0	94.0
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	97.7	97.7
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	83.2	83.2
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	243.3	97.3
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	223.8	89.5
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	542.3	108.5
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1106.7	110.7
a QC 1000 (QC 4).d	8	<input type="checkbox"/>	1000	981.0	98.1

ISP Forensics Calibration Curve Report

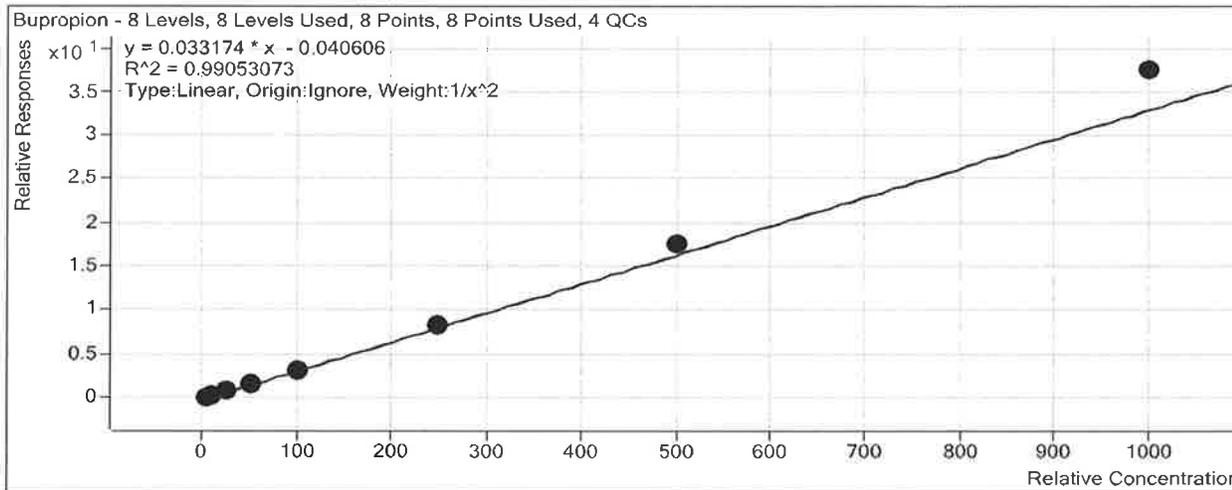
TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	106.1
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.4	93.8
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.8	97.9
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	21.7	87.0
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.1	96.2
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	95.1	95.1
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	91.2	91.2
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	254.3	101.7
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	235.2	94.1
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	535.2	107.0
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1129.7	113.0
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1025.3	102.5

ISP Forensics Calibration Curve Report

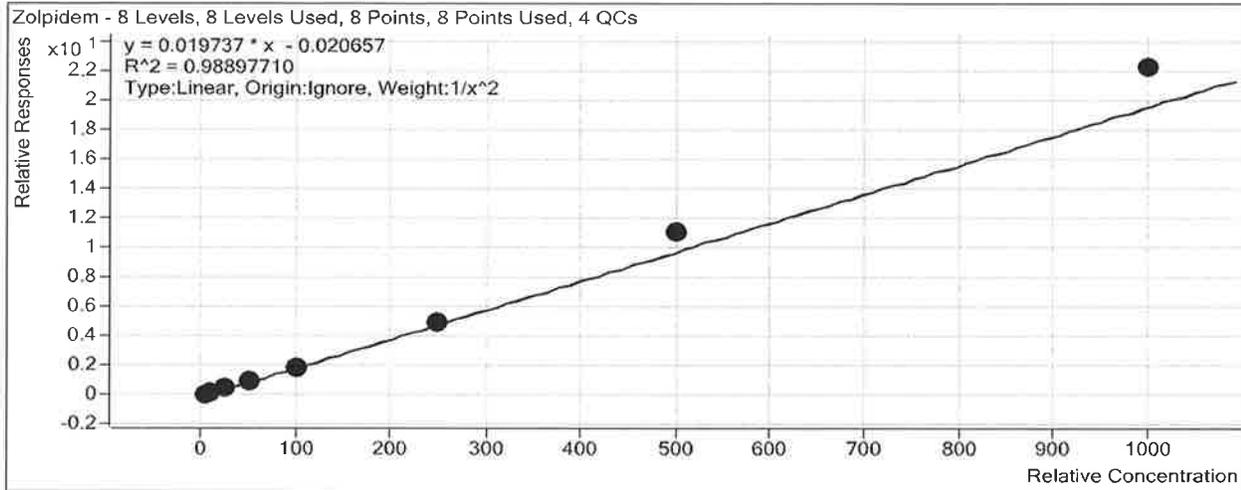
TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	105.9
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.4	94.1
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.6	96.3
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.6	90.3
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	45.7	91.3
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	93.5	93.5
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	89.7	89.7
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	250.4	100.1
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	248.7	99.5
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	559.5	111.9
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1128.5	112.9
a QC 1000 (QC 4).d	8	<input type="checkbox"/>	1000	1084.3	108.4

ISP Forensics Calibration Curve Report

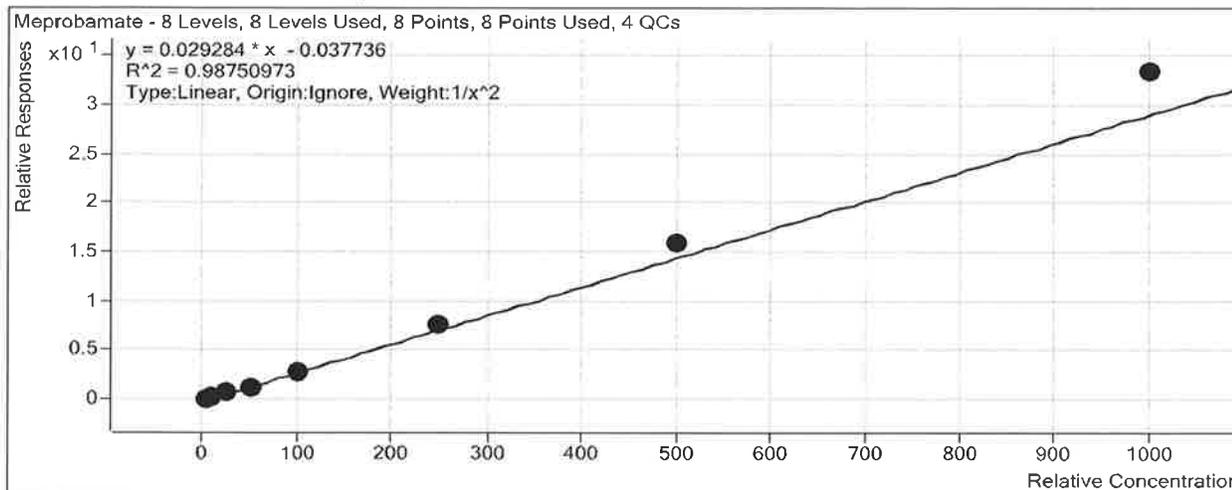
TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.4	108.2
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	8.8	88.4
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.4	93.7
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.4	93.8
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	44.8	89.6
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	94.1	94.1
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	89.3	89.3
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	258.7	103.5
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	241.0	96.4
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	541.9	108.4
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1141.5	114.1
a QC 1000 (QC 4).d	8	<input type="checkbox"/>	1000	1137.4	113.7

ISP Forensics Calibration Curve Report

TS
P

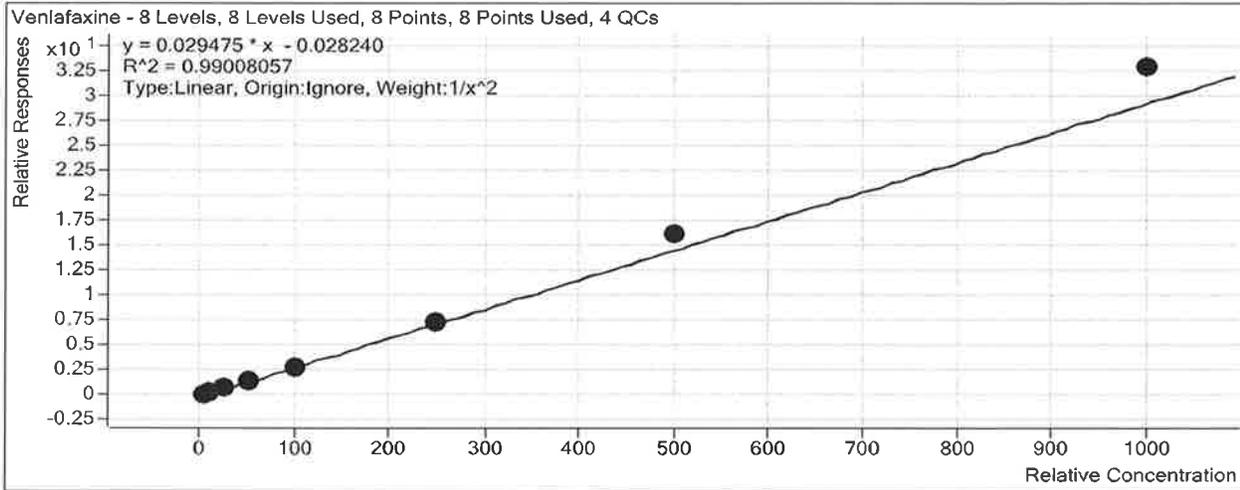
Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

Target Compound Venlafaxine

Internal Standard Venlafaxine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	106.6
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.2	91.8
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.8	98.1
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.1	92.4
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	44.5	89.1
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	97.7	97.7
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	91.5	91.5
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	252.0	100.8
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	243.5	97.4
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	549.7	109.9
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1116.5	111.6
a QC 1000 (QC 4).d	8	<input type="checkbox"/>	1000	1122.8	112.3

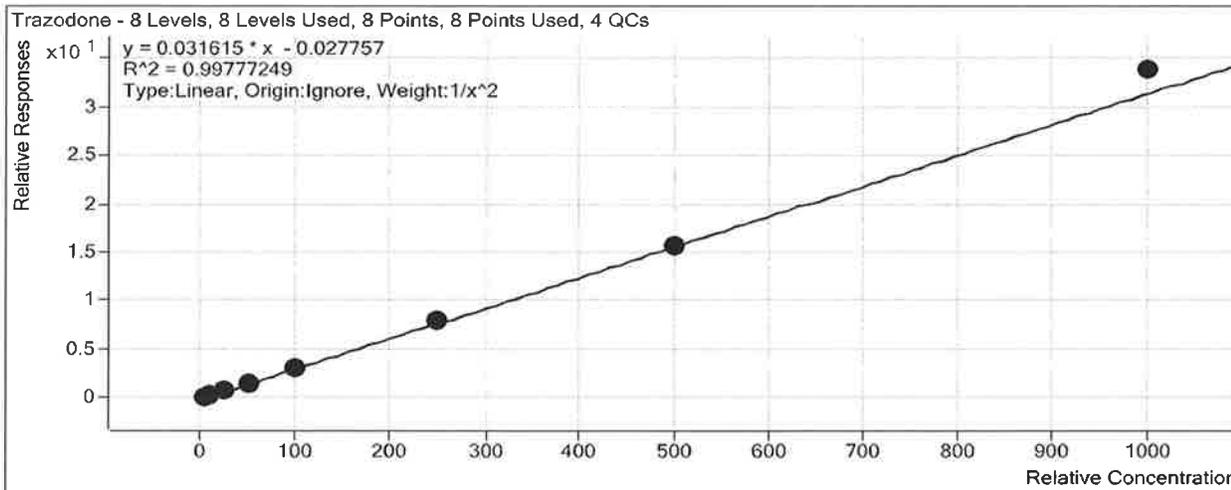
ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	103.3
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.6	95.7
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.4	104.4
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.8	95.0
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.6	97.3
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	101.5	101.5
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	112.8	112.8
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	253.1	101.3
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	274.1	109.6
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	494.3	98.9
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1071.3	107.1
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1232.1	123.2

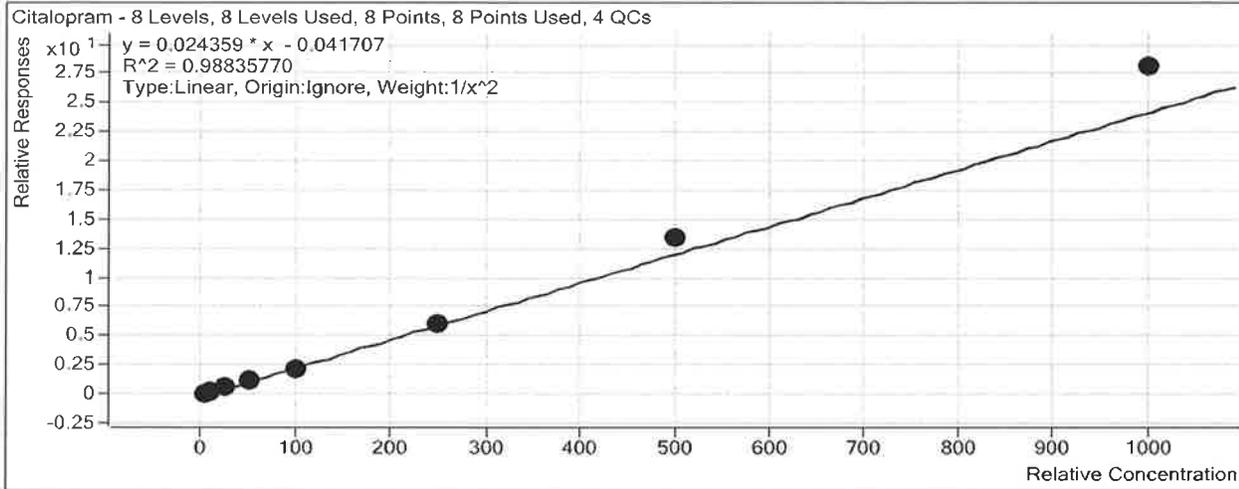
ISP Forensics Calibration Curve Report

TS B

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound Citalopram
Internal Standard Citalopram-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	104.8
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.7	96.8
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.8	98.2
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.3	89.2
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	45.8	91.6
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	92.5	92.5
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	82.7	82.7
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	248.4	99.3
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	245.0	98.0
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	551.3	110.3
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1154.7	115.5
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	997.1	99.7

ISP Forensics Calibration Curve Report

TS

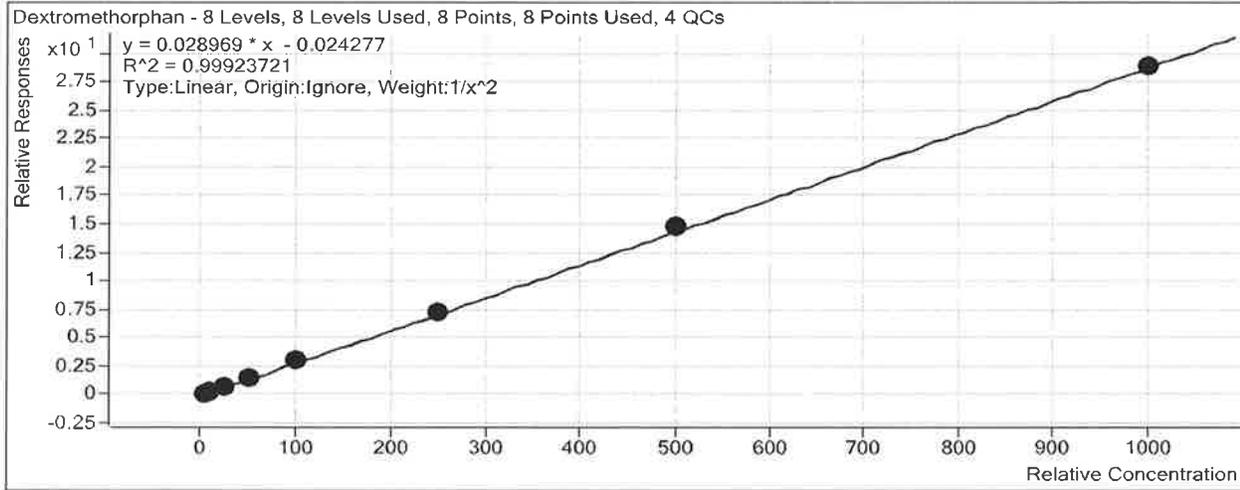
Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

Target Compound *Dextromethorphan*

Internal Standard *Dextromethorphan-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	102.2
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.6	95.7
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.1	101.2
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.7	99.0
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	49.8	99.5
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	103.3	103.3
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	109.0	109.0
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	246.9	98.8
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	302.8	121.1
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	508.4	101.7
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	997.7	99.8
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1132.5	113.3

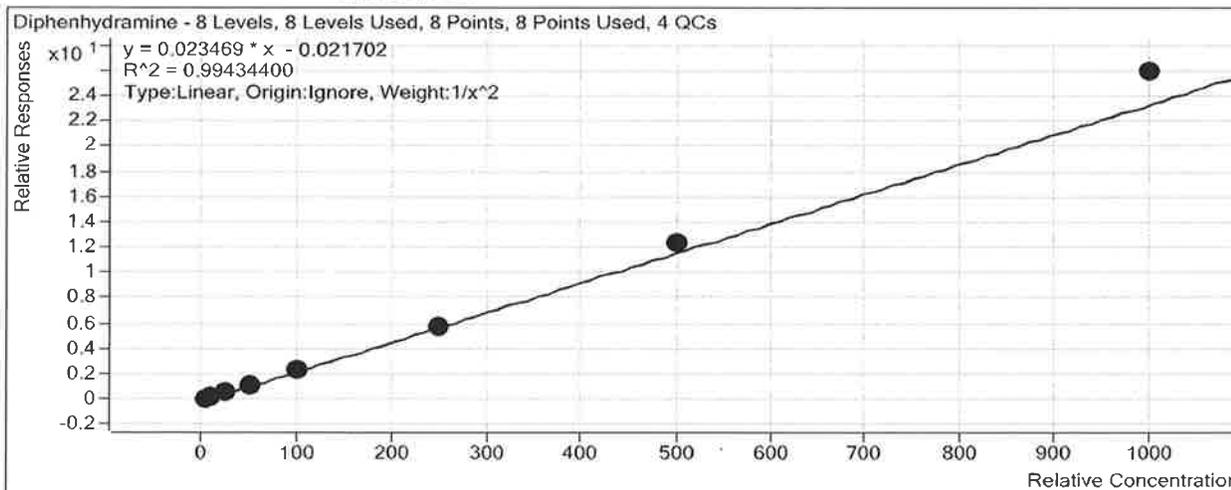
ISP Forensics Calibration Curve Report

TS
R

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	105.2
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.4	93.9
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.4	103.8
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.7	91.0
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.1	96.1
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	98.4	98.4
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	95.3	95.3
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	249.3	99.7
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	260.6	104.2
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	525.8	105.2
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1104.9	110.5
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1105.7	110.6

ISP Forensics Calibration Curve Report

TS
B

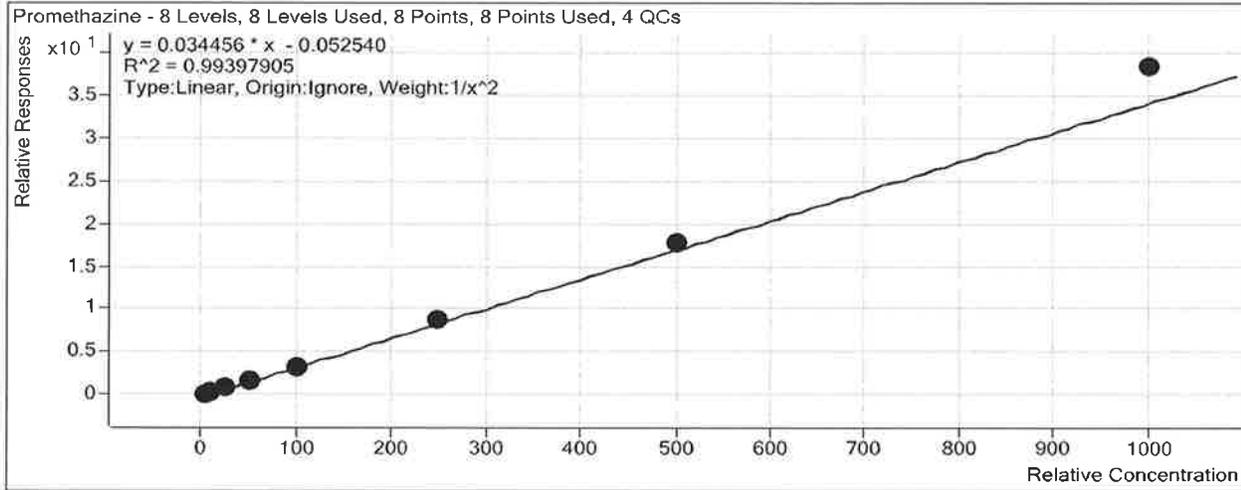
Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM

Analyst Name ISP TOX

Target Compound Promethazine

Internal Standard Promethazine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	105.2
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.4	93.7
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.9	109.4
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.9	91.6
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.7	97.3
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	95.2	95.2
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	96.1	96.1
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	253.8	101.5
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	275.0	110.0
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	519.1	103.8
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1116.0	111.6
a QC 1000 (QC 4).d	8	<input type="checkbox"/>	1000	1146.2	114.6

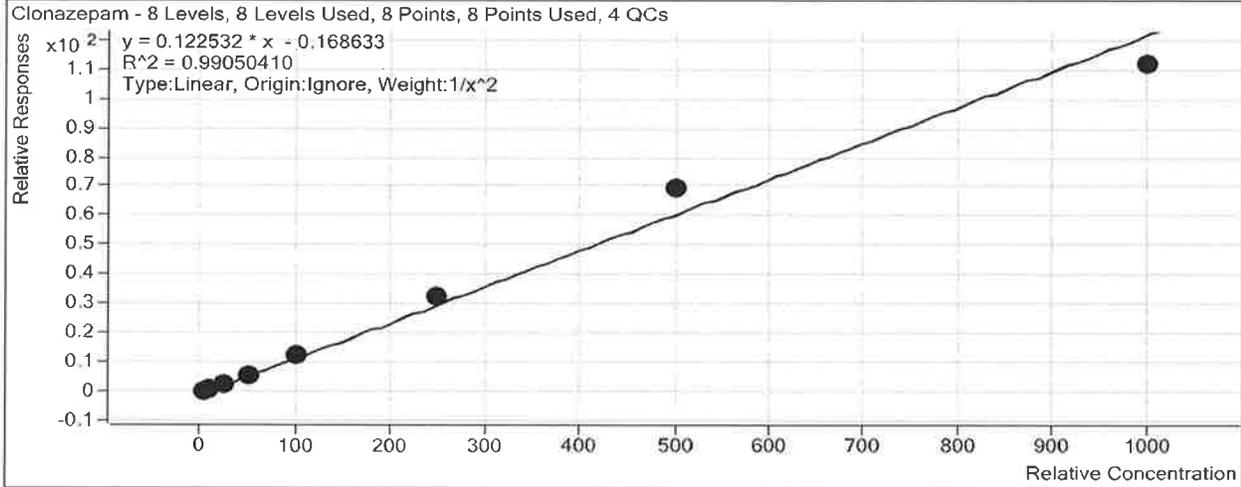
ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	104.7
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.4	93.9
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	12.3	123.3
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.4	93.7
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.0	91.9
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	102.9	102.9
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	115.6	115.6
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	268.6	107.4
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	301.8	120.7
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	570.9	114.2
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	913.0	91.3
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1188.2	118.8

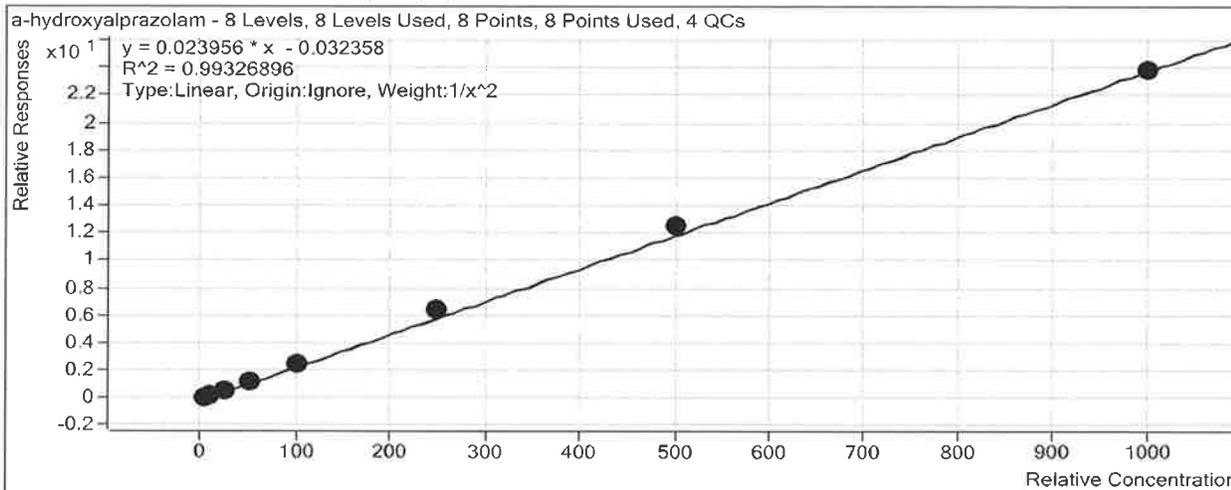
ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 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.d	1	<input checked="" type="checkbox"/>	5	5.3	105.6
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.4	93.5
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.2	92.5
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.1	88.4
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.3	94.6
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	106.0	106.0
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	100.4	100.4
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	270.3	108.1
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	260.4	104.2
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	521.1	104.2
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	995.7	99.6
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1039.6	104.0

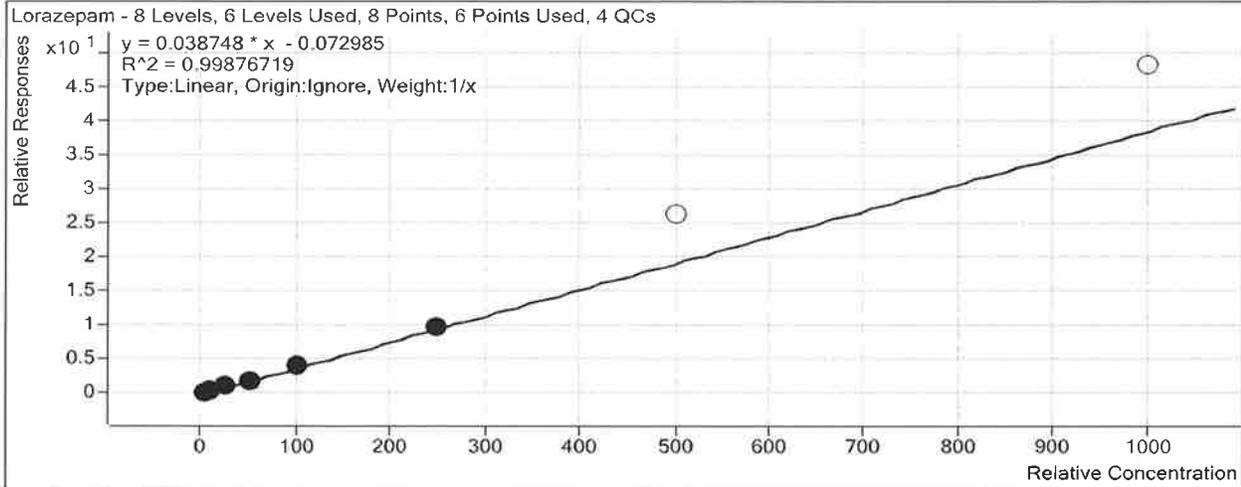
ISP Forensics Calibration Curve Report

TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound Lorazepam
Internal Standard Clonazepam-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.6	112.5
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.2	92.5
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	12.2	122.1
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.4	97.7
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.0	93.9
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	103.0	103.0
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	118.9	118.9
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	250.7	100.3
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	298.8	119.5
a cal 7-500ng.d	7	<input type="checkbox"/>	500	684.9	137.0
a cal 8-1000ng.d	8	<input type="checkbox"/>	1000	1243.9	124.4
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1467.7	146.8

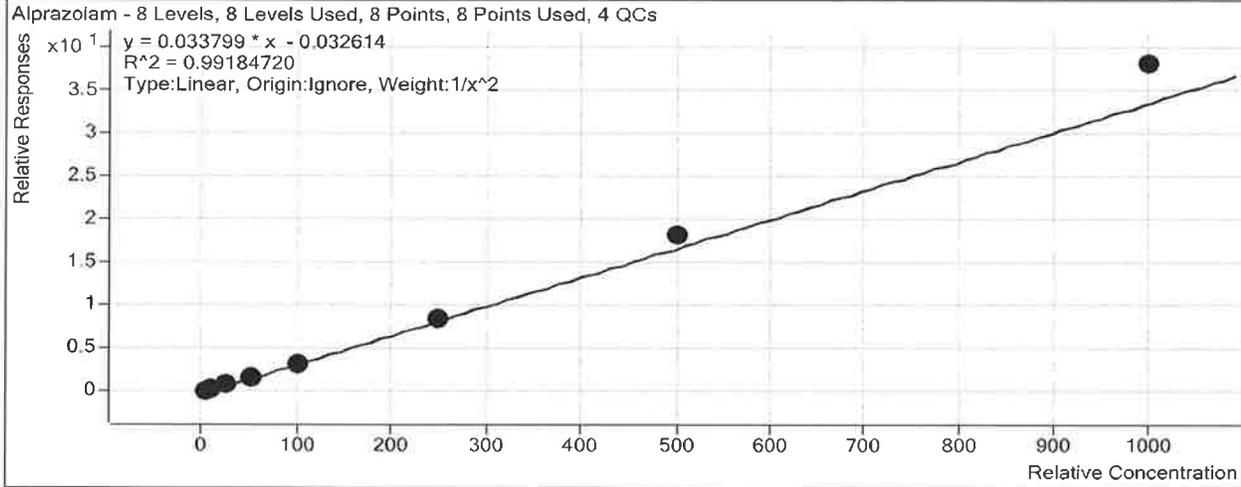
ISP Forensics Calibration Curve Report

TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound Alprazolam
Internal Standard Alprazolam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	105.9
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.3	92.9
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.3	93.1
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.7	90.9
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.0	96.1
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	94.4	94.4
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	89.2	89.2
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	249.4	99.7
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	238.3	95.3
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	536.8	107.4
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1127.6	112.8
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1101.1	110.1

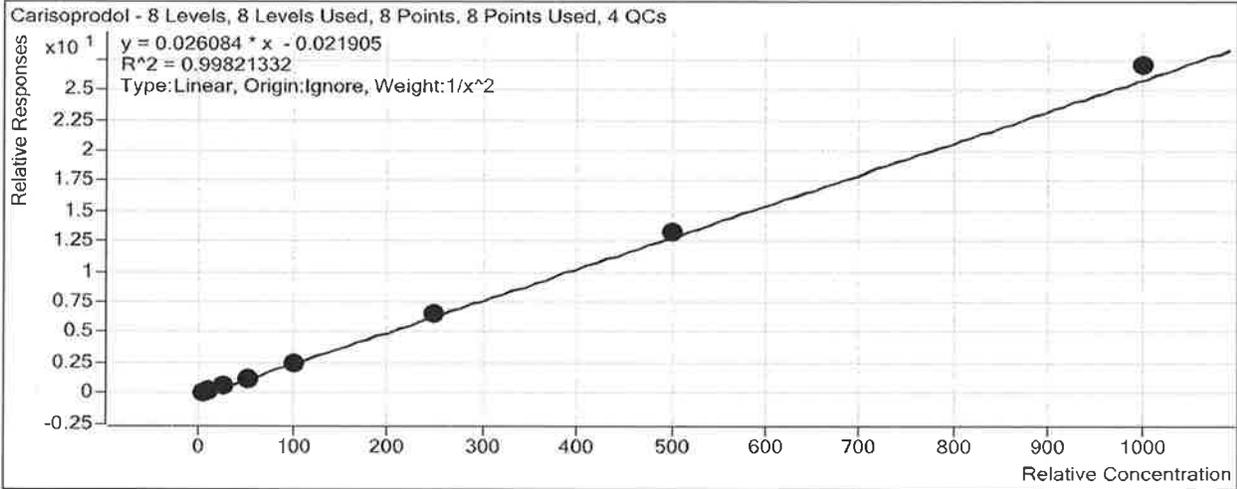
ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin

Last Calib Update 10/12/2018 10:21 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	103.5
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.4	93.9
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.6	106.2
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	25.0	99.9
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.8	95.6
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	98.8	98.8
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	105.9	105.9
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	255.7	102.3
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	269.5	107.8
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	511.2	102.2
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1037.6	103.8
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1011.7	101.2

TS P

ISP FORENSICS - Pocatello Instrument # 59740

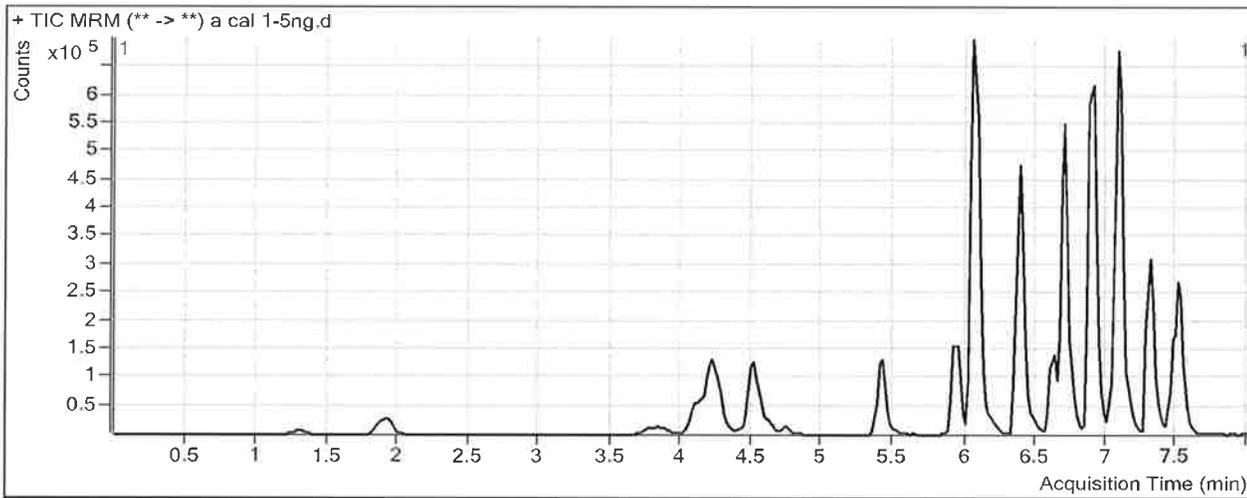
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin
Analysis Time 10/17/2018 2:38 PM **Analyst Name** ISUser
Report Time 10/17/2018 2:42 PM **Reporter Name** ISUser
Last Calib Update 10/17/2018 2:38 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 14:06 **Data File** a cal 1-5ng.d
Sample Type Calibration **Sample Name** a cal 1-5ng.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-A1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	5260	25107	0.2095	6.4451
Hydromorphone	Hydromorphone-D6	1.929	18324	154612	0.1185	5.2670
Codeine	Codeine-D6	3.892	8336	66463	0.1254	5.3650
Oxycodone	Oxycodone-D6	4.250	63683	533219	0.1194	5.2228
Amphetamine	Methamphetamine-D11	4.263	303329	348348	0.8708	4.6284
Hydrocodone	Hydrocodone-D6	4.534	21289	267206	0.0797	5.7562
Norhydrocodone	Norhydrocodone-D3	4.578	2421	77624	0.0312	10.2647
Methamphetamine	Methamphetamine-D11	4.622	65474	348348	0.1880	5.2533
6-MAM	6-MAM-D6	4.749	730	58922	0.0124	0.5147
Phentermine	Phentermine-D5	5.466	27649	585368	0.0472	4.9750
Dextrophan	Dextrophan-D3	5.942	29550	566150	0.0522	5.2341
7-aminoclonazepam	7-Aminoclonazepam-D4	6.054	39409	343945	0.1146	5.1210
Tramadol	Tramadol-13C-D3	6.081	194170	2115754	0.0918	5.2175
Metoprolol	Tramadol-13C-D3	6.178	18256	2115754	0.0086	5.0892
Doxylamine	Doxylamine-D5	6.381	125834	1577581	0.0798	5.2714
Bupropion	Bupropion-D9	6.651	59831	441746	0.1354	5.3068
Zolpidem	Zolpidem-D6	6.719	151180	1803029	0.0838	5.2949
Meprobamate	Meprobamate-D7	6.753	12583	104292	0.1207	5.4088
Venlafaxine	Venlafaxine-D6	6.905	191406	1484619	0.1289	5.3322
Trazodone	Trazodone-D6	6.915	85095	627770	0.1356	5.1655

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Multi-Drug Confirmatory Analysis Report a cal 1

TS
P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.038	70852	824740	0.0859	5.2390
Dextromethorphan	Dextromethorphan-D3	7.088	27915	225458	0.1238	5.1121
Diphenhydramine	Diphenhydramine-D3	7.113	164512	1616628	0.1018	5.2607
Promethazine	Promethazine-D3	7.308	117538	913064	0.1287	5.2609
Clonazepam	Clonazepam-D4	7.365	16867	35661	0.4730	5.2363
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.441	4358	46295	0.0941	5.2801
Lorazepam	Clonazepam-D4	7.503	5173	35661	0.1451	5.6270
Alprazolam	Alprazolam-D5	7.528	92730	633400	0.1464	5.2965
Carisoprodol	Carisoprodol-D7	7.474	43583	385486	0.1131	5.1743

TS
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ISP FORENSICS - Pocatello Instrument # 59740

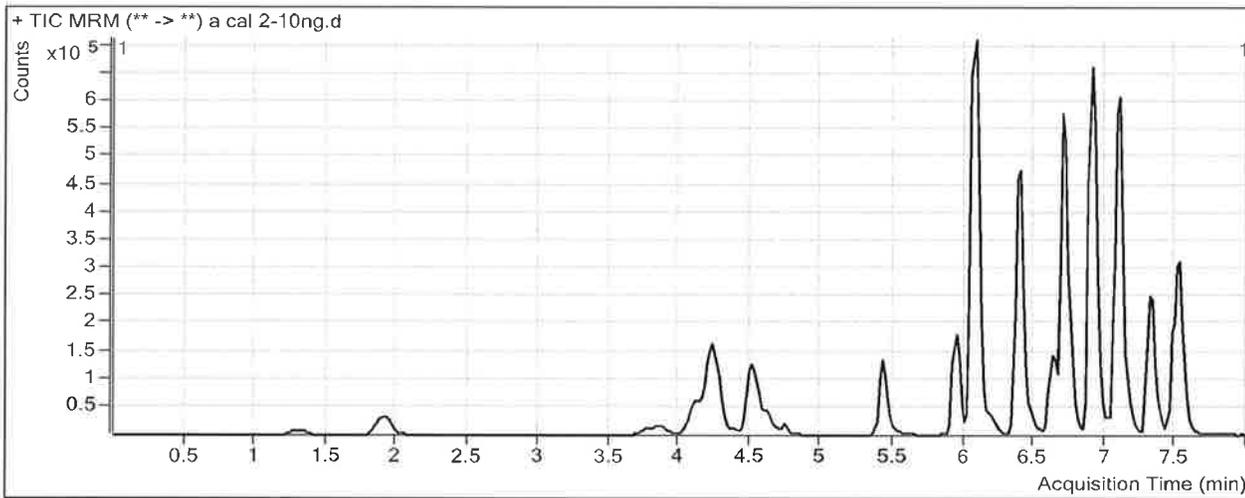
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin
Analysis Time 10/17/2018 2:38 PM **Analyst Name** ISPUser
Report Time 10/17/2018 2:43 PM **Reporter Name** ISPUser
Last Calib Update 10/17/2018 2:38 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 14:37 **Data File** a cal 2-10ng.d
Sample Type Calibration **Sample Name** a cal 2-10ng.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-B1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	10173	24658	0.4126	10.1682
Hydromorphone	Hydromorphone-D6	1.949	36862	151703	0.2430	9.4555
Codeine	Codeine-D6	3.892	14055	65109	0.2159	8.9841
Oxycodone	Oxycodone-D6	4.250	127873	521467	0.2452	9.4367
Amphetamine	Methamphetamine-D11	4.263	409878	326721	1.2545	12.4427
Hydrocodone	Hydrocodone-D6	4.534	40234	270458	0.1488	9.3927
Norhydrocodone	Norhydrocodone-D3	4.578	3435	78532	0.0437	12.1505
Methamphetamine	Methamphetamine-D11	4.622	122098	326721	0.3737	9.3596
6-MAM	6-MAM-D6	4.769	1461	59129	0.0247	0.9867
Phentermine	Phentermine-D5	5.466	50777	534215	0.0950	9.3844
Dextrophan	Dextrophan-D3	5.942	56513	534490	0.1057	9.4598
7-aminoclonazepam	7-Aminoclonazepam-D4	6.074	77846	339117	0.2296	9.5386
Tramadol	Tramadol-13C-D3	6.100	367820	2050334	0.1794	9.5184
Metoprolol	Tramadol-13C-D3	6.201	33944	2050334	0.0166	9.4667
Doxylamine	Doxylamine-D5	6.403	231129	1508155	0.1533	9.3070
Bupropion	Bupropion-D9	6.651	100681	371908	0.2707	9.3845
Zolpidem	Zolpidem-D6	6.719	293489	1778332	0.1650	9.4085
Meprobamate	Meprobamate-D7	6.773	22873	103487	0.2210	8.8364
Venlafaxine	Venlafaxine-D6	6.905	354120	1461059	0.2424	9.1811
Trazodone	Trazodone-D6	6.935	135563	493528	0.2747	9.5663

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Multi-Drug Confirmatory Analysis Report a cal z

TS
D

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.058	126870	653296	0.1942	9.6847
Dextromethorphan	Dextromethorphan-D3	7.088	44848	177309	0.2529	9.5694
Diphenhydramine	Diphenhydramine-D3	7.113	264362	1330258	0.1987	9.3924
Promethazine	Promethazine-D3	7.308	181270	670682	0.2703	9.3690
Clonazepam	Clonazepam-D4	7.386	35333	35972	0.9822	9.3924
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.461	8730	45548	0.1917	9.3519
Lorazepam	Clonazepam-D4	7.503	10267	35972	0.2854	9.2496
Alprazolam	Alprazolam-D5	7.528	184183	654792	0.2813	9.2874
Carisoprodol	Carisoprodol-D7	7.494	88866	398512	0.2230	9.3890

TS R

ISP FORENSICS - Pocatello Instrument # 59740

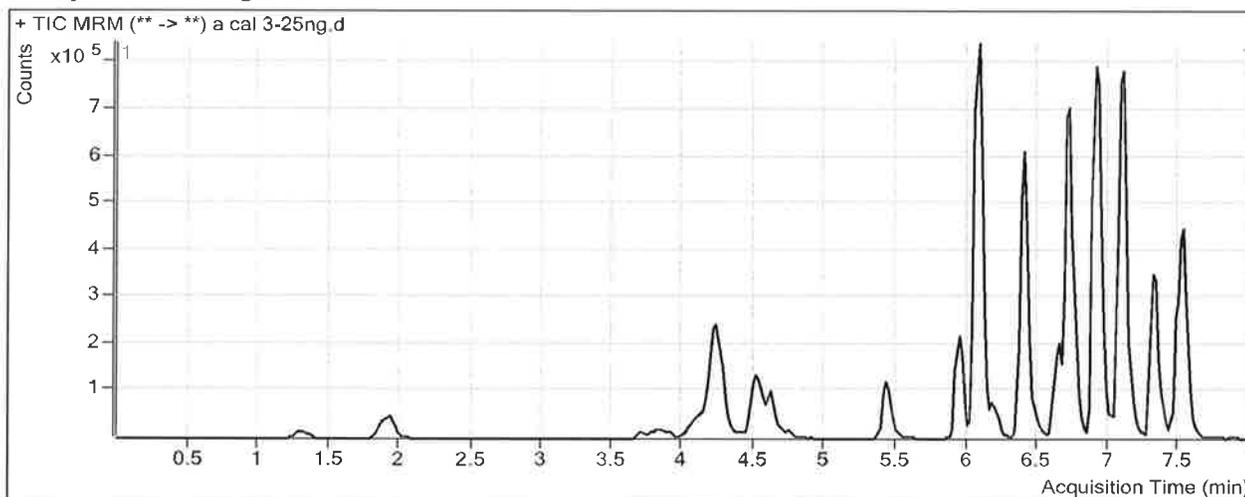
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin
Analysis Time 10/17/2018 2:38 PM **Analyst Name** ISPUser
Report Time 10/17/2018 2:43 PM **Reporter Name** ISPUser
Last Calib Update 10/17/2018 2:38 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 15:09 **Data File** a cal 3-25ng.d
Sample Type Calibration **Sample Name** a cal 3-25ng.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-C1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	24489	22204	1.1029	22.8281
Hydromorphone	Hydromorphone-D6	1.929	89530	142309	0.6291	22.4491
Codeine	Codeine-D6	3.812	33318	59482	0.5601	22.7604
Oxycodone	Oxycodone-D6	4.230	310561	481923	0.6444	22.8099
Amphetamine	Methamphetamine-D11	4.243	567051	317309	1.7871	23.2867
Hydrocodone	Hydrocodone-D6	4.534	98613	240753	0.4096	23.1217
Norhydrocodone	Norhydrocodone-D3	4.578	9040	71980	0.1256	24.4409
Methamphetamine	Methamphetamine-D11	4.622	311291	317309	0.9810	22.7854
6-MAM	6-MAM-D6	4.749	3230	54426	0.0593	2.3139
Phentermine	Phentermine-D5	5.466	122386	472330	0.2591	24.5138
Dextroprphan	Dextroprphan-D3	5.942	131012	473033	0.2770	22.9748
7-aminoclonazepam	7-Aminoclonazepam-D4	6.074	200446	328336	0.6105	24.1749
Tramadol	Tramadol-13C-D3	6.081	849038	1861692	0.4561	23.0983
Metoprolol	Tramadol-13C-D3	6.201	84272	1861692	0.0453	25.3226
Doxylamine	Doxylamine-D5	6.403	533915	1306488	0.4087	23.3328
Bupropion	Bupropion-D9	6.651	232928	342197	0.6807	21.7426
Zolpidem	Zolpidem-D6	6.719	716272	1684981	0.4251	22.5846
Meprobamate	Meprobamate-D7	6.773	65645	101176	0.6488	23.4454
Venlafaxine	Venlafaxine-D6	6.905	819126	1254566	0.6529	23.1096
Trazodone	Trazodone-D6	6.935	362173	500635	0.7234	23.7604

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report a cal 3

TS
D

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.058	333948	665579	0.5017	22.3103
Dextromethorphan	Dextromethorphan-D3	7.088	118322	170817	0.6927	24.7496
Diphenhydramine	Diphenhydramine-D3	7.113	657508	1284264	0.5120	22.7393
Promethazine	Promethazine-D3	7.308	460669	625709	0.7362	22.8924
Clonazepam	Clonazepam-D4	7.386	85465	31652	2.7002	23.4126
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.461	22081	44428	0.4970	22.0980
Lorazepam	Clonazepam-D4	7.503	27658	31652	0.8738	24.4347
Alprazolam	Alprazolam-D5	7.528	460572	626489	0.7352	22.7163
Carisoprodol	Carisoprodol-D7	7.494	232118	368759	0.6295	24.9721

TS
P

ISP FORENSICS - Pocatello Instrument # 59740

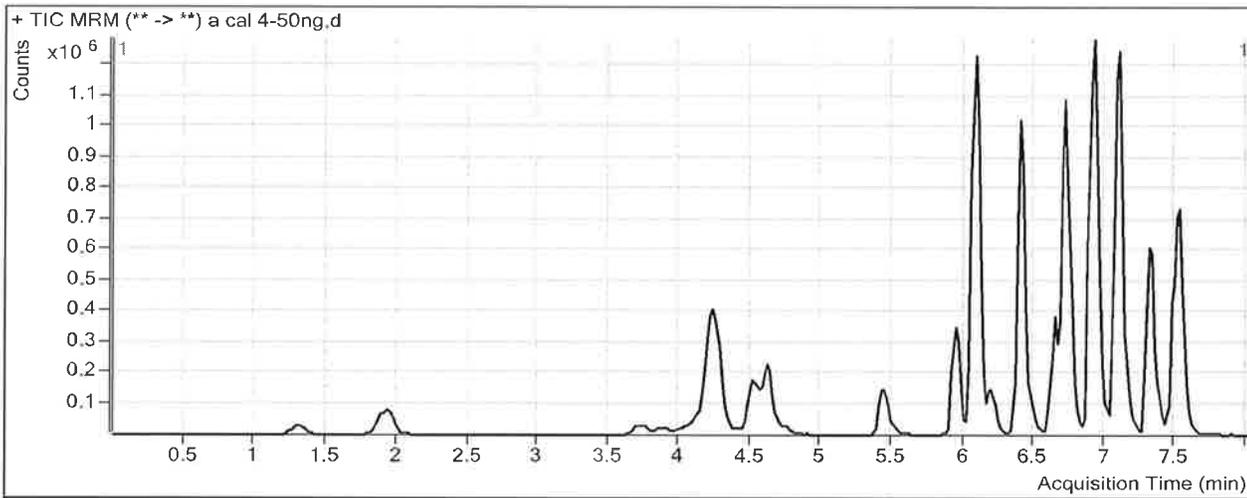
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin
Analysis Time 10/17/2018 2:38 PM **Analyst Name** ISPUser
Report Time 10/17/2018 2:43 PM **Reporter Name** ISPUser
Last Calib Update 10/17/2018 2:38 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 15:40 **Data File** a cal 4-50ng.d
Sample Type Calibration **Sample Name** a cal 4-50ng.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-D1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	55565	25340	2.1928	42.8138
Hydromorphone	Hydromorphone-D6	1.929	202635	151200	1.3402	46.3763
Codeine	Codeine-D6	3.734	73926	63277	1.1683	47.0965
Oxycodone	Oxycodone-D6	4.230	683189	494113	1.3827	47.5407
Amphetamine	Methamphetamine-D11	4.243	1230349	372274	3.3050	54.1950
Hydrocodone	Hydrocodone-D6	4.534	226109	258810	0.8736	47.5458
Norhydrocodone	Norhydrocodone-D3	4.578	20490	75427	0.2717	46.3768
Methamphetamine	Methamphetamine-D11	4.622	801386	372274	2.1527	48.6861
6-MAM	6-MAM-D6	4.749	6903	58116	0.1188	4.5919
Phentermine	Phentermine-D5	5.466	293415	539049	0.5443	50.8148
Dextrorphan	Dextrorphan-D3	5.942	301473	510091	0.5910	47.7627
7-aminoclonazepam	7-Aminoclonazepam-D4	6.074	432225	335291	1.2891	50.2487
Tramadol	Tramadol-13C-D3	6.100	1905282	1966499	0.9689	48.2698
Metoprolol	Tramadol-13C-D3	6.201	184483	1966499	0.0938	52.1330
Doxylamine	Doxylamine-D5	6.403	1172313	1396442	0.8395	46.9919
Bupropion	Bupropion-D9	6.651	544310	349931	1.5555	48.1123
Zolpidem	Zolpidem-D6	6.719	1564863	1777196	0.8805	45.6599
Meprobamate	Meprobamate-D7	6.773	135058	106041	1.2736	44.7817
Venlafaxine	Venlafaxine-D6	6.905	1751211	1363344	1.2845	44.5373
Trazodone	Trazodone-D6	6.935	803981	532498	1.5098	48.6348

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Multi-Drug Confirmatory Analysis Report *a cal 4*

TS
P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.058	718187	668979	1.0736	45.7853
Dextromethorphan	Dextromethorphan-D3	7.088	276996	195412	1.4175	49.7702
Diphenhydramine	Diphenhydramine-D3	7.113	1462605	1321859	1.1065	48.0703
Promethazine	Promethazine-D3	7.308	1155968	711645	1.6244	48.6683
Clonazepam	Clonazepam-D4	7.386	191821	35119	5.4621	45.9529
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.461	46396	42158	1.1005	47.2905
Lorazepam	Clonazepam-D4	7.503	61348	35119	1.7469	46.9663
Alprazolam	Alprazolam-D5	7.528	1007364	633046	1.5913	48.0468
Carisoprodol	Carisoprodol-D7	7.494	480123	391898	1.2251	47.8089

c

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R

ISP FORENSICS - Pocatello Instrument # 59740

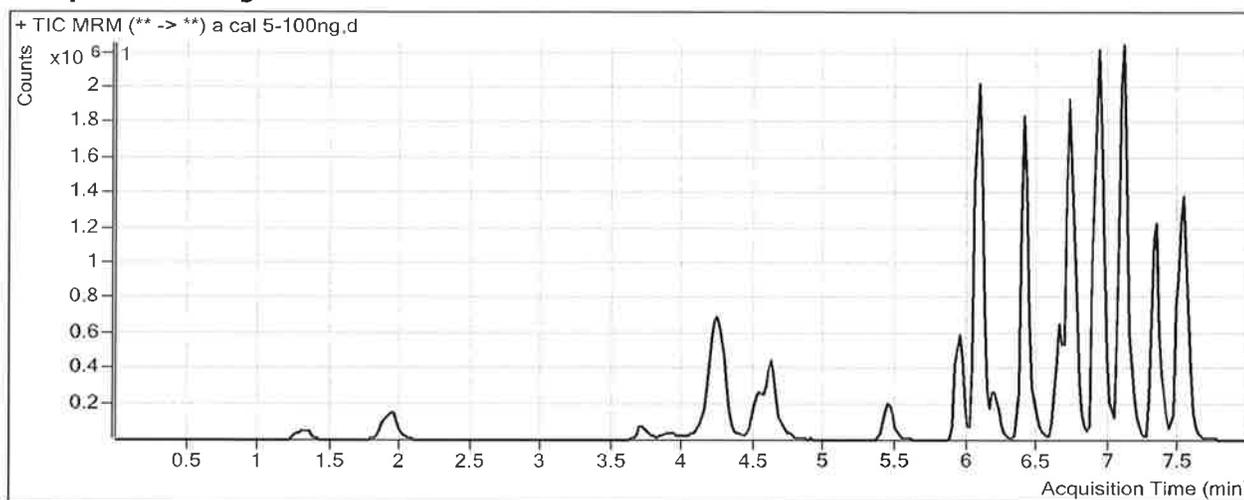
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin
Analysis Time 10/17/2018 2:38 PM **Analyst Name** ISPUser
Report Time 10/17/2018 2:43 PM **Reporter Name** ISPUser
Last Calib Update 10/17/2018 2:38 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 16:12 **Data File** a cal 5-100ng.d
Sample Type Calibration **Sample Name** a cal 5-100ng.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-E1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	126063	25969	4.8543	91.6203
Hydromorphone	Hydromorphone-D6	1.949	466550	159579	2.9236	99.6601
Codeine	Codeine-D6	3.714	161851	64940	2.4923	100.0799
Oxycodone	Oxycodone-D6	4.230	1512356	518694	2.9157	98.8973
Amphetamine	Methamphetamine-D11	4.243	2222545	369888	6.0087	109.2505
Hydrocodone	Hydrocodone-D6	4.534	500681	270601	1.8503	98.9479
Norhydrocodone	Norhydrocodone-D3	4.578	42176	77032	0.5475	87.8049
Methamphetamine	Methamphetamine-D11	4.622	1658343	369888	4.4834	100.2091
6-MAM	6-MAM-D6	4.749	15560	61230	0.2541	9.7795
Phentermine	Phentermine-D5	5.466	617775	538067	1.1481	106.4973
Dextrorphan	Dextrorphan-D3	5.942	656588	531373	1.2356	98.6424
7-aminoclonazepam	7-Aminoclonazepam-D4	6.074	961179	365182	2.6321	101.8477
Tramadol	Tramadol-13C-D3	6.081	3981745	2062999	1.9301	95.4506
Metoprolol	Tramadol-13C-D3	6.201	382783	2062999	0.1855	102.7938
Doxylamine	Doxylamine-D5	6.403	2478047	1405030	1.7637	97.7437
Bupropion	Bupropion-D9	6.651	1114590	357857	3.1146	95.1110
Zolpidem	Zolpidem-D6	6.719	3577442	1961131	1.8242	93.4714
Meprobamate	Meprobamate-D7	6.773	305804	112495	2.7184	94.1183
Venlafaxine	Venlafaxine-D6	6.905	3704866	1299868	2.8502	97.6565
Trazodone	Trazodone-D6	6.935	1794396	564242	3.1802	101.4692

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report a cal 5

TS
R

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.058	1615232	730549	2.2110	92.4805
Dextromethorphan	Dextromethorphan-D3	7.088	653697	220189	2.9688	103.3218
Diphenhydramine	Diphenhydramine-D3	7.113	3160462	1381288	2.2881	98.4160
Promethazine	Promethazine-D3	7.329	2710546	839500	3.2288	95.2326
Clonazepam	Clonazepam-D4	7.386	456347	36697	12.4354	102.8634
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.461	125023	49880	2.5065	105.9808
Lorazepam	Clonazepam-D4	7.503	143795	36697	3.9184	103.0077
Alprazolam	Alprazolam-D5	7.528	2187419	692904	3.1569	94.3680
Carisoprodol	Carisoprodol-D7	7.494	1070739	418875	2.5562	98.8410

TS
R

ISP FORENSICS - Pocatello Instrument # 59740

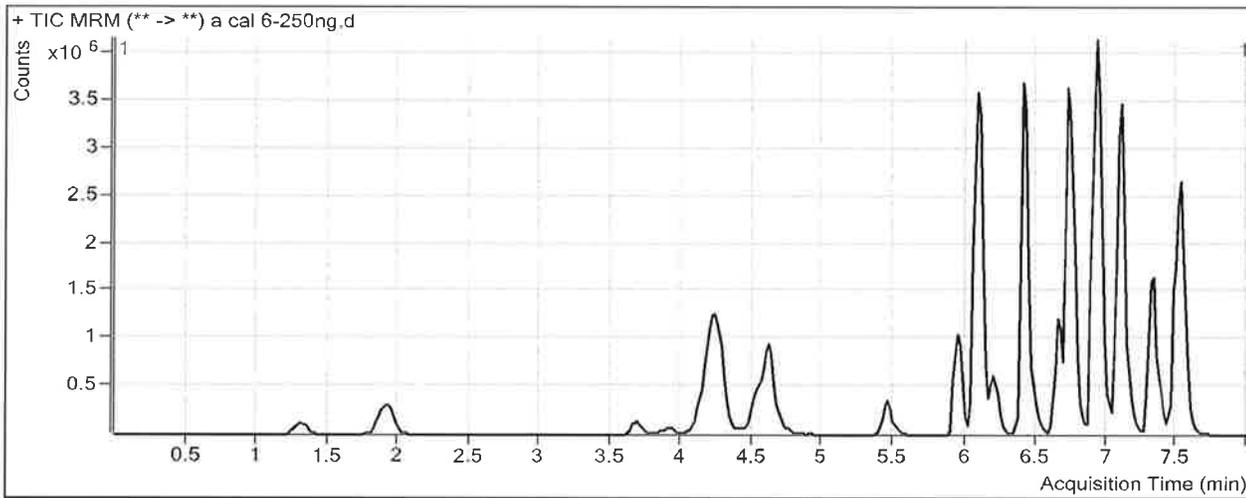
Multi-Drug Confirmatory Analysis Report

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Analysis Time 10/17/2018 2:38 PM **Analyst Name** ISPUser
Report Time 10/17/2018 2:43 PM **Reporter Name** ISPUser
Last Calib Update 10/17/2018 2:38 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 16:43 **Data File** a cal 6-250ng.d
Sample Type Calibration **Sample Name** a cal 6-250ng.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-F1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	278307	21030	13.2340	245.2878
Hydromorphone	Hydromorphone-D6	1.929	1031434	136074	7.5800	256.3478
Codeine	Codeine-D6	3.675	373827	59457	6.2874	251.9448
Oxycodone	Oxycodone-D6	4.230	3497580	453270	7.7163	259.7176
Amphetamine	Methamphetamine-D11	4.243	4630572	328378	14.1014	274.0390
Hydrocodone	Hydrocodone-D6	4.534	1184799	236808	5.0032	264.8989
Norhydrocodone	Norhydrocodone-D3	4.558	98626	63606	1.5506	238.4406
Methamphetamine	Methamphetamine-D11	4.622	3886569	328378	11.8357	262.7418
6-MAM	6-MAM-D6	4.749	36701	55411	0.6623	25.4242
Phentermine	Phentermine-D5	5.466	1273794	460895	2.7637	255.4840
Dextroprphan	Dextroprphan-D3	5.942	1386246	425029	3.2615	258.5433
7-aminoclonazepam	7-Aminoclonazepam-D4	6.074	1993995	294879	6.7621	260.5324
Tramadol	Tramadol-13C-D3	6.100	9132430	1763326	5.1791	254.9289
Metoprolol	Tramadol-13C-D3	6.201	841082	1763326	0.4770	263.7440
Doxylamine	Doxylamine-D5	6.403	5548833	1257181	4.4137	243.2676
Bupropion	Bupropion-D9	6.651	2359245	281041	8.3947	254.2728
Zolpidem	Zolpidem-D6	6.719	8275358	1681787	4.9206	250.3559
Meprobamate	Meprobamate-D7	6.773	681899	90479	7.5365	258.6525
Venlafaxine	Venlafaxine-D6	6.905	8450779	1142190	7.3988	251.9760
Trazodone	Trazodone-D6	6.935	3566483	447193	7.9753	253.1404

TS
P

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report a cal 6

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.058	2887037	480508	6.0083	248.3729
Dextromethorphan	Dextromethorphan-D3	7.088	1088594	152728	7.1277	246.8863
Diphenhydramine	Diphenhydramine-D3	7.113	5835516	1001221	5.8284	249.2661
Promethazine	Promethazine-D3	7.329	4372894	503008	8.6935	253.8341
Clonazepam	Clonazepam-D4	7.365	968175	29568	32.7444	268.6072
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.461	284492	44153	6.4433	270.3168
Lorazepam	Clonazepam-D4	7.503	285087	29568	9.6418	250.7148
Alprazolam	Alprazolam-D5	7.528	4742368	564848	8.3958	249.3731
Carisoprodol	Carisoprodol-D7	7.494	2224759	334688	6.6473	255.6841

TS
D

ISP FORENSICS - Pocatello Instrument # 59740

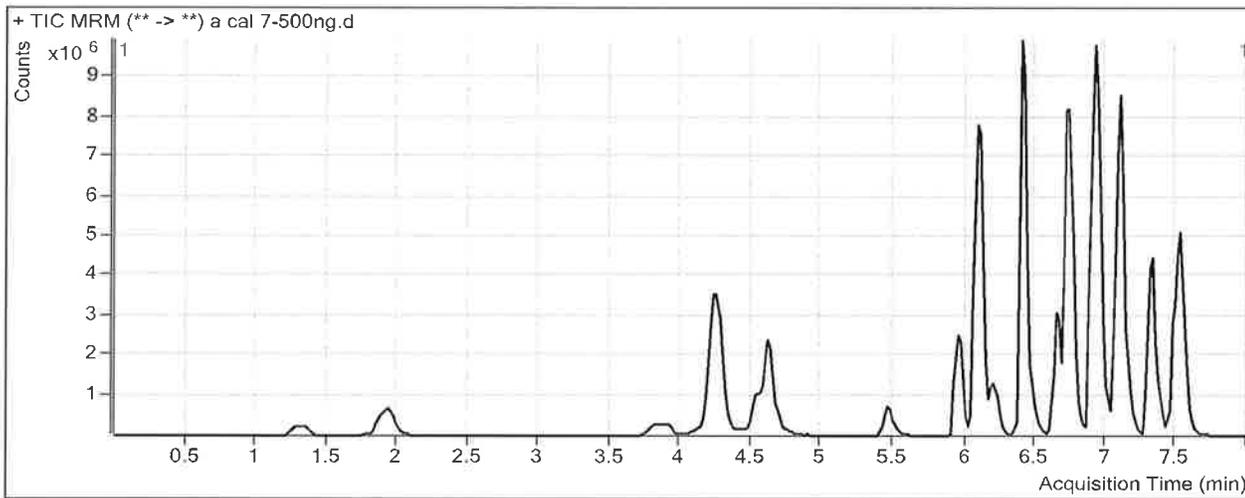
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1a.batch.bin
Analysis Time 10/17/2018 2:38 PM **Analyst Name** ISUser
Report Time 10/17/2018 2:43 PM **Reporter Name** ISUser
Last Calib Update 10/17/2018 2:38 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 17:15 **Data File** a cal 7-500ng.d
Sample Type Calibration **Sample Name** a cal 7-500ng.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-G1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	637769	23207	27.4821	506.5681
Hydromorphone	Hydromorphone-D6	1.949	2425468	152306	15.9249	537.1588
Codeine	Codeine-D6	3.892	867629	63307	13.7051	548.7761
Oxycodone	Oxycodone-D6	4.250	8259881	507410	16.2785	546.5488
Amphetamine	Methamphetamine-D11	4.243	9299897	384980	24.1568	478.7959
Hydrocodone	Hydrocodone-D6	4.534	2670567	285273	9.3615	494.2884
Norhydrocodone	Norhydrocodone-D3	4.578	227090	66015	3.4400	522.1815
Methamphetamine	Methamphetamine-D11	4.622	9036387	384980	23.4724	519.9869
6-MAM	6-MAM-D6	4.769	91209	65041	1.4023	53.7857
Phentermine	Phentermine-D5	5.466	2864848	534949	5.3554	494.4772
Dextrophan	Dextrophan-D3	5.942	3599697	536684	6.7073	530.5129
7-aminoclonazepam	7-Aminoclonazepam-D4	6.074	3829388	294201	13.0162	500.8300
Tramadol	Tramadol-13C-D3	6.100	22900069	2069248	11.0669	543.9300
Metoprolol	Tramadol-13C-D3	6.201	1873147	2069248	0.9052	500.2460
Doxylamine	Doxylamine-D5	6.403	15191648	1540779	9.8597	542.3321
Bupropion	Bupropion-D9	6.651	6185943	349228	17.7132	535.1696
Zolpidem	Zolpidem-D6	6.739	20966983	1902361	11.0216	559.4726
Meprobamate	Meprobamate-D7	6.773	1458413	92118	15.8320	541.9330
Venlafaxine	Venlafaxine-D6	6.905	22569489	1395407	16.1741	549.6988
Trazodone	Trazodone-D6	6.935	8563759	548988	15.5992	494.2893

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report a cal 7

TS
D

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.058	7776790	580890	13.3877	551.3225
Dextromethorphan	Dextromethorphan-D3	7.088	2774885	188719	14.7038	508.4156
Diphenhydramine	Diphenhydramine-D3	7.113	15189630	1233156	12.3177	525.7670
Promethazine	Promethazine-D3	7.329	12005371	673197	17.8334	519.0985
Clonazepam	Clonazepam-D4	7.386	1941309	27817	69.7874	570.9208
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.461	634337	50944	12.4516	521.1241
Lorazepam	Clonazepam-D4	7.503	736218	27817	26.4661	684.9053
Alprazolam	Alprazolam-D5	7.528	9814810	541942	18.1104	536.7997
Carisoprodol	Carisoprodol-D7	7.494	4222816	317202	13.3127	511.2261

TS
P

ISP FORENSICS - Pocatello Instrument # 59740

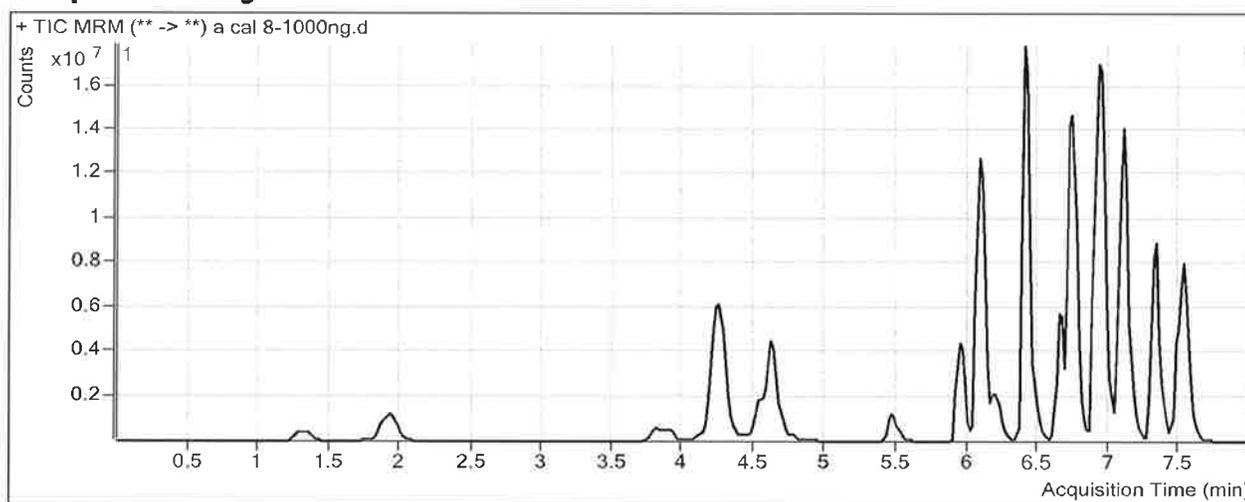
Multi-Drug Confirmatory Analysis Report

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Analysis Time	10/17/2018 2:38 PM	Analyst Name	ISPUser
Report Time	10/17/2018 2:43 PM	Reporter Name	ISPUser
Last Calib Update	10/17/2018 2:38 PM	Batch State	Processed

Analysis Info

Acq Time	2018-10-10 17:46	Data File	a cal 8-1000ng.d
Sample Type	Calibration	Sample Name	a cal 8-1000ng.d
Dilution	1	Acq Method	MD Quant Panel 1a 7-11-18.m
Position	P1-H1	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	1190935	21587	55.1679	1014.2685
Hydromorphone	Hydromorphone-D6	1.929	4480123	139854	32.0344	1079.2479
Codeine	Codeine-D6	3.812	1609077	60190	26.7331	1070.1143
Oxycodone	Oxycodone-D6	4.250	16640492	505438	32.9229	1104.1332
Amphetamine	Methamphetamine-D11	4.243	15630594	373797	41.8157	838.3778
Hydrocodone	Hydrocodone-D6	4.534	5045946	267058	18.8946	996.0484
Norhydrocodone	Norhydrocodone-D3	4.578	372331	56026	6.6457	1003.6047
Methamphetamine	Methamphetamine-D11	4.622	17485738	373797	46.7787	1035.2043
6-MAM	6-MAM-D6	4.769	181321	65011	2.7891	106.9355
Phentermine	Phentermine-D5	5.466	5246602	487124	10.7706	993.8535
Dextrophan	Dextrophan-D3	5.942	6390940	480306	13.3060	1051.3391
7-aminoclonazepam	7-Aminoclonazepam-D4	6.074	5995722	233405	25.6880	987.7067
Tramadol	Tramadol-13C-D3	6.081	41054738	1914567	21.4434	1053.2611
Metoprolol	Tramadol-13C-D3	6.201	3106940	1914567	1.6228	896.5245
Doxylamine	Doxylamine-D5	6.403	30858880	1532473	20.1367	1106.6842
Bupropion	Bupropion-D9	6.651	11758956	314106	37.4363	1129.7022
Zolpidem	Zolpidem-D6	6.739	39668513	1782660	22.2524	1128.5036
Meprobamate	Meprobamate-D7	6.773	2652172	79432	33.3893	1141.4967
Venlafaxine	Venlafaxine-D6	6.905	41385091	1258687	32.8796	1116.4653
Trazodone	Trazodone-D6	6.956	17529162	517970	33.8420	1071.3223

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report a cal 8

TS
P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.058	13317908	474211	28.0843	1154.6671
Dextromethorphan	Dextromethorphan-D3	7.088	4940456	171091	28.8762	997.6506
Diphenhydramine	Diphenhydramine-D3	7.113	27908381	1077158	25.9093	1104.8888
Promethazine	Promethazine-D3	7.329	24378372	634860	38.3996	1115.9878
Clonazepam	Clonazepam-D4	7.365	3243675	29038	111.7058	913.0221
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.461	1176554	49391	23.8211	995.7317
Lorazepam	Clonazepam-D4	7.503	1397530	29038	48.1282	1243.9495
Alprazolam	Alprazolam-D5	7.528	16430565	431489	38.0788	1127.6047
Carisoprodol	Carisoprodol-D7	7.494	6468904	239219	27.0417	1037.5733

TS B

ISP FORENSICS - Pocatello Instrument # 59740

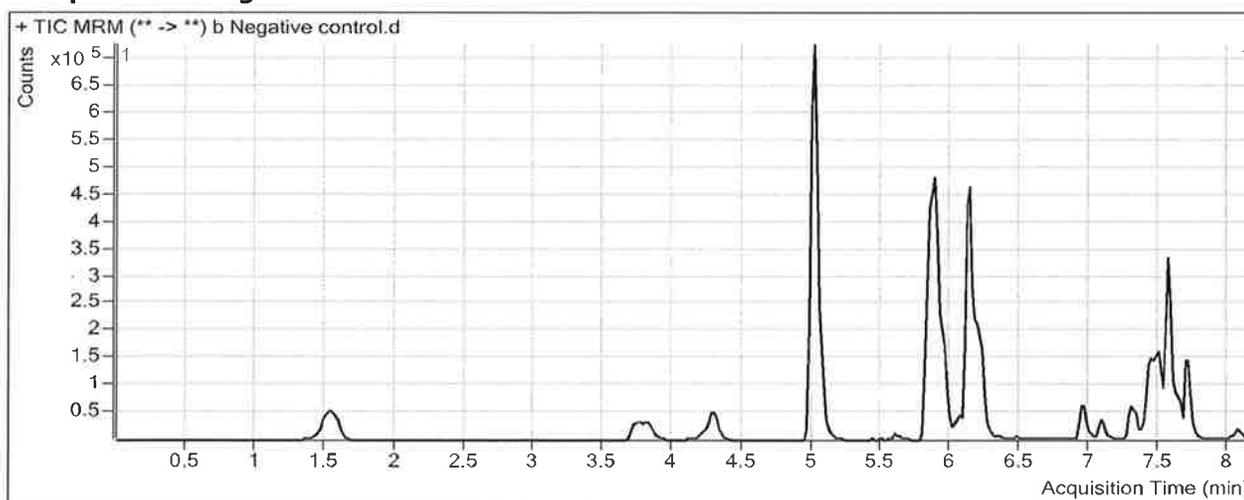
Multi-Drug Confirmatory Analysis Report

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Analysis Time 10/12/2018 10:29 AM **Analyst Name** ISPUser
Report Time 10/12/2018 11:03 AM **Reporter Name** ISPUser
Last Calib Update 10/12/2018 10:29 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 19:36 **Data File** b Negative control.d
Sample Type Sample **Sample Name** b Negative control.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-E2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Norbuprenorphine	Norbuprenorphine-D3	6.894	12	10859	0.0011	0.2654 DNE

TS R

ISP FORENSICS - Pocatello Instrument # 59740

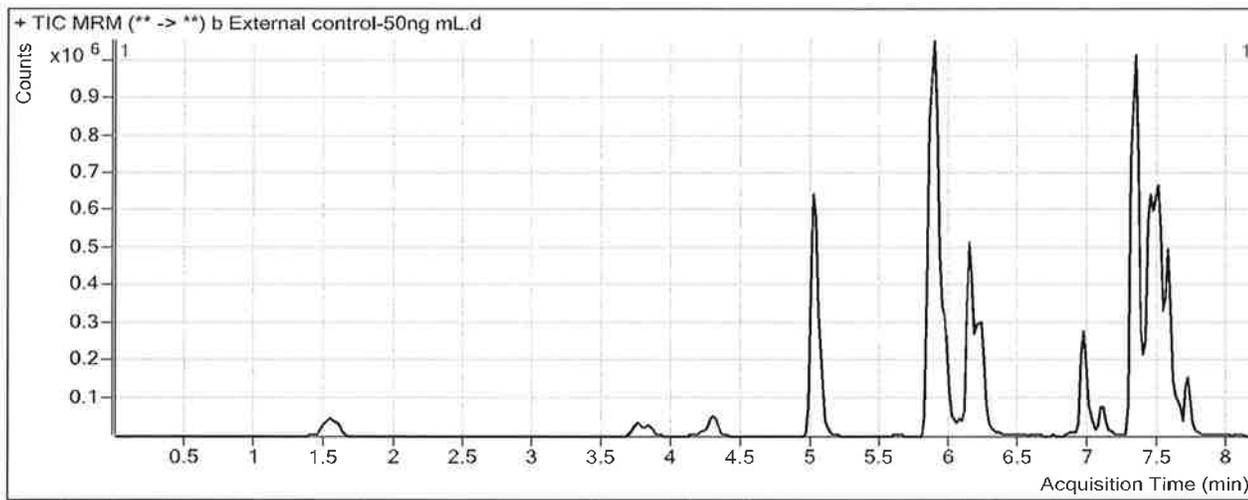
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin
Analysis Time 10/12/2018 10:29 AM **Analyst Name** ISPUser
Report Time 10/12/2018 11:03 AM **Reporter Name** ISPUser
Last Calib Update 10/12/2018 10:29 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 20:08 **Data File** b External control-50ng mL.d
Sample Type Sample **Sample Name** b External control-50ng mL.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-F2 **Sample Info**
Inj Vol -1 **Comment** AM 28; WS121217 50 ng trazodone, ketamine, morphine, quetiapine

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
<u>Ketamine</u>	Ketamine-D4	5.881	1775990	1145565	1.5503	59.0177
<u>Quetiapine</u>	Quetiapine-D8	7.318	2202015	545949	4.0334	44.0703

TS
D

ISP FORENSICS - Pocatello Instrument # 59740

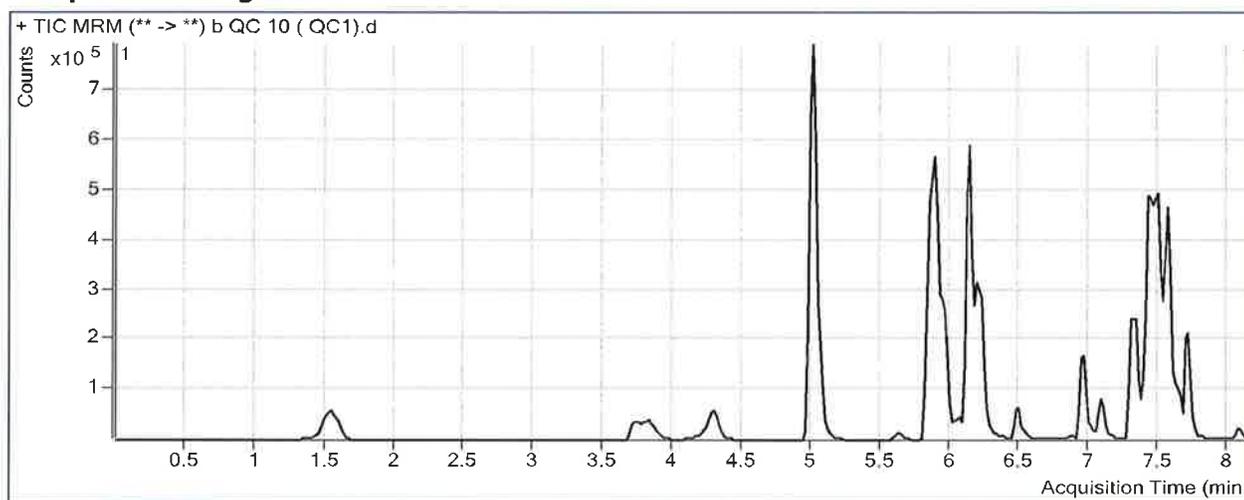
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin
Analysis Time 10/12/2018 10:29 AM **Analyst Name** ISUser
Report Time 10/12/2018 11:04 AM **Reporter Name** ISUser
Last Calib Update 10/12/2018 10:29 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 21:11 **Data File** b QC 10 (QC1).d
Sample Type QC **Sample Name** b QC 10 (QC1).d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-A2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.548	88954	382508	0.2326	8.9522
Dihydrocodeine	Dihydrocodeine-D6	3.850	53182	298909	0.1779	5.3142 DNE
Noroxycodone	Noroxycodone-D3	4.311	80046	292551	0.2736	9.4961
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.012	558350	2789852	0.2001	10.0642
Benzoylcegonine	Benzoylcegonine-d8	5.630	6171	30178	0.2045	14.1921
Ketamine	Ketamine-D4	5.861	255350	1026556	0.2487	10.2516
Norfentanyl	Norfentanyl-D5	5.924	25470	1406343	0.0181	1.4349 outside curve range
Cocaine	Cocaine-d3	6.129	106228	1803694	0.0589	10.1647
alpha-PVP	alpha-PVP-d8	6.227	152487	858374	0.1776	10.1578
Mirtazapine	alpha-PVP-d8	6.500	131997	858374	0.1538	8.6384
Norbuprenorphine	Norbuprenorphine-D3	6.874	355	23009	0.0154	1.0387 DNE
Fentanyl	Fentanyl-D5	6.958	8839	581774	0.0152	1.0429
Mitragynine	EDDP-D3	7.055	39952	186425	0.2143	7.4987
EDDP	EDDP-D3	7.088	30944	186425	0.1660	10.0237
Quetiapine	Quetiapine-D8	7.318	380500	403752	0.9424	10.7480
Cyclobenzaprine	Cyclobenzaprine-D3	7.392	71628	272324	0.2630	11.1734
Methadone	Methadone-D9	7.442	314401	1018981	0.3085	11.0643
Buprenorphine	Buprenorphine-D4	7.475	7349	157684	0.0466	1.3231
Fluoxetine	Fluoxetine-D6	7.483	249700	1006503	0.2481	10.6103

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report bQC10

TS S

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Oxazepam-D5	7.527	18389	98171	0.1873	12.2132
Sertraline	Sertraline-D3	7.543	83373	476206	0.1751	9.1088
Temazepam	Temazepam-D5	7.585	141961	810535	0.1751	10.0404
Nordiazepam	Nordiazepam-D5	7.655	56276	150871	0.3730	10.3610
Diazepam	Diazepam-D5	7.711	99600	451929	0.2204	10.1318

TS P

ISP FORENSICS - Pocatello Instrument # 59740

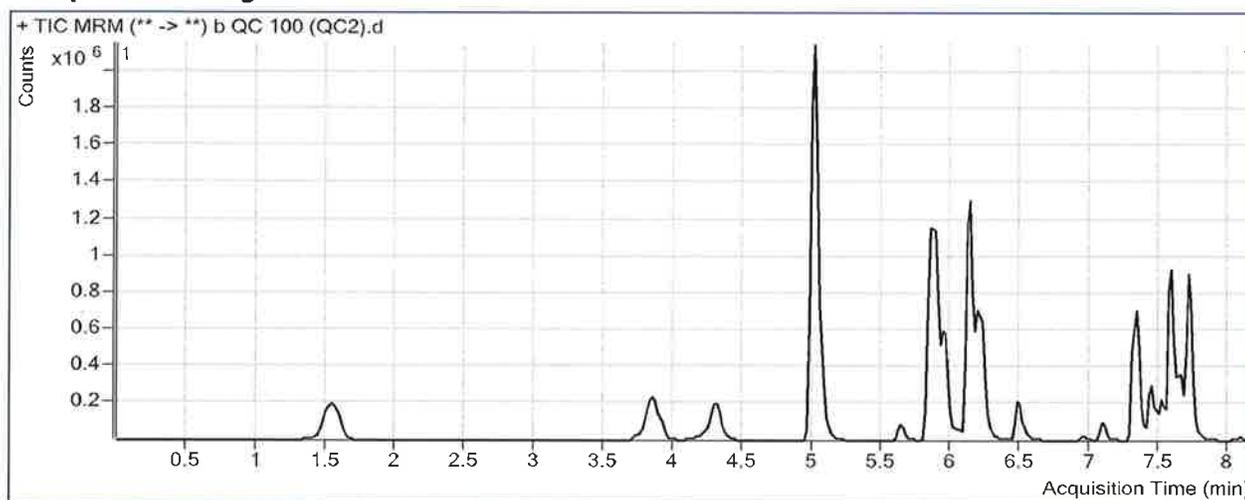
Multi-Drug Confirmatory Analysis Report

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Report Time 10/12/2018 11:04 AM **Reporter Name** ISUser
Last Calib Update 10/12/2018 10:29 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 23:17 **Data File** b QC 100 (QC2).d
Sample Type QC **Sample Name** b QC 100 (QC2).d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-B2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.548	1029610	392079	2.6260	88.2263
Dihydrocodeine	Dihydrocodeine-D6	3.850	637249	306531	2.0789	89.9740 DNE
Noroxycodone	Noroxycodone-D3	4.311	813838	256315	3.1751	98.4656
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.012	6043801	2847413	2.1226	97.7541
Benzoylcegonine	Benzoylcegonine-d8	5.630	94254	30749	3.0653	148.3012
Ketamine	Ketamine-D4	5.861	2618836	975572	2.6844	101.5087
Norfentanyl	Norfentanyl-D5	5.924	242725	1209042	0.2008	9.2391
Cocaine	Cocaine-d3	6.129	1016808	1552956	0.6548	86.5904
alpha-PVP	alpha-PVP-d8	6.227	1141630	604493	1.8886	98.4291
Mirtazapine	alpha-PVP-d8	6.480	452491	604493	0.7485	37.1404
Norbuprenorphine	Norbuprenorphine-D3	6.874	1366	5368	0.2545	13.9891 DNE
Fentanyl	Fentanyl-D5	6.958	8254	61702	0.1338	7.5821
Mitragynine	EDDP-D3	7.075	48426	74268	0.6520	20.4252
EDDP	EDDP-D3	7.088	142929	74268	1.9245	83.2079
Quetiapine	Quetiapine-D8	7.318	1668039	147706	11.2930	122.3328
Cyclobenzaprine	Cyclobenzaprine-D3	7.412	52470	17123	3.0643	108.8360
Methadone	Methadone-D9	7.442	513382	156290	3.2848	108.0132
Buprenorphine	Buprenorphine-D4	7.475	9254	25675	0.3604	10.3844
Fluoxetine	Fluoxetine-D6	7.503	169739	64850	2.6174	100.9951

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

TS P

b QC 100

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Oxazepam-D5	7.527	195272	106425	1.8348	97.0085
Sertraline	Sertraline-D3	7.543	46306	25373	1.8250	84.2395
Temazepam	Temazepam-D5	7.585	1618716	837781	1.9321	95.9167
Nordiazepam	Nordiazepam-D5	7.655	628076	163449	3.8426	94.8136
Diazepam	Diazepam-D5	7.711	1055031	423223	2.4928	92.5538

TS R

ISP FORENSICS - Pocatello Instrument # 59740

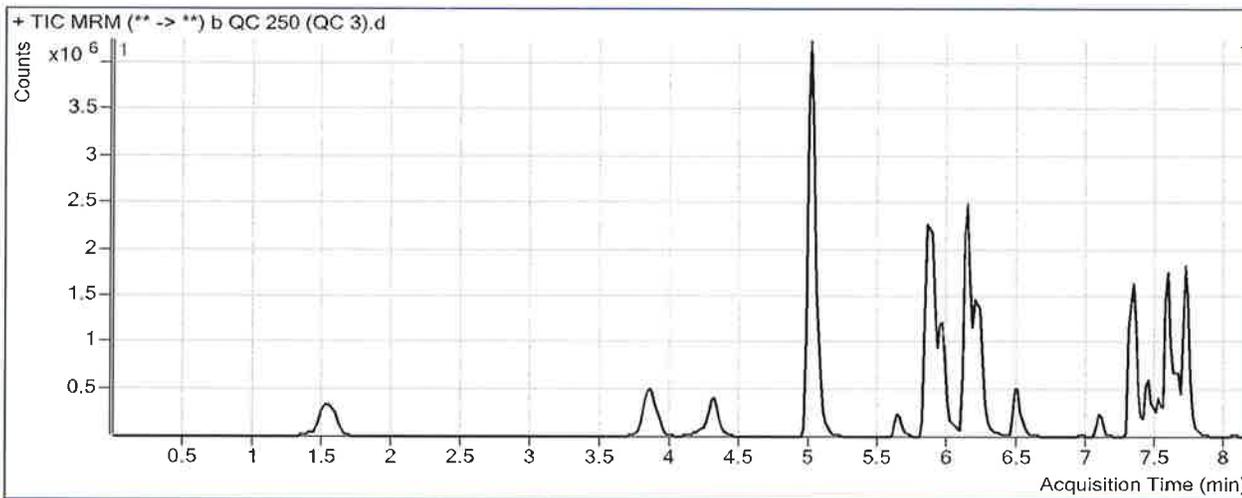
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin
Analysis Time 10/12/2018 10:29 AM **Analyst Name** ISPUser
Report Time 10/12/2018 11:05 AM **Reporter Name** ISPUser
Last Calib Update 10/12/2018 10:29 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-11 01:54 **Data File** b QC 250 (QC 3).d
Sample Type QC **Sample Name** b QC 250 (QC 3).d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-C2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.548	2237880	311867	7.1757	238.9172
Dihydrocodeine	Dihydrocodeine-D6	3.850	1524649	282360	5.3997	237.8635 DNE
Noroxycodone	Noroxycodone-D3	4.311	1834947	211672	8.6688	266.9176
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.012	14777488	2585723	5.7150	261.6222
Benzoyllecgonine	Benzoyllecgonine-d8	5.630	279429	28988	9.6396	456.4875
Ketamine	Ketamine-D4	5.861	6595151	879889	7.4954	281.7631
Norfentanyl	Norfentanyl-D5	5.924	620848	1107196	0.5607	24.6204
Cocaine	Cocaine-d3	6.129	2426038	1415388	1.7140	222.4554
alpha-PVP	alpha-PVP-d8	6.227	2819357	583998	4.8277	250.0657
Mirtazapine	alpha-PVP-d8	6.500	1143404	583998	1.9579	95.0932
Norbuprenorphine	Norbuprenorphine-D3	6.874	2934	4589	0.6392	34.8256 DNE
Fentanyl	Fentanyl-D5	6.958	20696	55537	0.3727	20.7546
Mitragynine	EDDP-D3	7.055	117277	73736	1.5905	48.1380
EDDP	EDDP-D3	7.088	420587	73736	5.7039	240.4973
Quetiapine	Quetiapine-D8	7.318	4135917	137849	30.0033	324.0408
Cyclobenzaprine	Cyclobenzaprine-D3	7.412	124240	17677	7.0283	247.0407
Methadone	Methadone-D9	7.442	1235836	139369	8.8674	289.8611
Buprenorphine	Buprenorphine-D4	7.475	20569	23279	0.8836	25.4915
Fluoxetine	Fluoxetine-D6	7.483	330681	51145	6.4656	247.7975

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

TS P

b QC 250

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Oxazepam-D5	7.508	447995	81776	5.4783	284.5350
Sertraline	Sertraline-D3	7.543	92348	19539	4.7263	216.3521
Temazepam	Temazepam-D5	7.585	3654960	718134	5.0895	250.2385
Nordiazepam	Nordiazepam-D5	7.655	1350394	134297	10.0553	246.0319
Diazepam	Diazepam-D5	7.711	2386217	368011	6.4841	237.3164

TS P

ISP FORENSICS - Pocatello Instrument # 59740

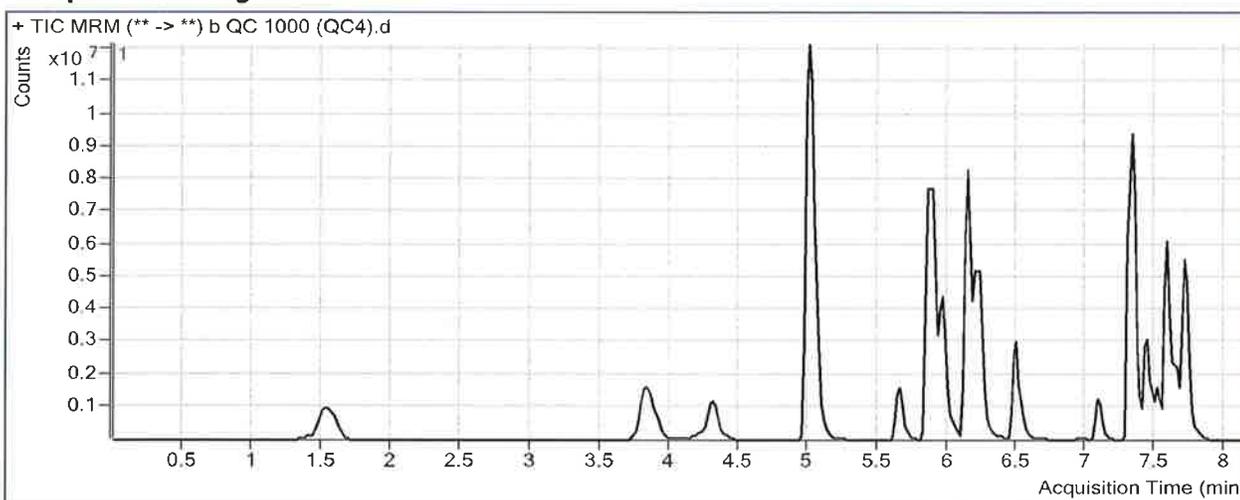
Multi-Drug Confirmatory Analysis Report

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Analysis Time 10/12/2018 10:29 AM **Analyst Name** ISUser
Report Time 10/12/2018 11:05 AM **Reporter Name** ISUser
Last Calib Update 10/12/2018 10:29 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-11 04:15 **Data File** b QC 1000 (QC4).d
Sample Type QC **Sample Name** b QC 1000 (QC4).d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-D2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.548	7051796	234876	30.0235	995.6563
Dihydrocodeine	Dihydrocodeine-D6	3.830	5588796	274213	20.3812	905.0630 <i>DNE</i>
Noroxycodone	Noroxycodone-D3	4.311	5902154	173413	34.0353	1044.7279
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.012	54579303	2308990	23.6377	1079.1539
Benzoylcegonine	Benzoylcegonine-d8	5.650	1919143	25932	74.0077	3473.9169 <i>outside line range</i>
Ketamine	Ketamine-D4	5.861	27233090	932533	29.2034	1095.0931
Norfentanyl	Norfentanyl-D5	5.924	2479378	994551	2.4930	107.1806
Cocaine	Cocaine-d3	6.129	8930512	1153144	7.7445	995.9250
alpha-PVP	alpha-PVP-d8	6.227	11592657	562310	20.6161	1064.6336
Mirtazapine	alpha-PVP-d8	6.500	6373265	562310	11.3341	544.4080
Norbuprenorphine	Norbuprenorphine-D3	6.874	7774	4470	1.7389	94.3829 <i>DNE</i>
Fentanyl	Fentanyl-D5	6.958	123969	63384	1.9558	108.0559
Mitragynine	EDDP-D3	7.055	669031	93694	7.1406	212.0342
EDDP	EDDP-D3	7.108	2467669	93694	26.3376	1099.2090
Quetiapine	Quetiapine-D8	7.318	23721589	201476	117.7393	1269.8821
Cyclobenzaprine	Cyclobenzaprine-D3	7.412	769385	24890	30.9119	1079.7197
Methadone	Methadone-D9	7.442	6678999	189508	35.2438	1149.0518
Buprenorphine	Buprenorphine-D4	7.475	57796	19255	3.0016	86.6500
Fluoxetine	Fluoxetine-D6	7.483	1481811	54254	27.3126	1043.0706

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report TS P
b QC 1000

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Oxazepam-D5	7.508	1817553	81540	22.2903	1149.8220
Sertraline	Sertraline-D3	7.563	389091	20160	19.3004	880.0026
Temazepam	Temazepam-D5	7.585	14311582	611556	23.4019	1145.2865
Nordiazepam	Nordiazepam-D5	7.655	4310552	99041	43.5229	1060.6499
Diazepam	Diazepam-D5	7.711	8257853	298962	27.6218	1003.9799

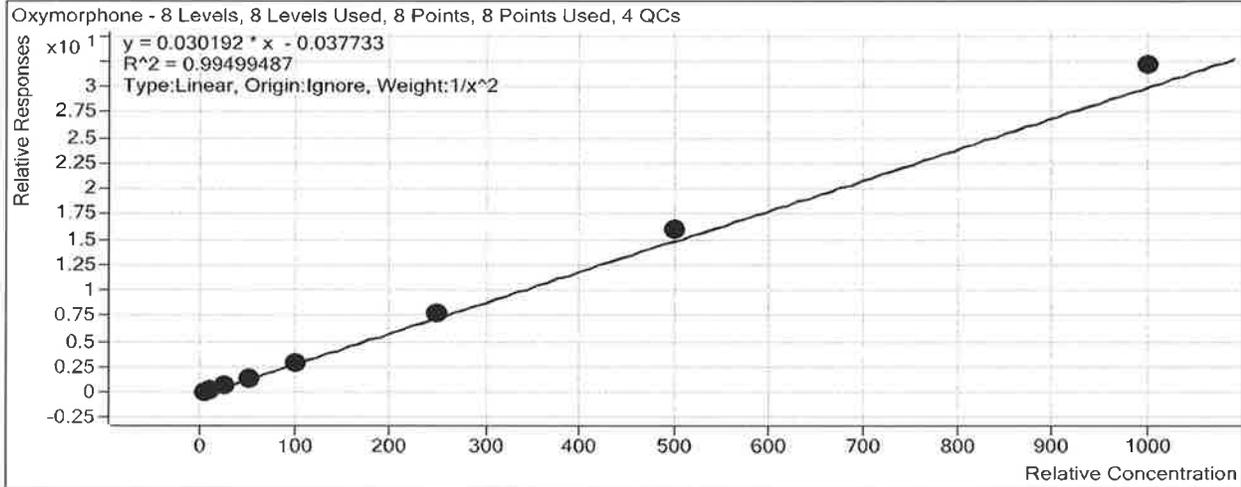
ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM **Analyst Name** ISP TOX

Target Compound Oxymorphone
Internal Standard Oxymorphone-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	105.2
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.4	94.0
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.0	89.5
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.9	91.4
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.1	94.1
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	99.0	99.0
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	88.2	88.2
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	258.7	103.5
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	238.9	95.6
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	530.5	106.1
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1066.6	106.7
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	995.7	99.6

ISP Forensics Calibration Curve Report

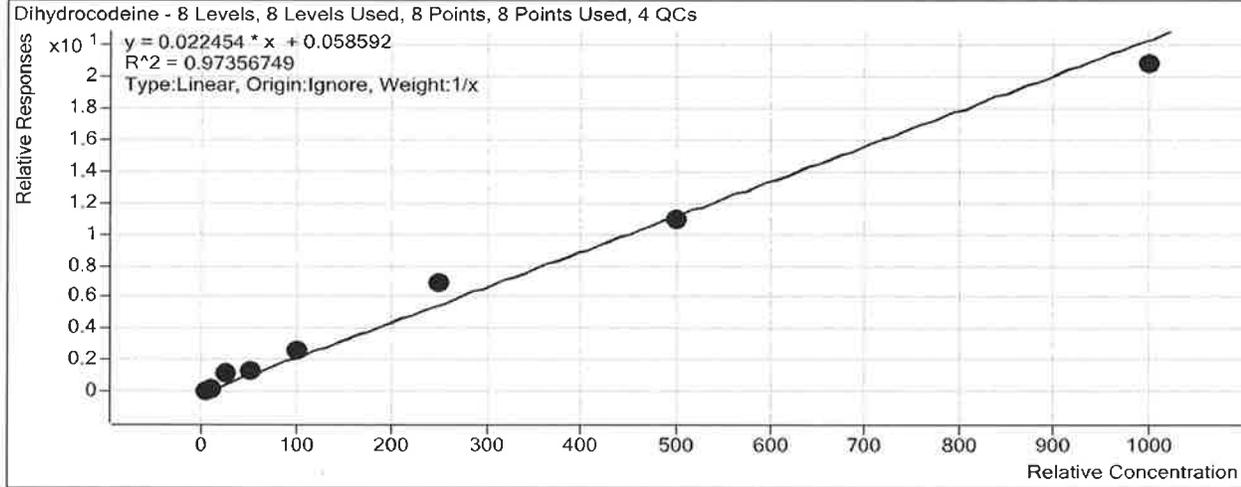
TS
B

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM

Analyst Name ISP TOX

Target Compound Dihydrocodeine
Internal Standard Dihydrocodeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	1.2	24.2
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	4.8	47.9
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	5.3	53.1
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	47.7	190.9
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	54.5	108.9
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	116.1	116.1
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	90.0	90.0
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	306.3	122.5
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	237.9	95.1
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	484.8	97.0
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	924.7	92.5
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	905.1	90.5

Did not evaluate → poor peak shape ↗

ISP Forensics Calibration Curve Report

TS
P

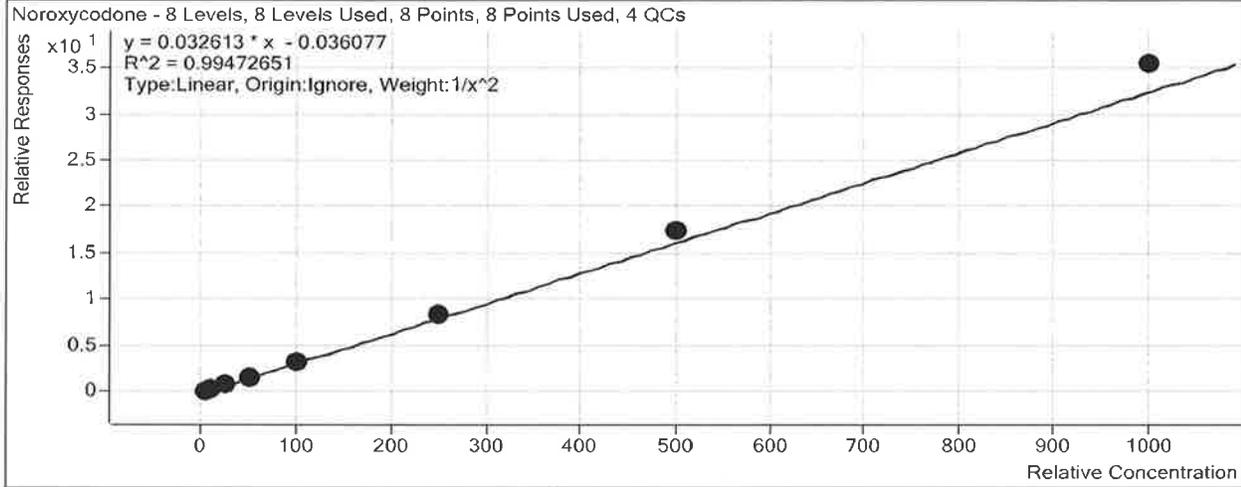
Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM

Analyst Name ISP TOX

Target Compound *Noroxycodone*

Internal Standard *Noroxycodone-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	104.7
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.5	95.2
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.5	95.0
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.7	90.9
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.0	95.9
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	96.3	96.3
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	98.5	98.5
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	254.4	101.8
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	266.9	106.8
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	532.6	106.5
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1087.3	108.7
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1044.7	104.5

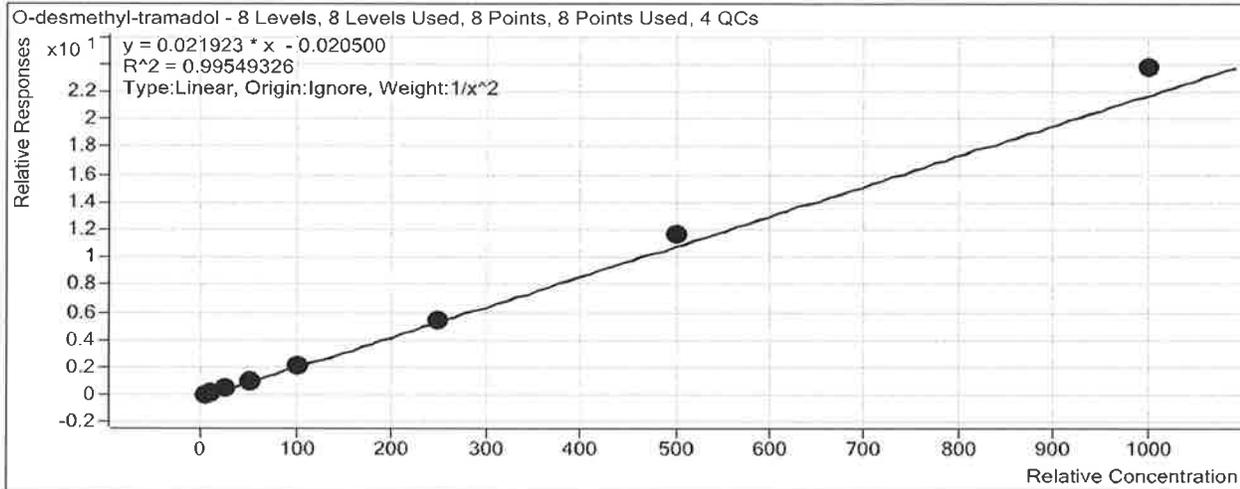
ISP Forensics Calibration Curve Report

TS
D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 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.d	1	<input checked="" type="checkbox"/>	5	5.2	103.9
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.6	95.9
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.1	100.6
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.3	93.4
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.3	94.6
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	96.7	96.7
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	97.8	97.8
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	249.2	99.7
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	261.6	104.6
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	536.5	107.3
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1083.7	108.4
b QC 1000 (QC4).d	8	<input type="checkbox"/>	1000	1079.2	107.9

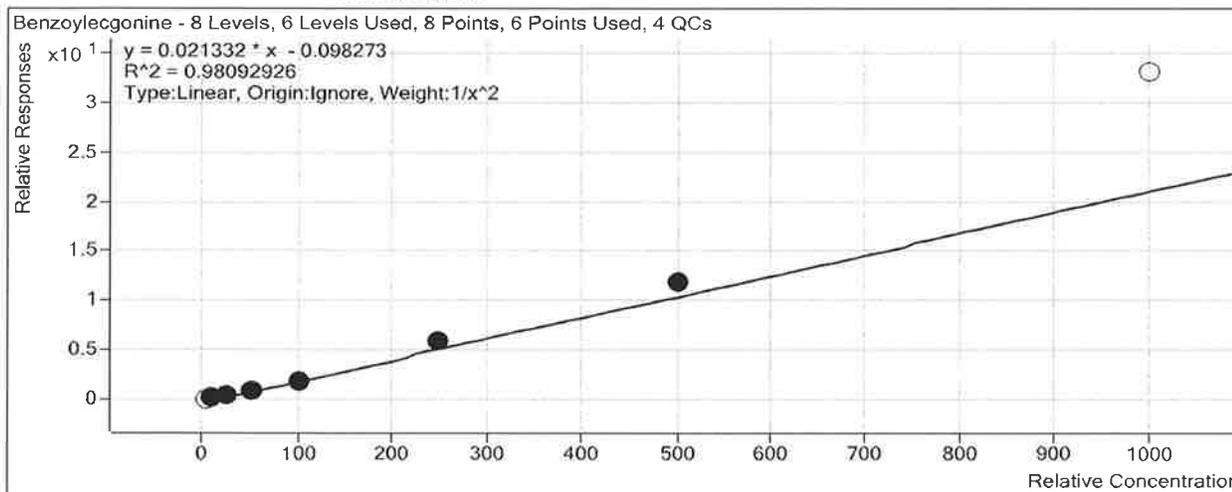
ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM **Analyst Name** ISP TOX

Target Compound *Benzoyllecgonine*
Internal Standard *Benzoyllecgonine-d8*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input type="checkbox"/>	5	8.1	161.7
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.6	106.5
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	14.2	141.9
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.8	91.2
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	42.4	84.8
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	93.9	93.9
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	148.3	148.3
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	279.7	111.9
b QC 250 (QC 3).d	6	<input type="checkbox"/>	250	456.5	182.6
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	559.2	111.8
b cal 8-1000ng.d	8	<input type="checkbox"/>	1000	1554.5	155.5
b QC 1000 (QC4).d	8	<input type="checkbox"/>	1000	3473.9	347.4

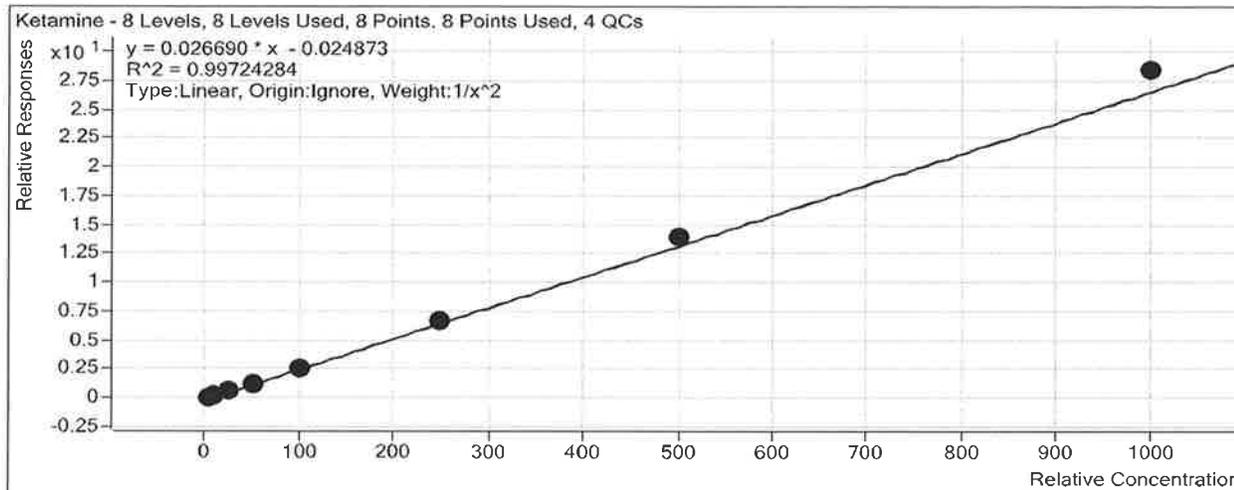
ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	103.8
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.5	95.2
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.3	102.5
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.8	95.0
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.2	96.3
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	97.8	97.8
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	101.5	101.5
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	251.4	100.6
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	281.8	112.7
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	525.0	105.0
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1063.2	106.3
b QC 1000 (QC4).d	8	<input type="checkbox"/>	1000	1095.1	109.5

ISP Forensics Calibration Curve Report

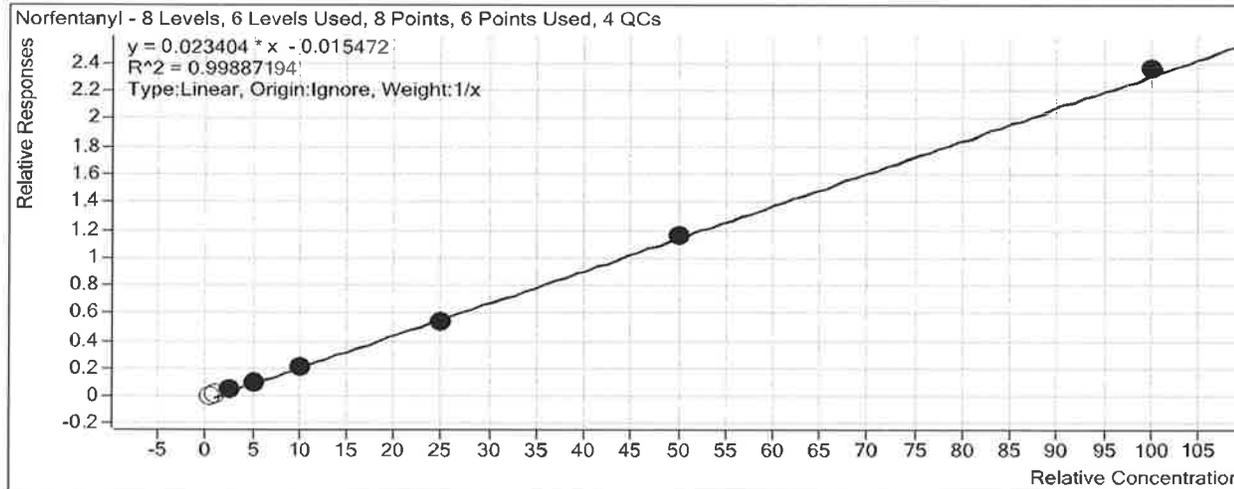
TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input type="checkbox"/>	0.5	1.1	212.5
b cal 2-10ng.d	2	<input type="checkbox"/>	1	1.4	136.4
b QC 10 (QC1).d	2	<input type="checkbox"/>	1	1.4	143.5
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	2.5	2.7	109.2
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	5	5.0	99.6
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	10	9.5	95.3
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	10	9.2	92.4
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	25	23.4	93.8
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	25	24.6	98.5
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	50	50.3	100.7
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	100	101.5	101.5
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	100	107.2	107.2

ISP Forensics Calibration Curve Report

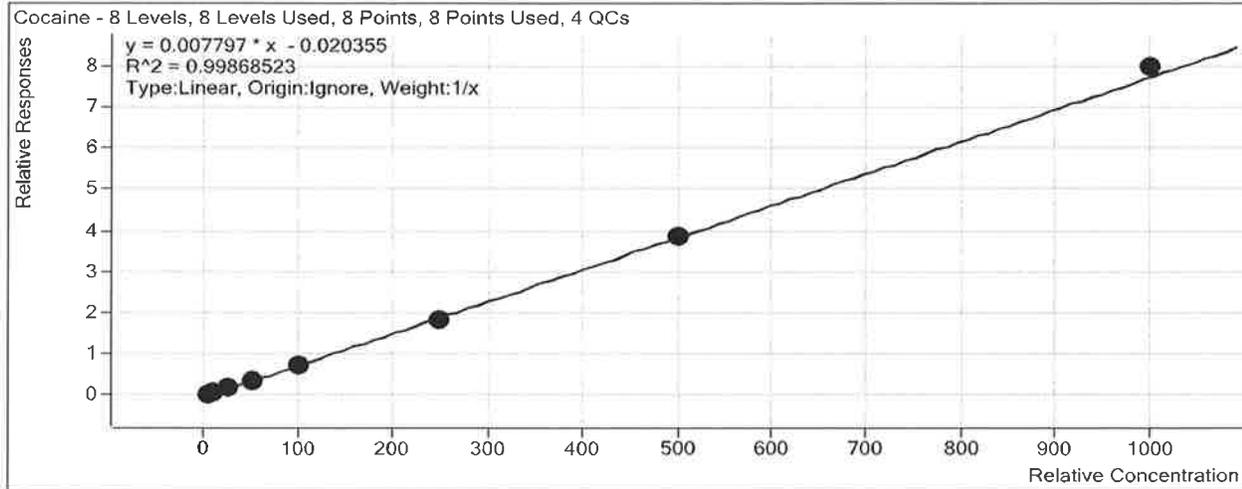
TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM

Analyst Name ISP TOX

Target Compound Cocaine
Internal Standard Cocaine-d3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	6.1	122.8
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.0	100.1
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.2	101.6
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.4	93.7
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.9	93.8
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	92.1	92.1
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	86.6	86.6
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	238.8	95.5
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	222.5	89.0
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	497.3	99.5
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1025.3	102.5
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	995.9	99.6

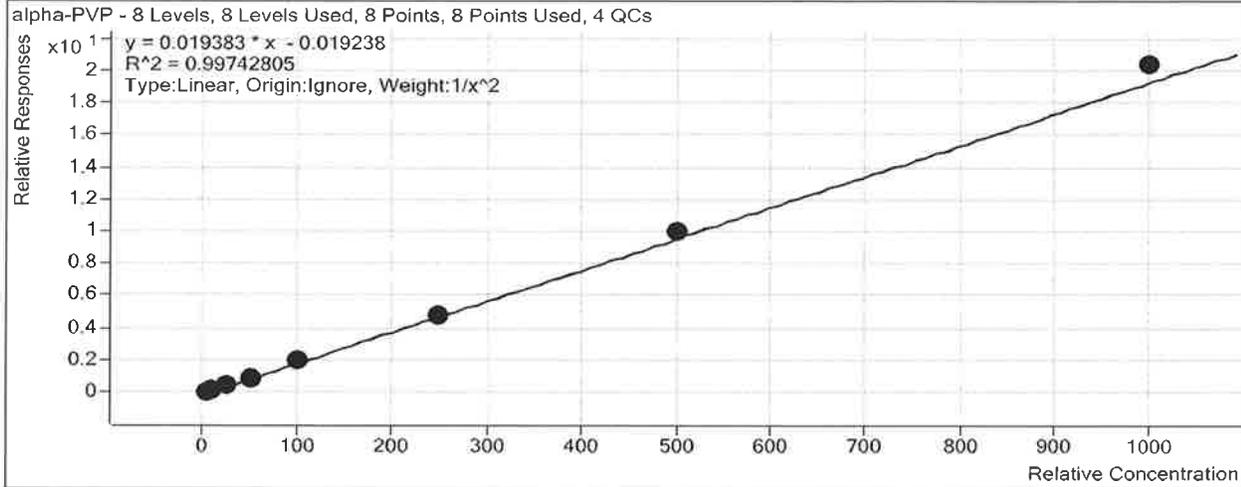
ISP Forensics Calibration Curve Report

TS
R

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 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.d	1	<input checked="" type="checkbox"/>	5	5.2	104.4
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.3	92.7
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.2	101.6
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.6	98.2
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.6	95.3
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	100.3	100.3
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	98.4	98.4
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	251.3	100.5
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	250.1	100.0
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	517.6	103.5
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1050.8	105.1
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1064.6	106.5

ISP Forensics Calibration Curve Report

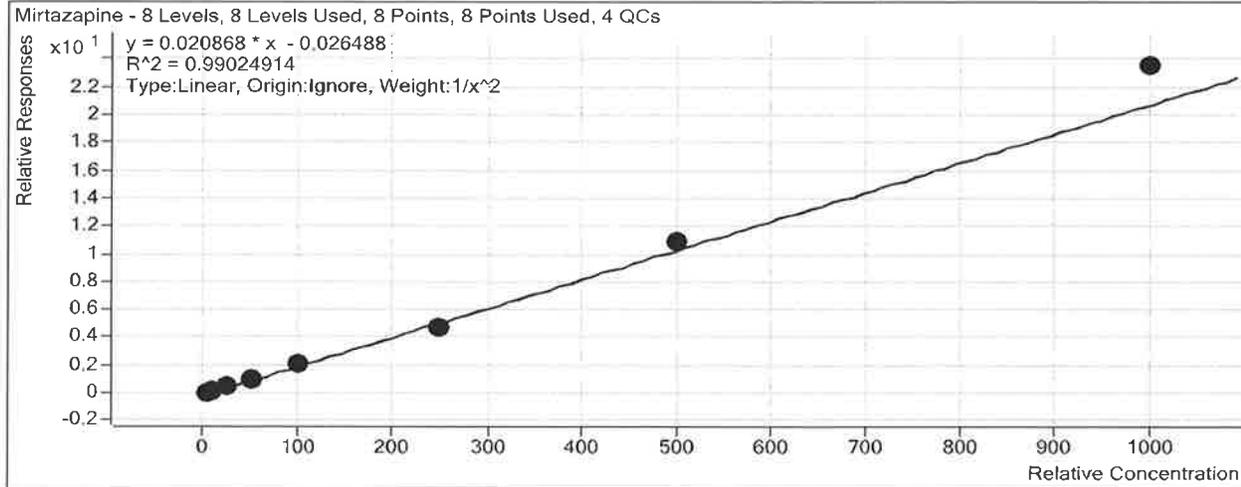
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 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.d	1	<input checked="" type="checkbox"/>	5	5.3	106.8
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	8.7	87.4
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	8.6	86.4
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.9	99.7
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.8	95.7
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	102.4	102.4
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	37.1	37.1
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	225.1	90.0
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	95.1	38.0
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	526.8	105.4
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1127.0	112.7
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	544.4	54.4

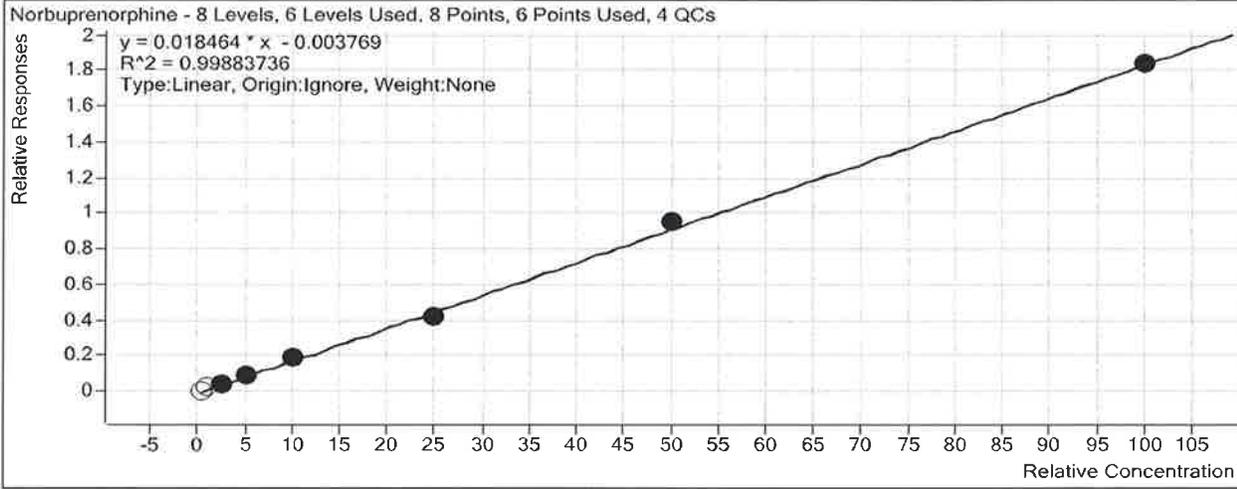
ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input type="checkbox"/>	0.5	0.5	108.8
b cal 2-10ng.d	2	<input type="checkbox"/>	1	1.8	175.5
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	1	1.0	103.9
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	2.5	2.6	105.9
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	5	5.4	107.9
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	10	10.3	103.5
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	10	14.0	139.9
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	25	22.8	91.1
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	25	34.8	139.3
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	50	51.7	103.4
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	100	99.7	99.7
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	100	94.4	94.4

Did not evaluate → ratios out P

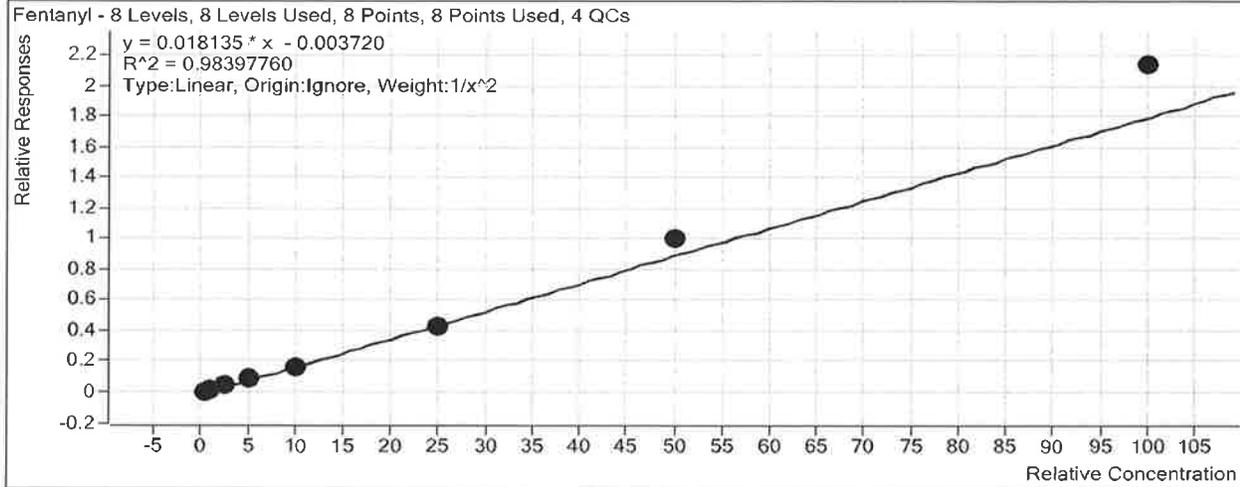
ISP Forensics Calibration Curve Report

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B

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	0.5	0.5	108.5
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	1	0.9	88.5
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	1	1.0	104.3
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	2.5	2.3	90.2
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	5	4.7	94.9
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	10	9.3	92.9
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	10	7.6	75.8
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	25	23.9	95.4
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	25	20.8	83.0
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	50	55.7	111.5
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	100	118.1	118.1
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	100	108.1	108.1

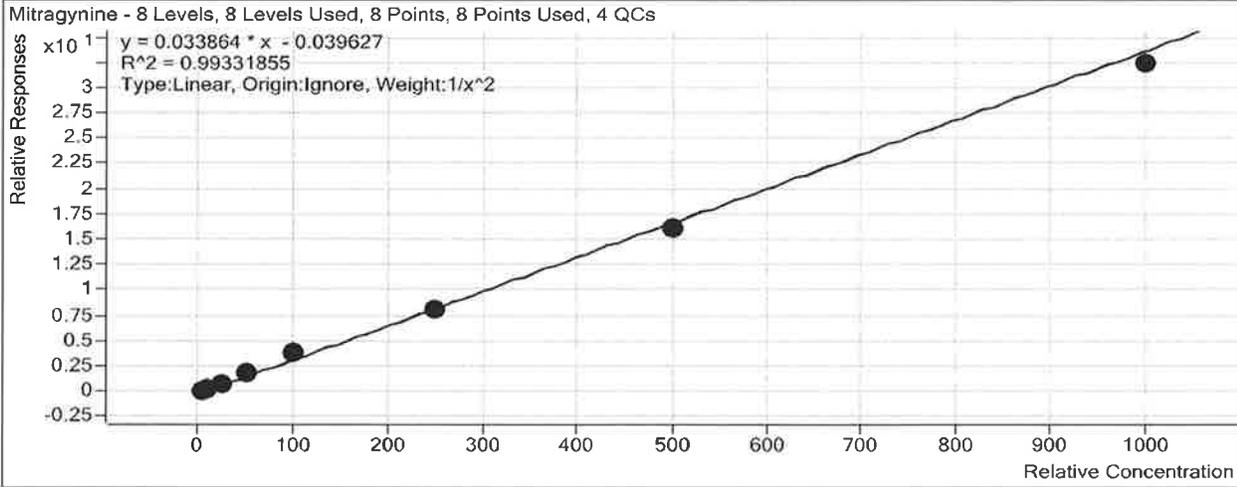
ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	103.5
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.1	91.4
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	7.5	75.0
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.5	97.9
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	53.7	107.5
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	112.5	112.5
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	20.4	20.4
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	239.1	95.7
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	48.1	19.3
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	480.0	96.0
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	956.5	95.6
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	212.0	21.2

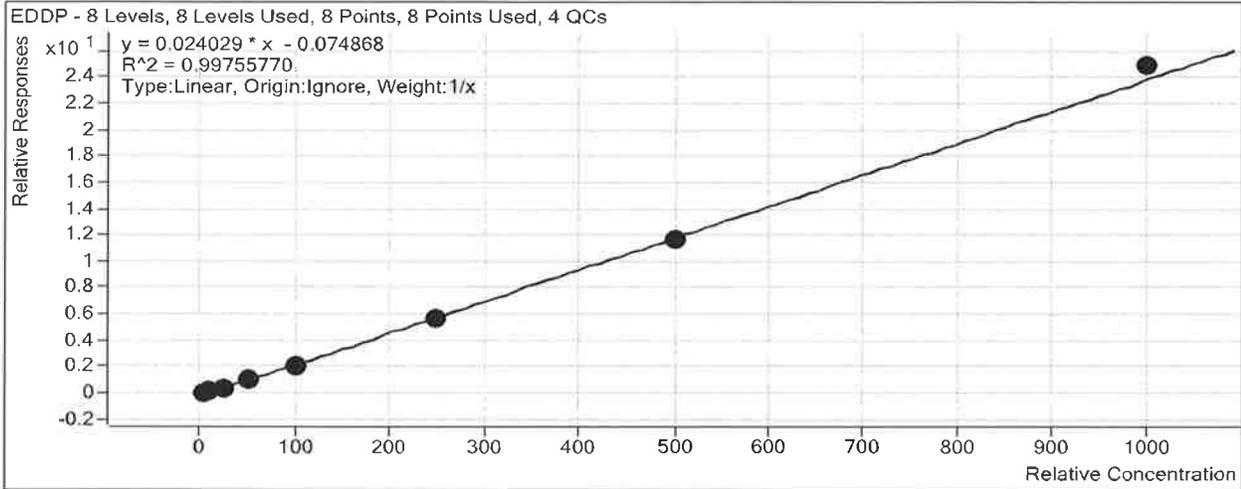
ISP Forensics Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM **Analyst Name** ISP TOX

Target Compound EDDP
Internal Standard EDDP-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	6.5	129.3
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.8	108.0
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.0	100.2
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	20.8	83.1
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	44.8	89.6
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	92.8	92.8
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	83.2	83.2
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	239.9	96.0
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	240.5	96.2
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	487.7	97.5
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1036.8	103.7
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1099.2	109.9

ISP Forensics Calibration Curve Report

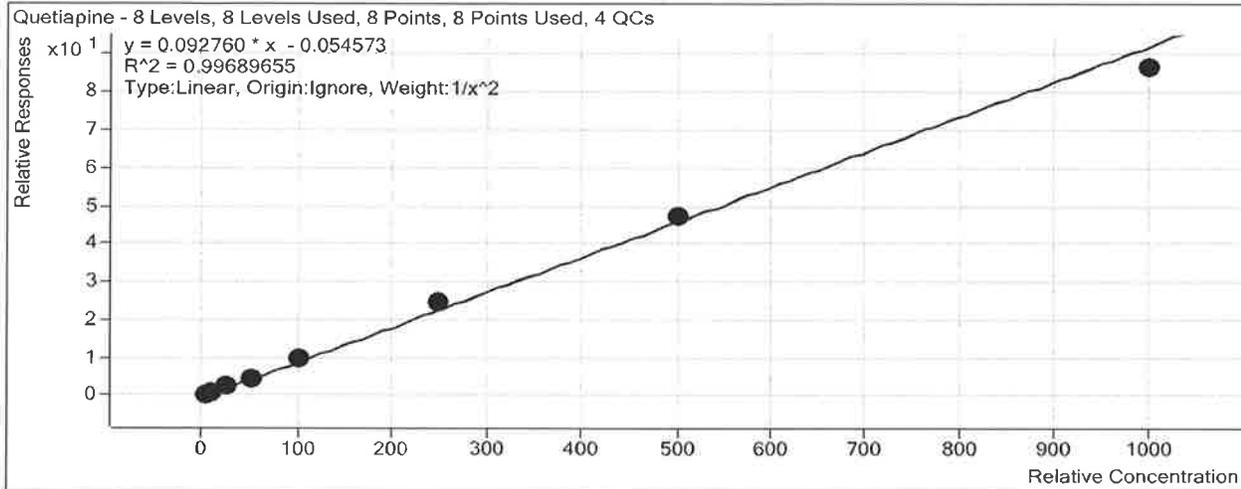
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM

Analyst Name ISP TOX

Target Compound Quetiapine
Internal Standard Quetiapine-D8



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	101.5
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.7	96.9
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.7	107.5
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	25.5	101.8
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.9	93.8
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	103.5	103.5
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	122.3	122.3
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	267.1	106.9
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	324.0	129.6
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	511.7	102.3
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	932.7	93.3
b QC 1000 (QC4).d	8	<input type="checkbox"/>	1000	1269.9	127.0

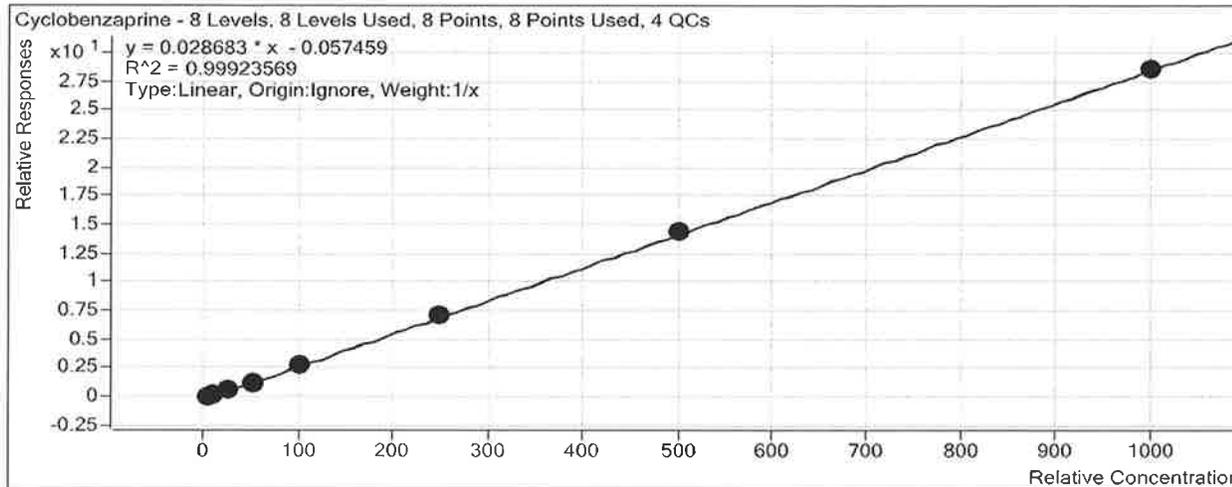
ISP Forensics Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM **Analyst Name** ISP TOX

Target Compound Cyclobenzaprine
Internal Standard Cyclobenzaprine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	6.0	120.2
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.6	95.6
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	11.2	111.7
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.4	93.4
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	43.5	86.9
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	101.7	101.7
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	108.8	108.8
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	253.4	101.4
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	247.0	98.8
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	506.1	101.2
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	996.4	99.6
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1079.7	108.0

ISP Forensics Calibration Curve Report

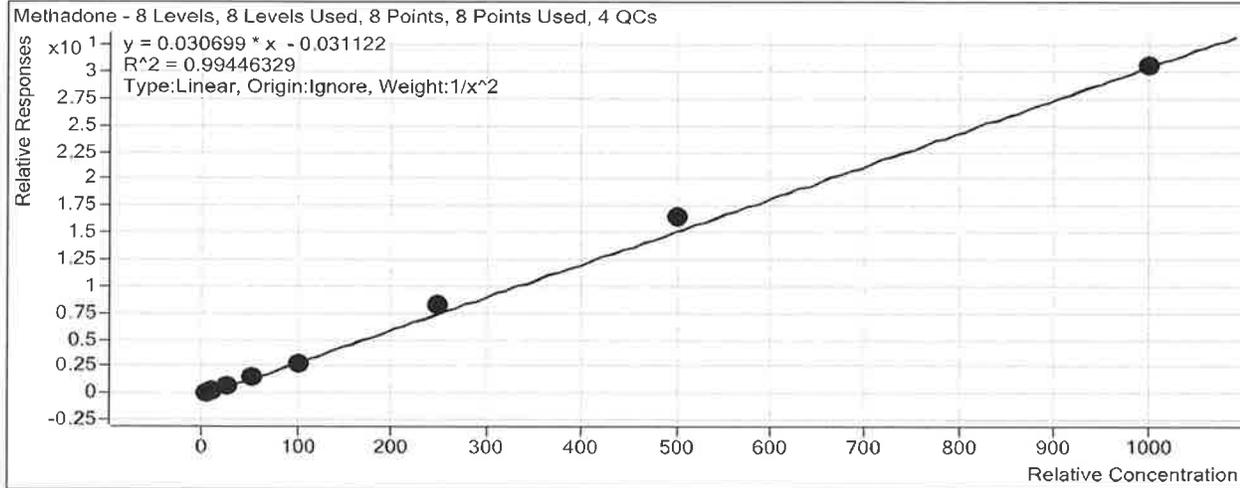
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	102.8
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.9	99.2
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	11.1	110.6
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.0	88.0
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	50.0	100.0
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	95.1	95.1
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	108.0	108.0
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	267.5	107.0
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	289.9	115.9
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	541.2	108.2
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	996.7	99.7
b QC 1000 (QC4).d	8	<input type="checkbox"/>	1000	1149.1	114.9

ISP Forensics Calibration Curve Report

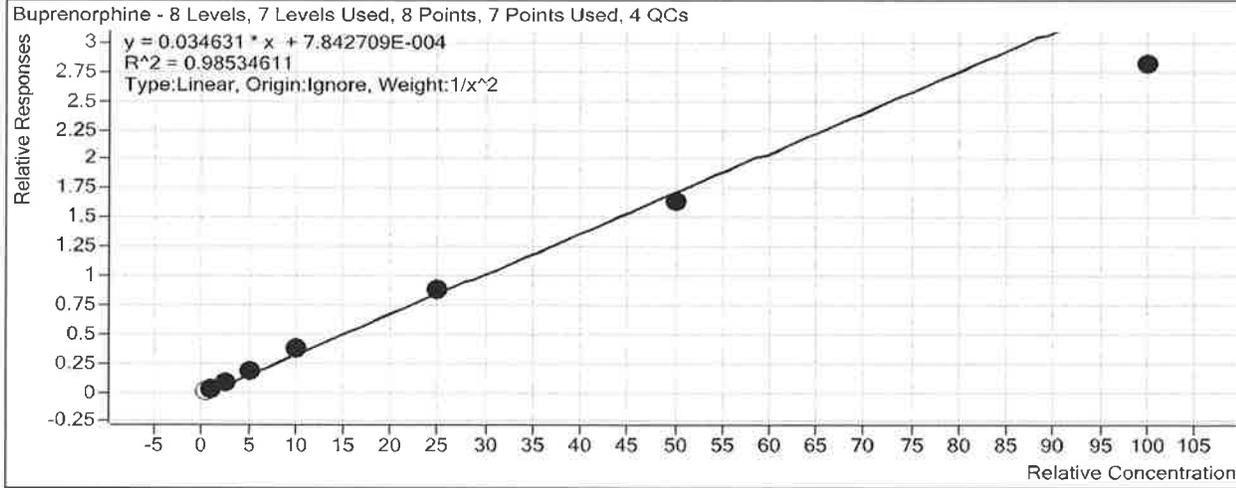
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input type="checkbox"/>	0.5	0.5	107.2
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	1	0.9	94.4
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	1	1.3	132.3
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	2.5	2.7	108.0
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	5	5.4	107.2
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	10	11.1	111.2
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	10	10.4	103.8
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	25	25.8	103.0
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	25	25.5	102.0
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	50	47.5	95.0
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	100	81.3	81.3
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	100	86.6	86.6

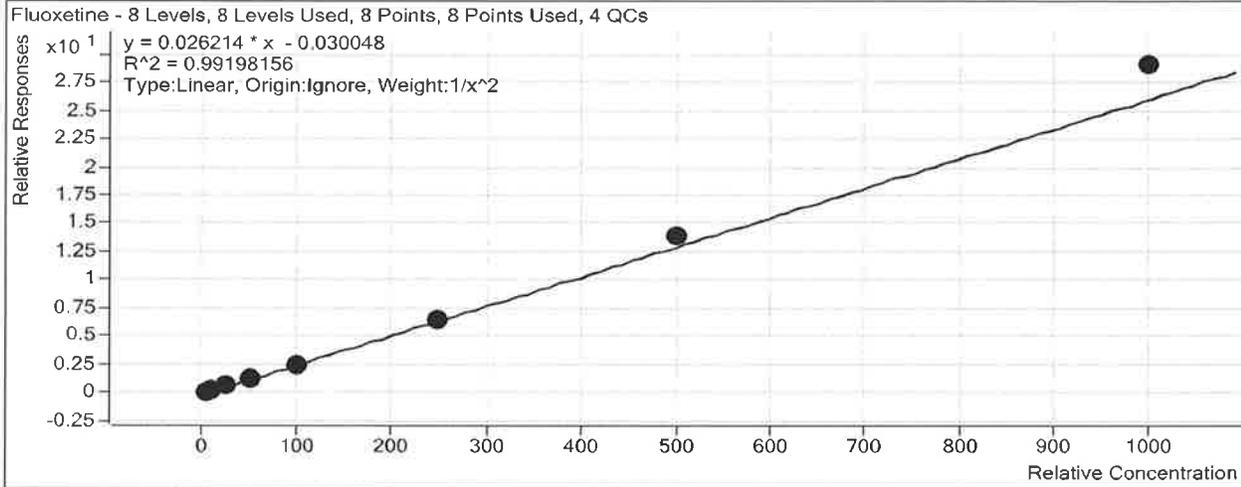
ISP Forensics Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.4	107.6
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	8.8	88.1
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.6	106.1
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.6	94.4
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.6	95.2
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	97.5	97.5
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	101.0	101.0
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	248.7	99.5
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	247.8	99.1
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	534.1	106.8
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1109.6	111.0
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1043.1	104.3

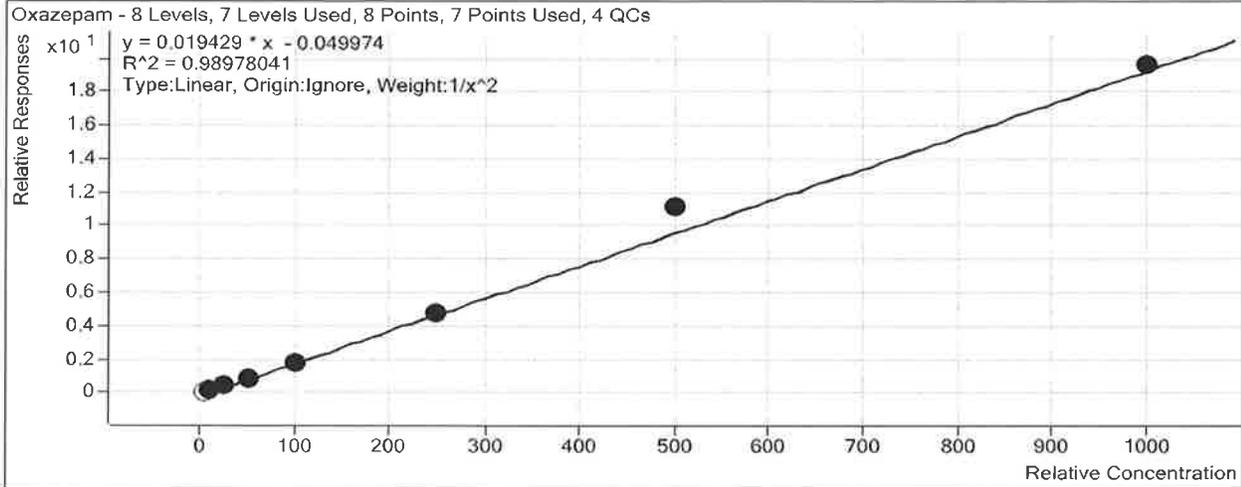
ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM **Analyst Name** ISP TOX

Target Compound Oxazepam
Internal Standard Oxazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input type="checkbox"/>	5	8.4	167.2
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.5	104.9
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	12.2	122.1
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.2	93.0
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	45.5	91.0
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	93.2	93.2
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	97.0	97.0
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	252.1	100.9
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	284.5	113.8
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	579.4	115.9
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1011.8	101.2
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1149.8	115.0

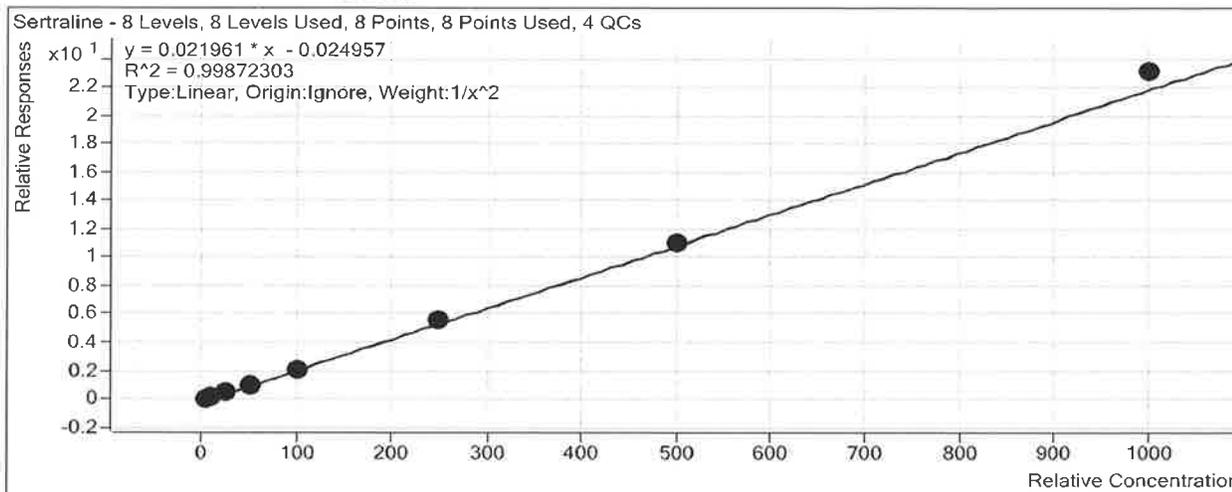
ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	101.8
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.9	98.7
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.1	91.1
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.0	95.9
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.4	96.9
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	98.3	98.3
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	84.2	84.2
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	255.8	102.3
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	216.4	86.5
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	505.2	101.0
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1051.2	105.1
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	880.0	88.0

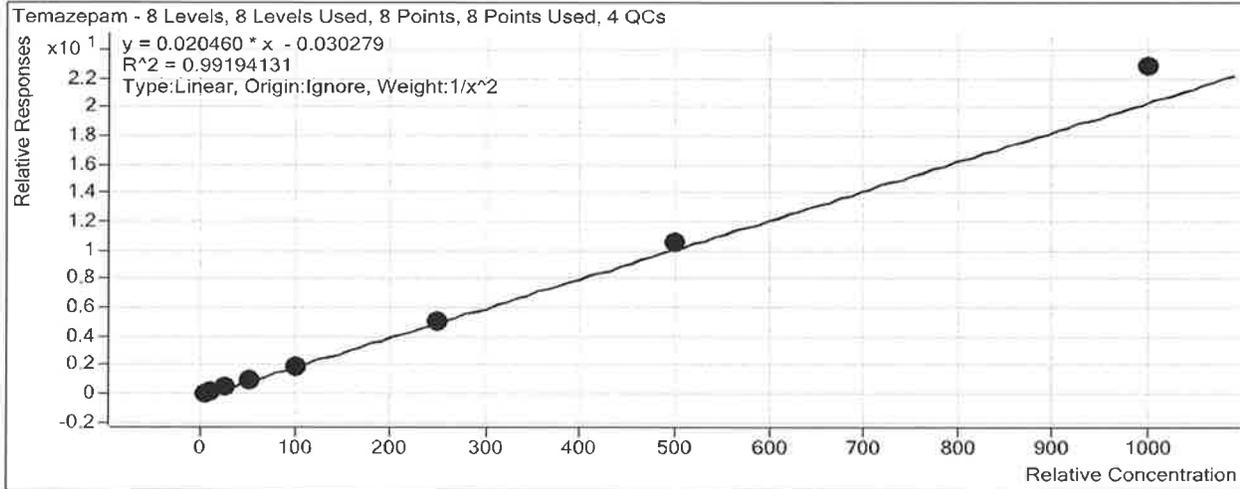
ISP Forensics Calibration Curve Report

TS
R

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.4	107.4
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	8.9	89.1
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.0	100.4
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.5	89.9
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	50.2	100.4
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	97.9	97.9
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	95.9	95.9
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	250.6	100.2
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	250.2	100.1
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	517.1	103.4
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1116.3	111.6
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1145.3	114.5

ISP Forensics Calibration Curve Report

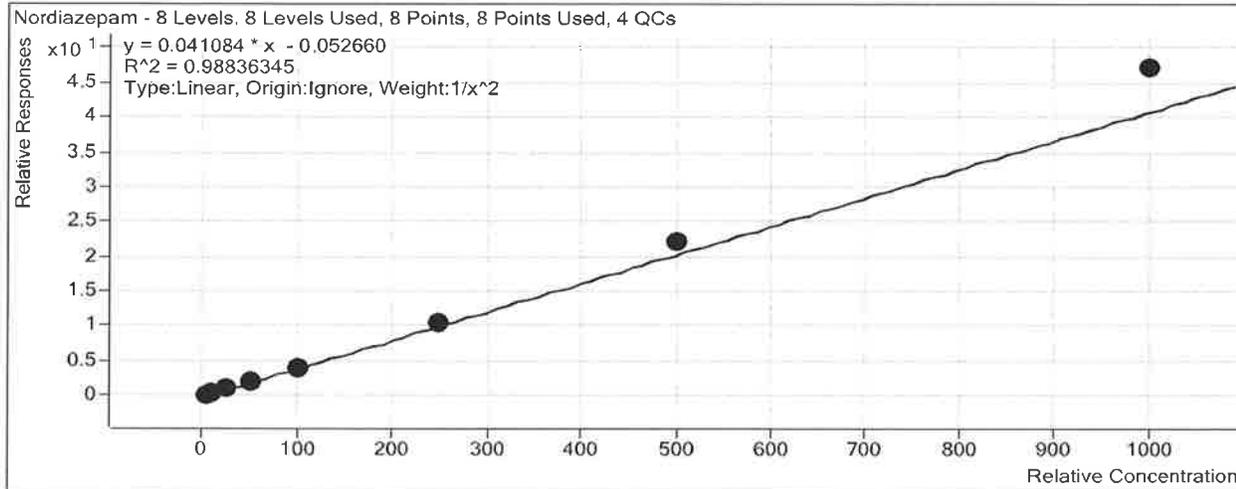
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM

Analyst Name ISP TOX

Target Compound Nordiazepam
Internal Standard Nordiazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	107.0
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.2	92.5
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.4	103.6
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	21.9	87.7
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.3	92.7
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	95.1	95.1
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	94.8	94.8
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	255.7	102.3
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	246.0	98.4
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	540.3	108.1
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1147.1	114.7
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1060.6	106.1

ISP Forensics Calibration Curve Report

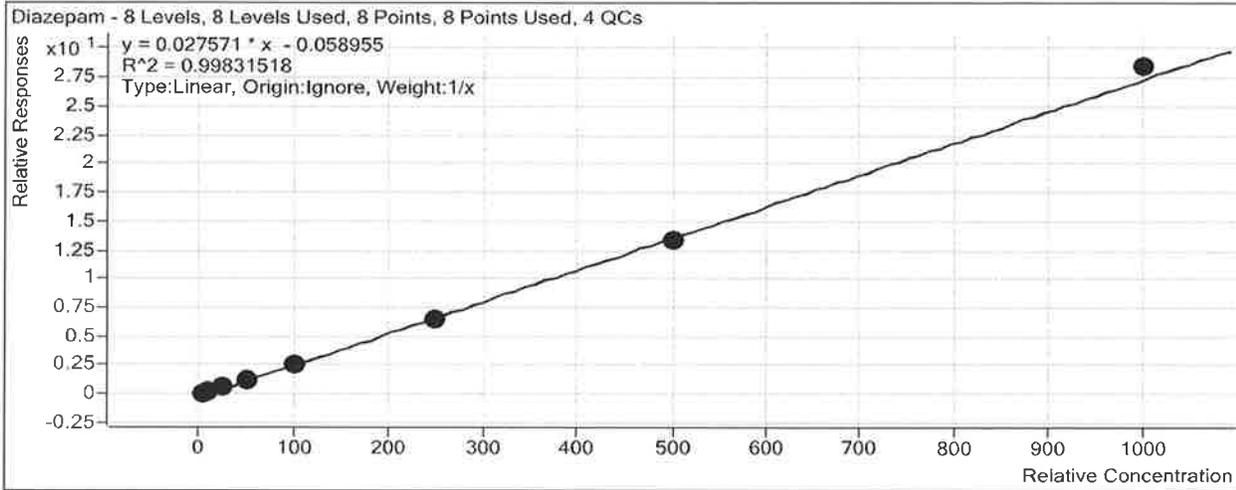
TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin

Last Calib Update 10/12/2018 10:29 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	6.1	122.6
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.3	102.6
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.1	101.3
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.0	91.9
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.0	91.9
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	94.8	94.8
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	92.6	92.6
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	237.7	95.1
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	237.3	94.9
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	488.8	97.8
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1033.3	103.3
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1004.0	100.4

TS
D

ISP FORENSICS - Pocatello Instrument # 59740

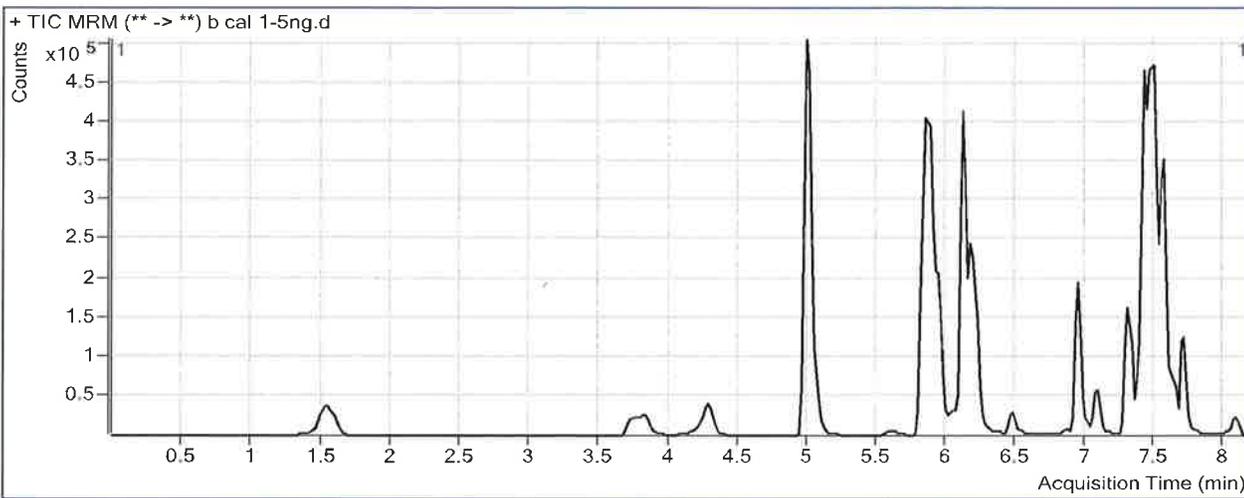
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin
Analysis Time 10/12/2018 10:29 AM **Analyst Name** ISUser
Report Time 10/12/2018 11:02 AM **Reporter Name** ISUser
Last Calib Update 10/12/2018 10:29 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 14:22 **Data File** b cal 1-5ng.d
Sample Type Calibration **Sample Name** b cal 1-5ng.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-A1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.548	32392	267582	0.1211	5.2592
Dihydrocodeine	Dihydrocodeine-D6	3.870	18124	211350	0.0858	1.2096
Noroxycodone	Noroxycodone-D3	4.298	28857	214420	0.1346	5.2330
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.992	184636	1975930	0.0934	5.1974
Benzoylcegonine	Benzoylcegonine-d8	5.630	1601	21593	0.0742	8.0834
Ketamine	Ketamine-D4	5.861	94211	829215	0.1136	5.1887
Norfentanyl	Norfentanyl-D5	5.903	10645	1133732	0.0094	1.0623
Cocaine	Cocaine-d3	6.109	38334	1392543	0.0275	6.1415
alpha-PVP	alpha-PVP-d8	6.207	59737	729186	0.0819	5.2191
Mirtazapine	alpha-PVP-d8	6.480	61923	729186	0.0849	5.3389
Norbuprenorphine	Norbuprenorphine-D3	6.854	151	24051	0.0063	0.5439
Fentanyl	Fentanyl-D5	6.938	4141	677141	0.0061	0.5424
Mitragynine	EDDP-D3	7.035	22267	164208	0.1356	5.1746
EDDP	EDDP-D3	7.088	13214	164208	0.0805	6.4649
Quetiapine	Quetiapine-D8	7.318	148514	356781	0.4163	5.0759
Cyclobenzaprine	Cyclobenzaprine-D3	7.392	37170	323600	0.1149	6.0079
Methadone	Methadone-D9	7.422	146417	1155389	0.1267	5.1417
Buprenorphine	Buprenorphine-D4	7.455	3852	199122	0.0193	0.5360
Fluoxetine	Fluoxetine-D6	7.483	131162	1182445	0.1109	5.3778

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

TS
P

b cal 1

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Oxazepam-D5	7.508	7621	67748	0.1125	8.3621
Sertraline	Sertraline-D3	7.543	43975	506452	0.0868	5.0903
Temazepam	Temazepam-D5	7.565	45152	566969	0.0796	5.3724
Nordiazepam	Nordiazepam-D5	7.655	20628	123421	0.1671	5.3499
Diazepam	Diazepam-D5	7.711	34559	314058	0.1100	6.1294

TS
P

ISP FORENSICS - Pocatello Instrument # 59740

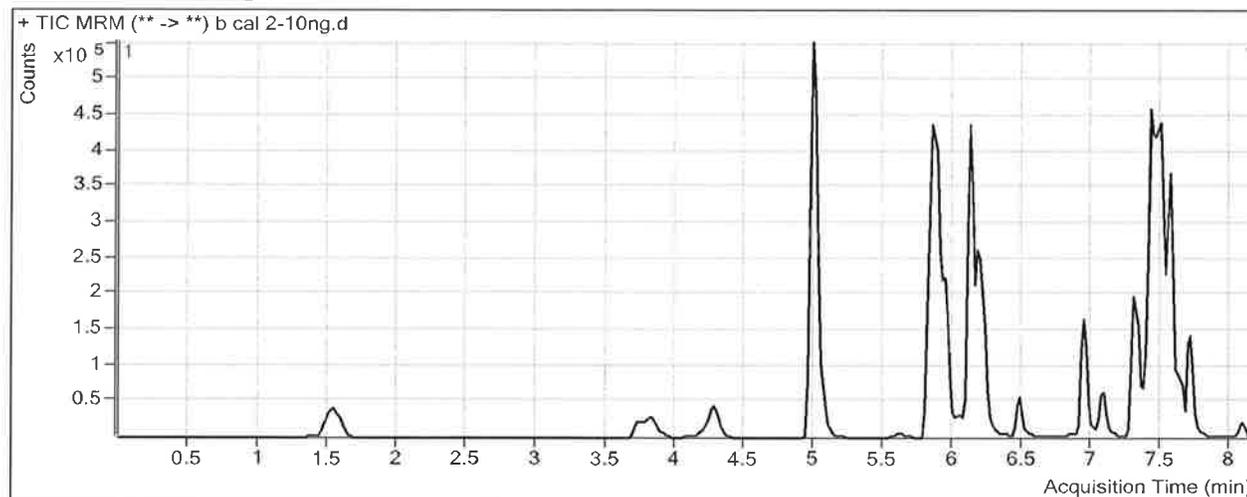
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin
Analysis Time 10/12/2018 10:29 AM **Analyst Name** ISPUser
Report Time 10/12/2018 11:02 AM **Reporter Name** ISPUser
Last Calib Update 10/12/2018 10:29 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 14:53 **Data File** b cal 2-10ng.d
Sample Type Calibration **Sample Name** b cal 2-10ng.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-B1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.548	63080	256344	0.2461	9.4000
Dihydrocodeine	Dihydrocodeine-D6	3.850	34146	205417	0.1662	4.7935
Noroxycodone	Noroxycodone-D3	4.298	55892	203658	0.2744	9.5213
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.992	369234	1945208	0.1898	9.5935
Benzoylcegonine	Benzoylcegonine-d8	5.610	2461	19103	0.1288	10.6460
Ketamine	Ketamine-D4	5.861	183741	801453	0.2293	9.5216
Norfentanyl	Norfentanyl-D5	5.903	18413	1119162	0.0165	1.3641
Cocaine	Cocaine-d3	6.109	77419	1342401	0.0577	10.0078
alpha-PVP	alpha-PVP-d8	6.207	114444	713137	0.1605	9.2721
Mirtazapine	alpha-PVP-d8	6.480	111124	713137	0.1558	8.7366
Norbuprenorphine	Norbuprenorphine-D3	6.894	556	19409	0.0286	1.7554
Fentanyl	Fentanyl-D5	6.938	7008	568493	0.0123	0.8849
Mitragynine	EDDP-D3	7.055	38860	143936	0.2700	9.1428
EDDP	EDDP-D3	7.088	26590	143936	0.1847	10.8040
Quetiapine	Quetiapine-D8	7.318	271303	321478	0.8439	9.6863
Cyclobenzaprine	Cyclobenzaprine-D3	7.392	55902	258010	0.2167	9.5571
Methadone	Methadone-D9	7.422	252453	923529	0.2734	9.9181
Buprenorphine	Buprenorphine-D4	7.475	5826	173978	0.0335	0.9443
Fluoxetine	Fluoxetine-D6	7.483	195514	972983	0.2009	8.8119

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b cal Z*

TS P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Oxazepam-D5	7.527	10066	65410	0.1539	10.4926
Sertraline	Sertraline-D3	7.543	78822	411140	0.1917	9.8664
Temazepam	Temazepam-D5	7.565	86522	569213	0.1520	8.9093
Nordiazepam	Nordiazepam-D5	7.655	41029	125362	0.3273	9.2480
Diazepam	Diazepam-D5	7.711	67867	302961	0.2240	10.2632

TS
P

ISP FORENSICS - Pocatello Instrument # 59740

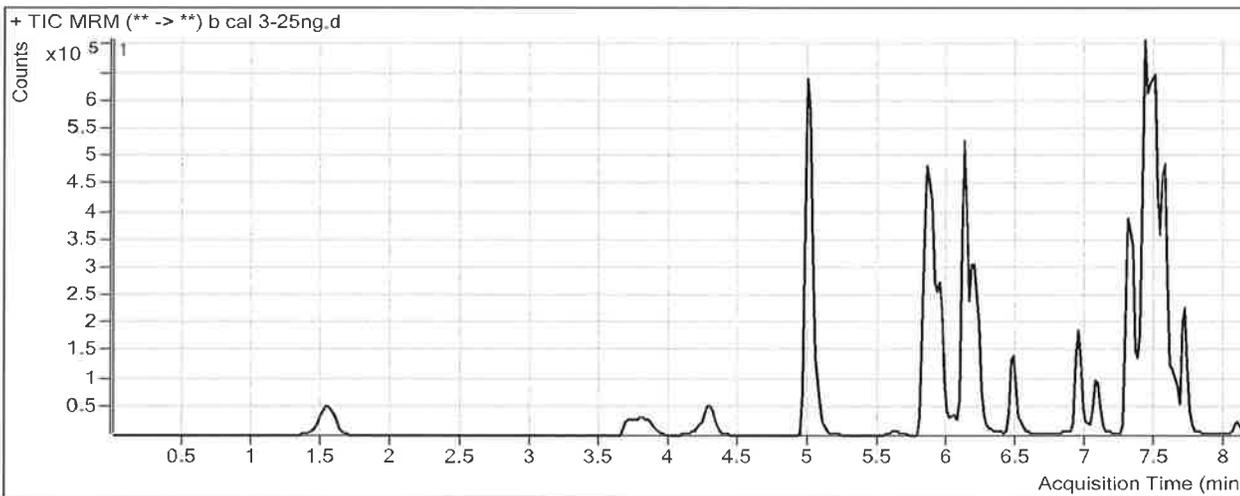
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin
Analysis Time 10/12/2018 10:29 AM **Analyst Name** ISUser
Report Time 10/12/2018 11:02 AM **Reporter Name** ISUser
Last Calib Update 10/12/2018 10:29 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 15:25 **Data File** b cal 3-25ng.d
Sample Type Calibration **Sample Name** b cal 3-25ng.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-C1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.548	155325	238043	0.6525	22.8615
Dihydrocodeine	Dihydrocodeine-D6	3.870	85774	75878	1.1304	47.7342
Noroxycodone	Noroxycodone-D3	4.311	136816	194011	0.7052	22.7296
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.992	896808	1825629	0.4912	23.3423
Benzoylcegonine	Benzoylcegonine-d8	5.610	6814	17550	0.3883	22.8075
Ketamine	Ketamine-D4	5.861	450448	739509	0.6091	23.7537
Norfentanyl	Norfentanyl-D5	5.903	49167	1015481	0.0484	2.7299
Cocaine	Cocaine-d3	6.109	200829	1237878	0.1622	23.4194
alpha-PVP	alpha-PVP-d8	6.207	289527	633983	0.4567	24.5539
Mirtazapine	alpha-PVP-d8	6.480	312844	633983	0.4935	24.9163
Norbuprenorphine	Norbuprenorphine-D3	6.874	963	21351	0.0451	2.6470
Fentanyl	Fentanyl-D5	6.958	23567	634326	0.0372	2.2538
Mitragynine	EDDP-D3	7.055	110267	139759	0.7890	24.4689
EDDP	EDDP-D3	7.088	59328	139759	0.4245	20.7824
Quetiapine	Quetiapine-D8	7.298	784842	340155	2.3073	25.4624
Cyclobenzaprine	Cyclobenzaprine-D3	7.392	186424	304405	0.6124	23.3548
Methadone	Methadone-D9	7.422	701729	1089301	0.6442	21.9981
Buprenorphine	Buprenorphine-D4	7.475	16733	177535	0.0943	2.6990
Fluoxetine	Fluoxetine-D6	7.483	640901	1088972	0.5885	23.5979

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b cal 3*

TS P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Oxazepam-D5	7.508	25560	63628	0.4017	23.2476
Sertraline	Sertraline-D3	7.543	234064	466745	0.5015	23.9720
Temazepam	Temazepam-D5	7.565	222991	519192	0.4295	22.4722
Nordiazepam	Nordiazepam-D5	7.634	95005	112038	0.8480	21.9220
Diazepam	Diazepam-D5	7.711	171393	298508	0.5742	22.9633

TS
D

ISP FORENSICS - Pocatello Instrument # 59740

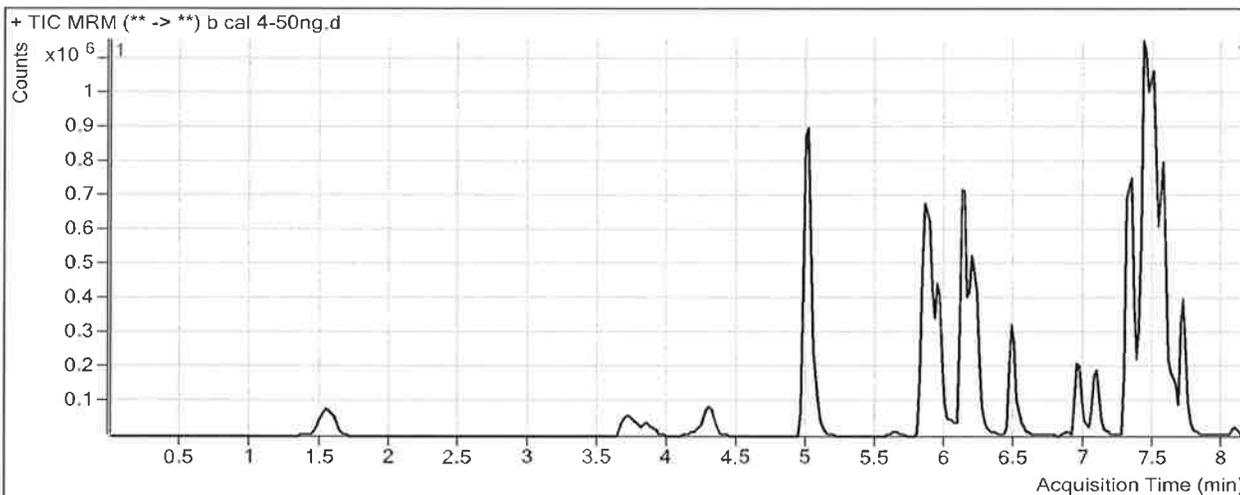
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin
Analysis Time 10/12/2018 10:29 AM **Analyst Name** ISPUser
Report Time 10/12/2018 11:03 AM **Reporter Name** ISPUser
Last Calib Update 10/12/2018 10:29 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 15:56 **Data File** b cal 4-50ng.d
Sample Type Calibration **Sample Name** b cal 4-50ng.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-D1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.548	333927	241469	1.3829	47.0527
Dihydrocodeine	Dihydrocodeine-D6	3.870	77849	60757	1.2813	54.4542
Noroxycodone	Noroxycodone-D3	4.311	294878	192952	1.5282	47.9668
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.012	1972650	1939824	1.0169	47.3213
Benzoylcegonine	Benzoylcegonine-d8	5.630	15359	19062	0.8057	42.3771
Ketamine	Ketamine-D4	5.861	1034949	821024	1.2606	48.1613
Norfentanyl	Norfentanyl-D5	5.903	113743	1125423	0.1011	4.9795
Cocaine	Cocaine-d3	6.109	453463	1313283	0.3453	46.8979
alpha-PVP	alpha-PVP-d8	6.207	655172	724481	0.9043	47.6494
Mirtazapine	alpha-PVP-d8	6.480	704176	724481	0.9720	47.8471
Norbuprenorphine	Norbuprenorphine-D3	6.874	2472	25788	0.0959	5.3969
Fentanyl	Fentanyl-D5	6.958	58457	710187	0.0823	4.7441
Mitragynine	EDDP-D3	7.055	280840	157802	1.7797	53.7251
EDDP	EDDP-D3	7.088	157998	157802	1.0012	44.7845
Quetiapine	Quetiapine-D8	7.318	1626750	378700	4.2956	46.8974
Cyclobenzaprine	Cyclobenzaprine-D3	7.392	419754	353085	1.1888	43.4505
Methadone	Methadone-D9	7.442	1695771	1127580	1.5039	50.0021
Buprenorphine	Buprenorphine-D4	7.475	41301	221596	0.1864	5.3592
Fluoxetine	Fluoxetine-D6	7.483	1559385	1280638	1.2177	47.5979

TS P

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report b cal 4

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Oxazepam-D5	7.508	54801	65713	0.8339	45.4939
Sertraline	Sertraline-D3	7.543	538170	518108	1.0387	48.4359
Temazepam	Temazepam-D5	7.585	515864	517721	0.9964	50.1812
Nordiazepam	Nordiazepam-D5	7.655	218227	117875	1.8513	46.3444
Diazepam	Diazepam-D5	7.711	398703	330061	1.2080	45.9512

TSR

ISP FORENSICS - Pocatello Instrument # 59740

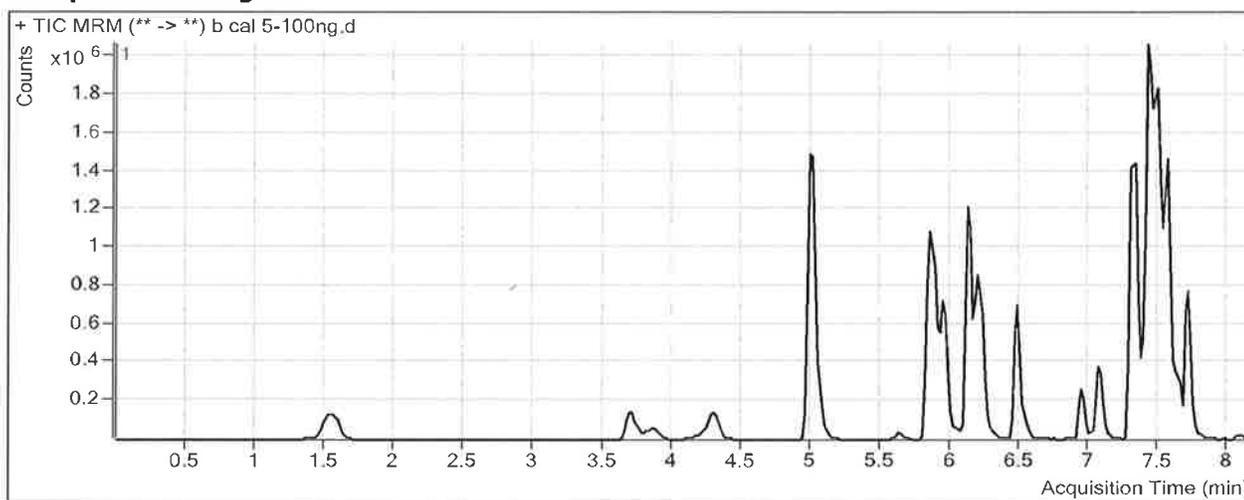
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin
Analysis Time 10/12/2018 10:29 AM **Analyst Name** ISUser
Report Time 10/12/2018 11:03 AM **Reporter Name** ISUser
Last Calib Update 10/12/2018 10:29 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 16:28 **Data File** b cal 5-100ng.d
Sample Type Calibration **Sample Name** b cal 5-100ng.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-E1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.548	719847	243800	2.9526	99.0430
Dihydrocodeine	Dihydrocodeine-D6	3.870	160822	60339	2.6653	116.0905
Noroxycodone	Noroxycodone-D3	4.311	617477	198993	3.1030	96.2537
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.012	4432706	2110277	2.1005	96.7494
Benzoylcegonine	Benzoylcegonine-d8	5.630	43543	22870	1.9039	93.8575
Ketamine	Ketamine-D4	5.861	2295619	888115	2.5848	97.7773
Norfentanyl	Norfentanyl-D5	5.903	235237	1133644	0.2075	9.5274
Cocaine	Cocaine-d3	6.109	964805	1382975	0.6976	92.0893
alpha-PVP	alpha-PVP-d8	6.207	1374333	714305	1.9240	100.2575
Mirtazapine	alpha-PVP-d8	6.480	1507374	714305	2.1103	102.3951
Norbuprenorphine	Norbuprenorphine-D3	6.854	4489	23967	0.1873	10.3475
Fentanyl	Fentanyl-D5	6.958	120409	730467	0.1648	9.2949
Mitragynine	EDDP-D3	7.055	602947	159995	3.7685	112.4559
EDDP	EDDP-D3	7.088	344756	159995	2.1548	92.7919
Quetiapine	Quetiapine-D8	7.318	3565288	373472	9.5463	103.5029
Cyclobenzaprine	Cyclobenzaprine-D3	7.392	947938	331425	2.8602	101.7213
Methadone	Methadone-D9	7.422	3559671	1232380	2.8885	95.1026
Buprenorphine	Buprenorphine-D4	7.475	88515	229393	0.3859	11.1194
Fluoxetine	Fluoxetine-D6	7.483	3465000	1372507	2.5246	97.4543

TS JS

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report bcal5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Oxazepam-D5	7.508	131866	74916	1.7602	93.1663
Sertraline	Sertraline-D3	7.543	1223855	573663	2.1334	98.2835
Temazepam	Temazepam-D5	7.565	1240042	628613	1.9727	97.8970
Nordiazepam	Nordiazepam-D5	7.655	508655	131950	3.8549	95.1122
Diazepam	Diazepam-D5	7.711	921656	360580	2.5560	94.8458

TS
B

ISP FORENSICS - Pocatello Instrument # 59740

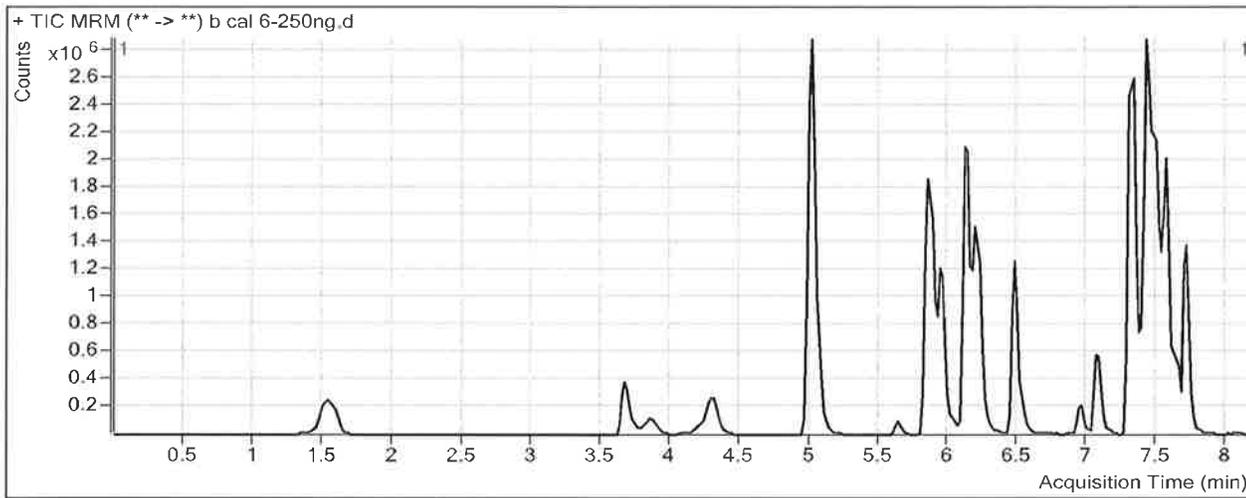
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin
Analysis Time 10/12/2018 10:29 AM **Analyst Name** ISUser
Report Time 10/12/2018 11:03 AM **Reporter Name** ISUser
Last Calib Update 10/12/2018 10:29 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 16:59 **Data File** b cal 6-250ng.d
Sample Type Calibration **Sample Name** b cal 6-250ng.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-F1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.548	1573548	202473	7.7717	258.6546
Dihydrocodeine	Dihydrocodeine-D6	3.870	304625	43917	6.9363	306.2982
Noroxycodone	Noroxycodone-D3	4.311	1365717	165317	8.2612	254.4189
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.012	10069877	1849960	5.4433	249.2271
Benzoylcegonine	Benzoylcegonine-d8	5.630	111487	19002	5.8673	279.6504
Ketamine	Ketamine-D4	5.861	5126656	766833	6.6855	251.4171
Norfentanyl	Norfentanyl-D5	5.903	494243	926963	0.5332	23.4430
Cocaine	Cocaine-d3	6.109	2113454	1147454	1.8419	238.8496
alpha-PVP	alpha-PVP-d8	6.207	2854197	588227	4.8522	251.3308
Mirtazapine	alpha-PVP-d8	6.480	2747437	588227	4.6707	225.0939
Norbuprenorphine	Norbuprenorphine-D3	6.874	7102	17048	0.4166	22.7665
Fentanyl	Fentanyl-D5	6.958	196331	457690	0.4290	23.8593
Mitragynine	EDDP-D3	7.055	967476	120058	8.0584	239.1359
EDDP	EDDP-D3	7.088	683027	120058	5.6891	239.8800
Quetiapine	Quetiapine-D8	7.318	6570173	265729	24.7251	267.1382
Cyclobenzaprine	Cyclobenzaprine-D3	7.392	1515511	210163	7.2111	253.4131
Methadone	Methadone-D9	7.422	5700283	696878	8.1797	267.4620
Buprenorphine	Buprenorphine-D4	7.475	118604	132883	0.8925	25.7501
Fluoxetine	Fluoxetine-D6	7.483	4659515	717898	6.4905	248.7470

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b cal b*

TS P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Oxazepam-D5	7.508	272375	56171	4.8490	252.1440
Sertraline	Sertraline-D3	7.543	1597913	285714	5.5927	255.8070
Temazepam	Temazepam-D5	7.565	2614515	512917	5.0973	250.6207
Nordiazepam	Nordiazepam-D5	7.655	949399	90840	10.4513	255.6717
Diazepam	Diazepam-D5	7.711	1802365	277503	6.4949	237.7093

TS
D

ISP FORENSICS - Pocatello Instrument # 59740

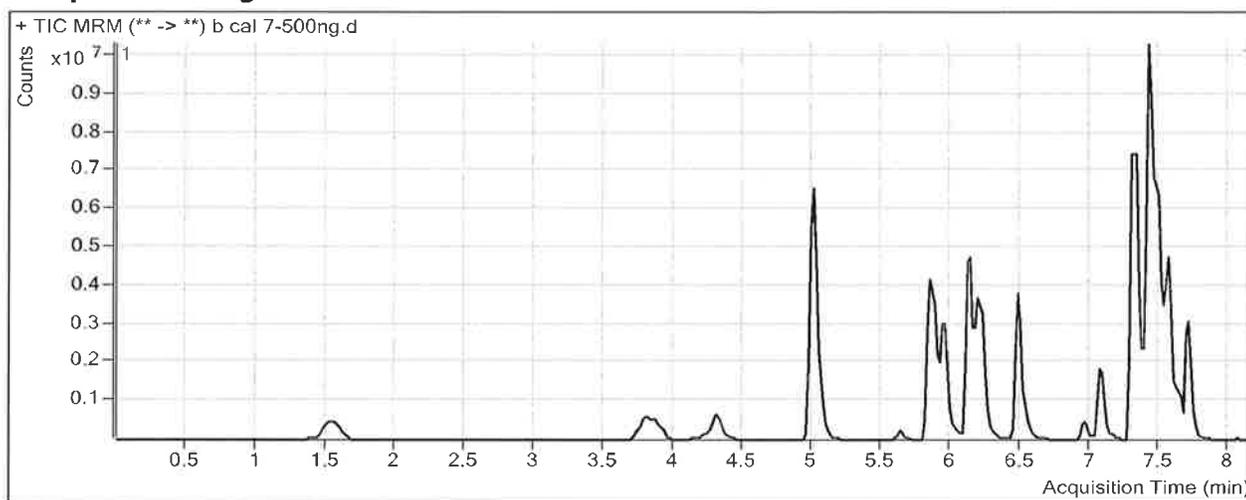
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin
Analysis Time 10/12/2018 10:29 AM **Analyst Name** ISPUser
Report Time 10/12/2018 11:03 AM **Reporter Name** ISPUser
Last Calib Update 10/12/2018 10:29 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 17:30 **Data File** b cal 7-500ng.d
Sample Type Calibration **Sample Name** b cal 7-500ng.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-G1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.548	3350355	209676	15.9787	530.4809
Dihydrocodeine	Dihydrocodeine-D6	3.790	2510935	229444	10.9436	484.7597
Noroxycodone	Noroxycodone-D3	4.311	3077309	177523	17.3347	532.6397
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.012	24607011	2095911	11.7405	536.4688
Benzoylcegonine	Benzoylcegonine-d8	5.630	251226	21236	11.8304	559.1892
Ketamine	Ketamine-D4	5.861	12478166	892043	13.9883	525.0310
Norfentanyl	Norfentanyl-D5	5.903	1232747	1060065	1.1629	50.3494
Cocaine	Cocaine-d3	6.129	5183783	1344027	3.8569	497.3002
alpha-PVP	alpha-PVP-d8	6.207	7596566	758707	10.0125	517.5646
Mirtazapine	alpha-PVP-d8	6.480	8321080	758707	10.9674	526.8386
Norbuprenorphine	Norbuprenorphine-D3	6.854	21112	22211	0.9505	51.6841
Fentanyl	Fentanyl-D5	6.958	661585	656891	1.0071	55.7421
Mitragynine	EDDP-D3	7.055	3125246	192745	16.2144	479.9854
EDDP	EDDP-D3	7.088	2244333	192745	11.6441	487.7068
Quetiapine	Quetiapine-D8	7.318	19655910	414554	47.4146	511.7435
Cyclobenzaprine	Cyclobenzaprine-D3	7.392	4974372	344005	14.4602	506.1448
Methadone	Methadone-D9	7.422	20912686	1261136	16.5824	541.1718
Buprenorphine	Buprenorphine-D4	7.475	321951	195682	1.6453	47.4856
Fluoxetine	Fluoxetine-D6	7.483	14216877	1017614	13.9708	534.1070

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Oxazepam-D5	7.508	689005	61474	11.2081	579.4399
Sertraline	Sertraline-D3	7.543	4614260	416849	11.0694	505.1944
Temazepam	Temazepam-D5	7.585	5920229	561139	10.5504	517.1468
Nordiazepam	Nordiazepam-D5	7.655	2065052	93255	22.1441	540.2803
Diazepam	Diazepam-D5	7.711	4334521	323041	13.4179	488.8041

TS
P

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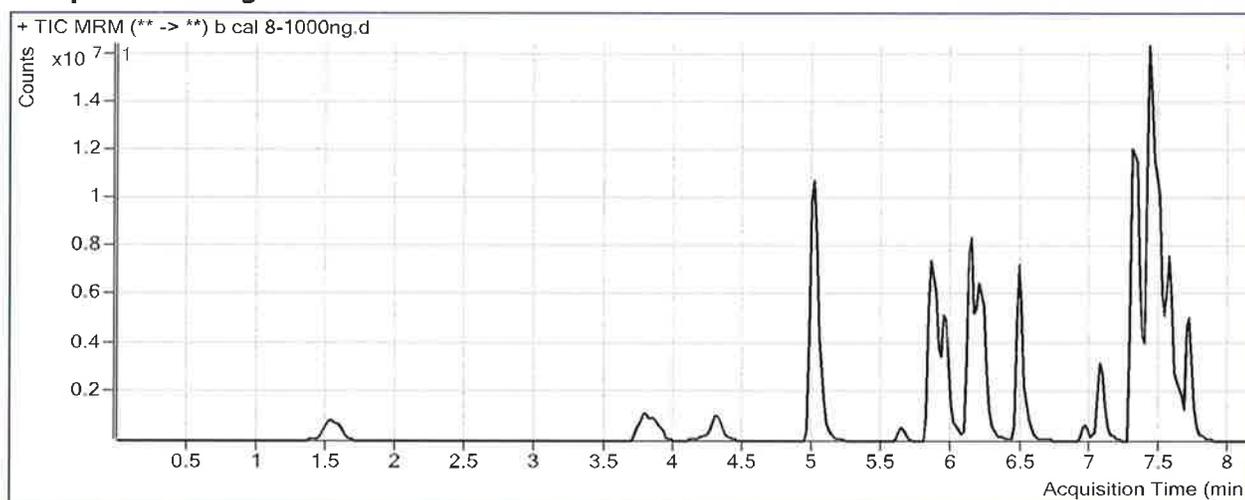
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\101018 MDQ P1 P2 SP\QuantResults\P1b.batch.bin
Analysis Time 10/12/2018 10:29 AM **Analyst Name** ISUser
Report Time 10/12/2018 11:03 AM **Reporter Name** ISUser
Last Calib Update 10/12/2018 10:29 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-10 18:02 **Data File** b cal 8-1000ng.d
Sample Type Calibration **Sample Name** b cal 8-1000ng.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-H1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.548	5936868	184568	32.1664	1066.6297
Dihydrocodeine	Dihydrocodeine-D6	3.790	4686494	225082	20.8213	924.6601
Noroxycodone	Noroxycodone-D3	4.311	5284765	149193	35.4224	1087.2610
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.012	46163781	1944751	23.7376	1083.7100
Benzoylcegonine	Benzoylcegonine-d8	5.630	705335	21333	33.0634	1554.5418
Ketamine	Ketamine-D4	5.861	24396411	860469	28.3524	1063.2122
Norfentanyl	Norfentanyl-D5	5.903	2181170	924486	2.3593	101.4708
Cocaine	Cocaine-d3	6.129	9281652	1164066	7.9735	1025.2944
alpha-PVP	alpha-PVP-d8	6.207	13771400	676797	20.3479	1050.7951
Mirtazapine	alpha-PVP-d8	6.480	15898593	676797	23.4909	1126.9751
Norbuprenorphine	Norbuprenorphine-D3	6.874	33764	18387	1.8363	99.6581
Fentanyl	Fentanyl-D5	6.958	1236308	578105	2.1386	118.1313
Mitragynine	EDDP-D3	7.055	5363693	165803	32.3498	956.4669
EDDP	EDDP-D3	7.088	4118159	165803	24.8377	1036.7856
Quetiapine	Quetiapine-D8	7.298	30309671	350558	86.4613	932.6889
Cyclobenzaprine	Cyclobenzaprine-D3	7.392	8627319	302494	28.5206	996.3505
Methadone	Methadone-D9	7.422	34200631	1118935	30.5653	996.6536
Buprenorphine	Buprenorphine-D4	7.455	438897	155910	2.8151	81.2637
Fluoxetine	Fluoxetine-D6	7.483	23304783	802034	29.0571	1109.6225

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Oxazepam-D5	7.508	1270936	64813	19.6094	1011.8428
Sertraline	Sertraline-D3	7.543	7145971	309874	23.0609	1051.2434
Temazepam	Temazepam-D5	7.585	11084122	485939	22.8097	1116.3397
Nordiazepam	Nordiazepam-D5	7.655	3544831	75304	47.0737	1147.0790
Diazepam	Diazepam-D5	7.711	7323430	257585	28.4311	1033.3336