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Worklist: 2753

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2018-4837	1	129907	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-4861	1	129908	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-4862	1	129909	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-4938	1	129910	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-4940	1	129911	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-5060	1	129912	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2839	1	129913	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2840	1	129914	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2841	1	129915	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2861	1	129916	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2925	1	129917	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2926	1	129918	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2951	1	129919	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2954	1	129920	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-2957	1	129921	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-3005	1	129922	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-3006	1	129923	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	

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

Extraction Date: 10/25/18
Plate lot#: 0530563

Analyst: Tamara Salazar
Plate Expiration: 05/21/2019

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

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

Blank Blood Lot: 445283-1
LCMS-QQQ ID: 59740

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

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID: 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: *C:\MassHunter\Data\2018\MD Quant\ 102518 MDQ TS wklst 2753*
Batch Name: *P1a MDQ 102518 TS*
P1b MDQ 102518 TS
- 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:

Curves limited: 6-MAM 1-100

Alpha-hydroxy alprazolam 5-500

Amphetamine 5-500

Bupropion 5-500

Lorazepam 5-500

Norhydrocodone 25-1000

Buprenorphine 2.5-50

Mitragynine 5-250

Norbuprenorphine 2.5-100

Norfentanyl 2.5-100 - TS

Not evaluated: Codeine

Dihydrocodeine

Benzoylcegonine

TS
R



Idaho State Police Forensic Services

AS JS

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

Analyst: Tamara Salazar
Extraction Date: 10/25/18
Worklist Number: 2753

<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	06/05/18		
Negative Blood	445283-1		10/25/18		
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		06/21/18		
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	Remake as needed	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		

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

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	
Expires:	Remake as needed	

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

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Formate	Arcos Organic	A0287238
LCMS Water	Fisher	182702
Formic Acid	Fisher	095180B
Prepared:	10/0918	
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	

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ISP FORENSICS - Pocatello Instrument # 59740

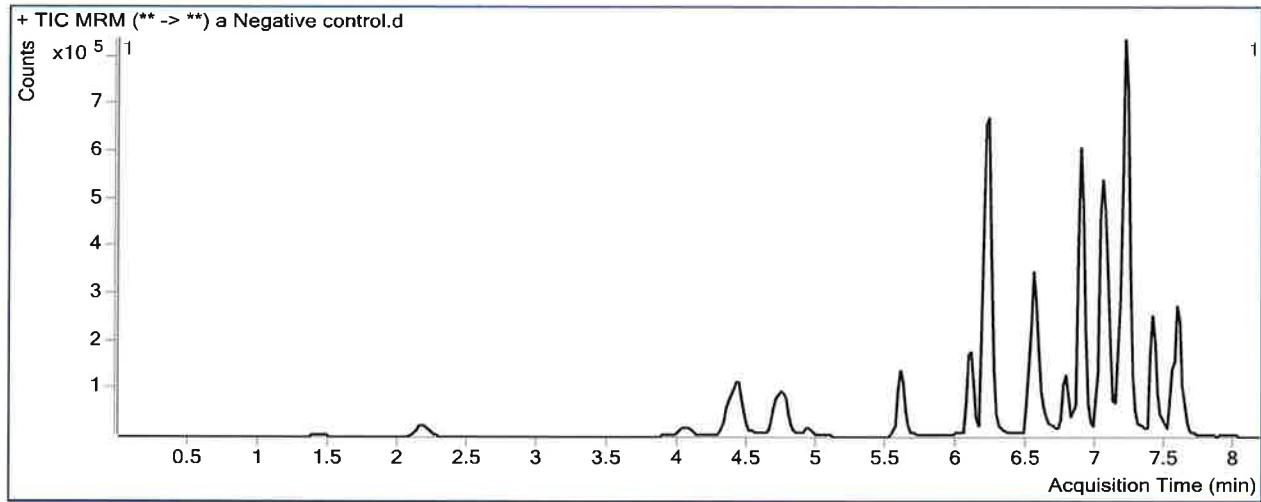
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklst 2753\QuantResults\P1a MDQ 102518
Analysis Time 10/29/2018 8:04 AM **Analyst Name** ISPUser
Report Time 10/29/2018 8:12 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:04 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 19:05 **Data File** a Negative control.d
Sample Type Sample **Sample Name** a Negative control
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-D11 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



TS JS

ISP FORENSICS - Pocatello Instrument # 59740

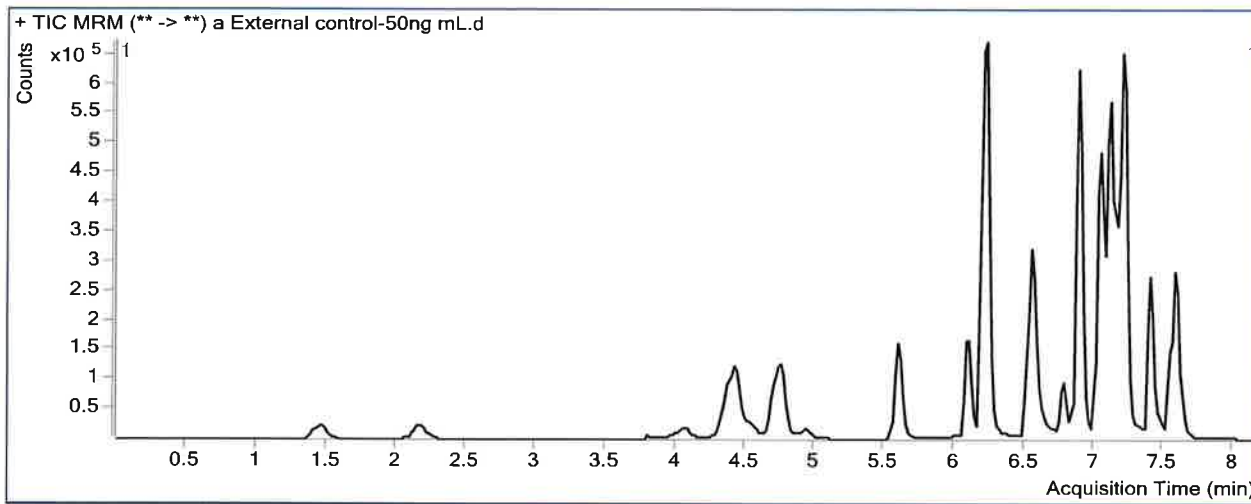
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ 102518 TS.batch.bi
Analysis Time 10/29/2018 8:04 AM **Analyst Name** ISPUser
Report Time 10/29/2018 8:12 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:04 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 19:37 **Data File** a External control-50ng mL.d
Sample Type Sample **Sample Name** a External control-50ng mL
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-C11 **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
Morphine	Morphine-D6	1.468	51378	19564	2.6262	41.2111
Amphetamine	Amphetamine-D11	4.544	100235	365012	0.2746	4.0614
<u>Trazodone</u>	Trazodone-D6	7.117	857995	611020	1.4042	<u>43.4083</u>

TS R

ISP FORENSICS - Pocatello Instrument # 59740

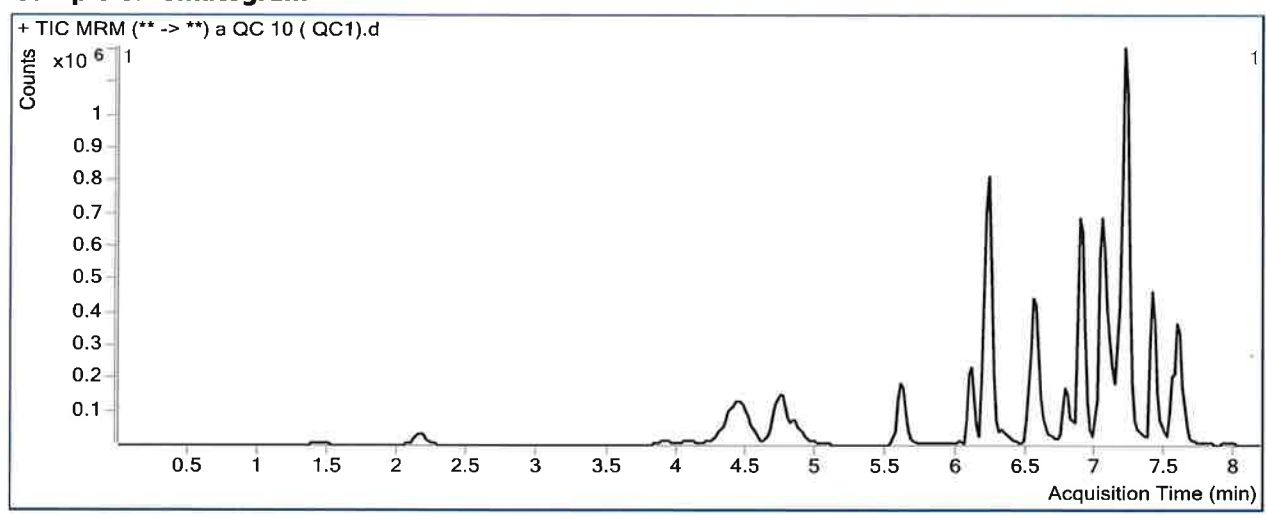
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ 102518 TS.batch.bi
Analysis Time 10/29/2018 8:04 AM **Analyst Name** ISPUser
Report Time 10/29/2018 8:12 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:04 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 21:15 **Data File** a QC 10 (QC1).d
Sample Type QC **Sample Name** a QC 10 (QC1)
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-H11 **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	1.448	10611	20795	0.5103	8.7071
Hydromorphone	Hydromorphone-D6	2.189	38075	151066	0.2520	9.6384
Codeine	Codeine-D6	4.113	7233	29951	0.2415	7.9343 <i>Not evaluated. TS</i>
Oxycodone	Oxycodone-D6	4.470	139925	544641	0.2569	9.8914
Amphetamine	Amphetamine-D11	4.504	293190	418518	0.7005	10.7968
Hydrocodone	Hydrocodone-D6	4.735	49351	303123	0.1628	9.8299
Norhydrocodone	Norhydrocodone-D3	4.798	5235	101071	0.0518	19.8411 <i>outside curve limit. TS</i>
Methamphetamine	Methamphetamine-D11	4.861	223117	494017	0.4516	10.2292
6-MAM	6-MAM-D6	4.949	959	35716	0.0269	1.1639
Phentermine	Phentermine-D5	5.646	82101	801730	0.1024	9.8674
Dextrorphan	Dextrorphan-D3	6.102	81554	673254	0.1211	10.1546
7-aminoclonazepam	7-Aminoclonazepam-D4	6.236	78573	353374	0.2224	9.9547
Tramadol	Tramadol-13C-D3	6.224	410416	2260982	0.1815	10.0064
Metoprolol	Tramadol-13C-D3	6.342	45155	2260982	0.0200	10.3138
Doxylamine	Doxylamine-D5	6.563	219579	1648285	0.1332	10.2339
Bupropion	Bupropion-D9	6.812	118086	428179	0.2758	9.9867
Zolpidem	Zolpidem-D6	6.902	318414	2087720	0.1525	9.6694
Meprobamate	Meprobamate-D7	6.914	24388	98934	0.2465	9.8008
Venlafaxine	Venlafaxine-D6	7.046	457210	1805502	0.2532	9.5415
Trazodone	Trazodone-D6	7.117	266163	826296	0.3221	10.8715

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

a QC 10 (QC1)

TS R

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.179	216793	1043083	0.2078	9.9896
Dextromethorphan	Dextromethorphan-D3	7.211	93186	336395	0.2770	11.2490
Diphenhydramine	Diphenhydramine-D3	7.234	514940	2364630	0.2178	10.8080
Promethazine	Promethazine-D3	7.409	343278	1119371	0.3067	10.6188
Clonazepam	Clonazepam-D4	7.465	43513	33052	1.3165	10.7913
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.541	11270	52731	0.2137	10.1824
Carisoprodol	Carisoprodol-D7	7.575	87237	352772	0.2473	10.3688
Lorazepam	Clonazepam-D4	7.584	11399	33052	0.3449	8.6929
Alprazolam	Alprazolam-D5	7.608	215321	724090	0.2974	10.5115

TS P

ISP FORENSICS - Pocatello Instrument # 59740

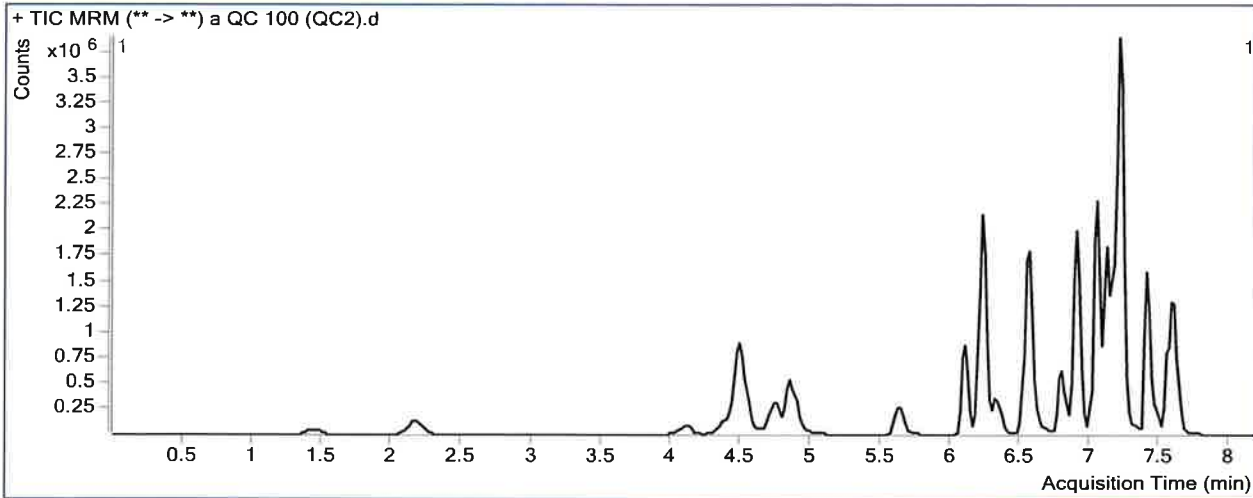
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklst 2753\QuantResults\P1a MDQ 102518 TS.batch.bir
Analysis Time 10/29/2018 8:04 AM **Analyst Name** ISPUser
Report Time 10/29/2018 8:13 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:04 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 23:36 **Data File** a QC 100 (QC2).d
Sample Type QC **Sample Name** a QC 100 (QC2)
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-G11 **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	1.448	114448	20621	5.5501	86.1271
Hydromorphone	Hydromorphone-D6	2.189	434190	148238	2.9290	98.3391
Codeine	Codeine-D6	4.092	161514	67088	2.4075	73.6621 <i>Not evaluated.</i>
Oxycodone	Oxycodone-D6	4.470	1536166	514771	2.9842	101.3116
Amphetamine	Amphetamine-D11	4.504	2553940	358277	7.1284	112.4418
Hydrocodone	Hydrocodone-D6	4.755	569229	301879	1.8856	99.3073
Norhydrocodone	Norhydrocodone-D3	4.798	58891	95815	0.6146	88.1736
Methamphetamine	Methamphetamine-D11	4.861	1813743	353098	5.1367	109.6818
6-MAM	6-MAM-D6	4.949	14187	50630	0.2802	8.2898
Phentermine	Phentermine-D5	5.646	777945	676337	1.1502	104.2264
Dextrorphan	Dextrorphan-D3	6.102	967862	717543	1.3489	101.3859
7-aminoclonazepam	7-Aminoclonazepam-D4	6.216	825481	329266	2.5070	103.1095
Tramadol	Tramadol-13C-D3	6.224	4300819	2302505	1.8679	94.2711
Metoprolol	Tramadol-13C-D3	6.342	501314	2302505	0.2177	122.8442
Doxylamine	Doxylamine-D5	6.563	2517206	1700422	1.4803	89.9472
Bupropion	Bupropion-D9	6.812	1084514	363093	2.9869	97.2990
Zolpidem	Zolpidem-D6	6.902	3475131	2057844	1.6887	92.6130
Meprobamate	Meprobamate-D7	6.914	281085	100818	2.7880	99.0868
Venlafaxine	Venlafaxine-D6	7.046	4964774	1782170	2.7858	93.3523
Trazodone	Trazodone-D6	7.117	2808972	827995	3.3925	103.1936

TS P

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

a QC 100 (QC2)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.179	2215060	1012835	2.1870	92.8562
Dextromethorphan	Dextromethorphan-D3	7.211	1055739	346947	3.0429	111.1230
Diphenhydramine	Diphenhydramine-D3	7.234	5218688	2264878	2.3042	92.4707
Promethazine	Promethazine-D3	7.409	3421622	1067420	3.2055	91.4191
Clonazepam	Clonazepam-D4	7.465	435658	29989	14.5270	112.9977
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.541	120807	50079	2.4123	101.5981
Carisoprodol	Carisoprodol-D7	7.575	914689	329334	2.7774	104.5767
Lorazepam	Clonazepam-D4	7.584	115088	29989	3.8376	86.1099
Alprazolam	Alprazolam-D5	7.608	2065540	684929	3.0157	95.0304

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

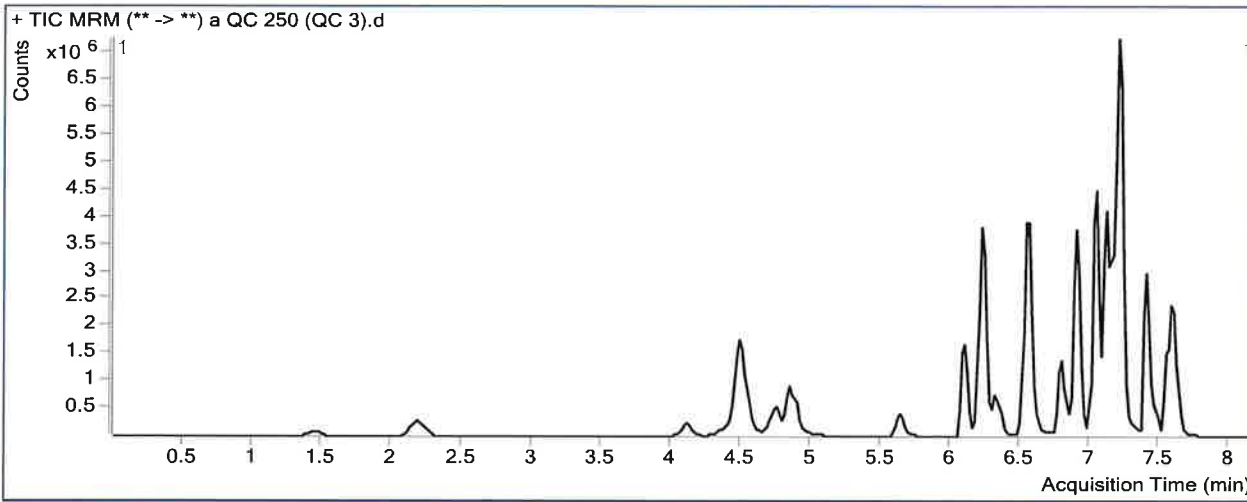
TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ 102518 TS.batch.bi
Analysis Time 10/29/2018 8:04 AM **Analyst Name** ISPUser
Report Time 10/29/2018 8:13 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:04 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-26 03:00 **Data File** a QC 250 (QC 3).d
Sample Type QC **Sample Name** a QC 250 (QC 3)
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-F11 **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	1.468	241689	15516	15.5763	240.1450
Hydromorphone	Hydromorphone-D6	2.189	931713	117365	7.9386	264.3297
Codeine	Codeine-D6	4.113	348137	57247	6.0813	185.1451 <i>Not evaluated TS</i>
Oxycodone	Oxycodone-D6	4.470	3381721	424721	7.9622	268.1803
Amphetamine	Amphetamine-D11	4.523	4525067	273793	16.5273	261.0690
Hydrocodone	Hydrocodone-D6	4.755	1245494	252734	4.9281	257.3231
Norhydrocodone	Norhydrocodone-D3	4.798	144231	80909	1.7826	229.9741
Methamphetamine	Methamphetamine-D11	4.861	3075498	238882	12.8745	273.9396
6-MAM	6-MAM-D6	4.949	32484	44206	0.7348	21.0765
Phentermine	Phentermine-D5	5.646	1462818	497743	2.9389	265.3000
Dextrorphan	Dextrorphan-D3	6.102	2214261	634402	3.4903	260.5161
7-aminoclonazepam	7-Aminoclonazepam-D4	6.216	1665312	275389	6.0471	247.4522
Tramadol	Tramadol-13C-D3	6.224	9716578	1924499	5.0489	253.2203
Metoprolol	Tramadol-13C-D3	6.322	1063525	1924499	0.5526	313.4157
Doxylamine	Doxylamine-D5	6.563	5756737	1534999	3.7503	224.2685
Bupropion	Bupropion-D9	6.812	2518641	323851	7.7772	251.5727
Zolpidem	Zolpidem-D6	6.902	7671643	1833269	4.1847	227.3759
Meprobamate	Meprobamate-D7	6.914	645144	91658	7.0386	248.4117
Venlafaxine	Venlafaxine-D6	7.046	11406343	1564258	7.2919	242.4719
Trazodone	Trazodone-D6	7.117	6339504	729673	8.6881	262.4261

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

a QC 250 (QC3)

TS B

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.179	4743794	777638	6.1003	256.7038
Dextromethorphan	Dextromethorphan-D3	7.211	2303693	331225	6.9551	252.3849
Diphenhydramine	Diphenhydramine-D3	7.234	11938420	2008442	5.9441	234.9388
Promethazine	Promethazine-D3	7.409	7229250	838655	8.6201	242.3408
Clonazepam	Clonazepam-D4	7.465	894418	25914	34.5145	267.6357
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.541	261498	42811	6.1082	255.2681
Carisoprodol	Carisoprodol-D7	7.555	1829227	265838	6.8810	257.3729
Lorazepam	Clonazepam-D4	7.584	286363	25914	11.0504	245.9834
Alprazolam	Alprazolam-D5	7.608	4126254	557196	7.4054	231.5153

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

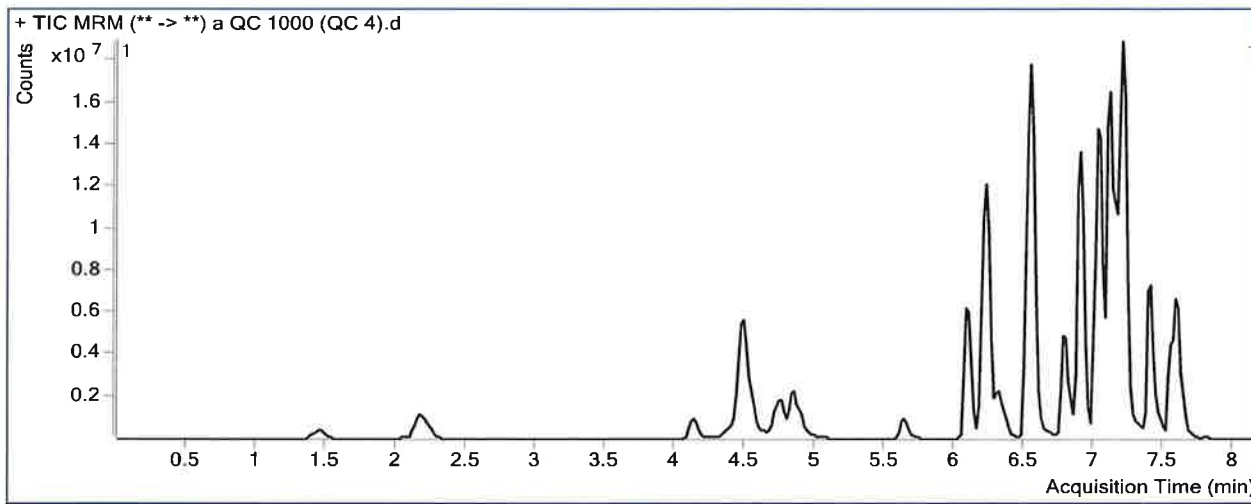
TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklst 2753\QuantResults\P1a MDQ 102518 TS.batch.bi
Analysis Time 10/29/2018 8:04 AM **Analyst Name** ISPUser
Report Time 10/29/2018 8:14 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:04 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-26 06:10 **Data File** a QC 1000 (QC 4).d
Sample Type QC **Sample Name** a QC 1000 (QC 4)
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-E11 **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	1.448	1041288	15823	65.8106	1011.8237
Hydromorphone	Hydromorphone-D6	2.189	3957257	120407	32.8658	1090.2839
Codeine	Codeine-D6	4.133	1267629	50760	24.9732	758.4274 <i>Not evaluated TS</i>
Oxycodone	Oxycodone-D6	4.470	15178465	443908	34.1928	1147.4540
Amphetamine	Amphetamine-D11	4.504	12595773	225696	55.8086	882.2315 <i>outside curve limit. TS</i>
Hydrocodone	Hydrocodone-D6	4.735	5196841	269193	19.3053	1004.0272
Norhydrocodone	Norhydrocodone-D3	4.798	574415	60213	9.5397	1171.7300
Methamphetamine	Methamphetamine-D11	4.861	7657647	130876	58.5107	1242.6920
6-MAM	6-MAM-D6	4.949	143725	49285	2.9162	82.4294
Phentermine	Phentermine-D5	5.646	4341009	385482	11.2613	1014.7459
Dextroprphan	Dextroprphan-D3	6.084	8923324	654737	13.6289	1013.9065
7-aminoclonazepam	7-Aminoclonazepam-D4	6.216	4533317	196131	23.1137	943.3179
Tramadol	Tramadol-13C-D3	6.224	39741131	1896467	20.9553	1048.0389
Metoprolol	Tramadol-13C-D3	6.322	3319266	1896467	1.7502	994.9074
Doxylamine	Doxylamine-D5	6.543	28674529	1667394	17.1972	1019.9605
Bupropion	Bupropion-D9	6.812	9788218	285063	34.3370	1106.9459 <i>outside curve limit. TS</i>
Zolpidem	Zolpidem-D6	6.902	35592565	1762058	20.1994	1092.0515
Meprobamate	Meprobamate-D7	6.914	2312985	74947	30.8617	1085.3336
Venlafaxine	Venlafaxine-D6	7.026	46282418	1455978	31.7879	1053.1224
Trazodone	Trazodone-D6	7.117	25510034	730375	34.9273	1051.4003

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

TS JS

a QC 1000 (QC4)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.159	13411169	520064	25.7876	1081.0065
Dextromethorphan	Dextromethorphan-D3	7.191	6633261	225904	29.3631	1061.5116
Diphenhydramine	Diphenhydramine-D3	7.214	38545423	1504439	25.6211	1005.1020
Promethazine	Promethazine-D3	7.409	19810066	528531	37.4813	1046.8018
Clonazepam	Clonazepam-D4	7.465	2591544	19330	134.0714	1037.8832
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.521	1029639	39153	26.2977	1094.7264
Carisoprodol	Carisoprodol-D7	7.555	5527644	175815	31.4401	1171.8266
Lorazepam	Clonazepam-D4	7.564	1213119	19330	62.7597	1392.1334
Alprazolam	Alprazolam-D5	7.608	13052705	378707	34.4665	1072.9040

outside curve limit. TS
outside curve limit. TS

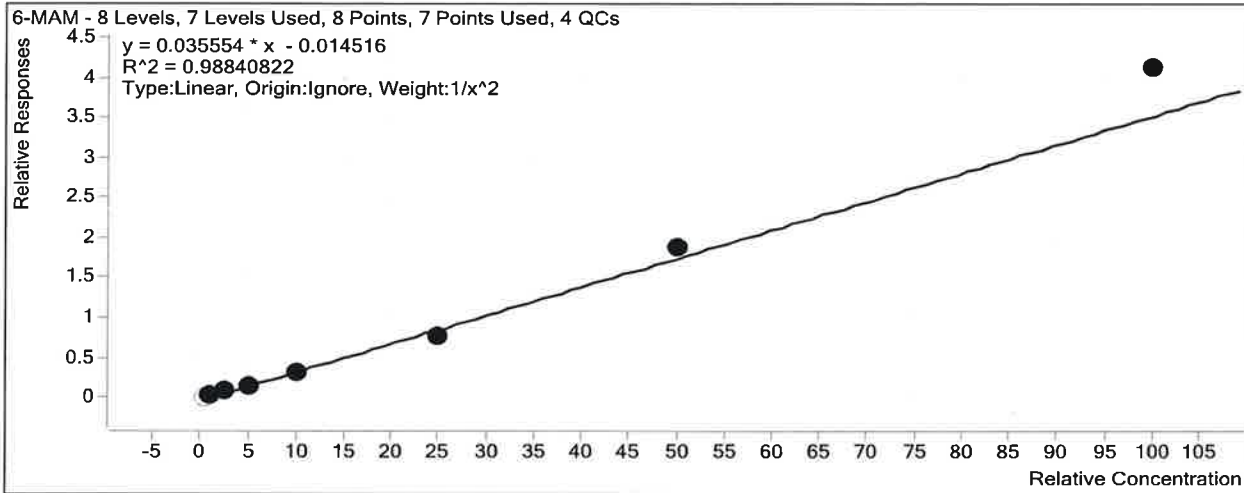
ISP Forensics Calibration Curve Report

TS
D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	0.5	0.8	162.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	102.4
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	1	1.2	116.4
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	2.5	2.5	100.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.6	91.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.5	94.5
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	8.3	82.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	25	22.4	89.6
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	21.1	84.3
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	50	52.9	105.9
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	100	116.3	116.3
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	100	82.4	82.4

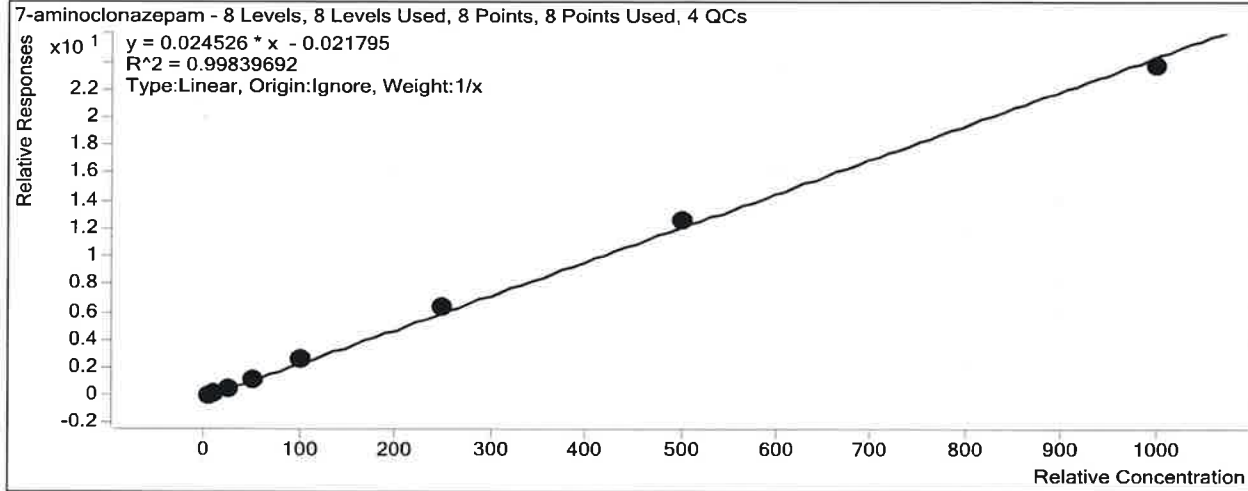
ISP Forensics Calibration Curve Report

TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.2
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.0	99.5
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	23.2	92.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.2	102.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.6	106.6
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	103.1	103.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.6	105.5
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	247.5	99.0
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	514.0	102.8
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	967.0	96.7
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	943.3	94.3

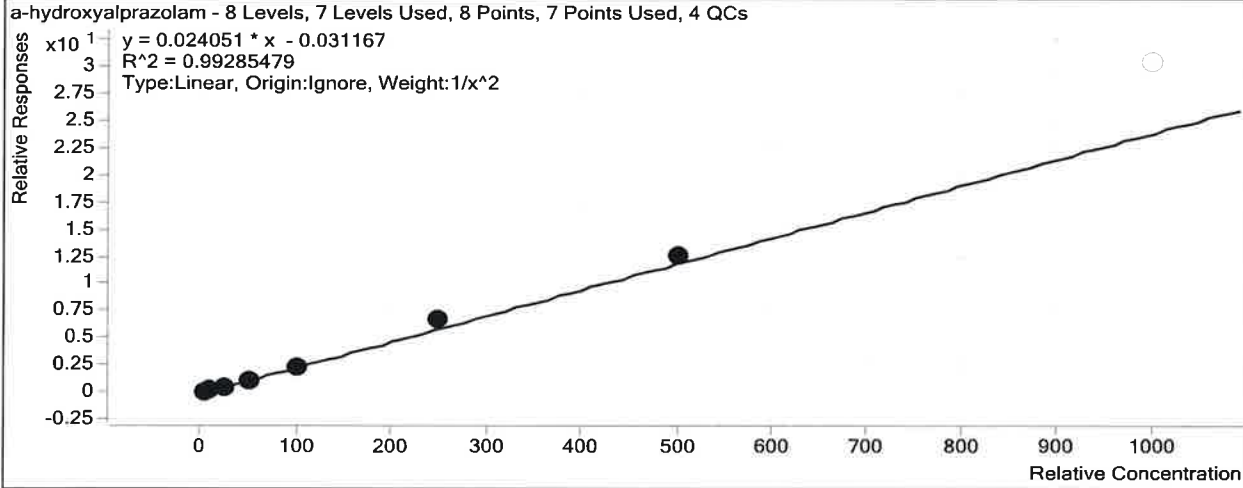
ISP Forensics Calibration Curve Report

TS JS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



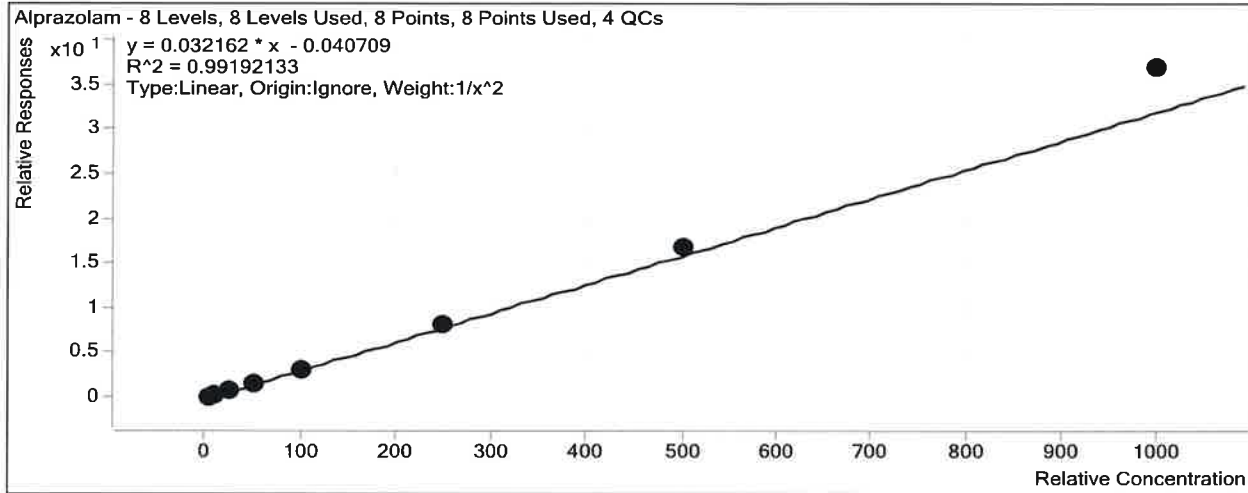
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	93.7
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.2	101.8
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	22.8	91.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.2	97.2
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	101.6	101.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	277.0	110.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	255.3	102.1
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	526.5	105.3
a cal 8-1000ng_reinject	8	<input type="checkbox"/>	1000	1263.9	126.4
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1094.7	109.5

ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ 102518 TS.batch.bin
Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

Target Compound Alprazolam
Internal Standard Alprazolam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.0
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.5	105.1
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	22.6	90.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.3	94.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.3	95.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	95.0	95.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.7	100.7
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	231.5	92.6
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	521.2	104.2
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1147.0	114.7
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1072.9	107.3

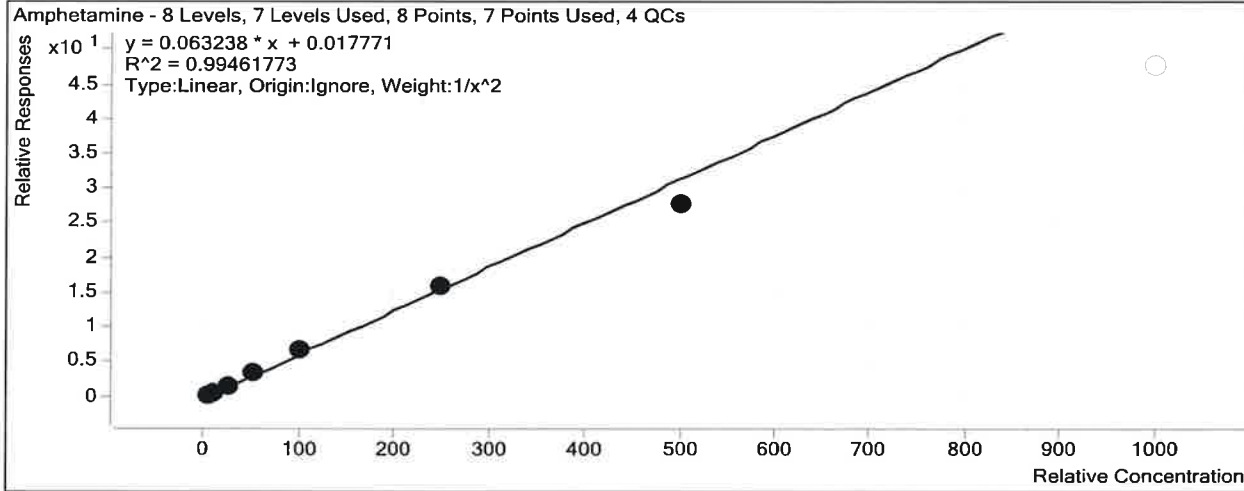
ISP Forensics Calibration Curve Report

B
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



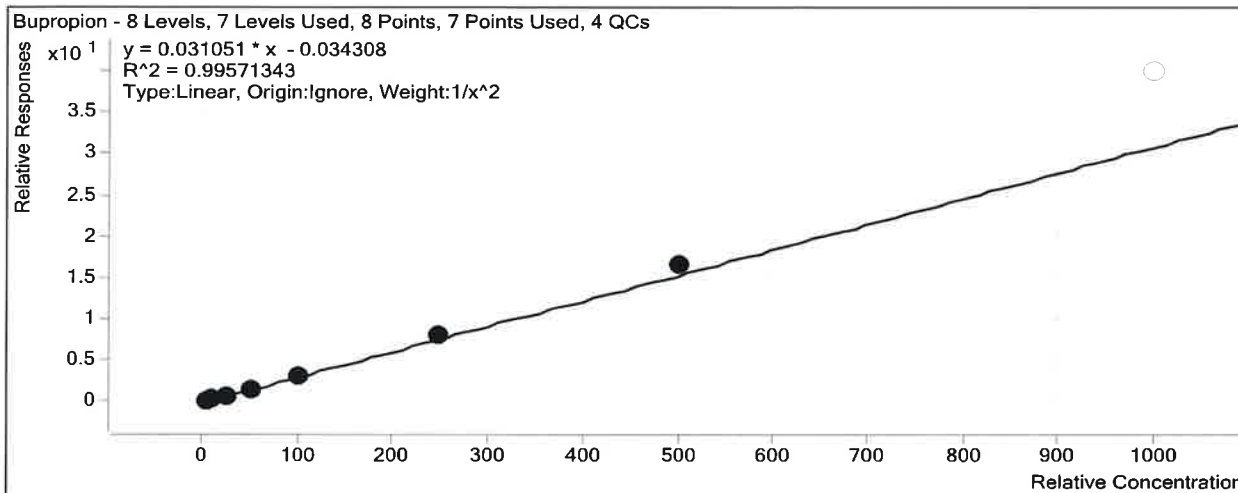
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.8
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.8	108.0
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	24.7	98.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.8	107.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.1	104.1
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	112.4	112.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.5	101.4
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	261.1	104.4
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	439.0	87.8
a cal 8-1000ng_reinject	8	<input type="checkbox"/>	1000	754.0	75.4
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	882.2	88.2

ISP Forensics Calibration Curve Report

B
D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklst 2753\QuantResults\P1a MDQ 102518 TS.batch.bin
Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.3
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.0	99.9
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	23.0	92.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.9	95.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.5	100.5
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	97.3	97.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.8	104.3
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	251.6	100.6
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	537.5	107.5
a cal 8-1000ng_reinject	8	<input type="checkbox"/>	1000	1288.4	128.8
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1106.9	110.7

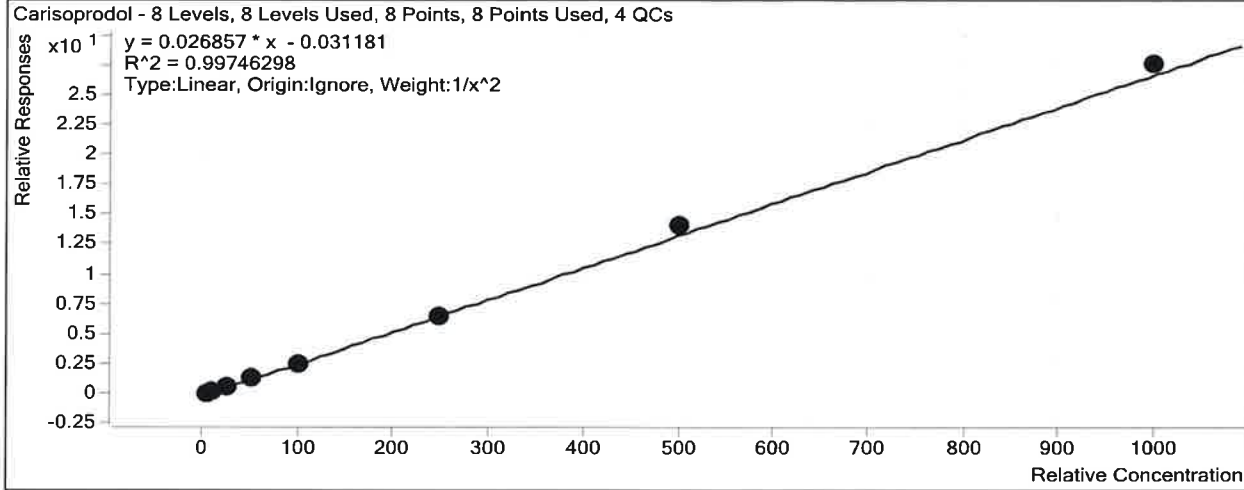
ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



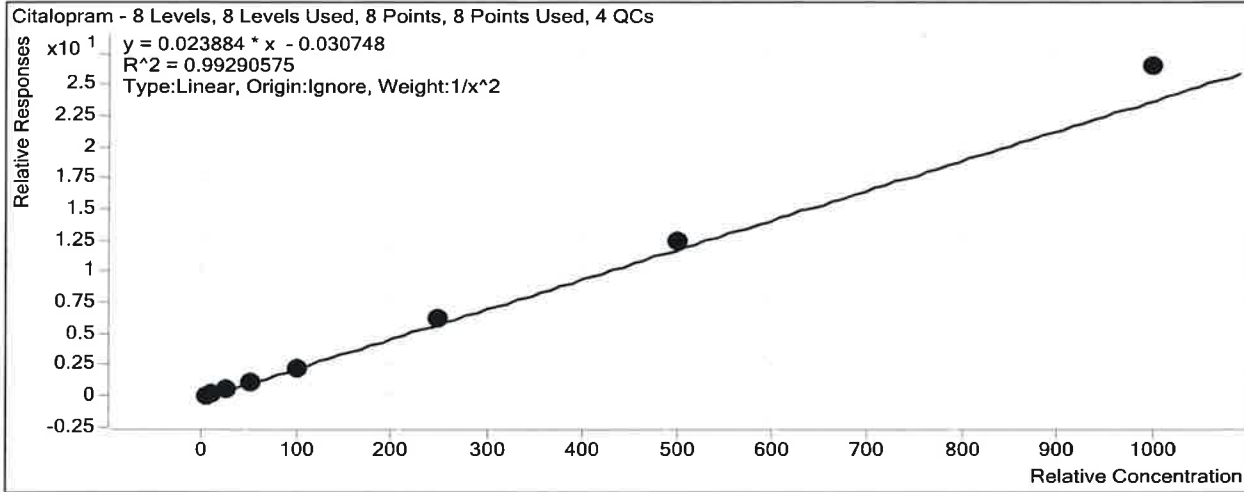
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
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a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.4
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.4	103.7
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	25.0	100.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.5	103.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	91.9	91.9
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	104.6	104.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	239.9	96.0
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	257.4	102.9
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	529.8	106.0
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1027.1	102.7
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1171.8	117.2

ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ 102518 TS.batch.bin
Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

Target Compound Citalopram
Internal Standard Citalopram-D6



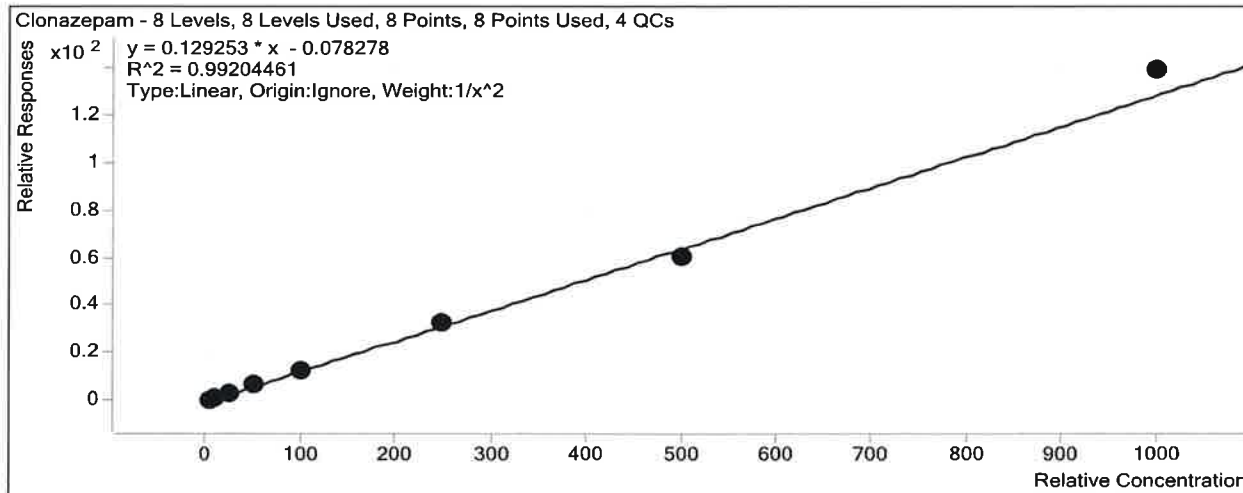
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.1
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.0	99.9
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	22.3	89.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.7	95.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.3	96.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	92.9	92.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.4	103.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	256.7	102.7
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	523.9	104.8
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1109.8	111.0
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1081.0	108.1

ISP Forensics Calibration Curve Report

BR

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ 102518 TS.batch.bin
Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

Target Compound Clonazepam
Internal Standard Clonazepam-D4



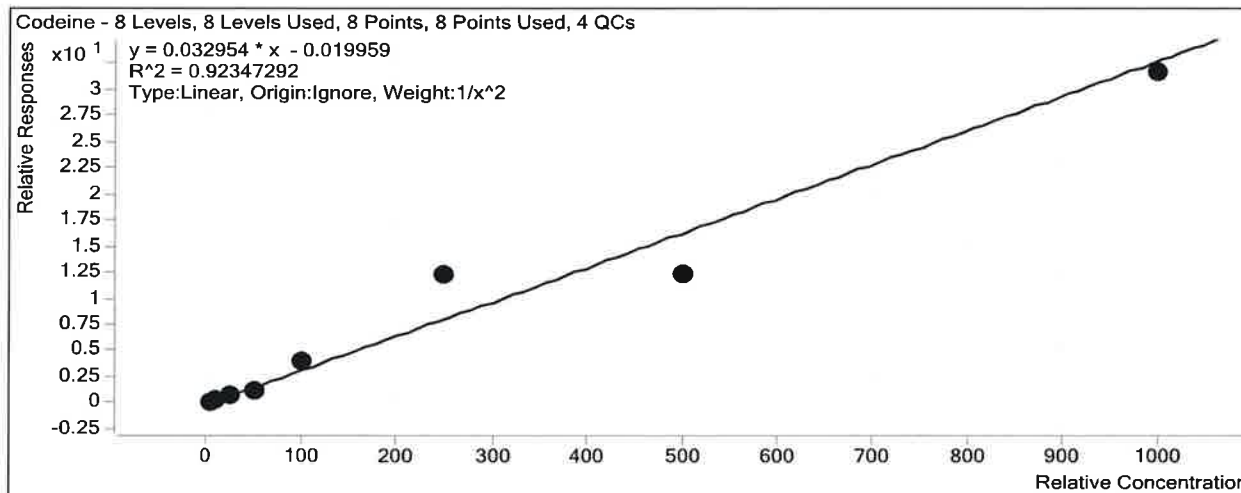
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.7
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.8	107.9
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	22.1	88.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	56.0	111.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.2	97.2
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	113.0	113.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.1	102.4
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	267.6	107.1
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	470.1	94.0
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1074.2	107.4
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1037.9	103.8

ISP Forensics Calibration Curve Report

TS JS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ 102518 TS.batch.bin
Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

Target Compound Codeine
Internal Standard Codeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	108.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.0	89.7
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	7.9	79.3
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	21.6	86.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	38.0	76.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	119.8	119.8
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	73.7	73.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	371.9	148.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	185.1	74.1
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	372.4	74.5
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	960.4	96.0
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	758.4	75.8

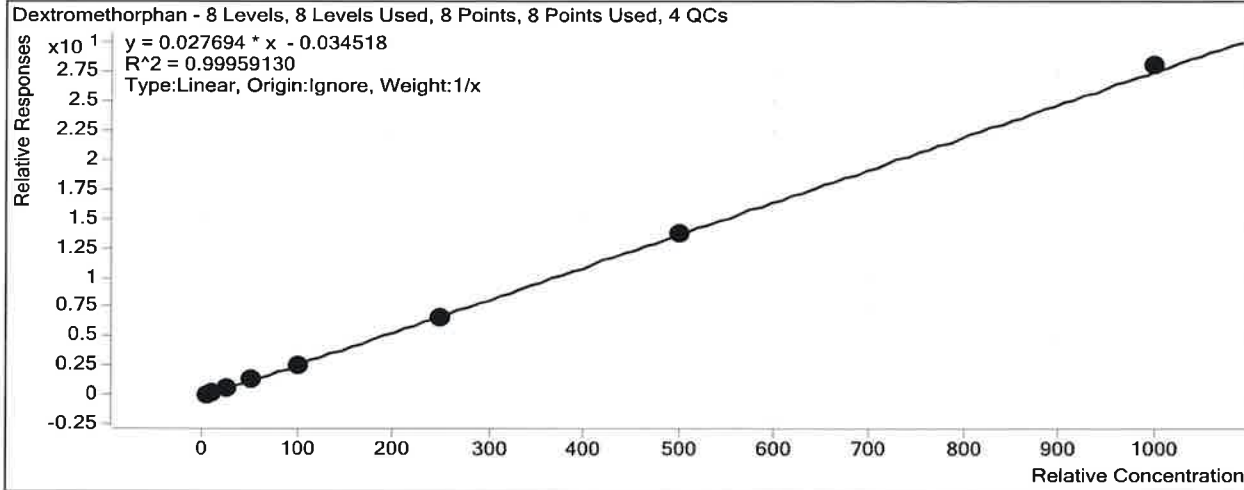
* Compound not evaluated. -TS

ISP Forensics Calibration Curve Report

B B

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklst 2753\QuantResults\P1a MDQ 102518 TS.batch.bin
Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



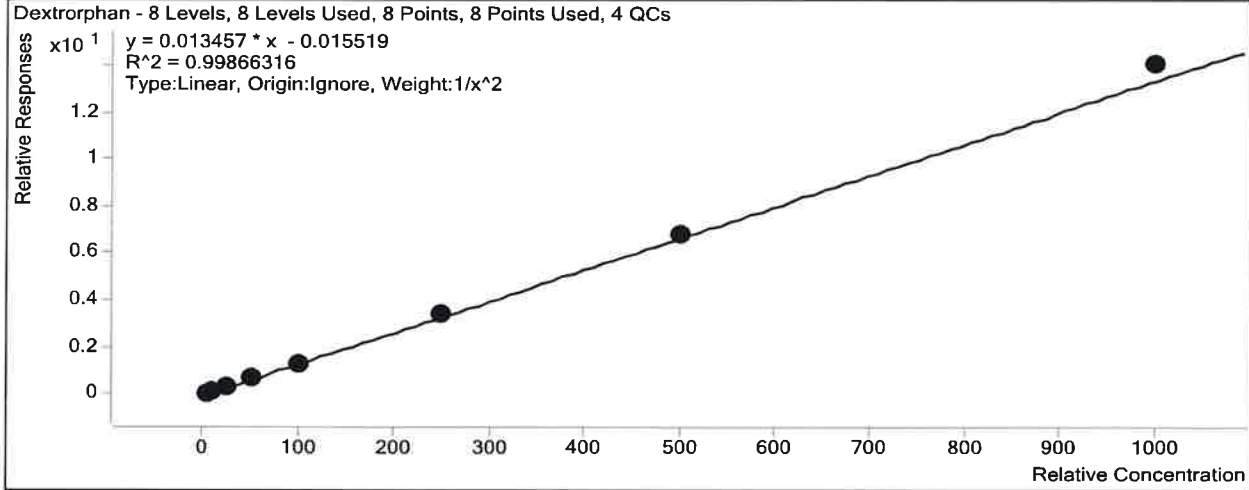
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
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a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.1
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	11.2	112.5
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	23.6	94.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.6	103.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.4	95.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	111.1	111.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	243.4	97.4
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	252.4	101.0
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	497.7	99.5
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1012.9	101.3
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1061.5	106.2

ISP Forensics Calibration Curve Report

B
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ 102518 TS.batch.bin
Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.5
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.2	101.5
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	23.5	94.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.7	99.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.4	98.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	101.4	101.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.9	100.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	260.5	104.2
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	510.6	102.1
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1046.8	104.7
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1013.9	101.4

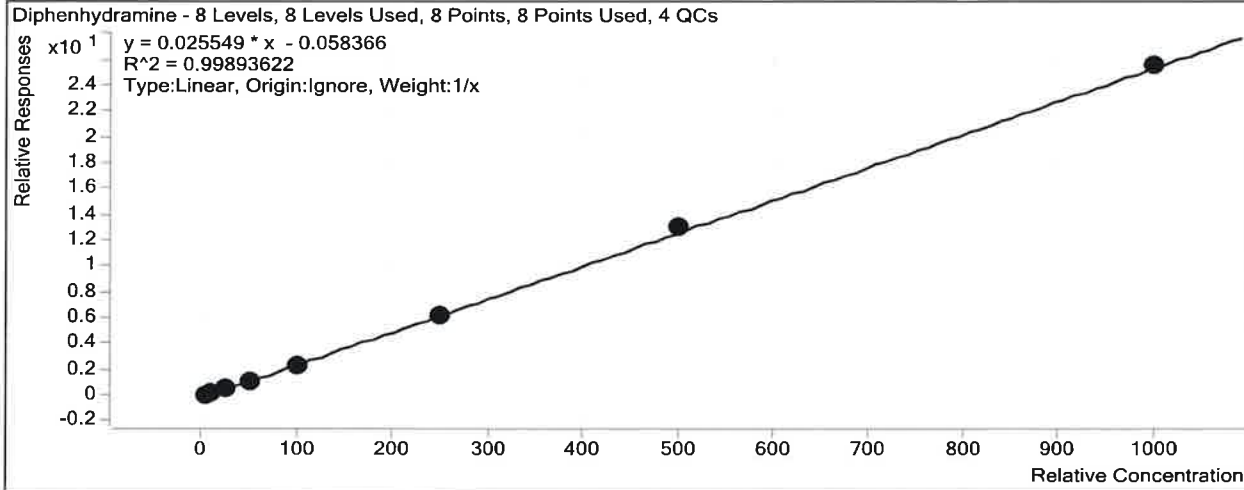
ISP Forensics Calibration Curve Report

TS
D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.9	117.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.6	106.0
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.8	108.1
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	22.5	90.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.1	92.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	92.7	92.7
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	92.5	92.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.7	97.9
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	234.9	94.0
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	515.7	103.1
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1001.8	100.2
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1005.1	100.5

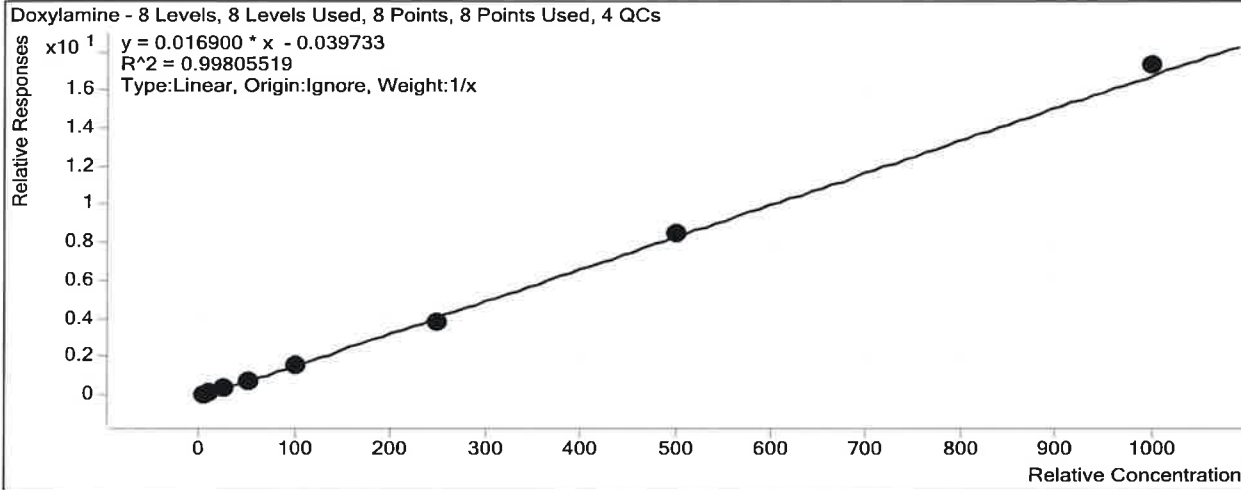
ISP Forensics Calibration Curve Report

TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.4	127.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.9
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.2	102.3
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	22.5	90.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.2	92.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.2	93.2
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	89.9	89.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	231.4	92.6
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	224.3	89.7
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	504.3	100.9
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1025.8	102.6
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1020.0	102.0

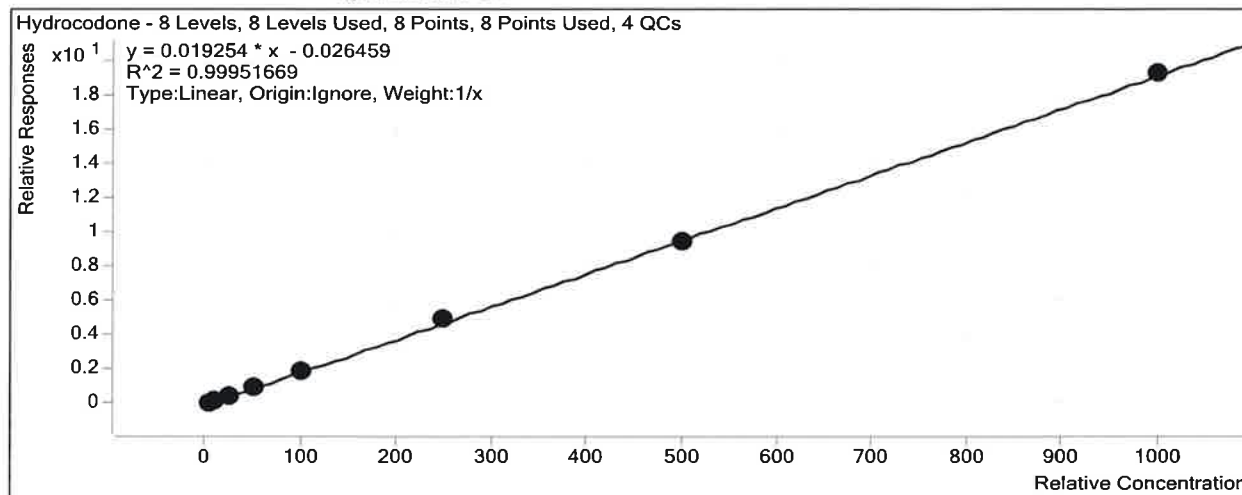
ISP Forensics Calibration Curve Report

TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.5	109.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.1
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.8	98.3
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	23.3	93.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.0	97.0
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.3	99.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.8	104.3
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	257.3	102.9
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	492.7	98.5
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1001.8	100.2
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1004.0	100.4

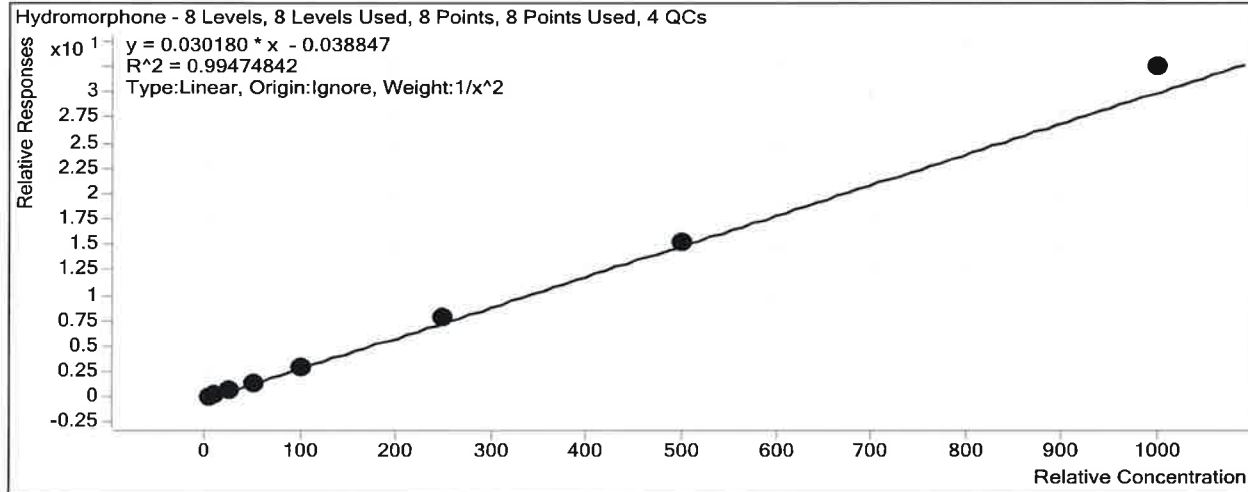
ISP Forensics Calibration Curve Report

TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.0
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.6	96.4
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	22.3	89.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.3	98.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.7	99.7
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	98.3	98.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.7	104.3
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	264.3	105.7
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	510.0	102.0
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1075.8	107.6
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1090.3	109.0

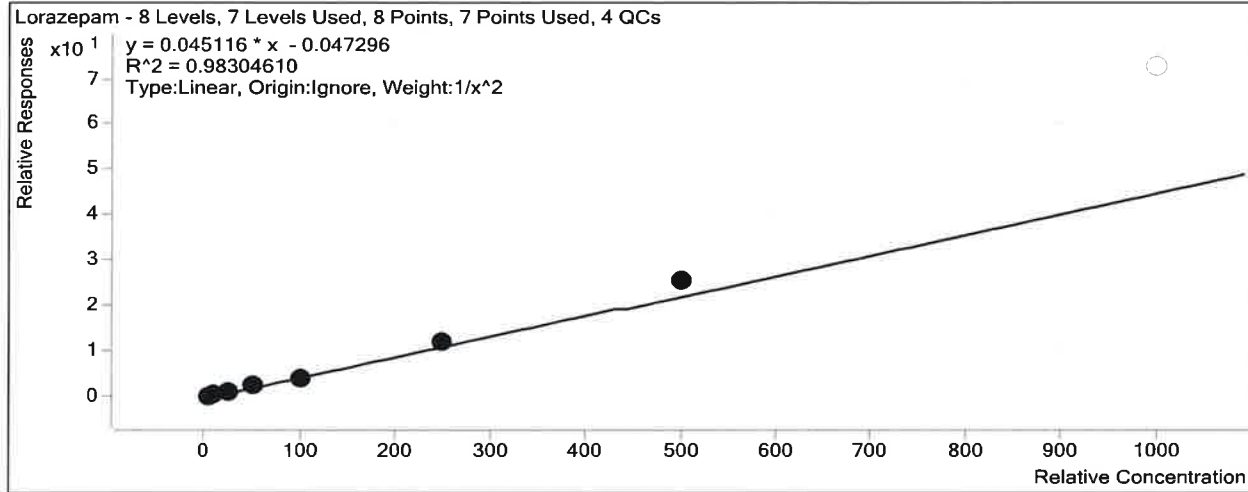
ISP Forensics Calibration Curve Report

TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

Target Compound Lorazepam
Internal Standard Clonazepam-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	108.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.7	87.5
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	8.7	86.9
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	21.5	85.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.5	103.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.0	93.0
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	86.1	86.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	271.8	108.7
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	246.0	98.4
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	565.2	113.0
a cal 8-1000ng_reinject	8	<input type="checkbox"/>	1000	1610.0	161.0
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1392.1	139.2

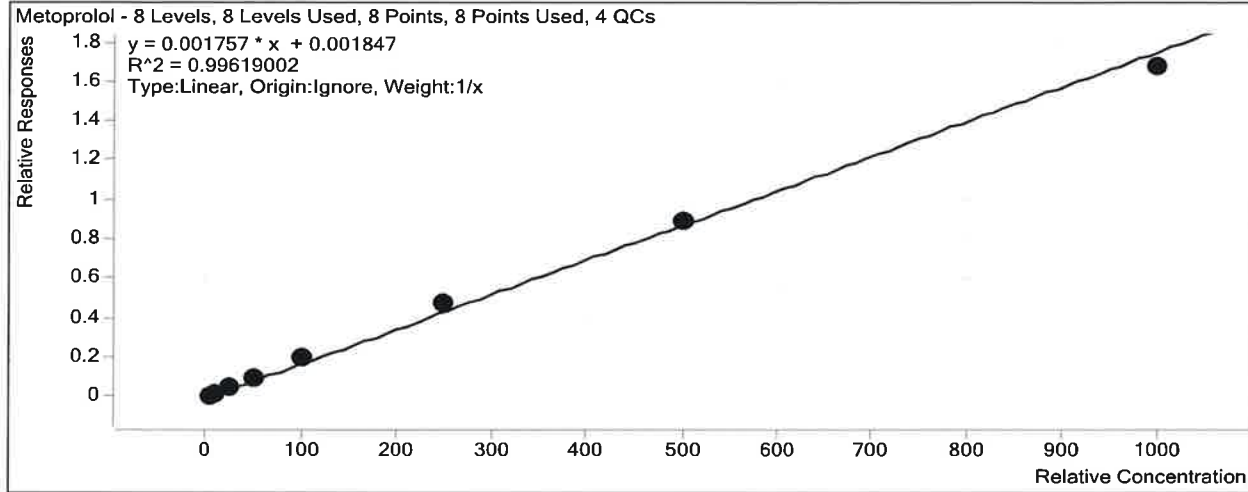
ISP Forensics Calibration Curve Report

TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 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	1	<input checked="" type="checkbox"/>	5	3.8	76.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	91.6
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.3	103.1
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	26.3	105.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.3	108.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	111.9	111.9
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	122.8	122.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	272.4	108.9
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	313.4	125.4
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	510.5	102.1
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	951.6	95.2
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	994.9	99.5

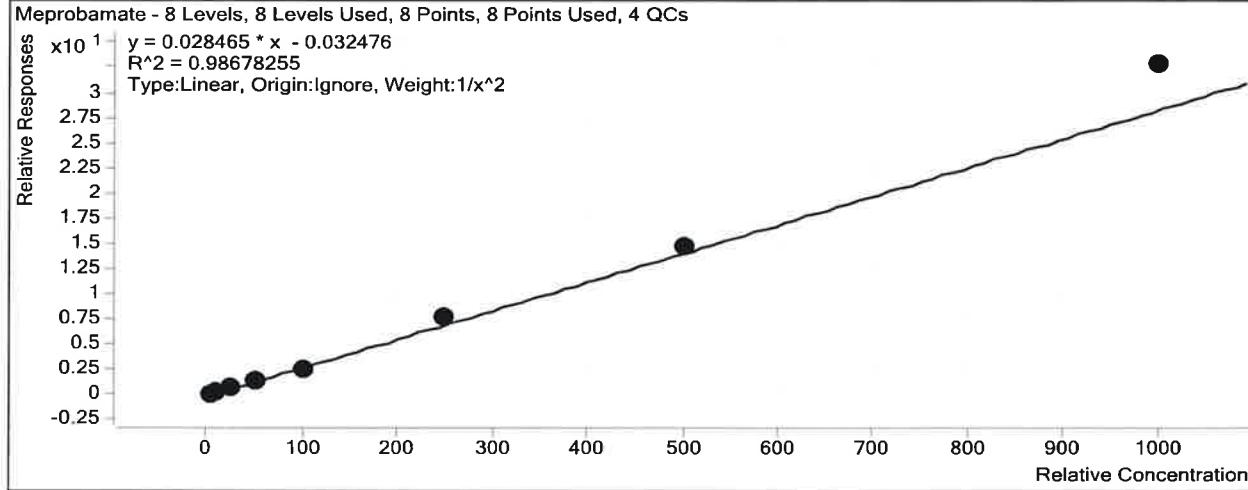
ISP Forensics Calibration Curve Report

TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	108.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.7	87.4
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.8	98.0
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	23.1	92.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.5	93.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	92.3	92.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.1	99.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	270.4	108.2
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	248.4	99.4
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	515.4	103.1
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1151.4	115.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1085.3	108.5

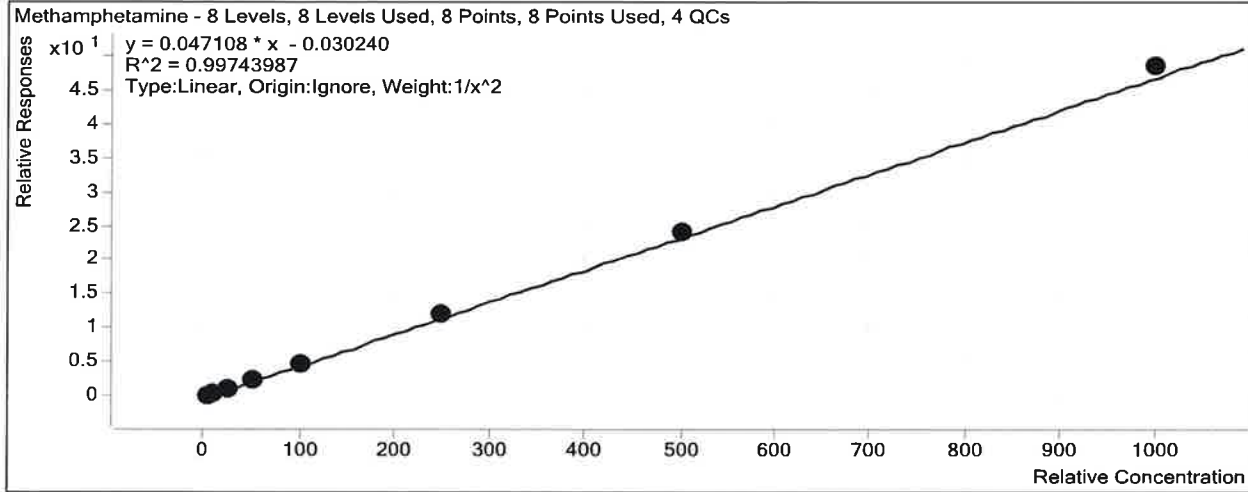
ISP Forensics Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	92.8
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.2	102.3
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	23.8	95.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.3	98.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.8	98.8
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	109.7	109.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.9	104.4
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	273.9	109.6
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	513.6	102.7
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1029.7	103.0
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1242.7	124.3

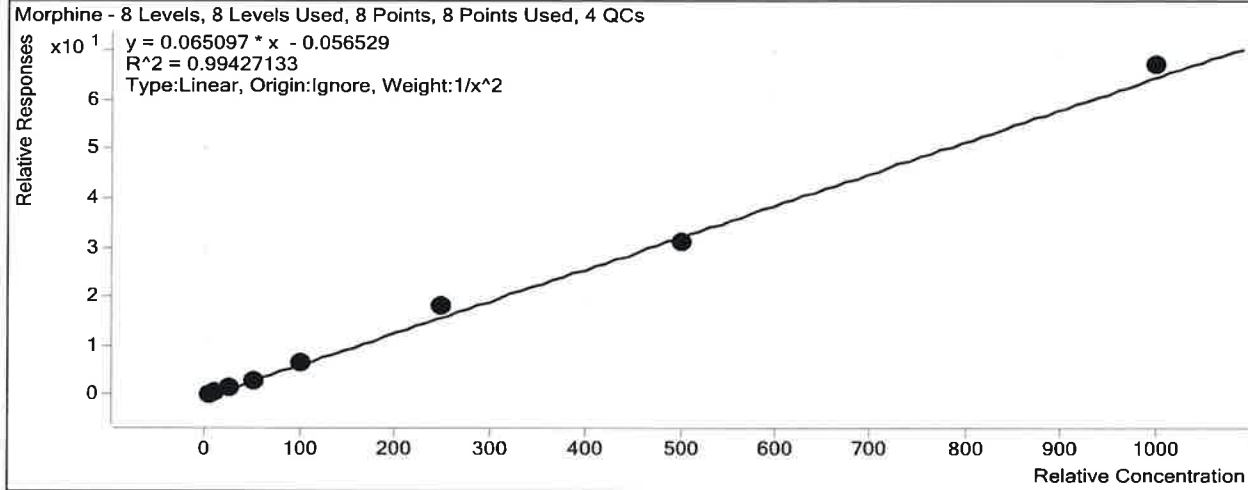
ISP Forensics Calibration Curve Report

TS
D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



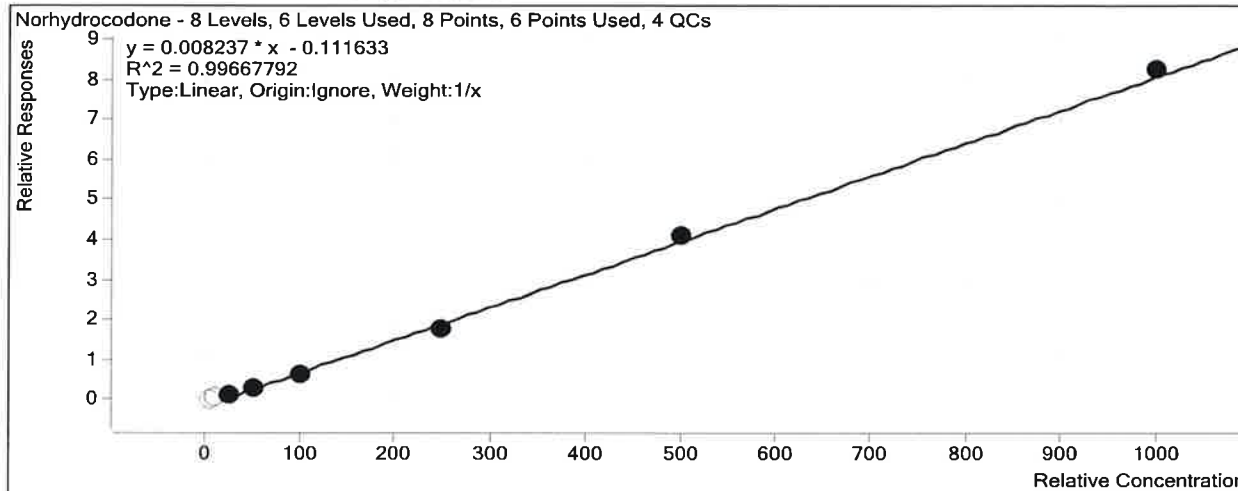
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.5
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	8.7	87.1
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	23.2	92.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.9	99.9
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	86.1	86.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	281.9	112.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	240.1	96.1
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	479.3	95.9
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1032.4	103.2
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1011.8	101.2

ISP Forensics Calibration Curve Report

TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ 102518 TS.batch.bin
Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	17.0	339.9
a cal 2-10ng	2	<input type="checkbox"/>	10	20.3	203.4
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	19.8	198.4
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	29.2	116.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	88.7	88.7
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	88.2	88.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	226.7	90.7
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	230.0	92.0
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	515.0	103.0
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1015.8	101.6
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1171.7	117.2

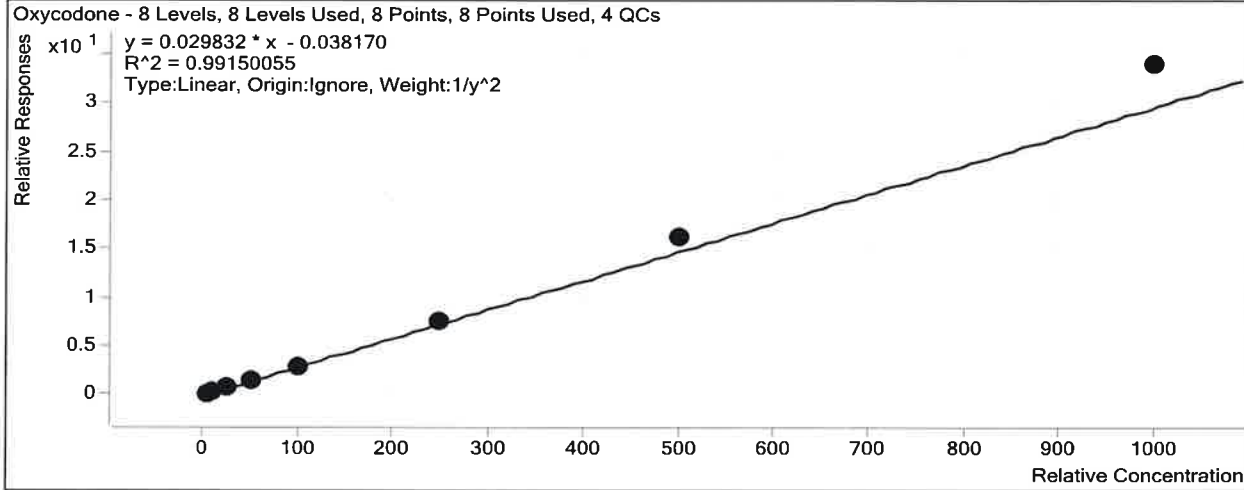
ISP Forensics Calibration Curve Report

TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklst 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

Target Compound Oxycodone
Internal Standard Oxycodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	92.6
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.9	98.9
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	23.2	92.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.1	94.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.3	100.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	101.3	101.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.6	101.4
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	268.2	107.3
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	543.0	108.6
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1140.9	114.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1147.5	114.7

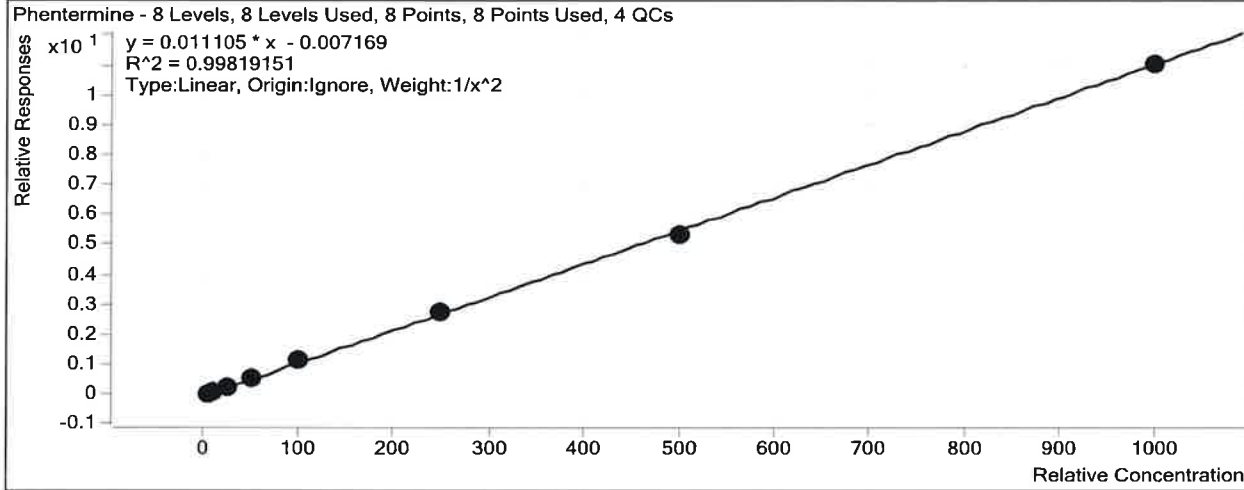
ISP Forensics Calibration Curve Report

TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklst 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.1
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.9	98.7
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	24.2	96.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.0	105.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.1	104.1
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	104.2	104.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.4	99.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	265.3	106.1
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	481.2	96.2
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	992.3	99.2
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1014.7	101.5

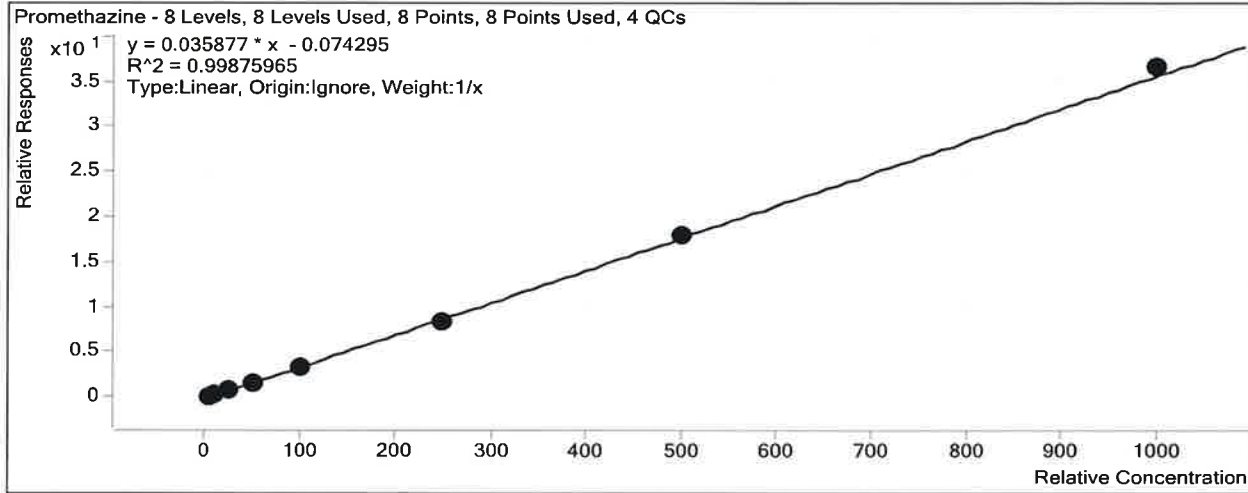
ISP Forensics Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklist 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

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



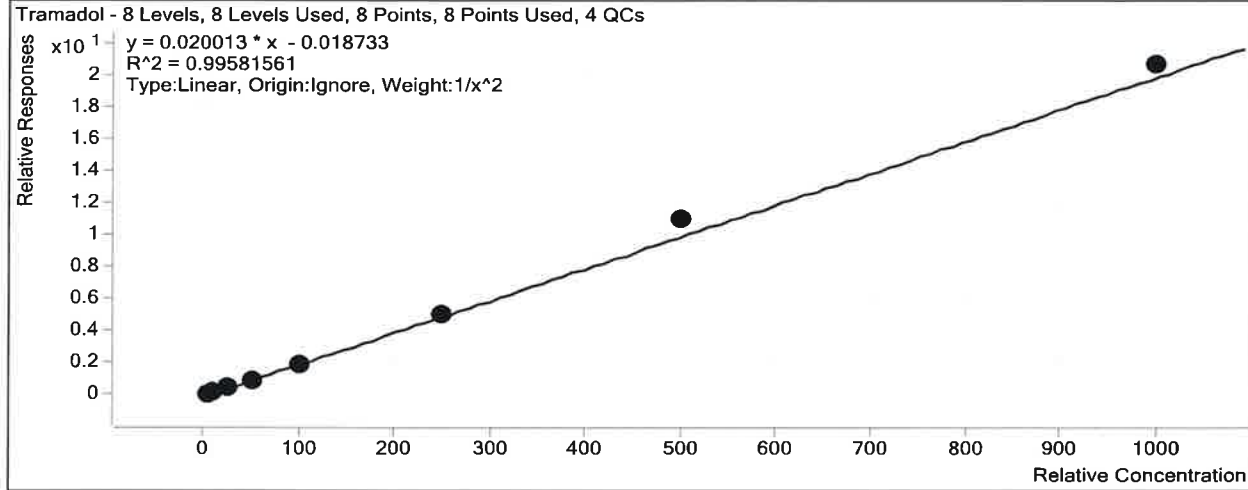
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.1	121.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.9
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.6	106.2
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	22.9	91.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.0	93.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	92.0	92.0
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	91.4	91.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	239.0	95.6
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	242.3	96.9
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	501.4	100.3
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1021.5	102.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1046.8	104.7

ISP Forensics Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ 102518 TS.batch.bin
Last Calib Update 10/29/2018 8:04 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	1	<input checked="" type="checkbox"/>	5	5.1	102.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.3
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.0	100.1
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	23.0	92.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.1	96.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.4	95.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	94.3	94.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.3	101.7
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	253.2	101.3
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	549.8	110.0
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1033.7	103.4
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1048.0	104.8

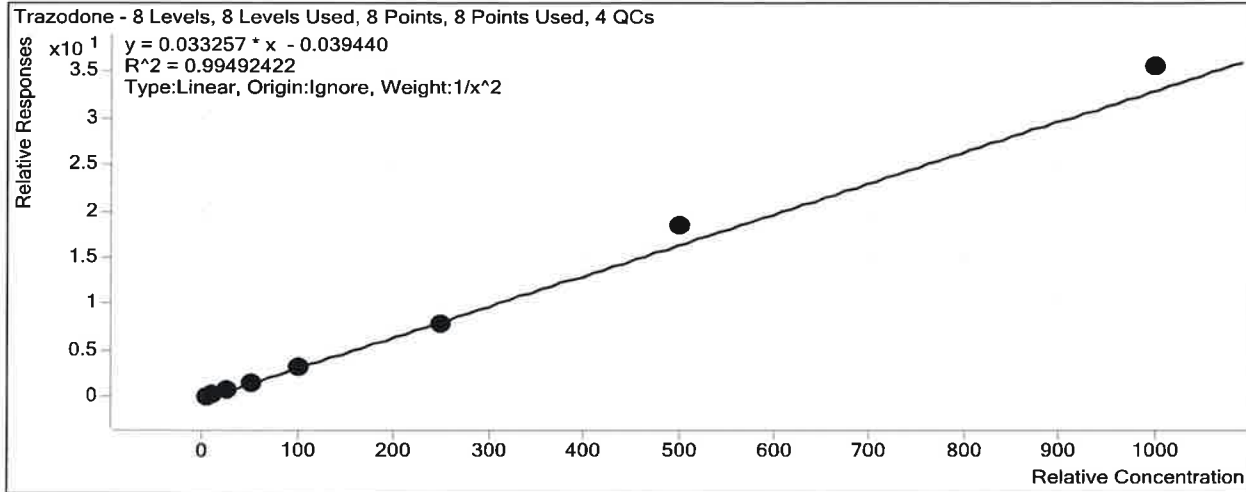
ISP Forensics Calibration Curve Report

TS
R

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

Target Compound Trazodone
Internal Standard Trazodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.9
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.9	108.7
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	23.1	92.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.5	97.5
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	103.2	103.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	239.9	96.0
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	262.4	105.0
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	551.9	110.4
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1068.3	106.8
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1051.4	105.1

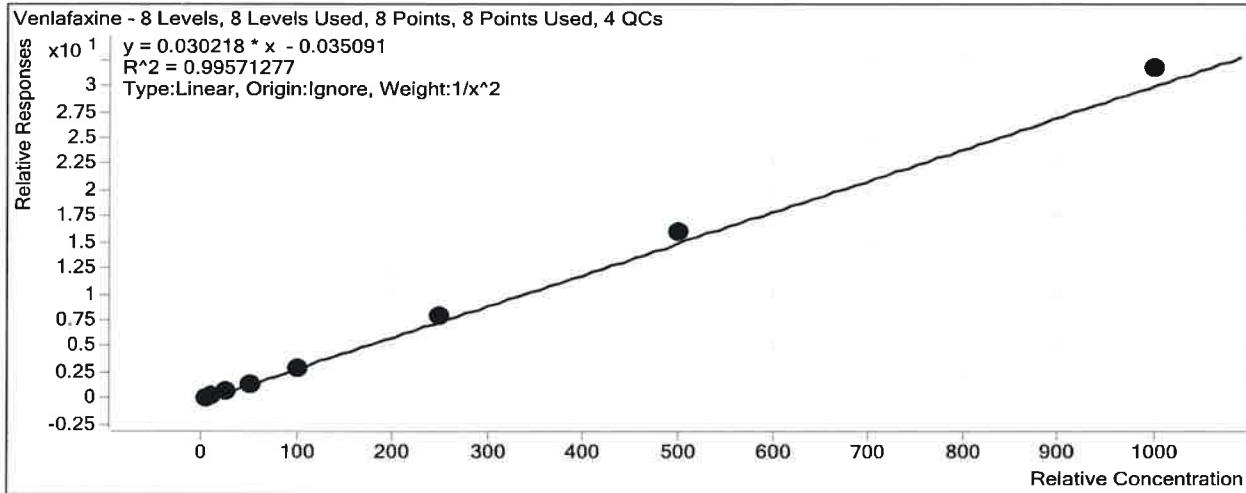
ISP Forensics Calibration Curve Report

TS
D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklist 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

Target Compound Venlafaxine
Internal Standard Venlafaxine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.1
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.5	95.4
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	22.9	91.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.8	95.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.4	96.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	93.4	93.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	261.9	104.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	242.5	97.0
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	532.5	106.5
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1050.8	105.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1053.1	105.3

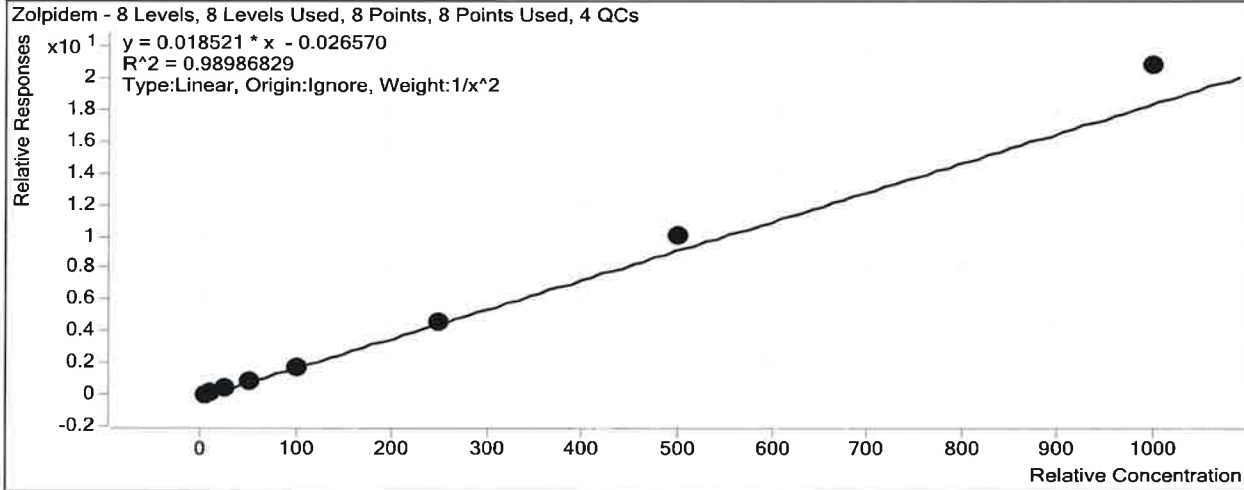
ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:04 AM **Analyst Name** ISP TOX

Target Compound Zolpidem
Internal Standard Zolpidem-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.6
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.7	96.7
a cal 3-25ng_reinject	3	<input checked="" type="checkbox"/>	25	21.7	86.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.9	93.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.3	93.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	92.6	92.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.3	101.3
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	227.4	91.0
a cal 7-500ng_reinject2	7	<input checked="" type="checkbox"/>	500	549.6	109.9
a cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1125.6	112.6
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1092.1	109.2

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

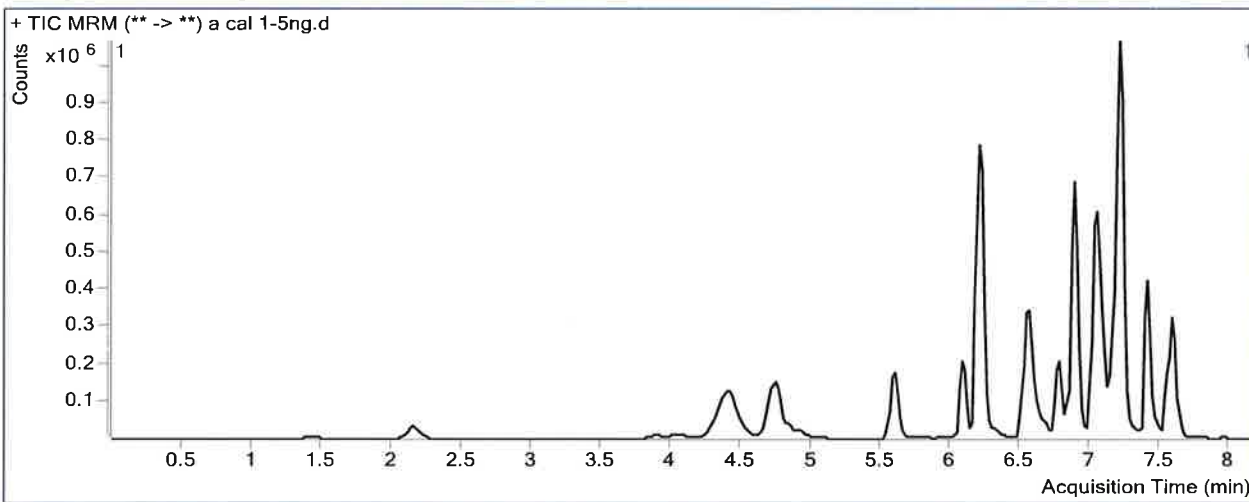
TS JS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklt 2753\QuantResults\P1a MDQ 102518 TS.batch.bi
Analysis Time 10/29/2018 8:04 AM **Analyst Name** ISPUser
Report Time 10/29/2018 8:11 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:04 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 13:34 **Data File** a cal 1-5ng.d
Sample Type Calibration **Sample Name** a cal 1-5ng
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-H12 **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	1.448	5763	20363	0.2830	5.2161
Hydromorphone	Hydromorphone-D6	2.169	20585	170653	0.1206	5.2841
Codeine	Codeine-D6	4.133	6427	40463	0.1588	5.4258
Oxycodone	Oxycodone-D6	4.450	69778	587249	0.1188	5.2625
Amphetamine	Amphetamine-D11	4.504	139195	422940	0.3291	4.9233
Hydrocodone	Hydrocodone-D6	4.735	25134	317919	0.0791	5.4803
Norhydrocodone	Norhydrocodone-D3	4.778	2899	102189	0.0284	16.9974
Methamphetamine	Methamphetamine-D11	4.841	106184	491078	0.2162	5.2319
6-MAM	6-MAM-D6	4.949	636	44425	0.0143	0.8108
Phentermine	Phentermine-D5	5.646	38341	776464	0.0494	5.0923
Dextrophan	Dextrophan-D3	6.102	36980	696215	0.0531	5.1002
7-aminoclonazepam	7-Aminoclonazepam-D4	6.216	36937	374313	0.0987	4.9122
Tramadol	Tramadol-13C-D3	6.224	202636	2406581	0.0842	5.1434
Metoprolol	Tramadol-13C-D3	6.322	20583	2406581	0.0086	3.8161
Doxylamine	Doxylamine-D5	6.563	112357	1656851	0.0678	6.3638
Bupropion	Bupropion-D9	6.792	74681	589534	0.1267	5.1846
Zolpidem	Zolpidem-D6	6.902	155127	2206629	0.0703	5.2303
Meprobamate	Meprobamate-D7	6.914	11907	97469	0.1222	5.4327
Venlafaxine	Venlafaxine-D6	7.026	226831	1856877	0.1222	5.2039
Trazodone	Trazodone-D6	7.117	119790	902942	0.1327	5.1750

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

TS
D
a cal 1-5ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.179	102762	1077699	0.0954	5.2798
Dextromethorphan	Dextromethorphan-D3	7.211	43365	377613	0.1148	5.3931
Diphenhydramine	Diphenhydramine-D3	7.214	232760	2525922	0.0921	5.8912
Promethazine	Promethazine-D3	7.409	169831	1180441	0.1439	6.0810
Clonazepam	Clonazepam-D4	7.465	18537	31256	0.5931	5.1940
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.541	4698	49329	0.0952	5.2561
Carisoprodol	Carisoprodol-D7	7.555	39711	385694	0.1030	4.9947
Lorazepam	Clonazepam-D4	7.584	6195	31256	0.1982	5.4413
Alprazolam	Alprazolam-D5	7.608	98447	767680	0.1282	5.2530

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

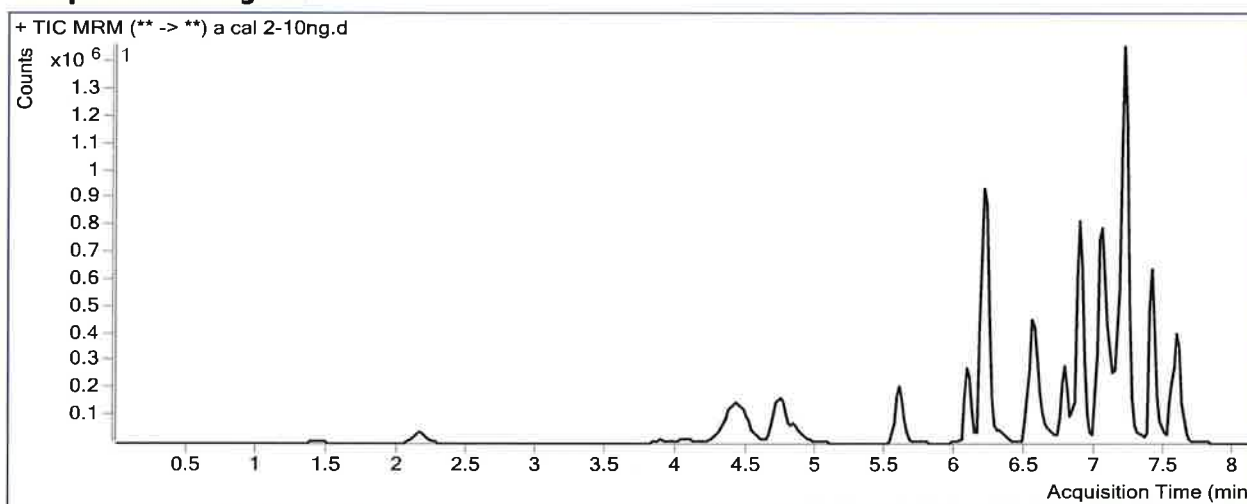
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklst 2753\QuantResults\P1a MDQ 102518 TS.batch.bi
Analysis Time 10/29/2018 8:04 AM **Analyst Name** ISPUser
Report Time 10/29/2018 8:11 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:04 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 14:05 **Data File** a cal 2-10ng.d
Sample Type Calibration **Sample Name** a cal 2-10ng
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-G12 **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	1.448	11904	21315	0.5585	9.4480
Hydromorphone	Hydromorphone-D6	2.169	44195	182861	0.2417	9.2953
Codeine	Codeine-D6	4.113	11770	42682	0.2758	8.9739
Oxycodone	Oxycodone-D6	4.450	150858	633949	0.2380	9.2563
Amphetamine	Amphetamine-D11	4.504	295439	446678	0.6614	10.1781
Hydrocodone	Hydrocodone-D6	4.735	57532	349983	0.1644	9.9119
Norhydrocodone	Norhydrocodone-D3	4.778	6137	109726	0.0559	20.3430
Methamphetamine	Methamphetamine-D11	4.841	223198	548423	0.4070	9.2812
6-MAM	6-MAM-D6	4.929	986	45035	0.0219	1.0240
Phentermine	Phentermine-D5	5.646	84742	851433	0.0995	9.6084
Dextrorphan	Dextrorphan-D3	6.084	93428	798358	0.1170	9.8493
7-aminoclonazepam	7-Aminoclonazepam-D4	6.216	87035	411348	0.2116	9.5158
Tramadol	Tramadol-13C-D3	6.224	471924	2650937	0.1780	9.8315
Metoprolol	Tramadol-13C-D3	6.322	47588	2650937	0.0180	9.1642
Doxylamine	Doxylamine-D5	6.563	253893	1941419	0.1308	10.0896
Bupropion	Bupropion-D9	6.812	177689	671286	0.2647	9.6297
Zolpidem	Zolpidem-D6	6.902	372262	2415307	0.1541	9.7562
Meprobamate	Meprobamate-D7	6.894	23965	110734	0.2164	8.7439
Venlafaxine	Venlafaxine-D6	7.046	533710	2090099	0.2554	9.6117
Trazodone	Trazodone-D6	7.117	297365	1051645	0.2828	9.6882

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

a cal 2-10ng

TS

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.179	250911	1293535	0.1940	9.4090
Dextromethorphan	Dextromethorphan-D3	7.191	115547	470599	0.2455	10.1122
Diphenhydramine	Diphenhydramine-D3	7.234	591859	2785773	0.2125	10.6001
Promethazine	Promethazine-D3	7.409	454266	1540192	0.2949	10.2918
Clonazepam	Clonazepam-D4	7.445	43799	38226	1.1458	9.4704
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.521	11096	57135	0.1942	9.3709
Carisoprodol	Carisoprodol-D7	7.555	98241	412054	0.2384	10.0385
Lorazepam	Clonazepam-D4	7.564	13280	38226	0.3474	8.7487
Alprazolam	Alprazolam-D5	7.608	220136	830806	0.2650	9.5041

TS ↗

ISP FORENSICS - Pocatello Instrument # 59740

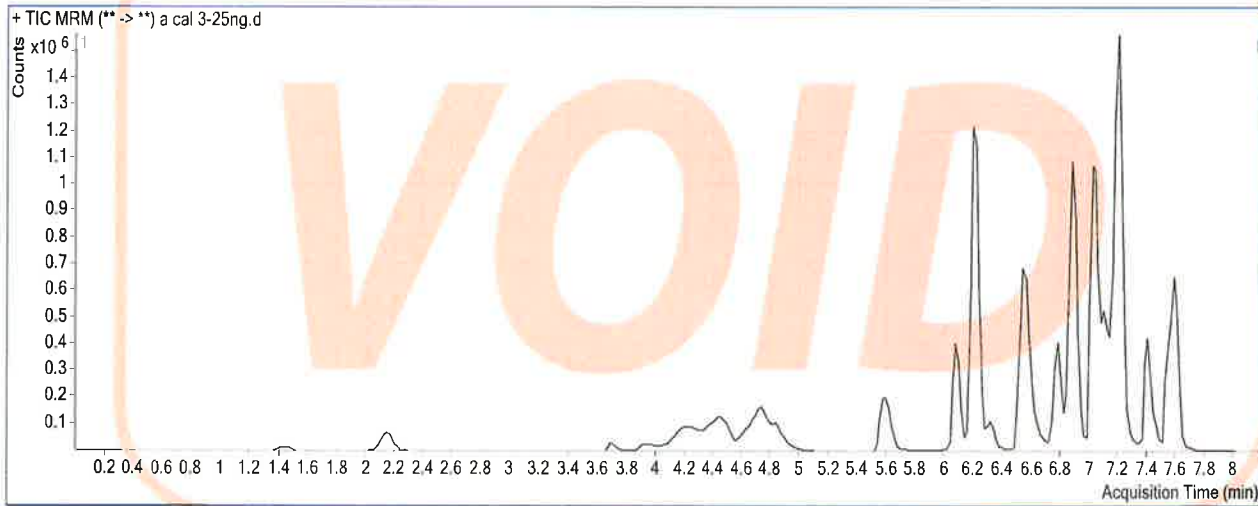
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklst 2753\QuantResults\P1a MDQ 102518 TS.batch.bii
Analysis Time 10/29/2018 8:36 AM **Analyst Name** ISPUser
Report Time 10/29/2018 8:39 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:36 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 14:37 **Data File** a cal 3-25ng.d
Sample Type Calibration **Sample Name** a cal 3-25ng
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-F12 **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	1.448	30575	20883	1.4641	24.4274
Hydromorphone	Hydromorphone-D6	2.149	115579	184641	0.6260	21.9530
Codeine	Codeine-D6	4.133	10355	17144	0.6040	19.8780
Oxycodone	Oxycodone-D6	4.450	185014	282542	0.6548	24.1900
Amphetamine	Amphetamine-D11	4.504	411807	151613	2.7162	31.0261
Hydrocodone	Hydrocodone-D6	4.735	144321	361598	0.3991	22.0339
Norhydrocodone	Norhydrocodone-D3	4.778	13964	112142	0.1245	27.3025
Methamphetamine	Methamphetamine-D11	4.841	549180	546127	1.0056	20.8572
6-MAM	6-MAM-D6	4.909	3588	52969	0.0677	2.3512
Phentermine	Phentermine-D5	5.626	227526	873760	0.2604	22.8615
Dextrophan	Dextrophan-D3	6.084	239817	832440	0.2881	22.6005
7-aminoclonazepam	7-Aminoclonazepam-D4	6.216	239240	420440	0.5690	24.1227
Tramadol	Tramadol-13C-D3	6.224	1236637	2809714	0.4401	22.3498
Metoprolol	Tramadol-13C-D3	6.322	130450	2809714	0.0464	25.1819
Doxylamine	Doxylamine-D5	6.563	670291	1932210	0.3469	23.9421
Bupropion	Bupropion-D9	6.792	448134	650459	0.6889	25.3392
Zolpidem	Zolpidem-D6	6.902	968074	2533329	0.3821	22.6544
Meprobamate	Meprobamate-D7	6.914	79383	119236	0.6658	25.0470
Venlafaxine	Venlafaxine-D6	7.026	1355409	2104281	0.6441	23.2111
Trazodone	Trazodone-D6	7.117	690257	918669	0.7514	24.9330

*Calibrator failed to inject properly. Calibrator was re-injected. - TS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

15
a cal 3-25ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.159	508327	1002065	0.5073	23.5291
Dextromethorphan	Dextromethorphan-D3	7.191	208683	340845	0.6123	24.8869
Diphenhydramine	Diphenhydramine-D3	7.214	1230865	2398703	0.5131	23.6802
Promethazine	Promethazine-D3	7.409	510464	704371	0.7247	23.8847
Clonazepam	Clonazepam-D4	7.465	119935	41206	2.9106	24.2287
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.521	33274	71296	0.4667	22.0256
Carisoprodol	Carisoprodol-D7	7.555	290844	467417	0.6222	25.2922
Lorazepam	Clonazepam-D4	7.584	41669	41206	1.0113	24.0912
Alprazolam	Alprazolam-D5	7.588	624313	915422	0.6820	23.2575

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ISP FORENSICS - Pocatello Instrument # 59740

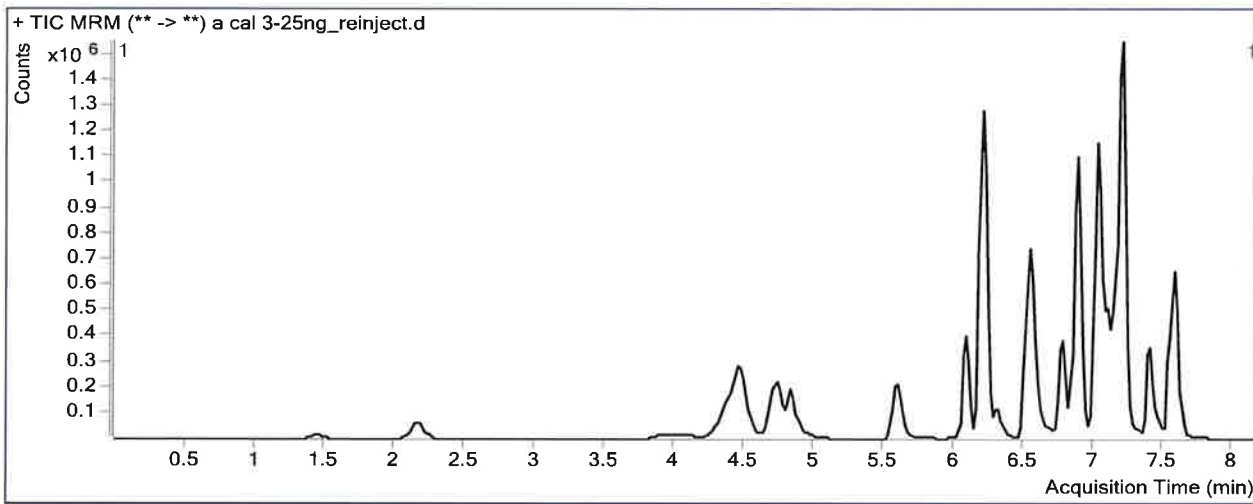
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1a MDQ 102518 TS.batch.bi
Analysis Time 10/29/2018 8:04 AM **Analyst Name** ISPUser
Report Time 10/29/2018 8:12 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:04 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 15:40 **Data File** a cal 3-25ng_reinject.d
Sample Type Calibration **Sample Name** a cal 3-25ng_reinject
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-F12 **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	1.448	31480	21679	1.4521	23.1748
Hydromorphone	Hydromorphone-D6	2.189	117658	185326	0.6349	22.3234
Codeine	Codeine-D6	4.113	27569	39757	0.6934	21.6482
Oxycodone	Oxycodone-D6	4.450	439914	673595	0.6531	23.1714
Amphetamine	Amphetamine-D11	4.504	761555	481737	1.5809	24.7173
Hydrocodone	Hydrocodone-D6	4.735	157656	374193	0.4213	23.2563
Norhydrocodone	Norhydrocodone-D3	4.758	16027	124369	0.1289	29.1978
Methamphetamine	Methamphetamine-D11	4.841	587589	538814	1.0905	23.7913
6-MAM	6-MAM-D6	4.949	3166	42552	0.0744	2.5011
Phentermine	Phentermine-D5	5.646	231779	886077	0.2616	24.2013
Dextrorphan	Dextrorphan-D3	6.084	254787	845896	0.3012	23.5355
7-aminoclonazepam	7-Aminoclonazepam-D4	6.216	240258	439603	0.5465	23.1728
Tramadol	Tramadol-13C-D3	6.224	1257053	2841130	0.4424	23.0444
Metoprolol	Tramadol-13C-D3	6.322	136647	2841130	0.0481	26.3179
Doxylamine	Doxylamine-D5	6.563	670220	1965733	0.3410	22.5262
Bupropion	Bupropion-D9	6.792	416102	611938	0.6800	23.0039
Zolpidem	Zolpidem-D6	6.882	979661	2607845	0.3757	21.7174
Meprobamate	Meprobamate-D7	6.914	78542	125937	0.6237	23.0506
Venlafaxine	Venlafaxine-D6	7.026	1380328	2103863	0.6561	22.8735
Trazodone	Trazodone-D6	7.117	682856	937765	0.7282	23.0811

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

TS B

a cal 3-25ng-reinject

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.159	510679	1018112	0.5016	22.2891
Dextromethorphan	Dextromethorphan-D3	7.191	202389	327369	0.6182	23.5698
Diphenhydramine	Diphenhydramine-D3	7.214	1233808	2387004	0.5169	22.5155
Promethazine	Promethazine-D3	7.409	447147	598895	0.7466	22.8816
Clonazepam	Clonazepam-D4	7.445	114408	41151	2.7802	22.1150
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.521	35241	68254	0.5163	22.7639
Carisoprodol	Carisoprodol-D7	7.555	293767	458438	0.6408	25.0211
Lorazepam	Clonazepam-D4	7.584	37899	41151	0.9210	21.4615
Alprazolam	Alprazolam-D5	7.588	637103	929570	0.6854	22.5755

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

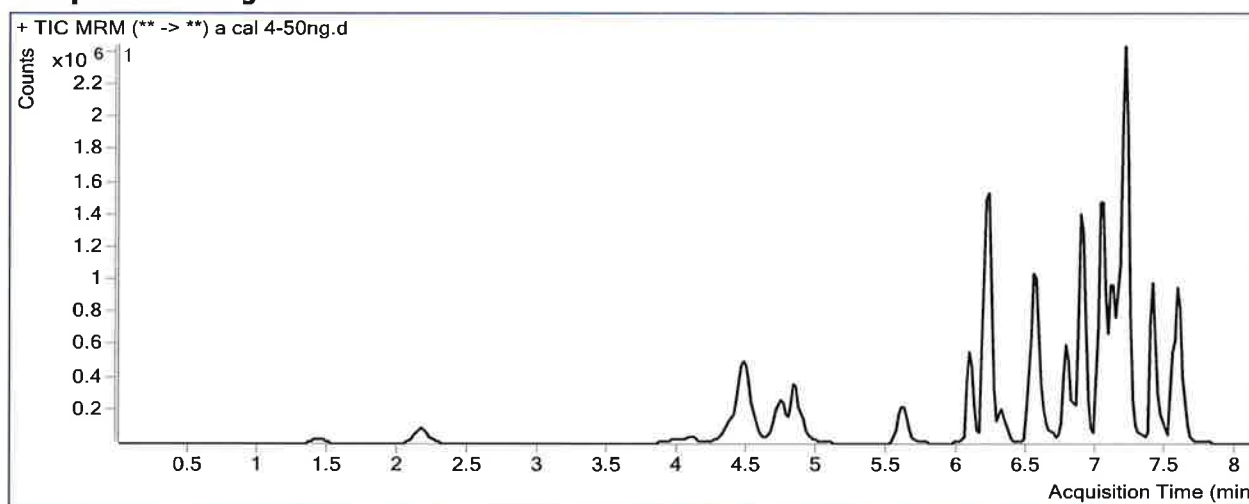
TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklst 2753\QuantResults\P1a MDQ 102518 TS.batch.bi
Analysis Time 10/29/2018 8:04 AM **Analyst Name** ISPUser
Report Time 10/29/2018 8:11 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:04 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 15:08 **Data File** a cal 4-50ng.d
Sample Type Calibration **Sample Name** a cal 4-50ng
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-E12 **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	1.448	65054	21036	3.0925	48.3742
Hydromorphone	Hydromorphone-D6	2.169	245419	169427	1.4485	49.2833
Codeine	Codeine-D6	4.113	53017	42999	1.2330	38.0208
Oxycodone	Oxycodone-D6	4.450	849988	621956	1.3666	47.0904
Amphetamine	Amphetamine-D11	4.504	1482727	433599	3.4196	53.7936
Hydrocodone	Hydrocodone-D6	4.735	315468	343188	0.9192	49.1158
Norhydrocodone	Norhydrocodone-D3	4.778	31049	104480	0.2972	49.6323
Methamphetamine	Methamphetamine-D11	4.841	1234029	538825	2.2902	49.2582
6-MAM	6-MAM-D6	4.949	6184	41835	0.1478	4.5658
Phentermine	Phentermine-D5	5.646	465198	800728	0.5810	52.9631
Dextrorphan	Dextrorphan-D3	6.084	510279	780911	0.6534	49.7100
7-aminoclonazepam	7-Aminoclonazepam-D4	6.216	489545	396801	1.2337	51.1922
Tramadol	Tramadol-13C-D3	6.224	2478047	2626253	0.9436	48.0845
Metoprolol	Tramadol-13C-D3	6.322	255590	2626253	0.0973	54.3290
Doxylamine	Doxylamine-D5	6.563	1364855	1840078	0.7417	46.2419
Bupropion	Bupropion-D9	6.792	842430	580339	1.4516	47.8551
Zolpidem	Zolpidem-D6	6.902	1997895	2371538	0.8424	46.9204
Meprobamate	Meprobamate-D7	6.914	142228	110143	1.2913	46.5055
Venlafaxine	Venlafaxine-D6	7.026	2761702	1959170	1.4096	47.8104
Trazodone	Trazodone-D6	7.117	1498618	956226	1.5672	48.3100

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

TS
D
a cal 4-50ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.159	1143868	1032401	1.1080	47.6778
Dextromethorphan	Dextromethorphan-D3	7.191	518879	372305	1.3937	51.5709
Diphenhydramine	Diphenhydramine-D3	7.214	2729147	2438137	1.1194	46.0964
Promethazine	Promethazine-D3	7.409	1701235	1056118	1.6108	46.9703
Clonazepam	Clonazepam-D4	7.465	246758	34492	7.1541	55.9554
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.541	69466	61291	1.1334	48.4211
Carisoprodol	Carisoprodol-D7	7.555	549305	406013	1.3529	51.5369
Lorazepam	Clonazepam-D4	7.584	78557	34492	2.2776	51.5310
Alprazolam	Alprazolam-D5	7.608	1222072	825131	1.4811	47.3152

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

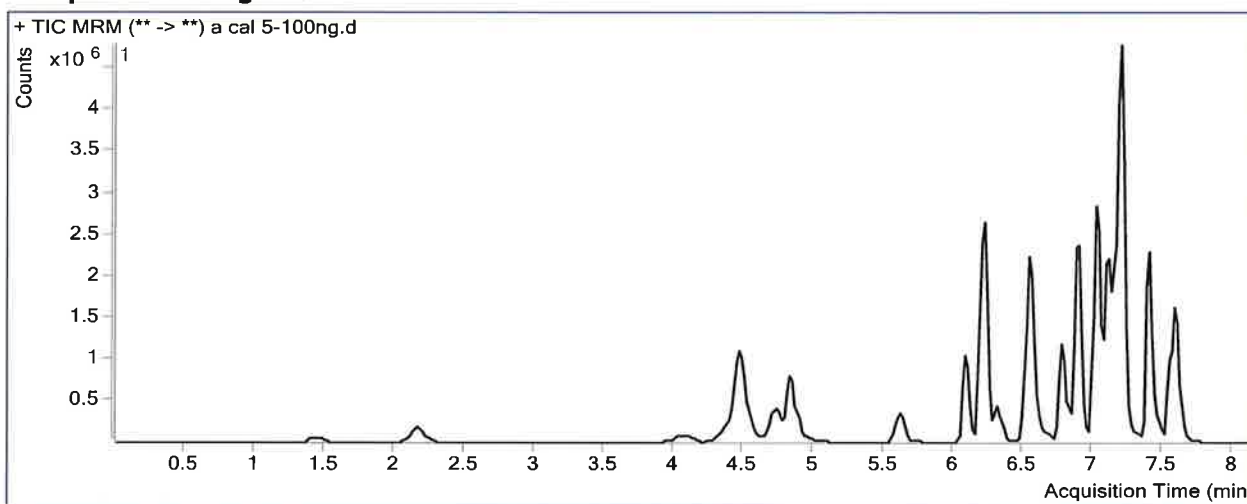
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Report Time 10/29/2018 8:12 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:04 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 15:55 **Data File** a cal 5-100ng.d
Sample Type Calibration **Sample Name** a cal 5-100ng
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-D12 **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	1.448	137933	21404	6.4443	99.8631
Hydromorphone	Hydromorphone-D6	2.189	551047	185596	2.9691	99.6662
Codeine	Codeine-D6	4.113	202908	51654	3.9282	119.8098
Oxycodone	Oxycodone-D6	4.450	1875496	634890	2.9540	100.3018
Amphetamine	Amphetamine-D11	4.504	3296744	499426	6.6011	104.1031
Hydrocodone	Hydrocodone-D6	4.735	684223	371716	1.8407	96.9749
Norhydrocodone	Norhydrocodone-D3	4.778	66886	108092	0.6188	88.6778
Methamphetamine	Methamphetamine-D11	4.841	2739511	592308	4.6251	98.8234
6-MAM	6-MAM-D6	4.949	14308	44495	0.3216	9.4529
Phentermine	Phentermine-D5	5.646	1015629	884122	1.1487	104.0924
Dextrophan	Dextrophan-D3	6.084	1152720	881102	1.3083	98.3700
7-aminoclonazepam	7-Aminoclonazepam-D4	6.216	1020014	393536	2.5919	106.5708
Tramadol	Tramadol-13C-D3	6.224	5510285	2914215	1.8908	95.4176
Metoprolol	Tramadol-13C-D3	6.322	578462	2914215	0.1985	111.9021
Doxylamine	Doxylamine-D5	6.543	3255425	2119436	1.5360	93.2399
Bupropion	Bupropion-D9	6.792	1981645	642229	3.0856	100.4775
Zolpidem	Zolpidem-D6	6.902	4436158	2606235	1.7021	93.3370
Meprobamate	Meprobamate-D7	6.914	319494	123092	2.5956	92.3255
Venlafaxine	Venlafaxine-D6	7.026	6298997	2189588	2.8768	96.3636
Trazodone	Trazodone-D6	7.117	3619238	1129755	3.2036	97.5125

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

TS
P
a cal 5-100ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.159	2770624	1221231	2.2687	96.2779
Dextromethorphan	Dextromethorphan-D3	7.191	1298720	498033	2.6077	95.4070
Diphenhydramine	Diphenhydramine-D3	7.214	6691733	2896260	2.3105	92.7170
Promethazine	Promethazine-D3	7.409	4706429	1458888	3.2260	91.9914
Clonazepam	Clonazepam-D4	7.445	508763	40756	12.4833	97.1857
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.521	147845	64119	2.3058	97.1685
Carisoprodol	Carisoprodol-D7	7.555	1018115	417701	2.4374	91.9182
Lorazepam	Clonazepam-D4	7.584	169080	40756	4.1486	93.0039
Alprazolam	Alprazolam-D5	7.608	2518632	832536	3.0253	95.3274

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

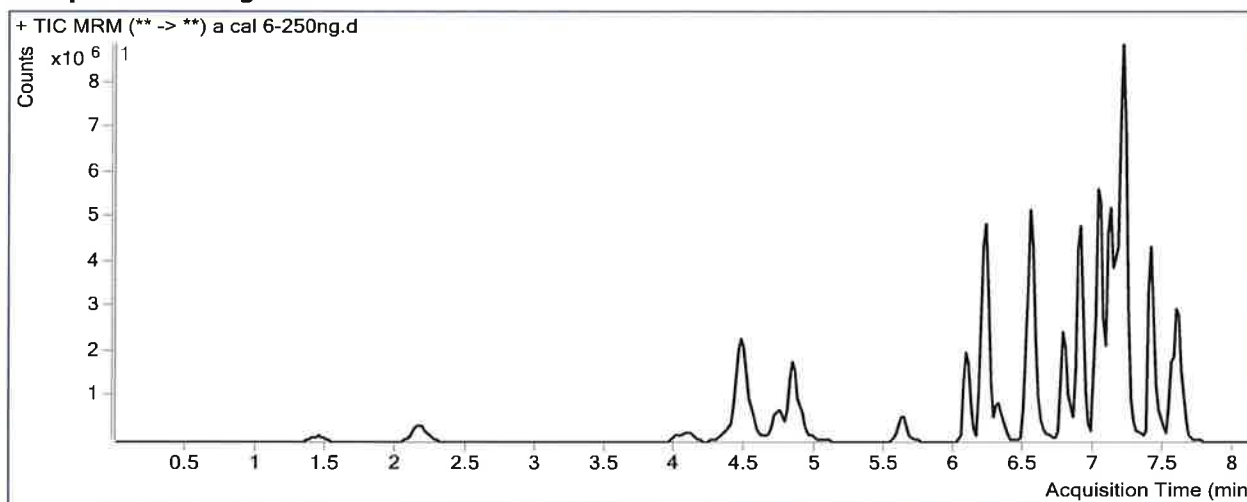
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Report Time 10/29/2018 8:12 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:04 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 16:27 **Data File** a cal 6-250ng.d
Sample Type Calibration **Sample Name** a cal 6-250ng
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-C12 **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	1.448	326398	17839	18.2967	281.9354
Hydromorphone	Hydromorphone-D6	2.169	1243140	158811	7.8278	260.6585
Codeine	Codeine-D6	4.092	476636	38951	12.2367	371.9348
Oxycodone	Oxycodone-D6	4.450	4311022	572795	7.5263	253.5677
Amphetamine	Amphetamine-D11	4.504	6836526	426008	16.0479	253.4871
Hydrocodone	Hydrocodone-D6	4.735	1613212	322918	4.9957	260.8364
Norhydrocodone	Norhydrocodone-D3	4.778	158879	90489	1.7558	226.7148
Methamphetamine	Methamphetamine-D11	4.841	6185294	504487	12.2606	260.9063
6-MAM	6-MAM-D6	4.929	38008	48612	0.7819	22.3993
Phentermine	Phentermine-D5	5.646	2130709	771260	2.7626	249.4267
Dextrophan	Dextrophan-D3	6.084	2583776	765666	3.3745	251.9139
7-aminoclonazepam	7-Aminoclonazepam-D4	6.216	2042547	316974	6.4439	263.6292
Tramadol	Tramadol-13C-D3	6.224	12615735	2488121	5.0704	254.2946
Metoprolol	Tramadol-13C-D3	6.322	1195530	2488121	0.4805	272.3713
Doxylamine	Doxylamine-D5	6.543	7519901	1942916	3.8704	231.3751
Bupropion	Bupropion-D9	6.792	4168369	517024	8.0622	260.7534
Zolpidem	Zolpidem-D6	6.902	10525223	2256617	4.6642	253.2641
Meprobamate	Meprobamate-D7	6.914	705429	92041	7.6643	270.3925
Venlafaxine	Venlafaxine-D6	7.026	15040259	1909006	7.8786	261.8886
Trazodone	Trazodone-D6	7.117	8077170	1017395	7.9391	239.9025

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

TS
P

a cal 6-250ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.159	5804662	941488	6.1654	259.4318
Dextromethorphan	Dextromethorphan-D3	7.191	2758615	411317	6.7068	243.4199
Diphenhydramine	Diphenhydramine-D3	7.214	14877786	2402011	6.1939	244.7148
Promethazine	Promethazine-D3	7.409	10427237	1226931	8.4986	238.9563
Clonazepam	Clonazepam-D4	7.465	1070803	32429	33.0204	256.0767
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.521	332649	50167	6.6309	277.0008
Carisoprodol	Carisoprodol-D7	7.555	2065764	322161	6.4122	239.9182
Lorazepam	Clonazepam-D4	7.584	396191	32429	12.2174	271.8491
Alprazolam	Alprazolam-D5	7.608	5255211	652336	8.0560	251.7440

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

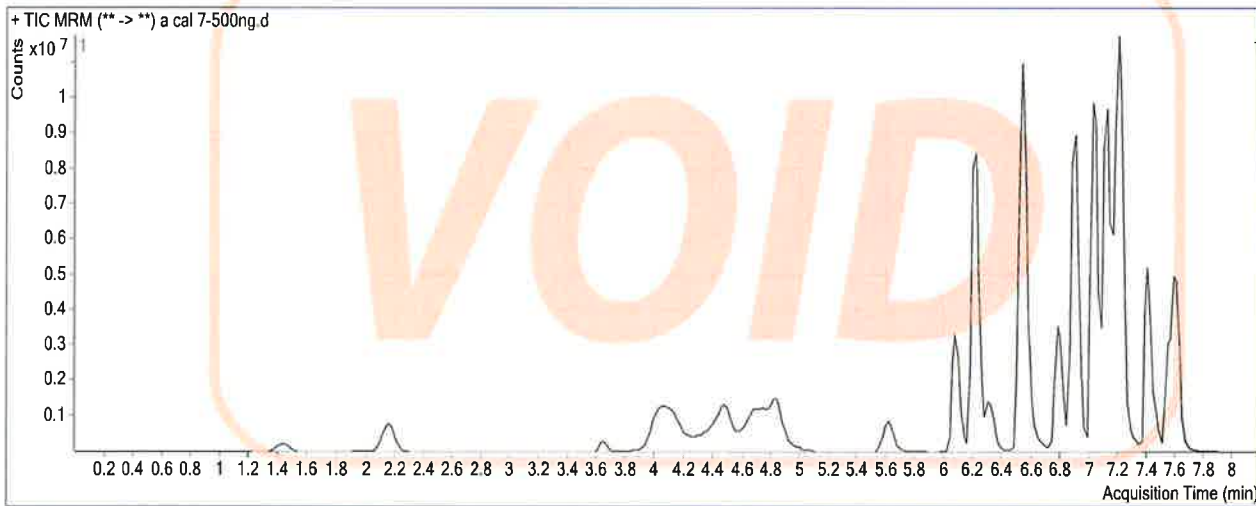
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Report Time 10/29/2018 8:39 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:36 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 16:58 **Data File** a cal 7-500ng.d
Sample Type Calibration **Sample Name** a cal 7-500ng
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-B12 **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	1.448	626802	17684	35.4443	579.8479
Hydromorphone	Hydromorphone-D6	2.149	2406165	148061	16.2511	533.9233
Codeine	Codeine-D6	4.113	80194	6294	12.7405	412.7004
Oxycodone	Oxycodone-D6	4.450	1345761	128145	10.5019	373.1125
Amphetamine	Amphetamine-D11	4.484	6954869	67116	103.6244	1113.1074
Hydrocodone	Hydrocodone-D6	4.735	1186414	118698	9.9952	482.7337
Norhydrocodone	Norhydrocodone-D3	4.778	158433	38084	4.1601	515.3308
Methamphetamine	Methamphetamine-D11	4.841	12024373	446603	26.9241	524.5688
6-MAM	6-MAM-D6	4.909	79371	46759	1.6975	49.1049
Phentermine	Phentermine-D5	5.626	3844045	679531	5.6569	471.6142
Dextrorphan	Dextrorphan-D3	6.084	4596572	663972	6.9228	514.6068
7-aminoclonazepam	7-Aminoclonazepam-D4	6.216	3381591	272983	12.3875	504.7113
Tramadol	Tramadol-13C-D3	6.224	24719961	2310264	10.7001	513.7424
Metoprolol	Tramadol-13C-D3	6.322	2023918	2310264	0.8761	490.6103
Doxylamine	Doxylamine-D5	6.543	15600819	1873672	8.3263	521.9530
Bupropion	Bupropion-D9	6.792	6014181	384927	15.6242	567.2212
Zolpidem	Zolpidem-D6	6.902	22231147	2182766	10.1849	570.0080
Meprobamate	Meprobamate-D7	6.914	1283277	80935	15.8557	574.3481
Venlafaxine	Venlafaxine-D6	7.026	28051071	1649187	17.0090	588.5577
Trazodone	Trazodone-D6	7.117	14103136	896305	15.7347	506.4055

*Calibrator failed to inject properly. Calibrator was reinserted. - TS

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

TS
D

a cal 7-500ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.159	8156072	633625	12.8721	573.1298
Dextromethorphan	Dextromethorphan-D3	7.191	3772606	278039	13.5686	542.5887
Diphenhydramine	Diphenhydramine-D3	7.234	21622294	1709052	12.6516	534.9381
Promethazine	Promethazine-D3	7.409	13141258	744909	17.6414	541.7418
Clonazepam	Clonazepam-D4	7.465	1906247	28412	67.0937	554.1107
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.521	699399	55098	12.6937	576.4534
Carisoprodol	Carisoprodol-D7	7.555	3681967	270109	13.6314	536.8005
Lorazepam	Clonazepam-D4	7.584	820736	28412	28.8873	664.6045
Alprazolam	Alprazolam-D5	7.608	9502434	546379	17.3916	567.4493

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

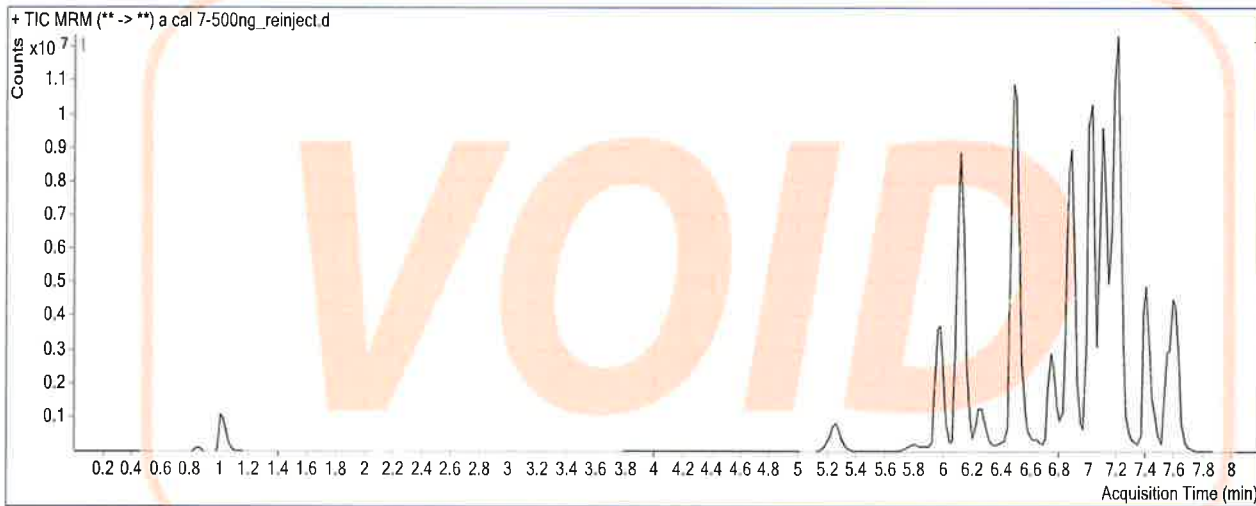
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Report Time 10/29/2018 8:39 AM **Reporter Name** ISPUser
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Analysis Info

Acq Time 2018-10-25 20:12 **Data File** a cal 7-500ng_reinject.d
Sample Type Calibration **Sample Name** a cal 7-500ng_reinject
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-B12 **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	1.008	180846	21868	8.2700	135.6719
Dextrophan	Dextrophan-D3	5.982	4870151	713422	6.8265	507.4595
7-aminoclonazepam	7-Aminoclonazepam-D4	6.094	3501279	279840	12.5117	509.7608
Tramadol	Tramadol-13C-D3	6.120	26011353	2213348	11.7520	564.1264
Metoprolol	Tramadol-13C-D3	6.262	2073347	2213348	0.9367	524.6593
Doxylamine	Doxylamine-D5	6.483	16768048	4105913	4.0839	257.1736
Bupropion	Bupropion-D9	6.751	5062483	1206693	4.1953	152.5581
Zolpidem	Zolpidem-D6	6.882	22313105	4765168	4.6825	262.7761
Meprobamate	Meprobamate-D7	6.874	1290660	213002	6.0594	220.0920
Venlafaxine	Venlafaxine-D6	7.026	28458990	3873616	7.3469	254.7664
Trazodone	Trazodone-D6	7.097	15013735	1902394	7.8920	254.3891
Citalopram	Citalopram-D6	7.159	7906925	1908854	4.1422	185.0986
Dextromethorphan	Dextromethorphan-D3	7.191	3439516	816170	4.2142	168.8117
Diphenhydramine	Diphenhydramine-D3	7.214	21124538	4504016	4.6902	199.6109
Promethazine	Promethazine-D3	7.409	10769178	2827207	3.8091	118.3052
Clonazepam	Clonazepam-D4	7.465	1798464	61631	29.1809	241.1109
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.521	626489	105750	5.9243	269.4964
Carisoprodol	Carisoprodol-D7	7.555	3306054	530871	6.2276	245.6899
Lorazepam	Clonazepam-D4	7.584	718797	61631	11.6628	268.8349
Alprazolam	Alprazolam-D5	7.608	8235626	1035825	7.9508	259.9840

*Calibrator reinjection failed to inject properly. Calibrator was reinjected again. -TS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

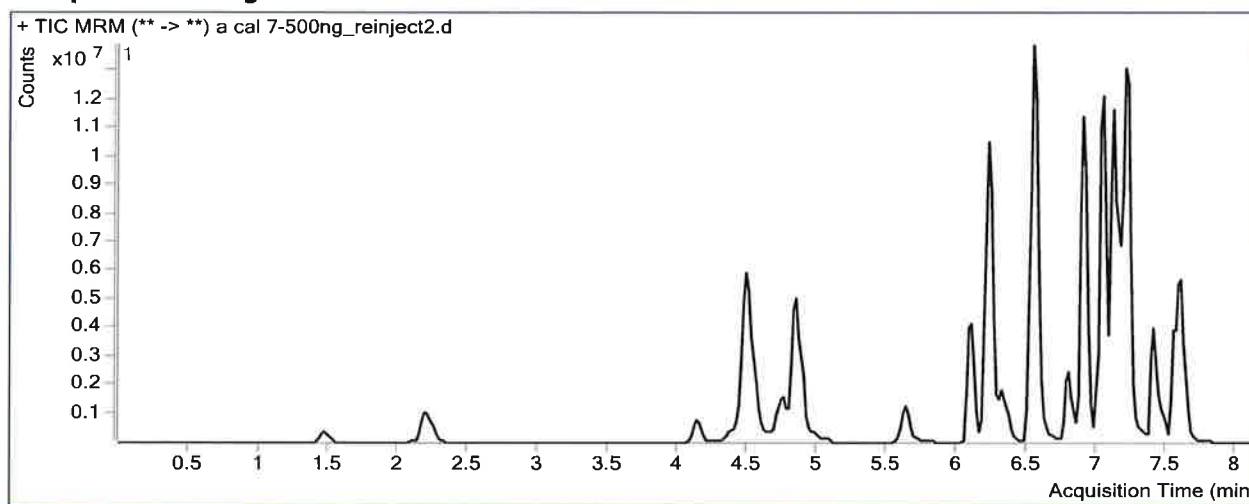
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Report Time 10/29/2018 8:14 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:04 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-26 04:19 **Data File** a cal 7-500ng_reinject2.d
Sample Type Calibration **Sample Name** a cal 7-500ng_reinject2
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-B12 **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	1.468	787535	25284	31.1476	479.3450
Hydromorphone	Hydromorphone-D6	2.209	2873104	187152	15.3517	509.9616
Codeine	Codeine-D6	4.133	995927	81285	12.2523	372.4077
Oxycodone	Oxycodone-D6	4.470	11267574	697205	16.1611	543.0126
Amphetamine	Amphetamine-D11	4.523	15104419	543734	27.7790	438.9947
Hydrocodone	Hydrocodone-D6	4.755	3821260	403961	9.4595	492.6679
Norhydrocodone	Norhydrocodone-D3	4.798	382725	92657	4.1306	515.0265
Methamphetamine	Methamphetamine-D11	4.861	17316168	716622	24.1636	513.5814
6-MAM	6-MAM-D6	4.969	76910	41187	1.8673	52.9297
Phentermine	Phentermine-D5	5.646	5061846	948459	5.3369	481.2461
Dextropropranolol	Dextropropranolol-D3	6.102	5837084	851344	6.8563	510.6422
7-aminoclonazepam	7-Aminoclonazepam-D4	6.216	3899884	309898	12.5844	514.0010
Tramadol	Tramadol-13C-D3	6.224	31431577	2861311	10.9850	549.8391
Metoprolol	Tramadol-13C-D3	6.322	2572019	2861311	0.8989	510.4587
Doxylamine	Doxylamine-D5	6.543	20402532	2405038	8.4832	504.3295
Bupropion	Bupropion-D9	6.812	4572673	274531	16.6563	537.5312
Zolpidem	Zolpidem-D6	6.902	27799255	2738076	10.1528	549.6117
Meprobamate	Meprobamate-D7	6.914	1728325	118073	14.6378	515.3771
Venlafaxine	Venlafaxine-D6	7.046	34750080	2164414	16.0552	532.4786
Trazodone	Trazodone-D6	7.117	17286991	943942	18.3136	551.8506

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

TS 
a cal 7-500ng-reinject2

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.159	8924290	715011	12.4813	523.8782
Dextromethorphan	Dextromethorphan-D3	7.211	3855923	280473	13.7479	497.6659
Diphenhydramine	Diphenhydramine-D3	7.234	26227639	1999441	13.1175	515.7062
Promethazine	Promethazine-D3	7.409	9993723	557891	17.9134	501.3774
Clonazepam	Clonazepam-D4	7.465	2282165	37611	60.6776	470.0537
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.541	872164	69046	12.6317	526.5068
Carisoprodol	Carisoprodol-D7	7.555	4809616	338754	14.1980	529.8194
Lorazepam	Clonazepam-D4	7.584	957249	37611	25.4511	565.1783
Alprazolam	Alprazolam-D5	7.608	10857875	649289	16.7227	521.2112

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

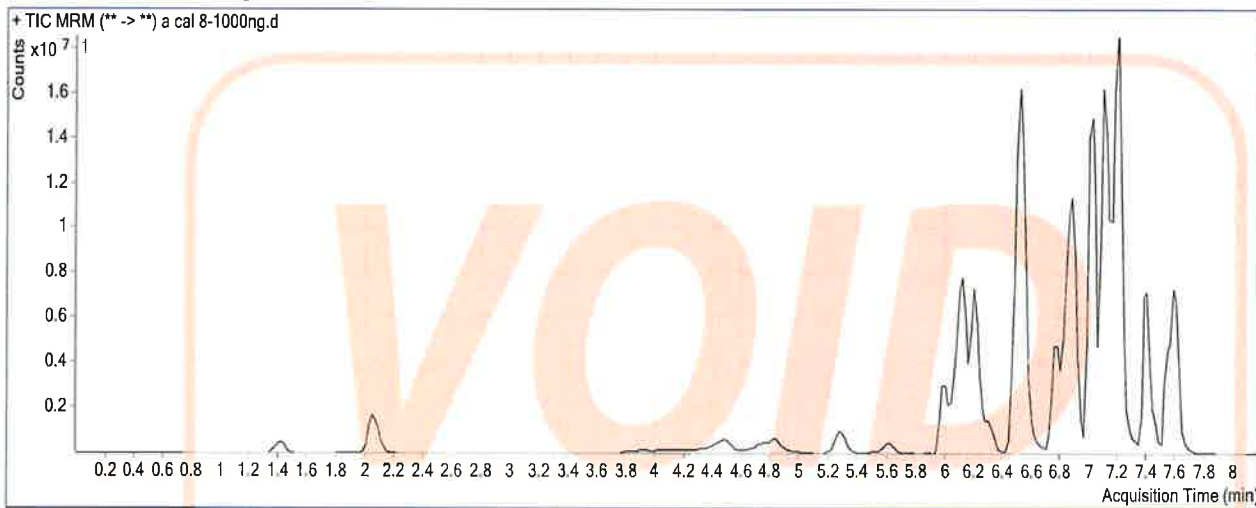
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Analysis Time 10/29/2018 8:36 AM **Analyst Name** ISPUser
Report Time 10/29/2018 8:38 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:36 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 17:30 **Data File** a cal 8-1000ng.d
Sample Type Calibration **Sample Name** a cal 8-1000ng
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-A12 **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	1.408	1126540	14843	75.8953	1241.0363
Hydromorphone	Hydromorphone-D6	2.049	4067001	123663	32.8878	1079.0348
Codeine	Codeine-D6	4.113	49754	1667	29.8403	966.1675
Oxycodone	Oxycodone-D6	4.450	1202484	30165	39.8631	1413.5046
Amphetamine	Amphetamine-D11	4.504	1766942	16206	109.0281	1171.0539
Hydrocodone	Hydrocodone-D6	4.735	733206	30576	23.9798	1154.1214
Norhydrocodone	Norhydrocodone-D3	4.758	94827	11640	8.1468	997.4392
Methamphetamine	Methamphetamine-D11	4.841	3704952	47457	78.0702	1518.5645
6-MAM	6-MAM-D6	4.929	22403	6772	3.3084	95.3208
Phentermine	Phentermine-D5	5.626	2985472	162993	18.3165	1524.3381
Dextrorphan	Dextrorphan-D3	6.064	9269935	664410	13.9521	1035.8696
7-aminoclonazepam	7-Aminoclonazepam-D4	6.196	4508319	185206	24.3422	990.8372
Tramadol	Tramadol-13C-D3	6.120	45513726	1911362	23.8122	1141.7393
Metoprolol	Tramadol-13C-D3	6.302	3445945	1911362	1.8029	1010.5644
Doxylamine	Doxylamine-D5	6.523	31143399	1743307	17.8645	1117.2506
Bupropion	Bupropion-D9	6.792	9887074	256899	38.4862	1396.7026
Zolpidem	Zolpidem-D6	6.882	39678062	1821371	21.7847	1217.7097
Meprobamate	Meprobamate-D7	6.894	2104903	60902	34.5619	1250.8097
Venlafaxine	Venlafaxine-D6	7.026	47624141	1458401	32.6550	1129.0687
Trazodone	Trazodone-D6	7.097	25535682	738412	34.5819	1112.0356

*calibrator failed to inject properly. Calibrator was re injected. - TS

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

TS
D
a cal 8-1000ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.159	11602554	431931	26.8621	1194.9675
Dextromethorphan	Dextromethorphan-D3	7.191	7656383	280883	27.2582	1089.5900
Diphenhydramine	Diphenhydramine-D3	7.214	37115978	1395534	26.5963	1122.2682
Promethazine	Promethazine-D3	7.409	19161127	508575	37.6761	1155.0451
Clonazepam	Clonazepam-D4	7.445	2425727	18679	129.8636	1072.3258
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.521	1110571	41010	27.0806	1228.8194
Carisoprodol	Carisoprodol-D7	7.555	5436823	189960	28.6209	1126.1742
Lorazepam	Clonazepam-D4	7.564	1282248	18679	68.6463	1578.1577
Alprazolam	Alprazolam-D5	7.608	14392411	411368	34.9867	1140.4783

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TS
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ISP FORENSICS - Pocatello Instrument # 59740

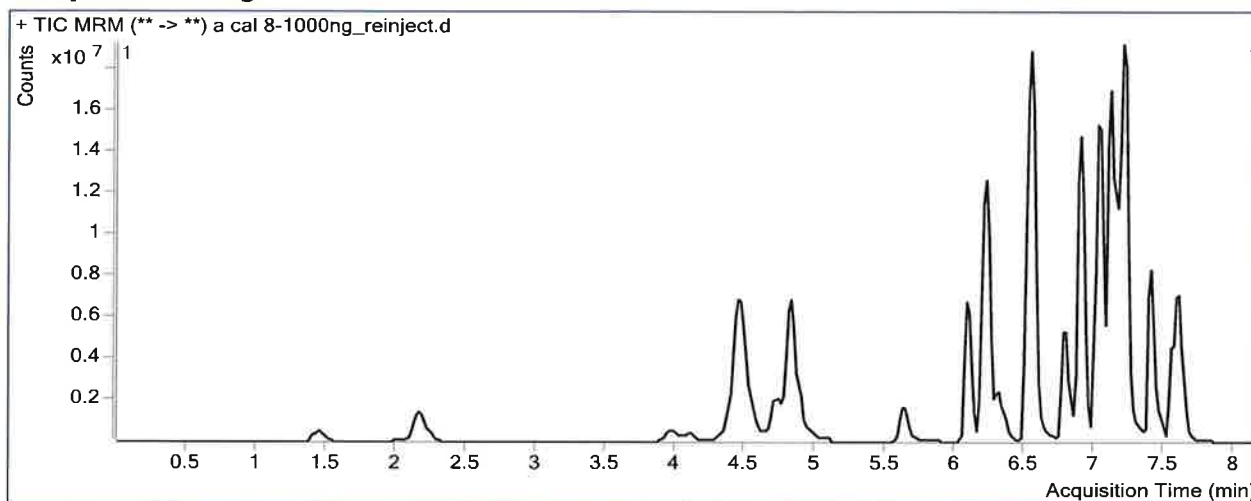
Multi-Drug Confirmatory Analysis Report

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Report Time 10/29/2018 8:12 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:04 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 20:28 **Data File** a cal 8-1000ng_reinject.d
Sample Type Calibration **Sample Name** a cal 8-1000ng_reinject
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-A12 **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	1.448	1228975	18301	67.1530	1032.4464
Hydromorphone	Hydromorphone-D6	2.169	4533131	139784	32.4296	1075.8308
Codeine	Codeine-D6	4.113	692952	21908	31.6305	960.4465
Oxycodone	Oxycodone-D6	4.450	17500496	514774	33.9965	1140.8714
Amphetamine	Amphetamine-D11	4.484	20947443	439184	47.6963	753.9506
Hydrocodone	Hydrocodone-D6	4.735	5732686	297623	19.2616	1001.7565
Norhydrocodone	Norhydrocodone-D3	4.778	510161	61801	8.2549	1015.7508
Methamphetamine	Methamphetamine-D11	4.841	26852706	553953	48.4747	1029.6512
6-MAM	6-MAM-D6	4.949	139911	33970	4.1187	116.2526
Phentermine	Phentermine-D5	5.646	7926061	719789	11.0116	992.2674
Dextrorphan	Dextrorphan-D3	6.084	9467500	672835	14.0711	1046.7654
7-aminoclonazepam	7-Aminoclonazepam-D4	6.216	4661967	196752	23.6947	967.0061
Tramadol	Tramadol-13C-D3	6.224	42656120	2063898	20.6677	1033.6681
Metoprolol	Tramadol-13C-D3	6.322	3455381	2063898	1.6742	951.6407
Doxylamine	Doxylamine-D5	6.543	32220690	1862847	17.2965	1025.8340
Bupropion	Bupropion-D9	6.812	10619293	265683	39.9698	1288.3537
Zolpidem	Zolpidem-D6	6.902	39475644	1896032	20.8201	1125.5653
Meprobamate	Meprobamate-D7	6.914	2196415	67084	32.7413	1151.3644
Venlafaxine	Venlafaxine-D6	7.026	49376454	1556795	31.7167	1050.7686
Trazodone	Trazodone-D6	7.117	25800314	726982	35.4896	1068.3092

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

TS
D

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.159	13383502	505530	26.4742	1109.7560
Dextromethorphan	Dextromethorphan-D3	7.191	7905327	282174	28.0158	1012.8611
Diphenhydramine	Diphenhydramine-D3	7.234	40403401	1582232	25.5357	1001.7587
Promethazine	Promethazine-D3	7.409	21984269	601126	36.5718	1021.4501
Clonazepam	Clonazepam-D4	7.465	2603134	18760	138.7628	1074.1799
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.541	1146889	37769	30.3661	1263.8861
Carisoprodol	Carisoprodol-D7	7.555	5241408	190224	27.5539	1027.1263
Lorazepam	Clonazepam-D4	7.584	1361763	18760	72.5902	1610.0290
Alprazolam	Alprazolam-D5	7.608	14439750	391858	36.8494	1146.9945

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

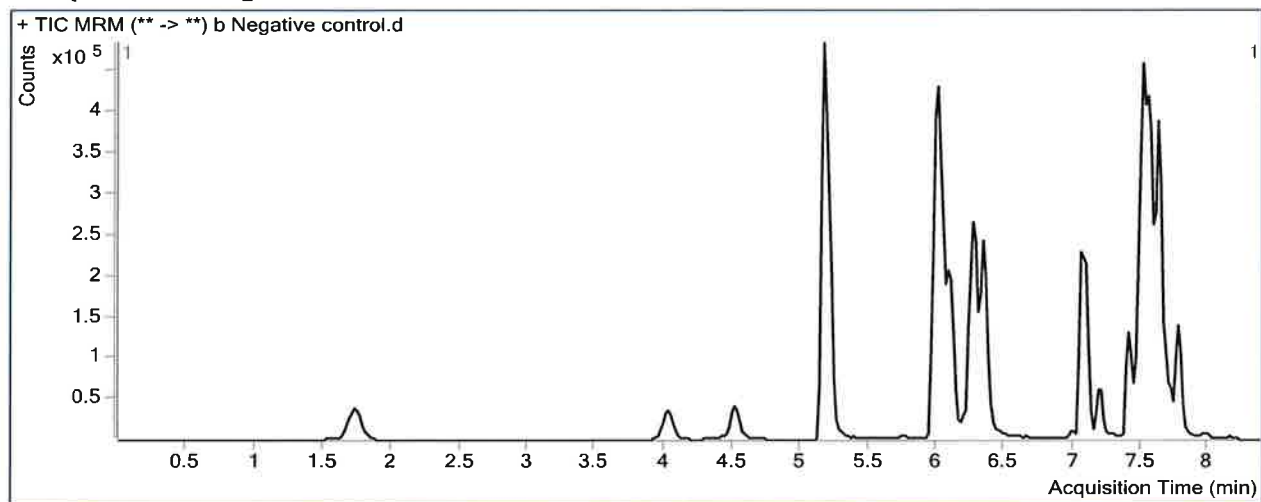
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P

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Report Time 10/29/2018 8:25 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:21 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 19:21 **Data File** b Negative control.d
Sample Type Sample **Sample Name** b Negative control
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-D11 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



TS TS

ISP FORENSICS - Pocatello Instrument # 59740

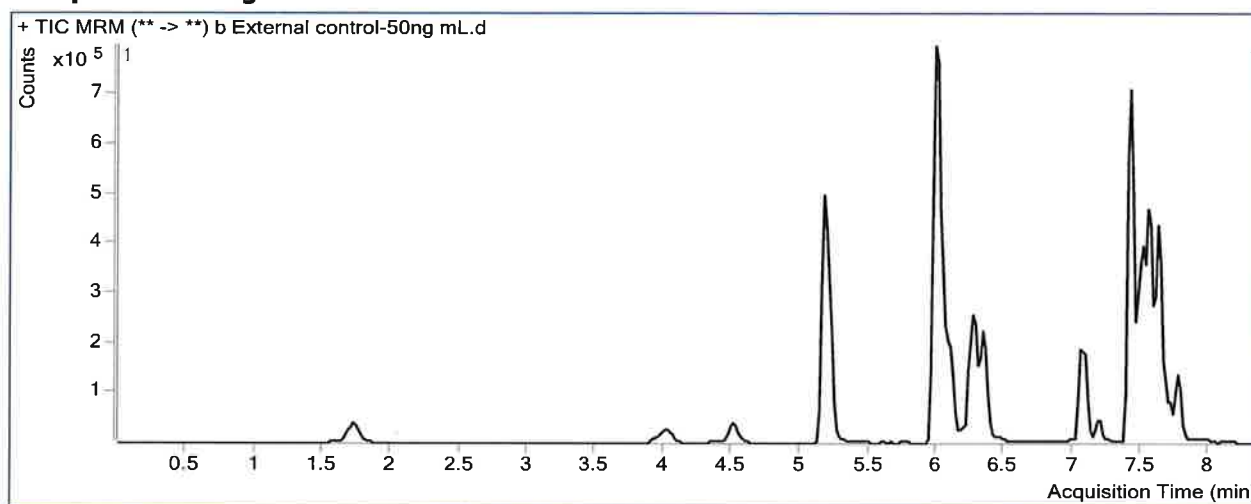
Multi-Drug Confirmatory Analysis Report

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Report Time 10/29/2018 8:25 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:21 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 19:53 **Data File** b External control-50ng mL.d
Sample Type Sample **Sample Name** b External control-50ng mL
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-C11 **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	6.002	1321722	855624	1.5447	<u>58.2719</u>
<u>Quetiapine</u>	Quetiapine-D8	7.418	1499442	381242	3.9330	<u>42.3156</u>

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

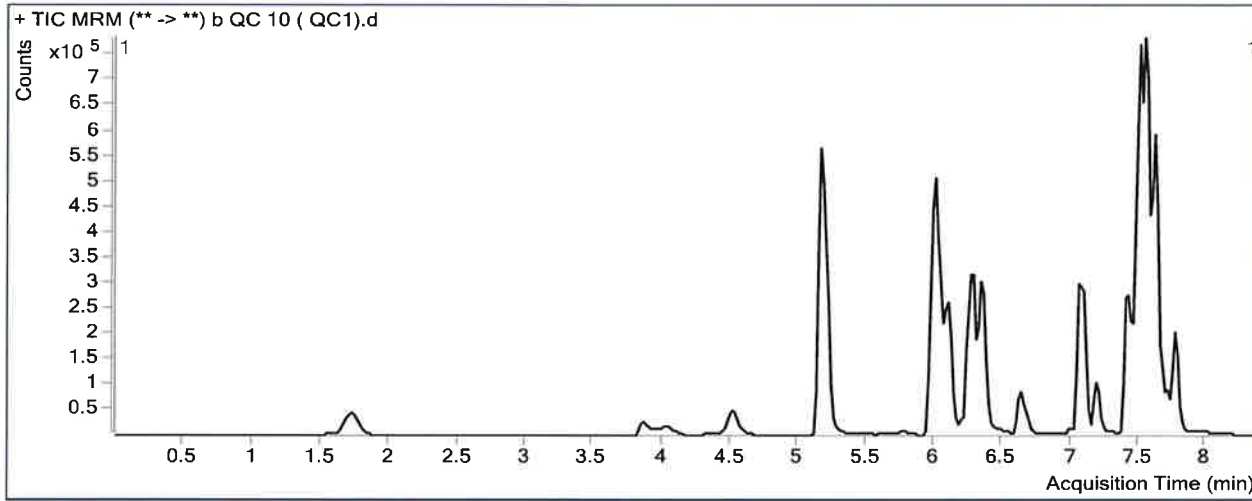
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Report Time 10/29/2018 2:58 PM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 2:55 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 21:31 **Data File** b QC 10 (QC1).d
Sample Type QC **Sample Name** b QC 10 (QC1)
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-H11 **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	1.728	63370	288108	0.2200	9.4375
Dihydrocodeine	Dihydrocodeine-D6	4.071	17105	88251	0.1938	3.5137 <i>Not evaluated. TS</i>
Noroxycodone	Noroxycodone-D3	4.533	58723	232355	0.2527	10.1387
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.201	392453	1937196	0.2026	9.7743
Benzoylcegonine	Benzoylcegonine-d8	5.791	4005	18140	0.2208	77.8151 <i>Not evaluated. TS</i>
Ketamine	Ketamine-D4	6.002	216622	866885	0.2499	10.2683
Norfentanyl	Norfentanyl-D5	6.064	24063	1278530	0.0188	1.5096 <i>outside curve range. TS</i>
Cocaine	Cocaine-d3	6.252	76001	1041543	0.0730	10.7069
alpha-PVP	alpha-PVP-d8	6.368	151549	883484	0.1715	9.7432
Mirtazapine	alpha-PVP-d8	6.644	190381	883484	0.2155	9.8302
Norbuprenorphine	Norbuprenorphine-D3	6.994	557	35947	0.0155	1.4356 <i>outside curve range. TS</i>
Fentanyl	Fentanyl-D5	7.059	12292	1082547	0.0114	0.8862
Mitragynine	EDDP-D3	7.156	66872	202469	0.3303	9.1138
EDDP	EDDP-D3	7.188	34598	202469	0.1709	8.8747
Quetiapine	Quetiapine-D8	7.418	410675	461048	0.8907	9.5441
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	105092	410940	0.2557	10.6758
Methadone	Methadone-D9	7.502	446214	1645252	0.2712	9.3446
Fluoxetine	Fluoxetine-D6	7.562	398220	1593718	0.2499	10.9627
Oxazepam	Oxazepam-D5	7.588	13113	75511	0.1737	10.1882

TS D

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b GC10 (QC1)*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.625	115228	668161	0.1725	9.8928
Buprenorphine	Buprenorphine-D4	7.637	11588	317846	0.0365	1.5665
Temazepam	Temazepam-D5	7.647	112748	611392	0.1844	10.6486
Nordiazepam	Nordiazepam-D5	7.715	45985	130534	0.3523	10.2684
Diazepam	Diazepam-D5	7.771	86284	365895	0.2358	11.1598

out of curve range. TS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

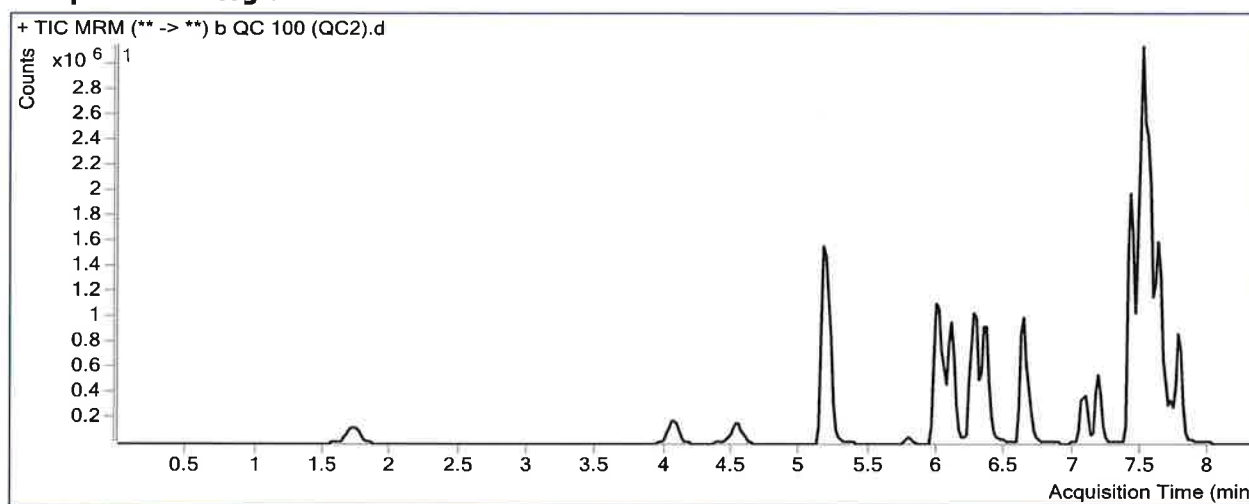
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Report Time 10/29/2018 2:58 PM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 2:55 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 23:52 **Data File** b QC 100 (QC2).d
Sample Type QC **Sample Name** b QC 100 (QC2)
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-G11 **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	1.748	699594	258979	2.7014	92.0137
Dihydrocodeine	Dihydrocodeine-D6	4.071	446736	211698	2.1103	92.2291 <i>Not evaluated. TS</i>
Noroxycodone	Noroxycodone-D3	4.553	645569	215909	2.9900	93.6016
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.201	4408785	1981980	2.2244	97.8073
Benzoylcegonine	Benzoylcegonine-d8	5.791	55351	19336	2.8626	138.5350 <i>Not evaluated. D</i>
Ketamine	Ketamine-D4	6.002	2303907	866367	2.6593	99.5900
Norfentanyl	Norfentanyl-D5	6.064	276200	1302595	0.2120	9.5392
Cocaine	Cocaine-d3	6.252	860201	1071824	0.8026	93.3568
alpha-PVP	alpha-PVP-d8	6.368	1661336	893860	1.8586	94.7717
Mirtazapine	alpha-PVP-d8	6.644	2184464	893860	2.4439	98.8691
Norbuprenorphine	Norbuprenorphine-D3	7.015	5577	36315	0.1536	8.1732
Fentanyl	Fentanyl-D5	7.079	165445	1093143	0.1513	8.9899
Mitragynine	EDDP-D3	7.176	816786	206529	3.9548	93.6253
EDDP	EDDP-D3	7.188	448242	206529	2.1704	93.2286
Quetiapine	Quetiapine-D8	7.418	4523749	474085	9.5421	102.7355
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	1232080	425662	2.8945	100.6296
Methadone	Methadone-D9	7.502	5567341	1741675	3.1965	102.3018
Fluoxetine	Fluoxetine-D6	7.562	3949107	1528446	2.5837	97.6608
Oxazepam	Oxazepam-D5	7.588	127447	68567	1.8587	95.5567

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

TS JS

b QC 100 (QC2)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.625	1122809	605843	1.8533	91.6637
Buprenorphine	Buprenorphine-D4	7.637	129051	310743	0.4153	9.8929
Temazepam	Temazepam-D5	7.647	1248383	619247	2.0160	89.6677
Nordiazepam	Nordiazepam-D5	7.715	534080	131995	4.0462	92.5500
Diazepam	Diazepam-D5	7.771	930485	375632	2.4771	93.2270

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

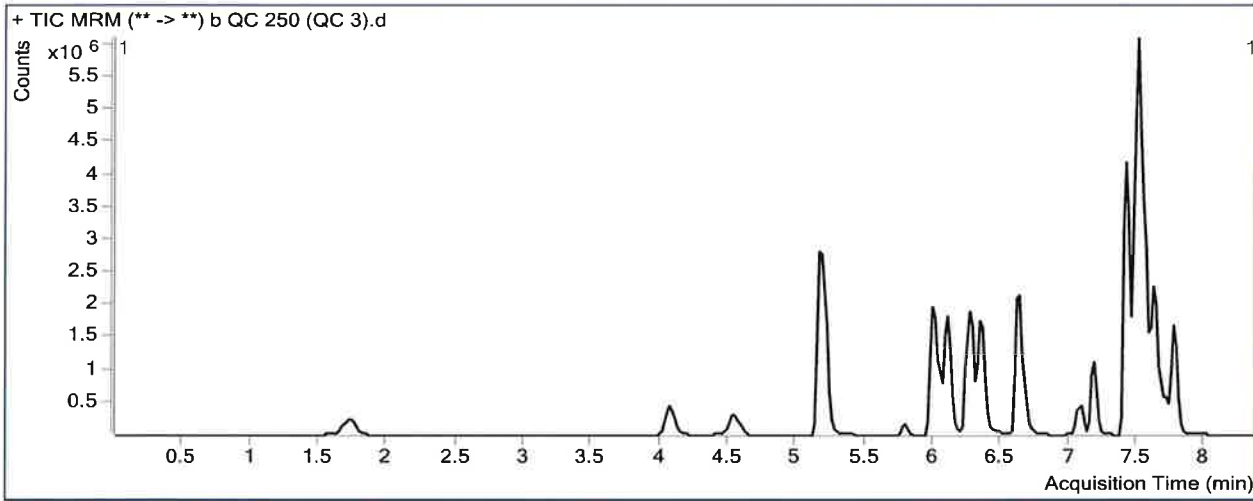
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Analysis Time 10/29/2018 2:56 PM **Analyst Name** ISPUser
Report Time 10/29/2018 2:58 PM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 2:55 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-26 03:16 **Data File** b QC 250 (QC 3).d
Sample Type QC **Sample Name** b QC 250 (QC 3)
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-F11 **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	1.728	1484771	211597	7.0170	235.6293
Dihydrocodeine	Dihydrocodeine-D6	4.071	1012917	185150	5.4708	247.7950 <i>Not evaluated TS</i>
Noroxycodone	Noroxycodone-D3	4.553	1365479	168285	8.1141	249.8413
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.201	9986371	1706136	5.8532	255.8074
Benzoylcegonine	Benzoylcegonine-d8	5.791	184452	14852	12.4190	358.1787 <i>Not evaluated TS</i>
Ketamine	Ketamine-D4	6.002	5279815	750491	7.0351	261.8138
Norfentanyl	Norfentanyl-D5	6.064	626579	1116621	0.5611	24.0470
Cocaine	Cocaine-d3	6.252	1825062	867025	2.1050	240.8978
alpha-PVP	alpha-PVP-d8	6.368	3639981	757492	4.8053	243.2853
Mirtazapine	alpha-PVP-d8	6.644	4847498	757492	6.3994	256.9212
Norbuprenorphine	Norbuprenorphine-D3	6.994	12867	34764	0.3701	18.7415
Fentanyl	Fentanyl-D5	7.079	380358	931746	0.4082	23.8593
Mitragynine	EDDP-D3	7.156	1772778	180467	9.8233	230.4575
EDDP	EDDP-D3	7.188	1055638	180467	5.8495	248.4437
Quetiapine	Quetiapine-D8	7.418	9876751	396895	24.8851	268.0092
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	2278412	301402	7.5594	259.6523
Methadone	Methadone-D9	7.502	12357232	1412021	8.7514	278.8180
Fluoxetine	Fluoxetine-D6	7.562	6299935	947651	6.6479	248.6368
Oxazepam	Oxazepam-D5	7.588	282995	56783	4.9838	253.8767

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

TS P

b QC 250(QC3)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.625	1698362	350310	4.8482	237.3603
Buprenorphine	Buprenorphine-D4	7.637	279143	243878	1.1446	25.9220
Temazepam	Temazepam-D5	7.647	2522887	476310	5.2967	231.2103
Nordiazepam	Nordiazepam-D5	7.715	1061192	102203	10.3832	233.7051
Diazepam	Diazepam-D5	7.771	2031481	304645	6.6684	246.6927

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

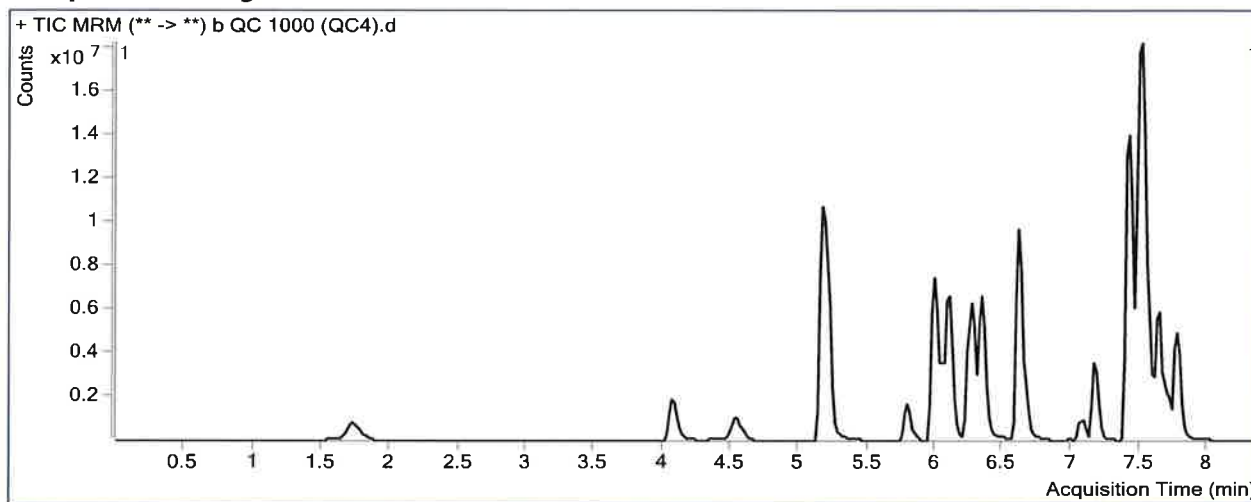
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Report Time 10/29/2018 2:59 PM **Reporter Name** ISUser
Last Calib Update 10/29/2018 2:55 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-26 06:26 **Data File** b QC 1000 (QC4).d
Sample Type QC **Sample Name** b QC 1000 (QC4)
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-E11 **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	1.728	5254822	185754	28.2891	943.5243
Dihydrocodeine	Dihydrocodeine-D6	4.071	3949678	203892	19.3715	891.2857 <i>Not evaluated. B</i>
Noroxycodone	Noroxycodone-D3	4.553	4906144	149523	32.8120	1002.9129
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.181	44549193	1714918	25.9774	1132.0347
Benzylecgonine	Benzylecgonine-d8	5.791	1943944	17722	109.6891	2593.8356 <i>Not evaluated. D</i>
Ketamine	Ketamine-D4	6.002	22451931	802966	27.9612	1037.5934
Norfentanyl	Norfentanyl-D5	6.044	2442696	999523	2.4439	102.2885
Cocaine	Cocaine-d3	6.252	6389467	729423	8.7596	994.7559
alpha-PVP	alpha-PVP-d8	6.348	15185610	729808	20.8077	1049.8056
Mirtazapine	alpha-PVP-d8	6.624	21079000	729808	28.8830	1155.2972
Norbuprenorphine	Norbuprenorphine-D3	6.994	44495	21163	2.1024	103.2768
Fentanyl	Fentanyl-D5	7.079	1375586	724912	1.8976	110.0734
Mitragynine	EDDP-D3	7.156	4981142	177577	28.0506	655.4531 <i>outside curve range. B</i>
EDDP	EDDP-D3	7.188	4540122	177577	25.5670	1080.2867
Quetiapine	Quetiapine-D8	7.418	35552459	373781	95.1158	1024.5299
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	5964969	196883	30.2970	1034.7644
Methadone	Methadone-D9	7.502	41811250	1225162	34.1271	1085.1723
Fluoxetine	Fluoxetine-D6	7.542	13447242	473667	28.3897	1056.2925
Oxazepam	Oxazepam-D5	7.588	1255312	59581	21.0691	1068.7834

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

TS ↑

b QC 1000 (QC4)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.604	2757154	143104	19.2668	938.8088
Buprenorphine	Buprenorphine-D4	7.637	687775	118528	5.8026	128.2995
Temazepam	Temazepam-D5	7.647	10279653	448042	22.9435	992.5473
Nordiazepam	Nordiazepam-D5	7.715	3564572	86335	41.2877	922.0961
Diazepam	Diazepam-D5	7.771	7118029	259457	27.4344	1007.0578

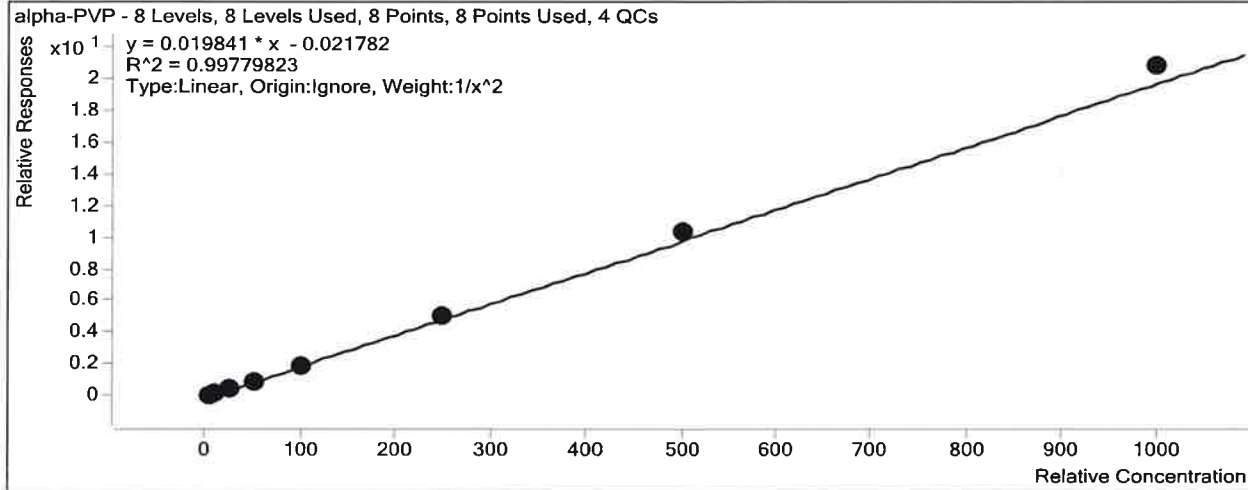
ISP Forensics Calibration Curve Report

B
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.9
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.7	97.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.4	94.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.7	98.7
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	94.8	94.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.8	101.5
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	243.3	97.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	521.8	104.4
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1051.0	105.1
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1049.8	105.0

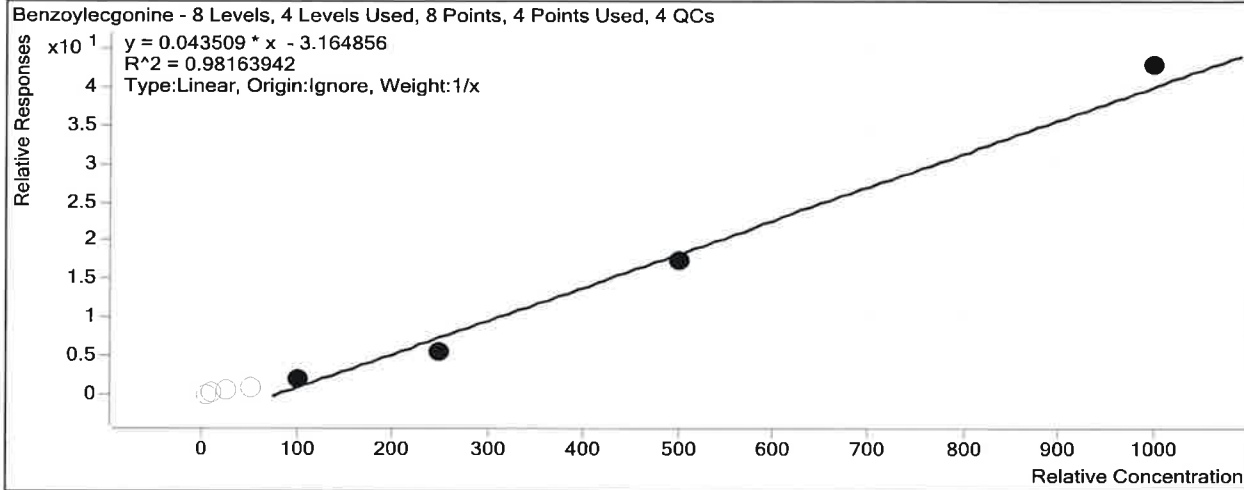
ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	5	74.1	1482.7
b cal 2-10ng	2	<input type="checkbox"/>	10	76.1	760.8
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	77.8	778.2
b cal 3-25ng	3	<input type="checkbox"/>	25	81.8	327.3
b cal 4-50ng	4	<input type="checkbox"/>	50	92.1	184.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	118.7	118.7
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	138.5	138.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	203.9	81.6
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	358.2	143.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	470.3	94.1
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1057.1	105.7
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	2593.8	259.4

* Compound not evaluated. -TS

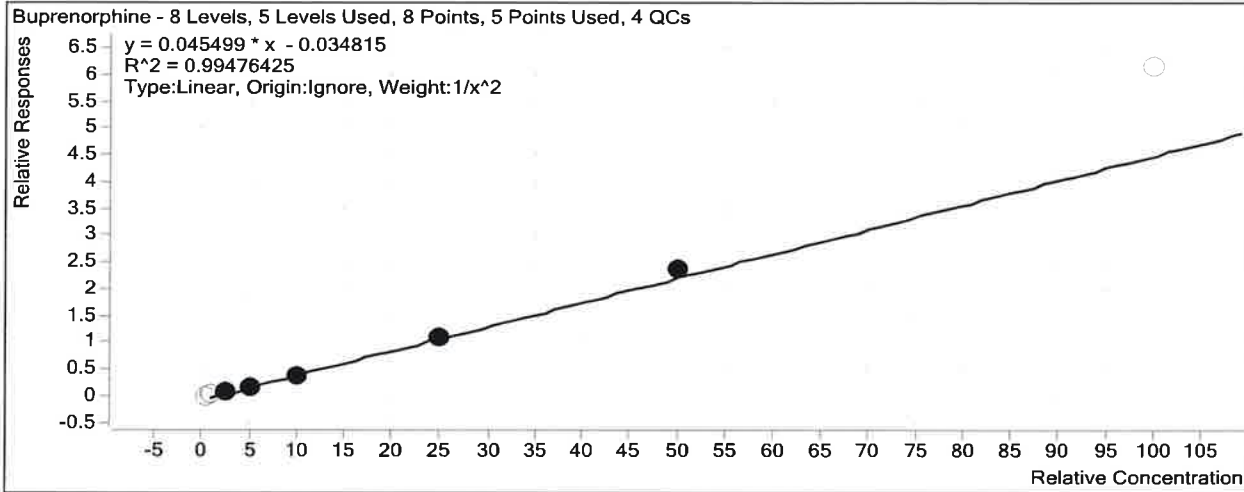
ISP Forensics Calibration Curve Report

TS
D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	1.2	234.1
b cal 2-10ng	2	<input type="checkbox"/>	1	1.5	149.7
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	1	1.6	156.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.6	103.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	93.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.6	96.5
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	9.9	98.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.8	99.2
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	25.9	103.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	53.5	107.0
b cal 8-1000ng_reinject	8	<input type="checkbox"/>	100	135.8	135.8
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	128.3	128.3

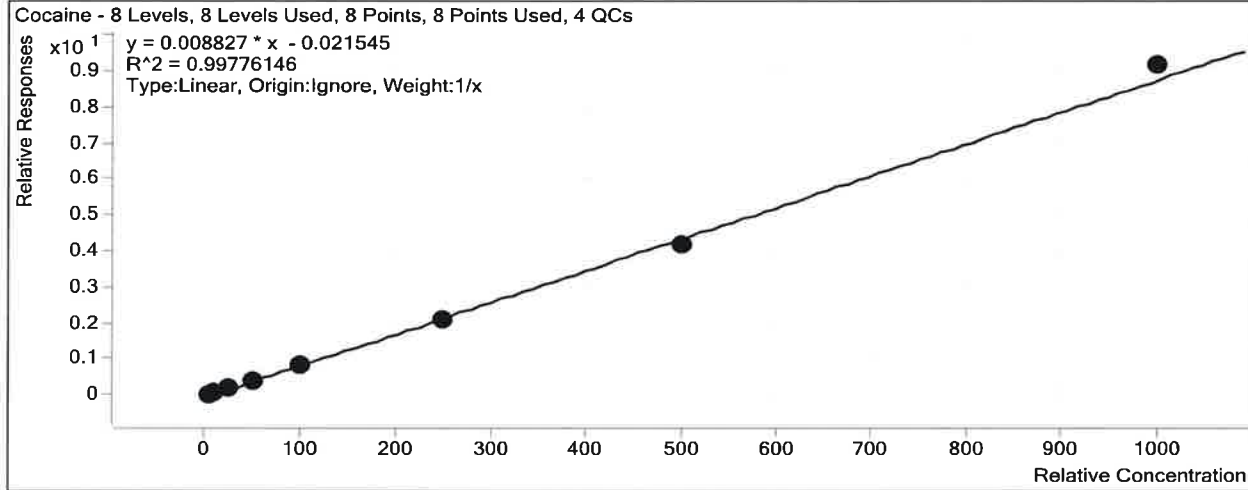
ISP Forensics Calibration Curve Report

B D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

Target Compound Cocaine
Internal Standard Cocaine-d3



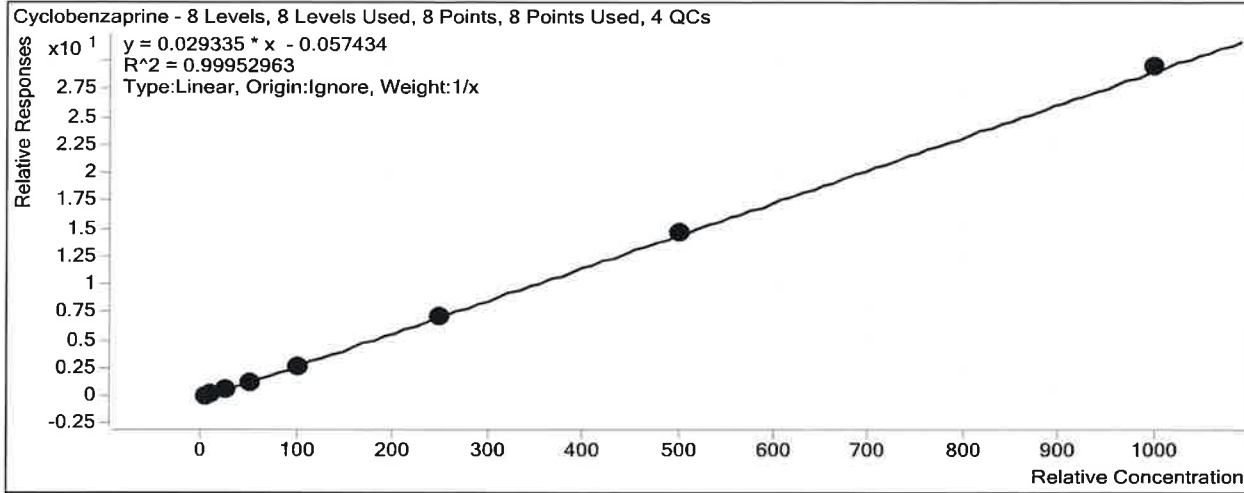
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.2	123.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.9
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.7	107.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.5	90.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.6	95.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.2	94.2
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	93.4	93.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	239.4	95.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	240.9	96.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	479.1	95.8
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1040.9	104.1
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	994.8	99.5

ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ
102518 TS.batch.bin
Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

Target Compound Cyclobenzaprine
Internal Standard Cyclobenzaprine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.8	116.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.4
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.7	106.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.6	94.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.4	94.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.8	94.8
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.6	100.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.3	98.1
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	259.7	103.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.0	100.8
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1009.2	100.9
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1034.8	103.5

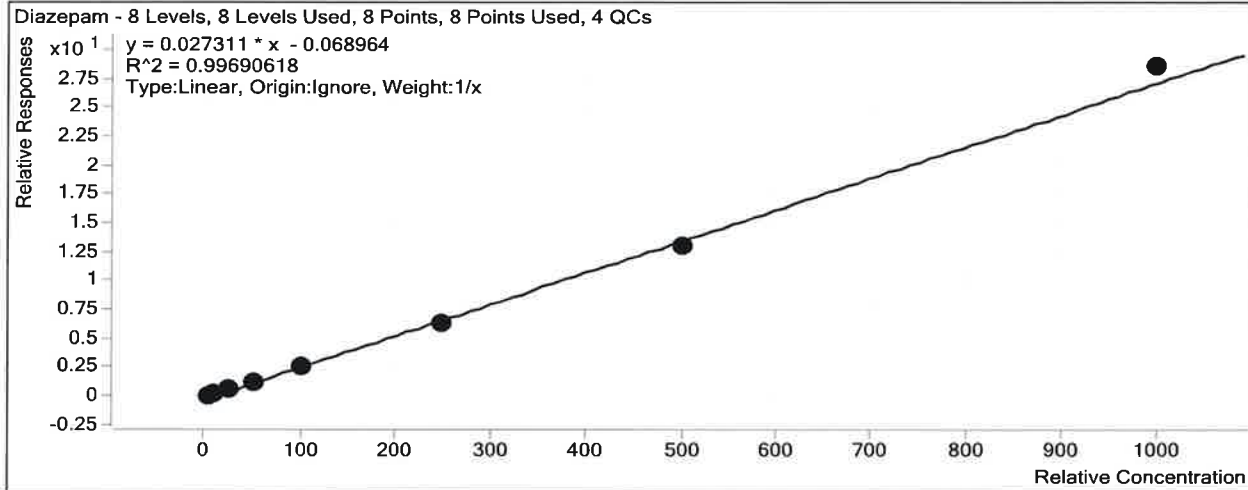
ISP Forensics Calibration Curve Report

TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

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



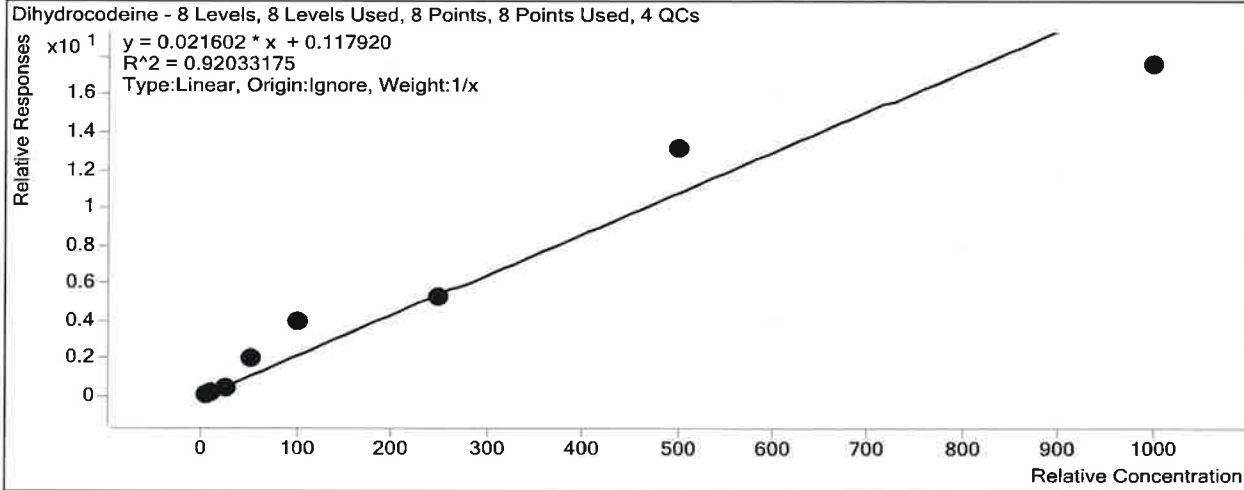
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.3	125.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	104.8
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	11.2	111.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.4	89.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.9	91.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.8	93.8
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	93.2	93.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	232.2	92.9
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	246.7	98.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	481.8	96.4
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1047.1	104.7
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1007.1	100.7

ISP Forensics Calibration Curve Report

TS
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklst 2753\QuantResults\P1b MDQ 102518 TS.batch.bin
Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

Target Compound Dihydrocodeine
Internal Standard Dihydrocodeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	2.0	39.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	3.9	38.9
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	3.5	35.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	17.9	71.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	87.6	175.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	177.2	177.2
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	92.2	92.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	241.5	96.6
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	247.8	99.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	601.7	120.3
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	808.2	80.8
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	891.3	89.1

*Compound not recalculated - TS

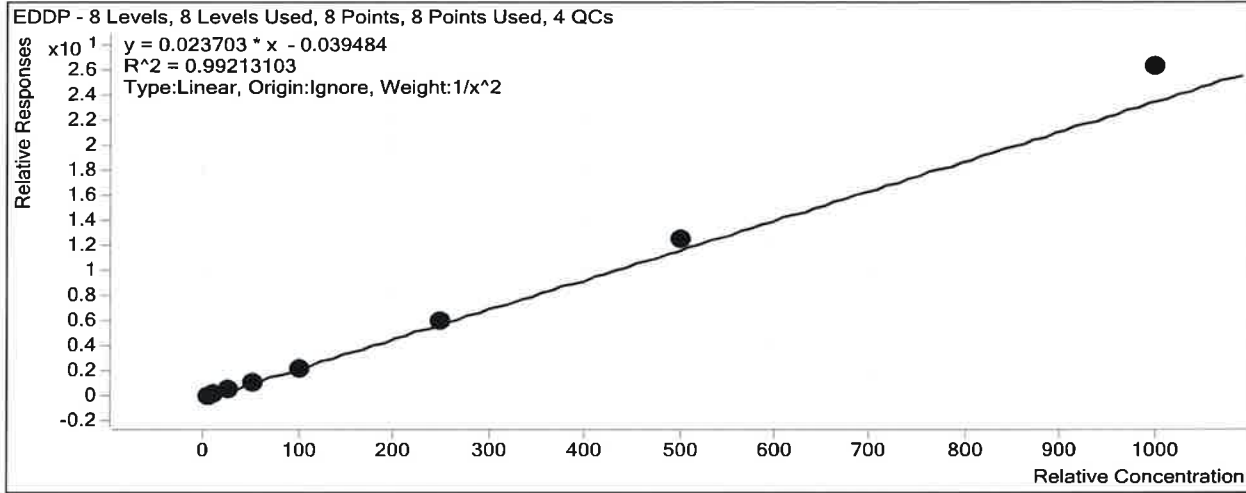
ISP Forensics Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

Target Compound EDDP
Internal Standard EDDP-D3



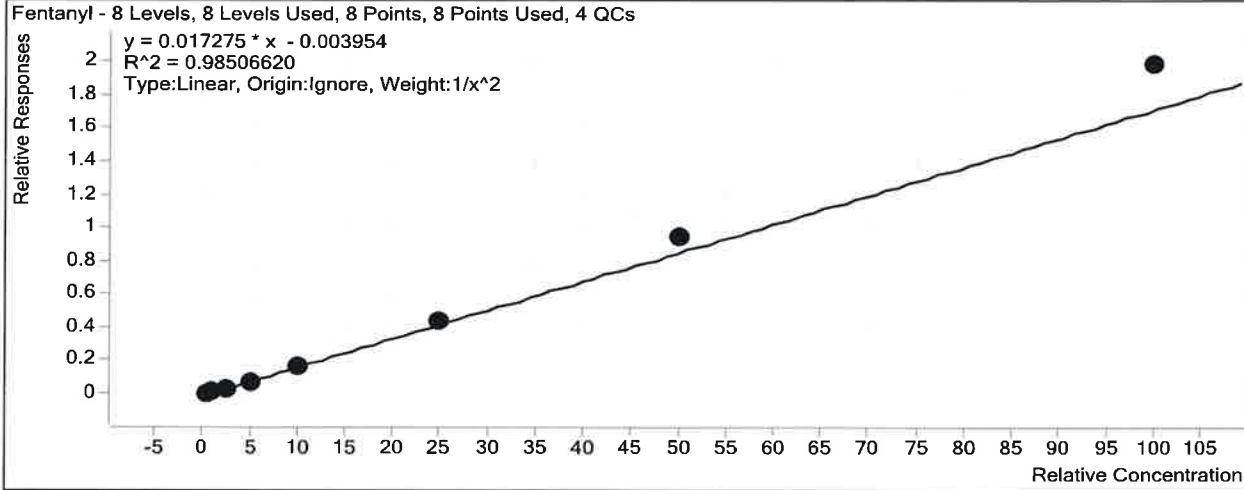
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.3
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	8.9	88.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.5	85.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.0	96.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.9	96.9
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	93.2	93.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.3	100.9
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	248.4	99.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	533.1	106.6
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1113.2	111.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1080.3	108.0

ISP Forensics Calibration Curve Report

B
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklst 2753\QuantResults\P1b MDQ 102518 TS.batch.bin
Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

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



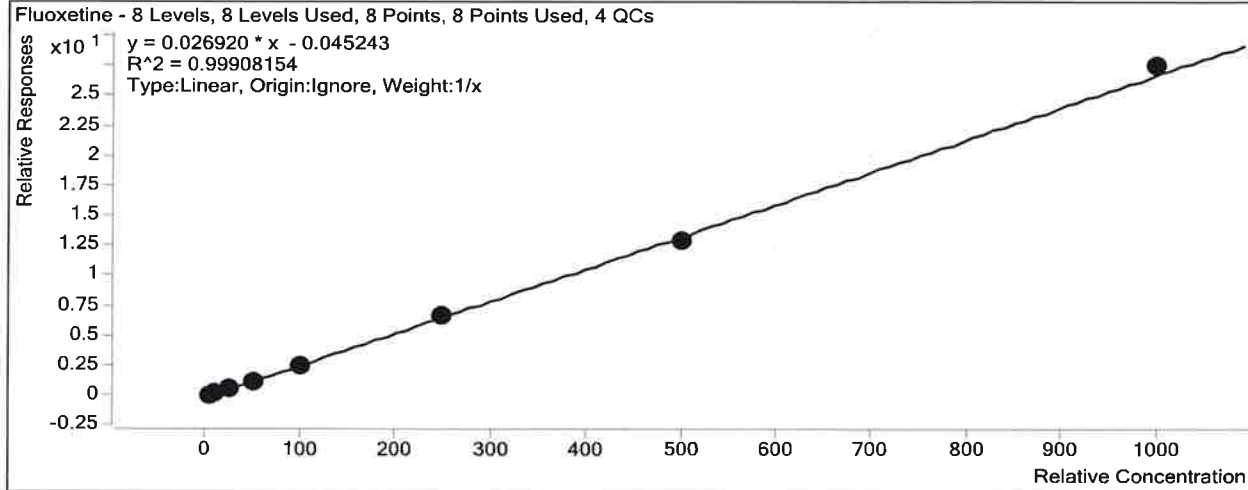
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	105.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	97.6
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	1	0.9	88.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.1	82.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.5	90.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.7	97.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	9.0	89.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.3	101.0
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	23.9	95.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	55.4	110.8
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	100	115.1	115.1
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	110.1	110.1

ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ 102518 TS.batch.bin
Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

Target Compound Fluoxetine
Internal Standard Fluoxetine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.6	112.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.7
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	11.0	109.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.1	92.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.5	97.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.0	96.0
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	97.7	97.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.7	101.1
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	248.6	99.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	481.7	96.3
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1022.1	102.2
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1056.3	105.6

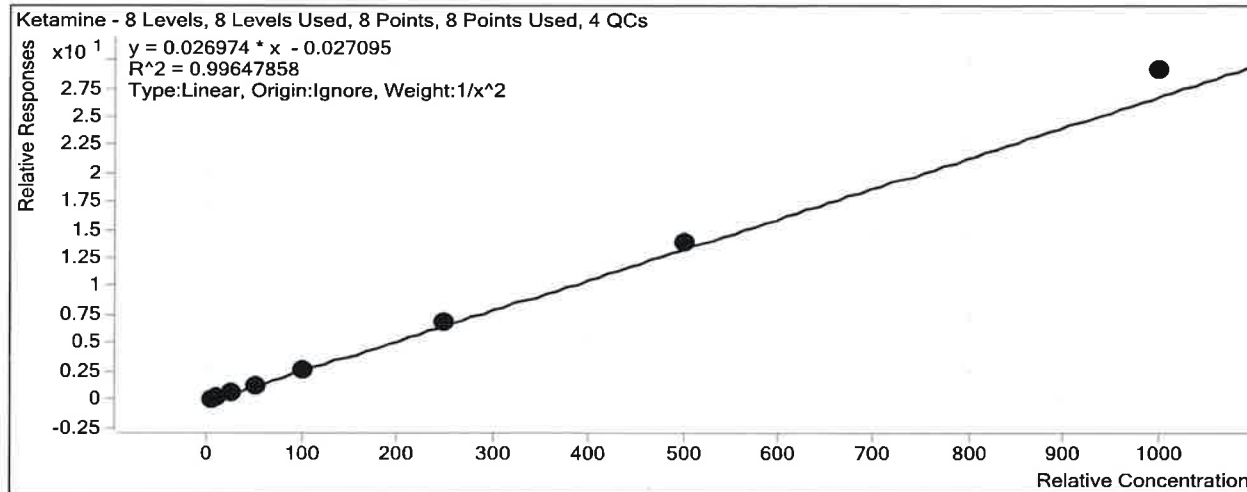
ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

Target Compound Ketamine
Internal Standard Ketamine-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.2
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.3	102.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.2	92.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.8	95.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.0	97.0
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.6	99.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.5	102.2
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	261.8	104.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	519.4	103.9
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1081.4	108.1
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1037.6	103.8

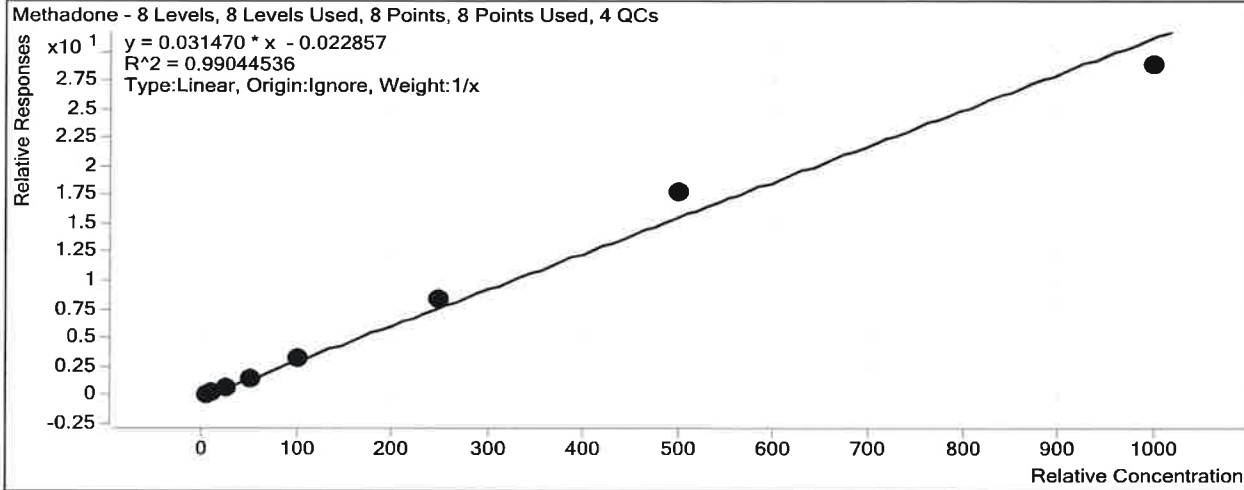
ISP Forensics Calibration Curve Report

13
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

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



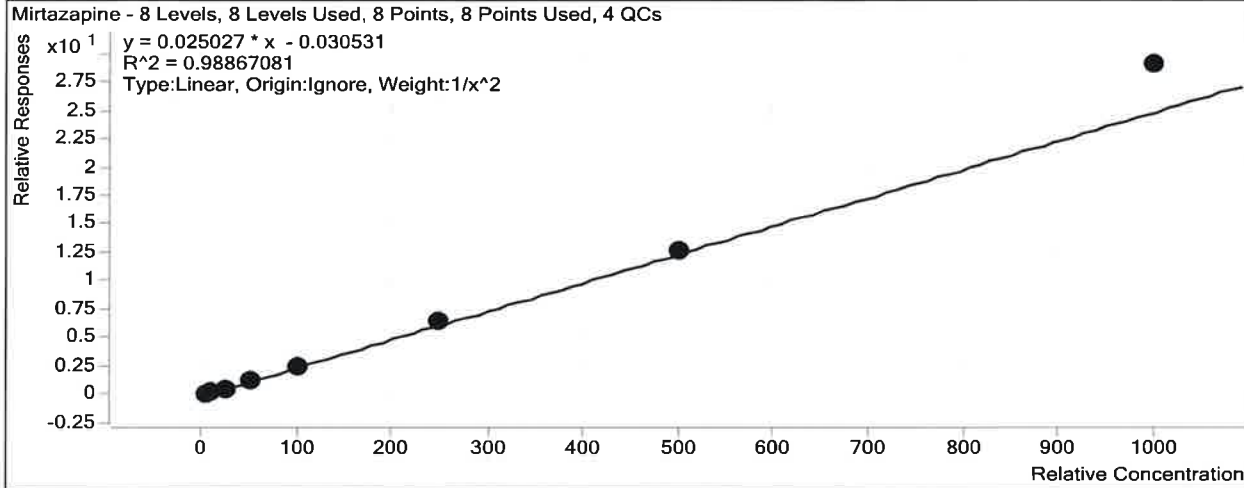
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.9
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.3	93.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.0	92.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.7	102.7
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	102.3	102.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	265.6	106.2
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	278.8	111.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	567.3	113.5
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	917.6	91.8
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1085.2	108.5

ISP Forensics Calibration Curve Report

B
D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ
102518 TS.batch.bin
Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

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



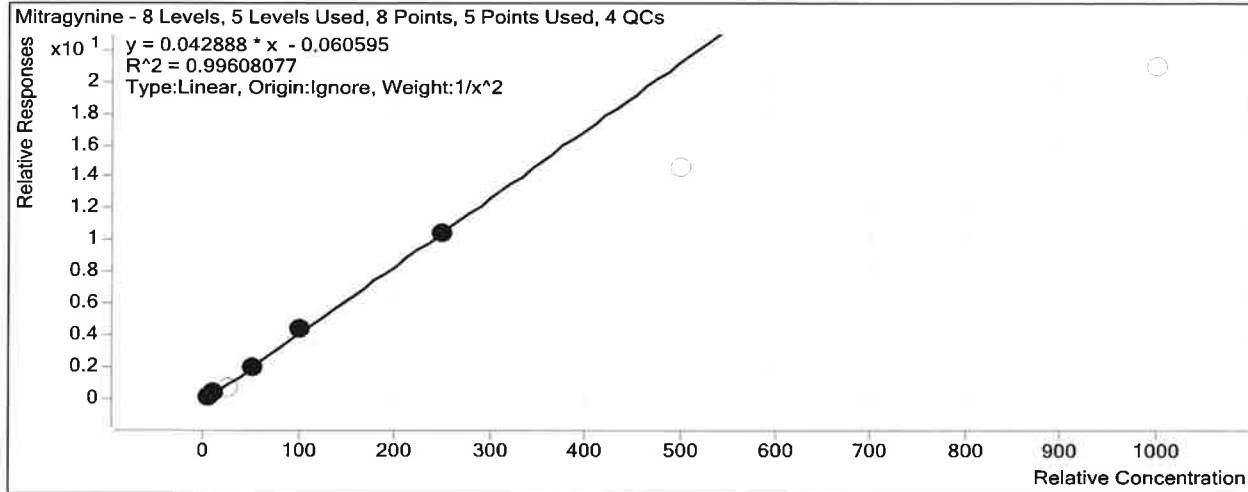
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.1
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.8	98.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.2	84.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.1	92.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.2	98.2
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	98.9	98.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.4	103.7
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	256.9	102.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	510.0	102.0
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1162.7	116.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1155.3	115.5

ISP Forensics Calibration Curve Report

TS
D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ 102518 TS.batch.bin
Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	96.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	107.1
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.1	91.1
b cal 3-25ng	3	<input type="checkbox"/>	25	17.3	69.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.3	94.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.8	103.8
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	93.6	93.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	243.9	97.5
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	230.5	92.2
b cal 7-500ng	7	<input type="checkbox"/>	500	342.5	68.5
b cal 8-1000ng_reinject	8	<input type="checkbox"/>	1000	489.1	48.9
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	655.5	65.5

- Point dropped due to peak being cut-off. - TS

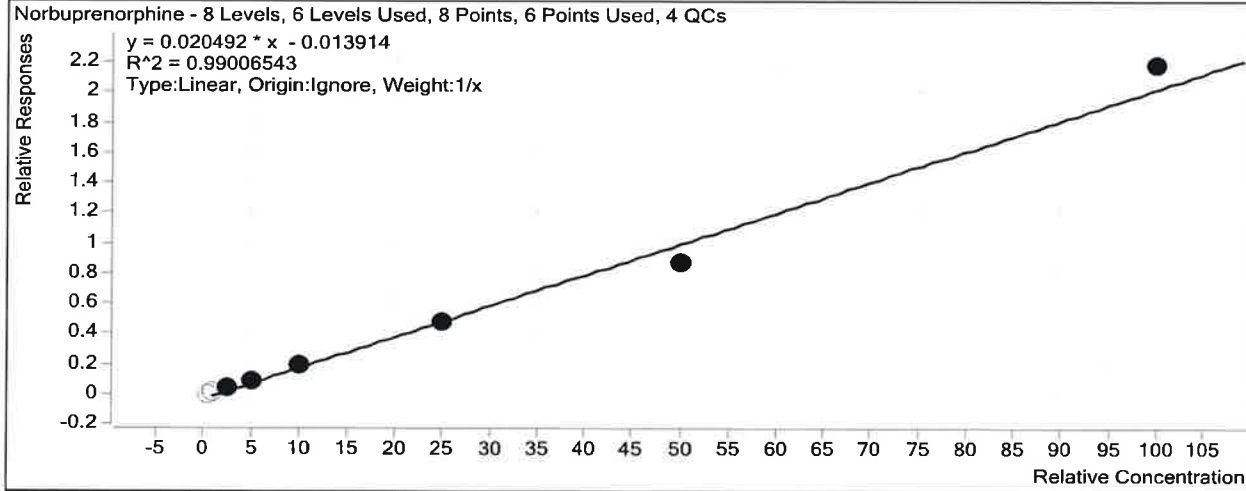
ISP Forensics Calibration Curve Report

TS
R

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

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



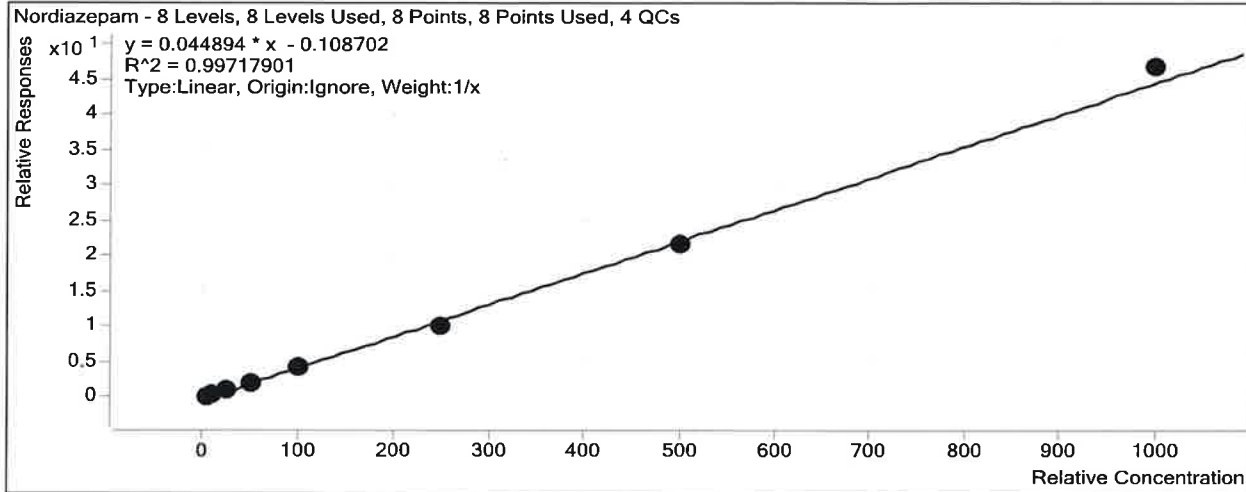
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	1.0	195.8
b cal 2-10ng	2	<input type="checkbox"/>	1	1.1	113.9
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	1	1.4	143.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.6	103.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.1	102.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.4	103.8
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	8.2	81.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.2	96.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	18.7	75.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	43.2	86.4
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	100	107.0	107.0
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	103.3	103.3

ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ 102518 TS.batch.bin
Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

Target Compound Nordiazepam
Internal Standard Nordiazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.0	119.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	107.2
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.3	102.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.7	90.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.8	95.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.4	93.4
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	92.5	92.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	229.1	91.6
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	233.7	93.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	486.5	97.3
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1043.8	104.4
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	922.1	92.2

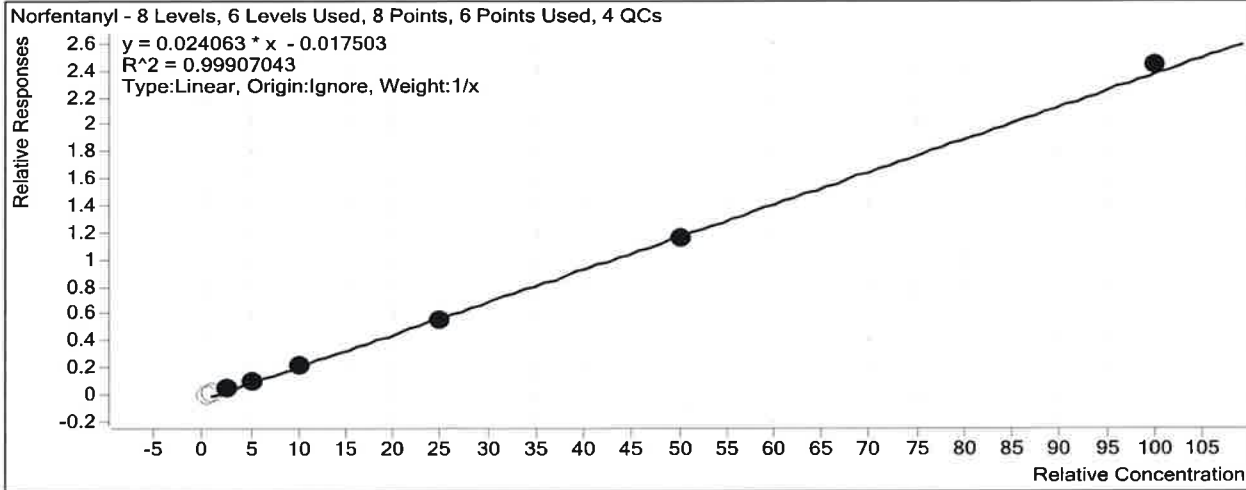
ISP Forensics Calibration Curve Report

BS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklist 2753\QuantResults\P1b MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 2:55 PM **Analyst Name** ISP TOX

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



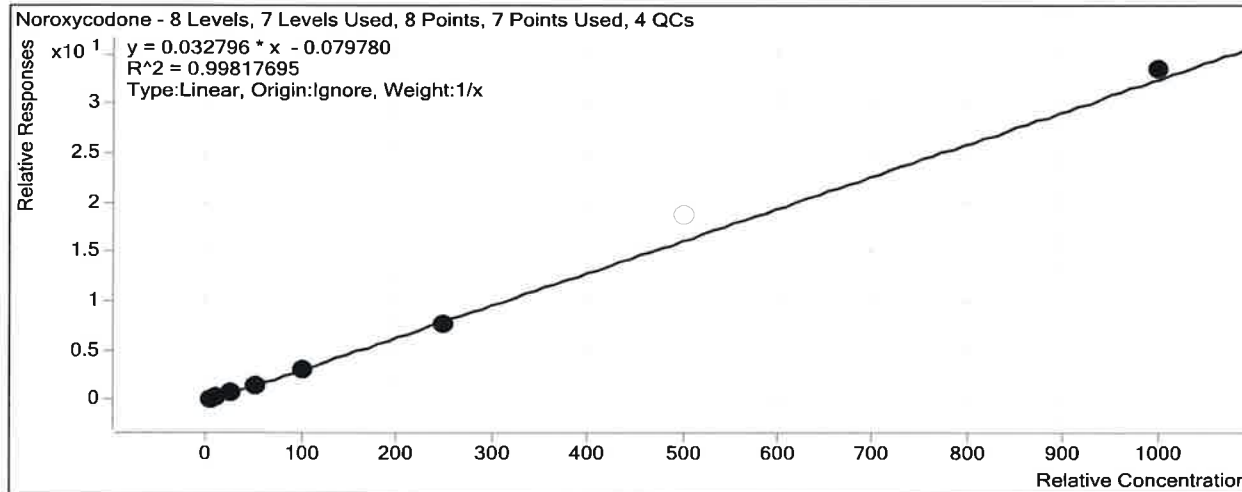
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	1.1	215.0
b cal 2-10ng	2	<input type="checkbox"/>	1	1.4	143.9
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	1	1.5	151.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.7	108.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.0	99.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.6	95.7
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	9.5	95.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.9	95.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	24.0	96.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.3	98.5
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	100	102.0	102.0
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	102.3	102.3

ISP Forensics Calibration Curve Report

TS
R

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ 102518 TS.batch.bin
Last Calib Update 10/29/2018 2:55 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.2	123.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.7
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.1	101.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.4	89.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.9	93.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	92.8	92.8
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	93.6	93.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	238.1	95.2
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	249.8	99.9
b cal 7-500ng	7	<input type="checkbox"/>	500	576.1	115.2
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1023.4	102.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1002.9	100.3

- Double peaks throwing cal out of range. - TS

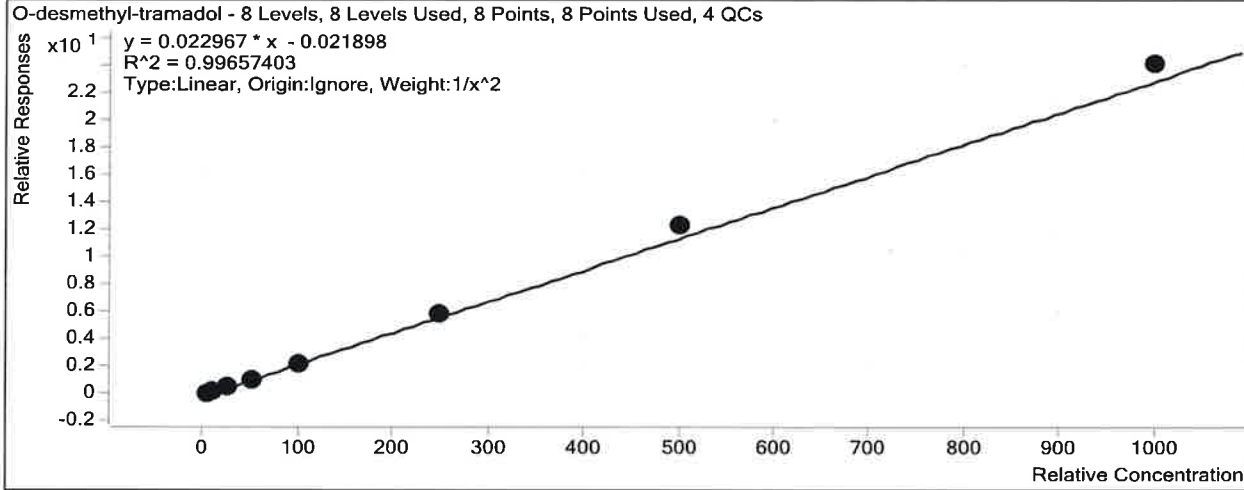
ISP Forensics Calibration Curve Report

TS
D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklst 2753\QuantResults\P1b MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.2
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.8	97.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.2	93.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.7	95.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.3	97.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	97.8	97.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.9	101.5
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	255.8	102.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	537.9	107.6
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1048.6	104.9
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1132.0	113.2

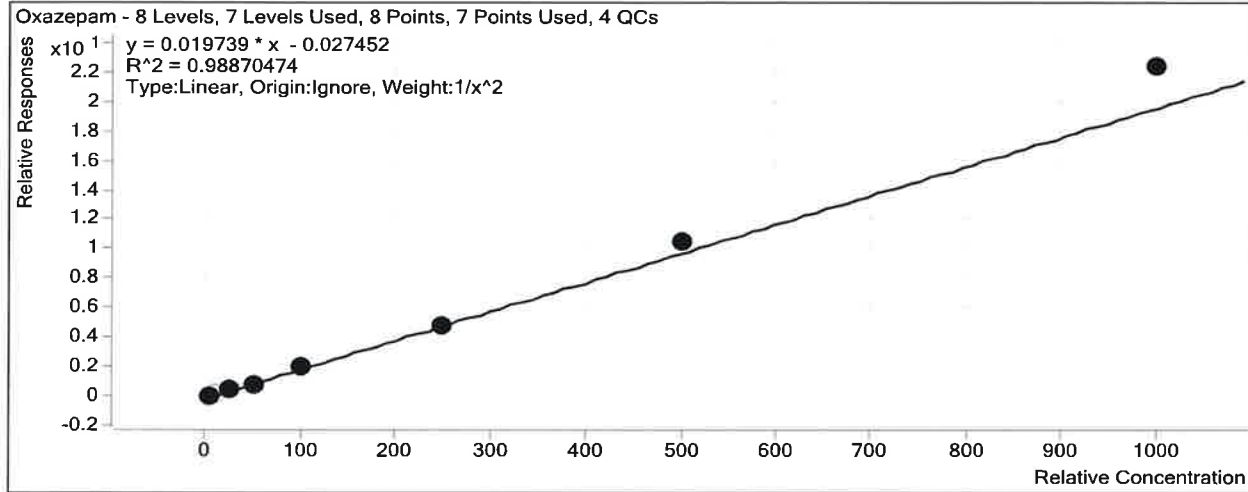
ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

Target Compound Oxazepam
Internal Standard Oxazepam-D5



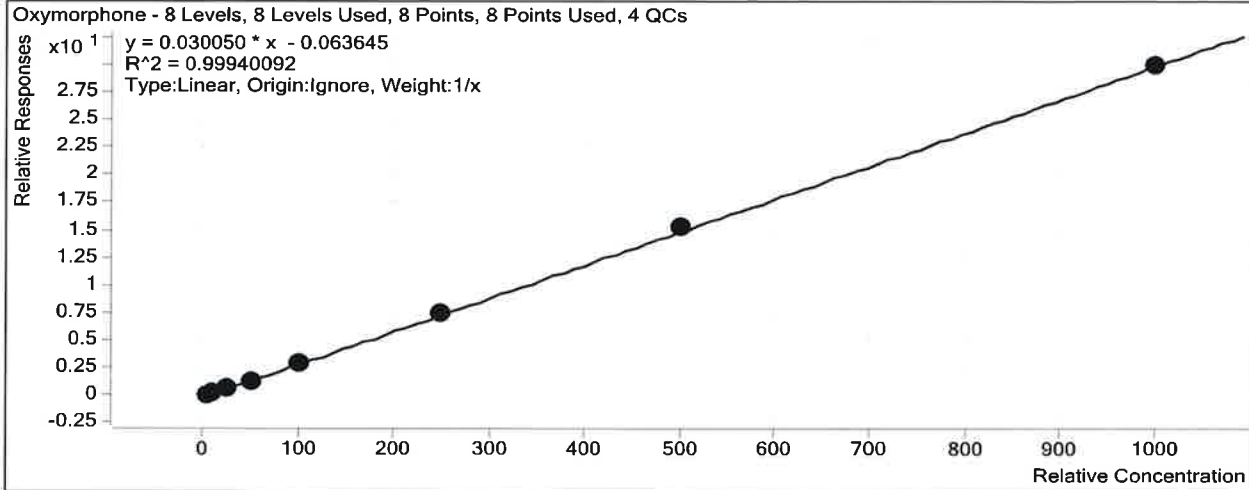
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.7
b cal 2-10ng	2	<input type="checkbox"/>	10	8.2	81.6 - Ratio out due to peak cut off. - TS
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.2	101.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.6	86.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.0	88.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.8	101.8
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	95.6	95.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.1	99.2
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	253.9	101.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	537.8	107.6
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1134.8	113.5
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1068.8	106.9

ISP Forensics Calibration Curve Report

TS
D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklst 2753\QuantResults\P1b MDQ 102518 TS.batch.bin
Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

Target Compound Oxymorphone
Internal Standard Oxymorphone-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.9	117.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.0
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.4	94.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.5	89.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.1	94.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.0	96.0
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	92.0	92.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.3	99.7
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	235.6	94.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	512.5	102.5
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	996.8	99.7
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	943.5	94.4

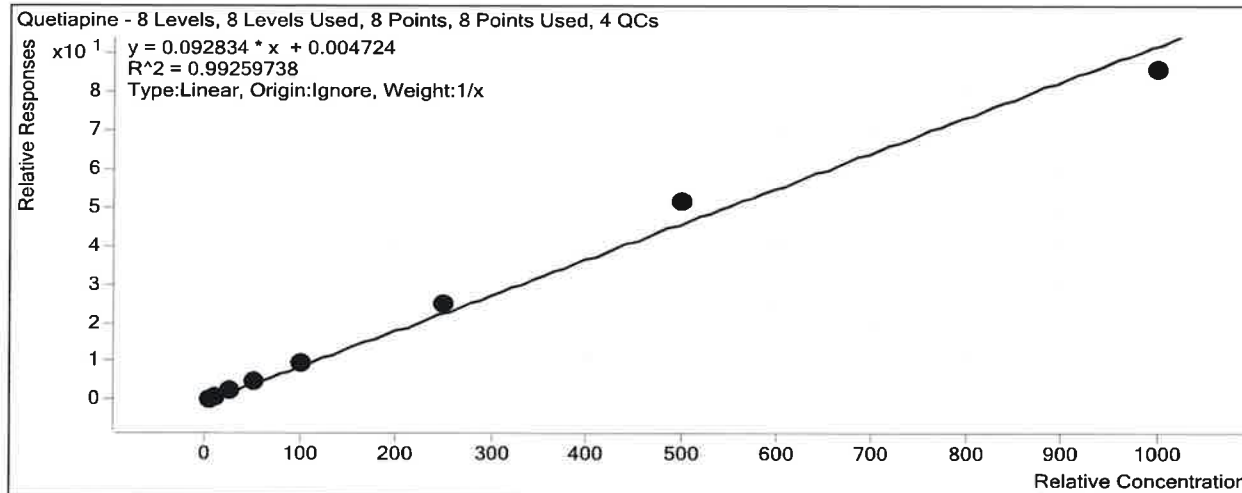
ISP Forensics Calibration Curve Report

B
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklist 2753\QuantResults\P1b MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	93.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.3
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.5	95.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.3	100.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.8	103.8
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	102.7	102.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	268.7	107.5
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	268.0	107.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	554.2	110.8
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	924.5	92.5
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1024.5	102.5

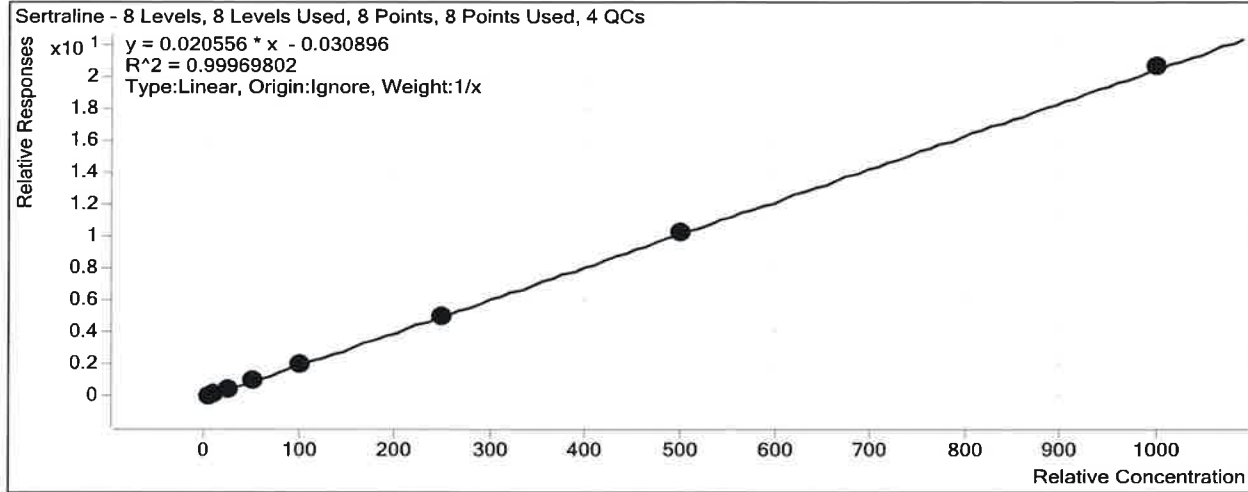
ISP Forensics Calibration Curve Report

TS
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklist 2753\QuantResults\P1b MDQ
102518 TS.batch.bin

Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

Target Compound Sertraline
Internal Standard Sertraline-D3



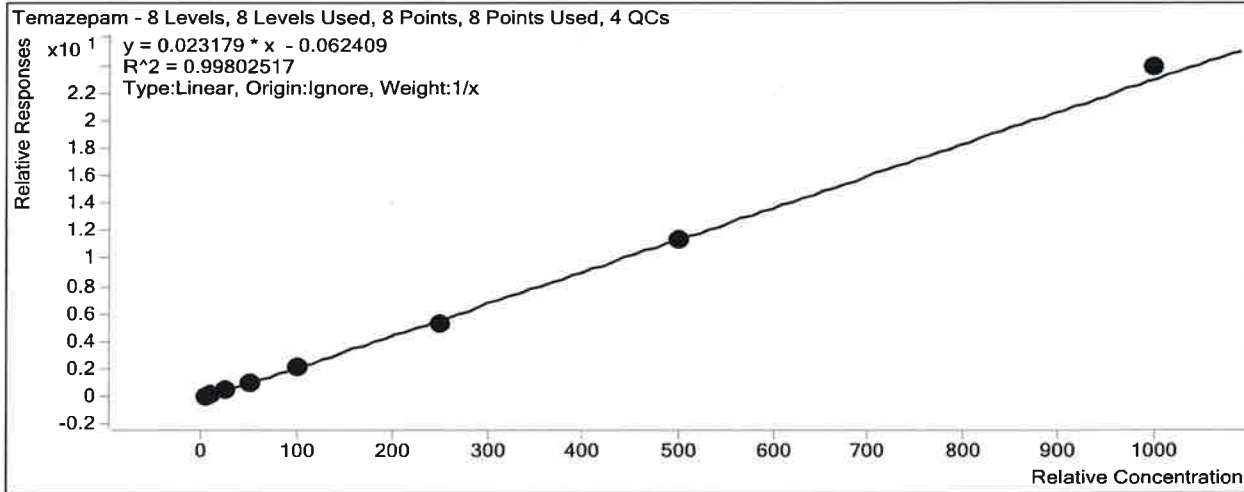
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.6	111.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.8
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.9	98.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.9	91.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.3	98.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.4	101.4
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	91.7	91.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.8	97.1
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	237.4	94.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.0	100.8
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1004.1	100.4
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	938.8	93.9

ISP Forensics Calibration Curve Report

TS
D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ
102518 TS.batch.bin
Last Calib Update 10/29/2018 8:21 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.2	123.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.5
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.6	106.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.5	90.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.3	92.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.1	95.1
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	89.7	89.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	231.4	92.6
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	231.2	92.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.8	99.2
b cal 8-1000ng_reinject	8	<input checked="" type="checkbox"/>	1000	1032.3	103.2
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	992.5	99.3

AS R

ISP FORENSICS - Pocatello Instrument # 59740

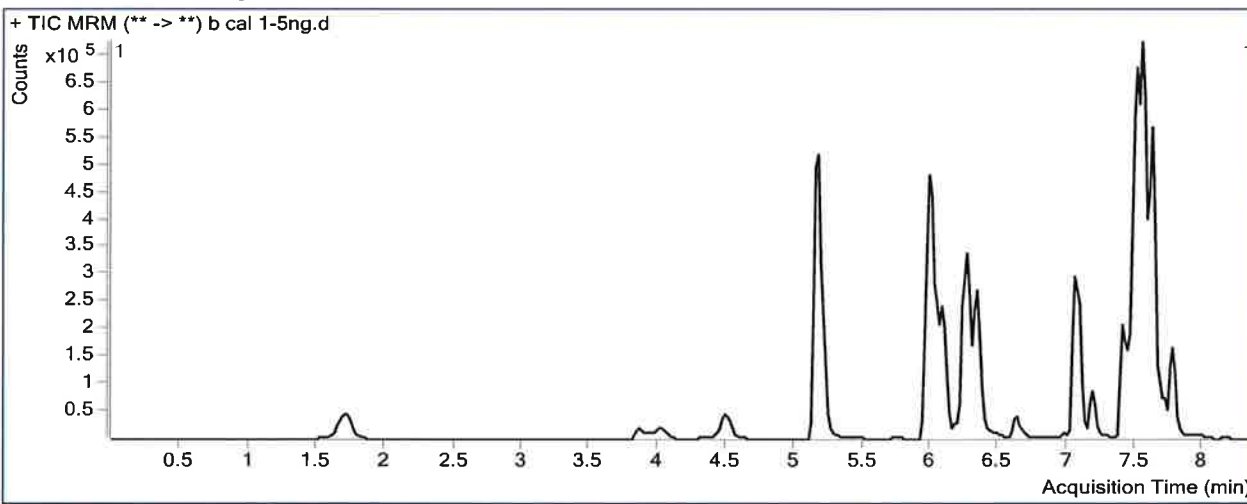
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklst 2753\QuantResults\P1b MDQ 102518 TS.batch.bi
Analysis Time 10/29/2018 2:56 PM **Analyst Name** ISPUser
Report Time 10/29/2018 2:57 PM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 2:55 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 13:49 **Data File** b cal 1-5ng.d
Sample Type Calibration **Sample Name** b cal 1-5ng
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-H12 **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	1.728	37014	329495	0.1123	5.8563
Dihydrocodeine	Dihydrocodeine-D6	4.071	18553	115739	0.1603	1.9619
Noroxycodone	Noroxycodone-D3	4.533	31647	257279	0.1230	6.1832
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.181	193400	1999500	0.0967	5.1649
Benzoylcegonine	Benzoylcegonine-d8	5.791	1045	17225	0.0607	74.1352
Ketamine	Ketamine-D4	6.002	102394	911987	0.1123	5.1668
Norfentanyl	Norfentanyl-D5	6.044	10786	1290203	0.0084	1.0748
Cocaine	Cocaine-d3	6.252	39037	1190592	0.0328	6.1550
alpha-PVP	alpha-PVP-d8	6.348	70018	868235	0.0806	5.1623
Mirtazapine	alpha-PVP-d8	6.644	87227	868235	0.1005	5.2342
Norbuprenorphine	Norbuprenorphine-D3	6.974	203	32970	0.0061	0.9788
Fentanyl	Fentanyl-D5	7.079	5397	1043608	0.0052	0.5283
Mitragynine	EDDP-D3	7.156	30948	210499	0.1470	4.8409
EDDP	EDDP-D3	7.168	17655	210499	0.0839	5.2041
Quetiapine	Quetiapine-D8	7.418	203818	463105	0.4401	4.6900
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	50597	444170	0.1139	5.8411
Methadone	Methadone-D9	7.502	231244	1769455	0.1307	4.8791
Fluoxetine	Fluoxetine-D6	7.562	184144	1737566	0.1060	5.6175
Oxazepam	Oxazepam-D5	7.588	5713	76231	0.0749	5.1872

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

b cal 1-5ng

B D

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.604	62785	751049	0.0836	5.5699
Buprenorphine	Buprenorphine-D4	7.637	5852	317186	0.0184	1.1707
Temazepam	Temazepam-D5	7.647	50081	619159	0.0809	6.1822
Nordiazepam	Nordiazepam-D5	7.715	20112	125898	0.1597	5.9796
Diazepam	Diazepam-D5	7.771	40470	393163	0.1029	6.2942

B B

ISP FORENSICS - Pocatello Instrument # 59740

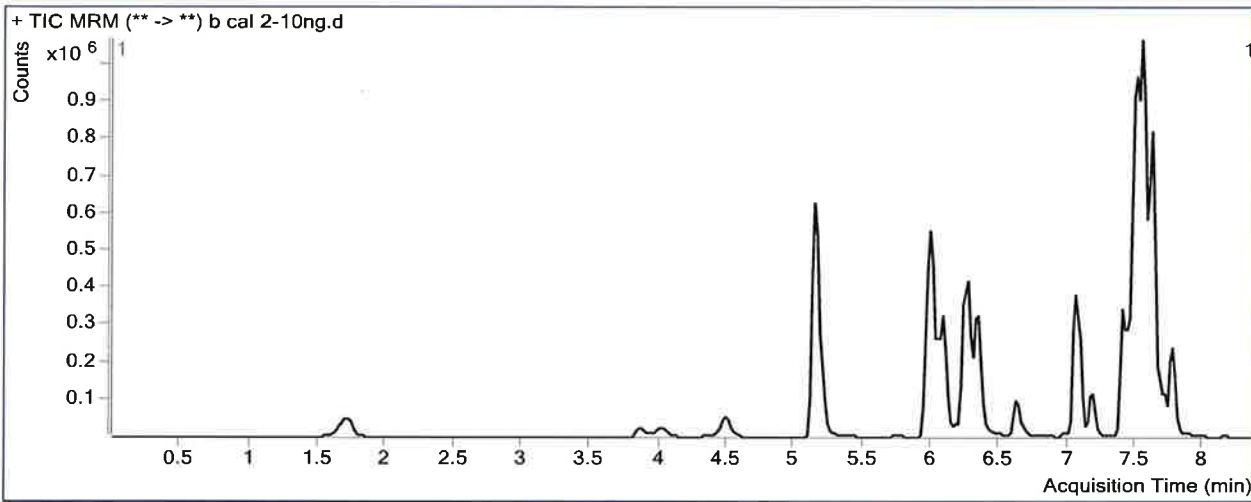
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wklst 2753\QuantResults\P1b MDQ 102518 TS.batch.bi
Analysis Time 10/29/2018 2:56 PM **Analyst Name** ISPUser
Report Time 10/29/2018 2:57 PM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 2:55 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 14:21 **Data File** b cal 2-10ng.d
Sample Type Calibration **Sample Name** b cal 2-10ng
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-G12 **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	1.728	79510	331529	0.2398	10.0989
Dihydrocodeine	Dihydrocodeine-D6	4.051	23131	114511	0.2020	3.8920
Noroxycodone	Noroxycodone-D3	4.513	68778	267724	0.2569	10.2658
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	429908	2135937	0.2013	9.7171
Benzoylcegonine	Benzoylcegonine-d8	5.771	2730	18810	0.1452	76.0774
Ketamine	Ketamine-D4	5.982	230484	980802	0.2350	9.7163
Norfentanyl	Norfentanyl-D5	6.044	23619	1380120	0.0171	1.4386
Cocaine	Cocaine-d3	6.252	88613	1296158	0.0684	10.1855
alpha-PVP	alpha-PVP-d8	6.348	166356	986735	0.1686	9.5949
Mirtazapine	alpha-PVP-d8	6.624	212167	986735	0.2150	9.8114
Norbuprenorphine	Norbuprenorphine-D3	6.974	395	41868	0.0094	1.1394
Fentanyl	Fentanyl-D5	7.059	16277	1261006	0.0129	0.9761
Mitragynine	EDDP-D3	7.156	91862	230273	0.3989	10.7144
EDDP	EDDP-D3	7.188	44575	230273	0.1936	9.8323
Quetiapine	Quetiapine-D8	7.418	469254	538744	0.8710	9.3316
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	140744	601281	0.2341	9.9373
Methadone	Methadone-D9	7.502	608222	2132788	0.2852	9.7883
Fluoxetine	Fluoxetine-D6	7.542	546804	2366176	0.2311	10.2652
Oxazepam	Oxazepam-D5	7.568	12855	96251	0.1336	8.1570

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

TS
D

b cal 2-10ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.604	167091	970125	0.1722	9.8822
Buprenorphine	Buprenorphine-D4	7.637	13879	416630	0.0333	1.4974
Temazepam	Temazepam-D5	7.647	144809	815457	0.1776	10.3539
Nordiazepam	Nordiazepam-D5	7.715	63054	169338	0.3724	10.7155
Diazepam	Diazepam-D5	7.771	100494	462827	0.2171	10.4756

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

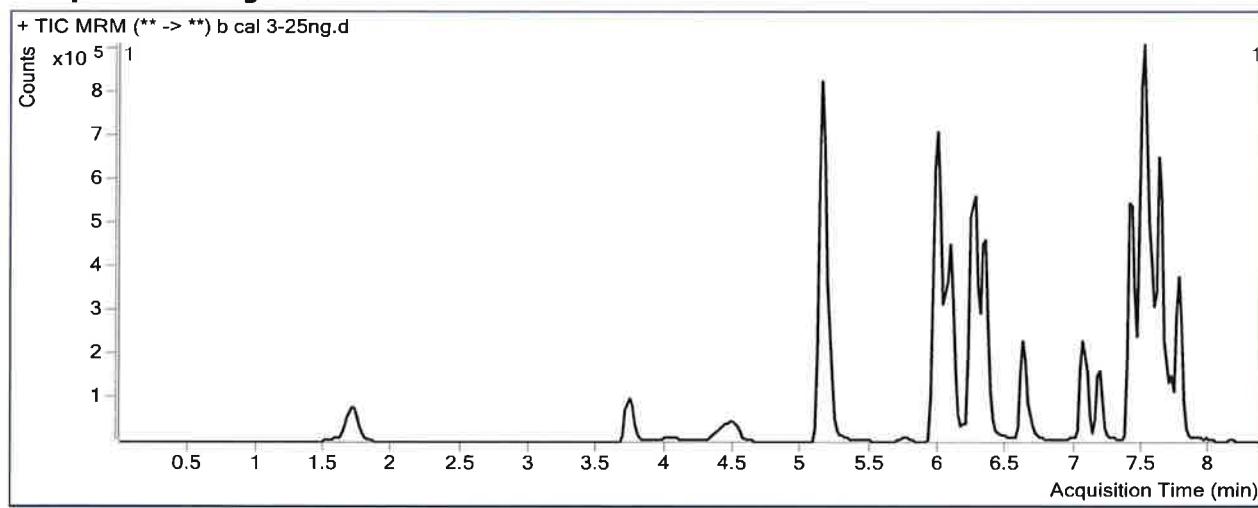
BS
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Report Time 10/29/2018 2:57 PM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 2:55 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 14:52 **Data File** b cal 3-25ng.d
Sample Type Calibration **Sample Name** b cal 3-25ng
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-F12 **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	1.728	211795	346264	0.6117	22.4727
Dihydrocodeine	Dihydrocodeine-D6	4.071	23853	47238	0.5049	17.9163
Noroxycodone	Noroxycodone-D3	4.513	185125	282860	0.6545	22.3884
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	1190437	2325942	0.5118	23.2380
Benzoylcegonine	Benzoylcegonine-d8	5.771	8376	21174	0.3956	81.8332
Ketamine	Ketamine-D4	5.982	631653	1055055	0.5987	23.1994
Norfentanyl	Norfentanyl-D5	6.044	70411	1468795	0.0479	2.7196
Cocaine	Cocaine-d3	6.252	239937	1355008	0.1771	22.5002
alpha-PVP	alpha-PVP-d8	6.348	464366	1018336	0.4560	24.0805
Mirtazapine	alpha-PVP-d8	6.624	508715	1018336	0.4996	21.1807
Norbuprenorphine	Norbuprenorphine-D3	6.994	1267	32289	0.0392	2.5941
Fentanyl	Fentanyl-D5	7.079	23050	731569	0.0315	2.0528
Mitragynine	EDDP-D3	7.156	157832	231521	0.6817	17.3081
EDDP	EDDP-D3	7.188	108633	231521	0.4692	21.4609
Quetiapine	Quetiapine-D8	7.418	1090118	479369	2.2741	24.4452
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	148057	233227	0.6348	23.5985
Methadone	Methadone-D9	7.502	1025255	1459566	0.7024	23.0474
Fluoxetine	Fluoxetine-D6	7.562	379465	658201	0.5765	23.0970
Oxazepam	Oxazepam-D5	7.588	37727	94806	0.3979	21.5508

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

TS
D

b cal 3-25ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.604	116821	266068	0.4391	22.8629
Buprenorphine	Buprenorphine-D4	7.637	22927	275047	0.0834	2.5973
Temazepam	Temazepam-D5	7.647	408443	888302	0.4598	22.5299
Nordiazepam	Nordiazepam-D5	7.715	163771	179592	0.9119	22.7338
Diazepam	Diazepam-D5	7.771	272421	500800	0.5440	22.4432

TS D

ISP FORENSICS - Pocatello Instrument # 59740

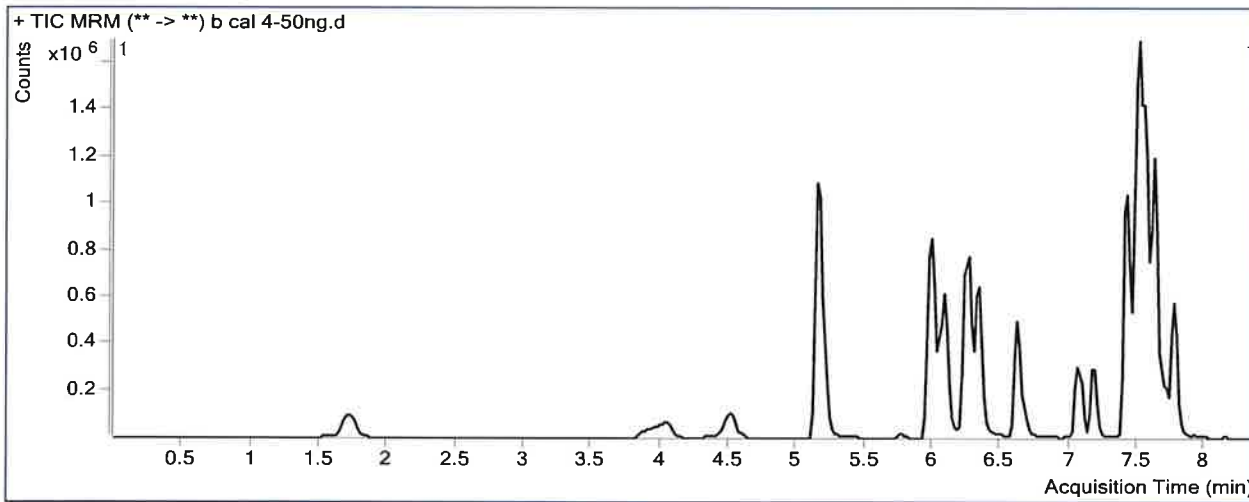
Multi-Drug Confirmatory Analysis Report

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Report Time 10/29/2018 2:57 PM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 2:55 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 15:24 **Data File** b cal 4-50ng.d
Sample Type Calibration **Sample Name** b cal 4-50ng
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-E12 **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	1.728	424061	313909	1.3509	47.0735
Dihydrocodeine	Dihydrocodeine-D6	4.051	233699	116268	2.0100	87.5882
Noroxycodone	Noroxycodone-D3	4.513	364860	250315	1.4576	46.8769
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.181	2347248	2188469	1.0726	47.6533
Benzoylcegonine	Benzoylcegonine-d8	5.771	16048	19093	0.8405	92.0602
Ketamine	Ketamine-D4	5.982	1253229	993833	1.2610	47.7529
Norfentanyl	Norfentanyl-D5	6.044	138248	1358204	0.1018	4.9574
Cocaine	Cocaine-d3	6.252	500037	1254236	0.3987	47.6042
alpha-PVP	alpha-PVP-d8	6.348	876682	954121	0.9188	47.4073
Mirtazapine	alpha-PVP-d8	6.624	1072848	954121	1.1244	46.1490
Norbuprenorphine	Norbuprenorphine-D3	6.994	2845	31344	0.0908	5.1088
Fentanyl	Fentanyl-D5	7.079	68429	922176	0.0742	4.5243
Mitragynine	EDDP-D3	7.156	411433	208855	1.9699	47.3450
EDDP	EDDP-D3	7.188	229447	208855	1.0986	48.0132
Quetiapine	Quetiapine-D8	7.418	2241877	479875	4.6718	50.2734
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	550124	412657	1.3331	47.4033
Methadone	Methadone-D9	7.502	2530181	1661747	1.5226	49.1095
Fluoxetine	Fluoxetine-D6	7.542	1980091	1571394	1.2601	48.4900
Oxazepam	Oxazepam-D5	7.588	72664	86418	0.8408	43.9895

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

TS D

b cal 4-50ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.604	648699	660504	0.9821	49.2823
Buprenorphine	Buprenorphine-D4	7.637	55627	312976	0.1777	4.6716
Temazepam	Temazepam-D5	7.647	761773	753688	1.0107	46.2985
Nordiazepam	Nordiazepam-D5	7.715	308247	151252	2.0380	47.8166
Diazepam	Diazepam-D5	7.771	538281	454108	1.1854	45.9281

TS
D

ISP FORENSICS - Pocatello Instrument # 59740

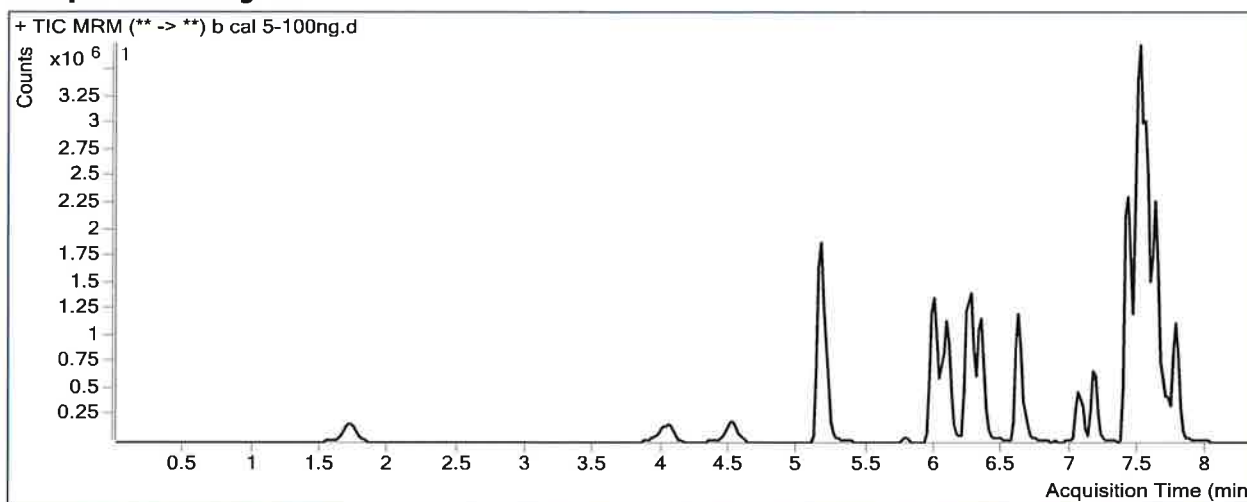
Multi-Drug Confirmatory Analysis Report

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Report Time 10/29/2018 2:57 PM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 2:55 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 16:11 **Data File** b cal 5-100ng.d
Sample Type Calibration **Sample Name** b cal 5-100ng
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-D12 **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	1.728	894474	317168	2.8202	95.9683
Dihydrocodeine	Dihydrocodeine-D6	4.051	537332	136151	3.9466	177.2370
Noroxycodone	Noroxycodone-D3	4.533	773553	261000	2.9638	92.8030
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.181	5254195	2374642	2.2126	97.2932
Benzoylcegonine	Benzoylcegonine-d8	5.771	40395	20221	1.9977	118.6559
Ketamine	Ketamine-D4	6.002	2802429	1082363	2.5892	96.9913
Norfentanyl	Norfentanyl-D5	6.044	312238	1466743	0.2129	9.5741
Cocaine	Cocaine-d3	6.252	1112465	1373792	0.8098	94.1746
alpha-PVP	alpha-PVP-d8	6.348	2069669	1068797	1.9364	98.6948
Mirtazapine	alpha-PVP-d8	6.624	2593358	1068797	2.4264	98.1727
Norbuprenorphine	Norbuprenorphine-D3	6.994	7984	40142	0.1989	10.3843
Fentanyl	Fentanyl-D5	7.059	200637	1222405	0.1641	9.7300
Mitragynine	EDDP-D3	7.156	1075146	244836	4.3913	103.8022
EDDP	EDDP-D3	7.188	552543	244836	2.2568	96.8750
Quetiapine	Quetiapine-D8	7.418	5419971	562351	9.6381	103.7696
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	1559980	572935	2.7228	94.7760
Methadone	Methadone-D9	7.502	6716606	2093558	3.2082	102.6730
Fluoxetine	Fluoxetine-D6	7.542	5390670	2123474	2.5386	95.9843
Oxazepam	Oxazepam-D5	7.588	165656	83582	1.9820	101.7996

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

TS JS

b cal 5-100ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.604	1693316	824513	2.0537	101.4136
Buprenorphine	Buprenorphine-D4	7.637	147315	364425	0.4042	9.6498
Temazepam	Temazepam-D5	7.647	1712524	799162	2.1429	95.1440
Nordiazepam	Nordiazepam-D5	7.715	688237	168579	4.0826	93.3597
Diazepam	Diazepam-D5	7.771	1204301	483139	2.4927	93.7960

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

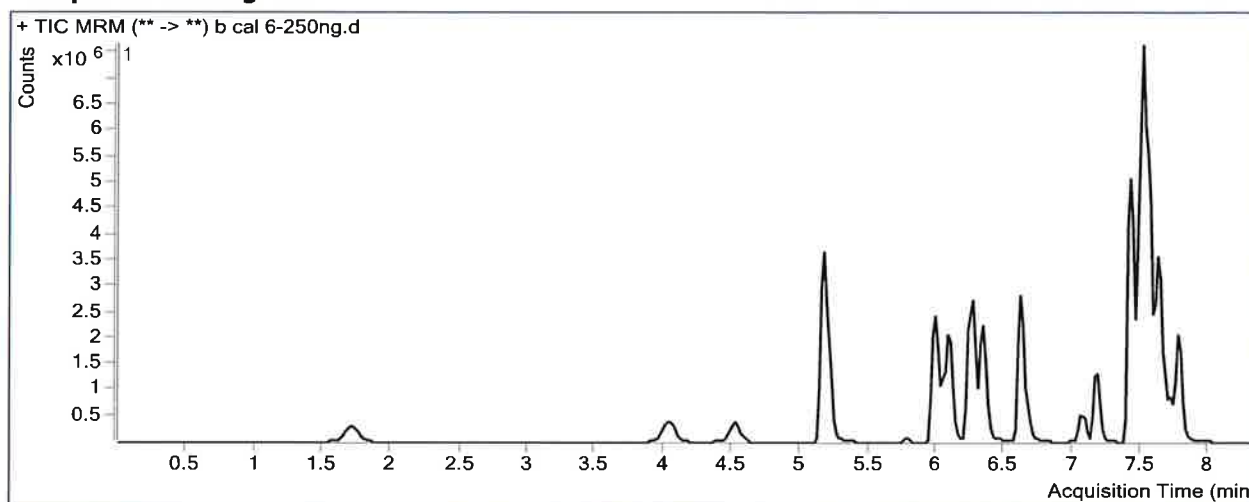
TS
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Last Calib Update	10/29/2018 2:55 PM	Batch State	Processed

Analysis Info

Acq Time	2018-10-25 16:43	Data File	b cal 6-250ng.d
Sample Type	Calibration	Sample Name	b cal 6-250ng
Dilution	1	Acq Method	MD Quant Panel 1b 7-11-18.m
Position	P1-C12	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	1.728	1916450	258058	7.4264	249.2556
Dihydrocodeine	Dihydrocodeine-D6	4.051	1262647	236663	5.3352	241.5192
Noroxycodone	Noroxycodone-D3	4.533	1677215	217036	7.7278	238.0635
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.181	12263847	2111301	5.8087	253.8681
Benzoylcegonine	Benzoylcegonine-d8	5.771	113287	19845	5.7086	203.9478
Ketamine	Ketamine-D4	6.002	6572526	957450	6.8646	255.4919
Norfentanyl	Norfentanyl-D5	6.044	695809	1245835	0.5585	23.9377
Cocaine	Cocaine-d3	6.252	2555865	1222003	2.0915	239.3761
alpha-PVP	alpha-PVP-d8	6.348	4629299	923312	5.0138	253.7933
Mirtazapine	alpha-PVP-d8	6.624	5965145	923312	6.4606	259.3662
Norbuprenorphine	Norbuprenorphine-D3	6.994	14979	31074	0.4820	24.2013
Fentanyl	Fentanyl-D5	7.079	462416	1069784	0.4323	25.2504
Mitragynine	EDDP-D3	7.156	2283650	219618	10.3983	243.8640
EDDP	EDDP-D3	7.188	1304574	219618	5.9402	252.2704
Quetiapine	Quetiapine-D8	7.418	12122030	485848	24.9503	268.7118
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	3330096	466536	7.1379	245.2849
Methadone	Methadone-D9	7.502	15647479	1877468	8.3344	265.5642
Fluoxetine	Fluoxetine-D6	7.562	10711440	1584861	6.7586	252.7474
Oxazepam	Oxazepam-D5	7.588	369929	75971	4.8693	248.0784

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

TS
D

b cal 6-250ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.625	2946207	593928	4.9605	242.8268
Buprenorphine	Buprenorphine-D4	7.637	294489	269269	1.0937	24.8024
Temazepam	Temazepam-D5	7.647	3834356	723236	5.3017	231.4231
Nordiazepam	Nordiazepam-D5	7.715	1428977	140416	10.1767	229.1059
Diazepam	Diazepam-D5	7.771	2511714	400473	6.2719	232.1753

BS P

ISP FORENSICS - Pocatello Instrument # 59740

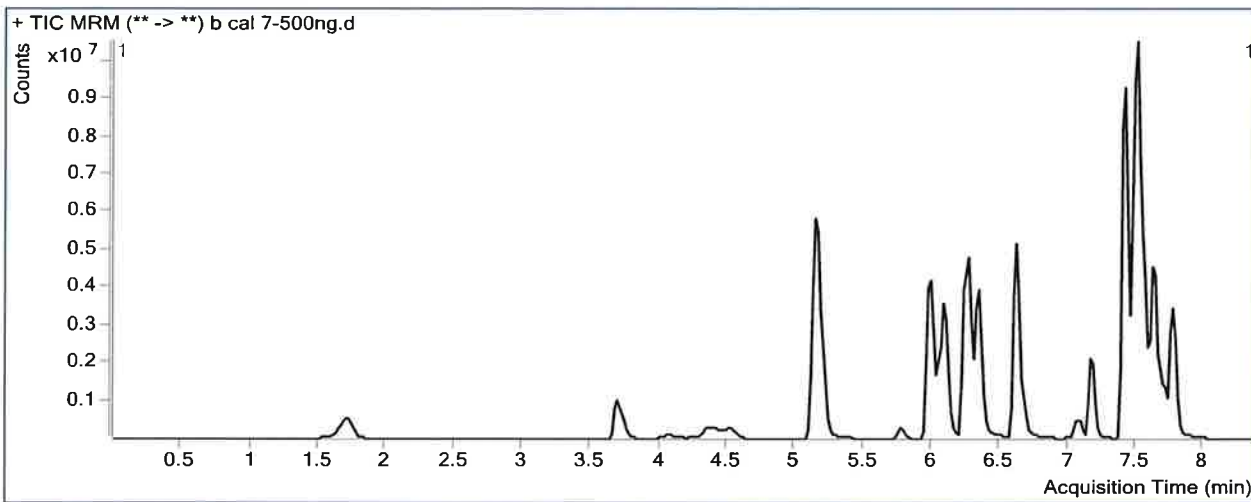
Multi-Drug Confirmatory Analysis Report

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Analysis Info

Acq Time	2018-10-25 17:14	Data File	b cal 7-500ng.d
Sample Type	Calibration	Sample Name	b cal 7-500ng
Dilution	1	Acq Method	MD Quant Panel 1b 7-11-18.m
Position	P1-B12	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	1.708	3406239	222102	15.3364	512.4837
Dihydrocodeine	Dihydrocodeine-D6	4.071	317646	24220	13.1152	601.6708
Noroxycodone	Noroxycodone-D3	4.533	1457808	77478	18.8157	576.1471
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	24925988	2021332	12.3315	537.8765
Benzoylcegonine	Benzoylcegonine-d8	5.771	319724	18486	17.2952	470.2537
Ketamine	Ketamine-D4	6.002	12965383	927268	13.9823	519.3629
Norfentanyl	Norfentanyl-D5	6.044	1313091	1124264	1.1680	49.2649
Cocaine	Cocaine-d3	6.252	4755996	1130296	4.2077	479.1059
alpha-PVP	alpha-PVP-d8	6.348	8748920	846813	10.3316	521.8096
Mirtazapine	alpha-PVP-d8	6.624	10781852	846813	12.7323	509.9635
Norbuprenorphine	Norbuprenorphine-D3	6.994	20403	23416	0.8714	43.2003
Fentanyl	Fentanyl-D5	7.079	650964	683196	0.9528	55.3843
Mitragynine	EDDP-D3	7.156	3035577	207500	14.6293	342.5159
EDDP	EDDP-D3	7.188	2613900	207500	12.5971	533.1118
Quetiapine	Quetiapine-D8	7.418	22444395	436171	51.4578	554.2493
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	3850843	261487	14.7267	503.9817
Methadone	Methadone-D9	7.502	22365126	1254266	17.8313	567.3438
Fluoxetine	Fluoxetine-D6	7.542	9778550	756797	12.9210	481.6655
Oxazepam	Oxazepam-D5	7.588	756071	71405	10.5885	537.8229

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

TS
D
b cal 7-500ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.625	2946551	285248	10.3298	504.0339
Buprenorphine	Buprenorphine-D4	7.637	364110	151795	2.3987	53.4854
Temazepam	Temazepam-D5	7.647	7223527	632003	11.4296	495.8006
Nordiazepam	Nordiazepam-D5	7.715	2650312	121945	21.7338	486.5358
Diazepam	Diazepam-D5	7.771	4635046	354144	13.0880	481.7548

TS JS

ISP FORENSICS - Pocatello Instrument # 59740

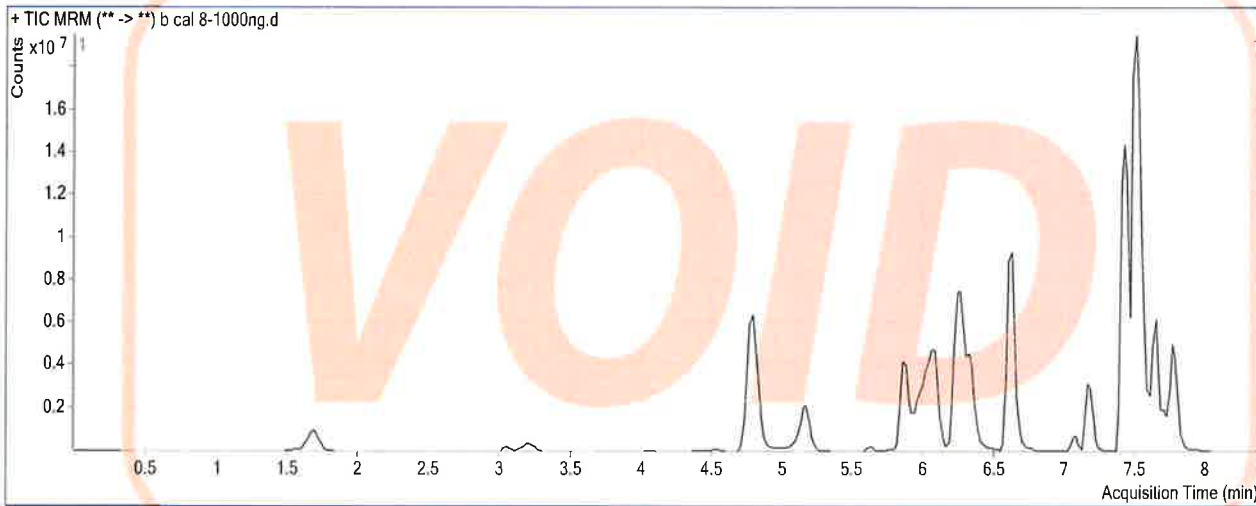
Multi-Drug Confirmatory Analysis Report

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Report Time 10/29/2018 8:40 AM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 8:40 AM **Batch State** Processed

Analysis Info

Acq Time 2018-10-25 17:47 **Data File** b cal 8-1000ng.d
Sample Type Calibration **Sample Name** b cal 8-1000ng
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-A12 **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	1.688	5445583	176777	30.8048	1017.4759
Dihydrocodeine	Dihydrocodeine-D6	4.071	115665	4498	25.7138	1112.3212
Noroxycodone	Noroxycodone-D3	4.533	958218	23740	40.3639	1112.2977
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.181	9050918	477631	18.9496	849.2745
Benzoylcegonine	Benzoylcegonine-d8	5.771	191548	6549	29.2487	828.5891
Ketamine	Ketamine-D4	5.982	8588762	303847	28.2667	1040.8975
Norfentanyl	Norfentanyl-D5	5.944	2621800	1101371	2.3805	100.3516
Cocaine	Cocaine-d3	6.232	8082812	927276	8.7167	993.4320
alpha-PVP	alpha-PVP-d8	6.328	15170323	692750	21.8987	1086.8446
Mirtazapine	alpha-PVP-d8	6.624	22536476	692750	32.5319	1242.1146
Norbuprenorphine	Norbuprenorphine-D3	6.974	40383	18211	2.2175	105.3815
Fentanyl	Fentanyl-D5	7.079	1273865	630563	2.0202	114.0833
Mitragynine	EDDP-D3	7.156	3583971	182887	19.5966	458.3364
EDDP	EDDP-D3	7.188	4847541	182887	26.5056	1099.1182
Quetiapine	Quetiapine-D8	7.418	36510893	412869	88.4322	968.7230
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	6286659	229753	27.3626	956.7119
Methadone	Methadone-D9	7.502	46015949	1513303	30.4076	978.3550
Fluoxetine	Fluoxetine-D6	7.562	10508814	373225	28.1568	1030.3411
Oxazepam	Oxazepam-D5	7.588	1279756	62985	20.3184	1025.7030

*Calibrator failed to inject properly - Calibrator was re-injected. - TS

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

TS D

b cal 8-1000ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.625	2699134	120951	22.3158	1054.7354
Buprenorphine	Buprenorphine-D4	7.637	326681	63284	5.1621	114.2221
Temazepam	Temazepam-D5	7.647	10884587	461520	23.5842	1012.9843
Nordiazepam	Nordiazepam-D5	7.715	3244700	76883	42.2031	961.9623
Diazepam	Diazepam-D5	7.771	6927115	254833	27.1830	998.6081

VOID

TS D

ISP FORENSICS - Pocatello Instrument # 59740

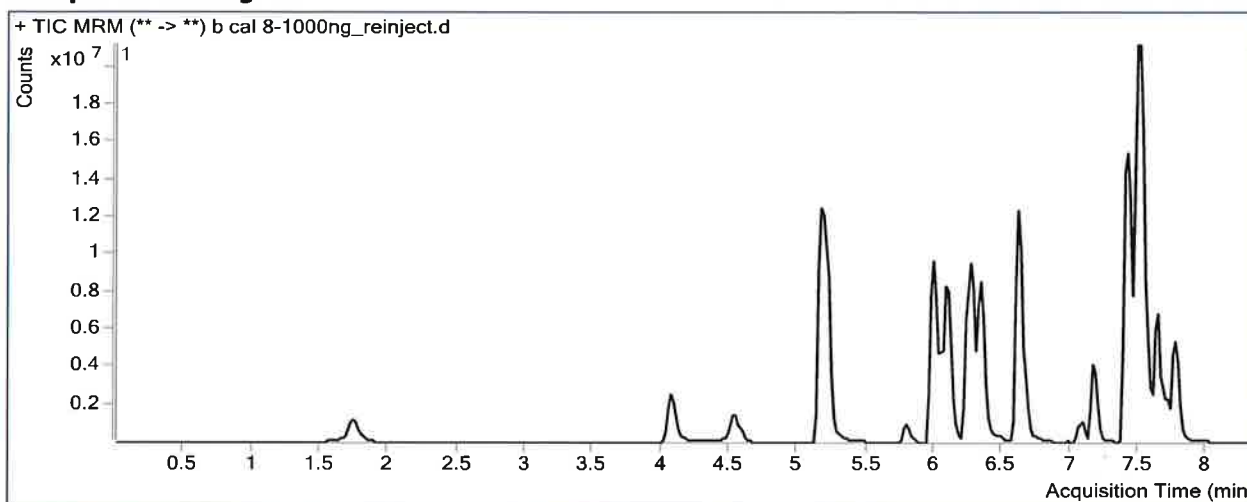
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\102518 MDQ TS wk1st 2753\QuantResults\P1b MDQ 102518 TS.batch.bi
Analysis Time 10/29/2018 2:56 PM **Analyst Name** ISPUser
Report Time 10/29/2018 2:57 PM **Reporter Name** ISPUser
Last Calib Update 10/29/2018 2:55 PM **Batch State** Processed

Analysis Info

Acq Time 2018-10-26 04:35 **Data File** b cal 8-1000ng_reinject.d
Sample Type Calibration **Sample Name** b cal 8-1000ng_reinject
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-A12 **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	1.748	6800383	227516	29.8898	996.7909
Dihydrocodeine	Dihydrocodeine-D6	4.071	5327802	303113	17.5770	808.2146
Noroxycodone	Noroxycodone-D3	4.533	6559750	195904	33.4845	1023.4193
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.181	56187225	2335249	24.0605	1048.5685
Benzoylcegonine	Benzoylcegonine-d8	5.791	1139493	26605	42.8298	1057.1427
Ketamine	Ketamine-D4	6.002	31439027	1078813	29.1422	1081.3757
Norfentanyl	Norfentanyl-D5	6.044	3149518	1291827	2.4380	102.0463
Cocaine	Cocaine-d3	6.252	10132233	1105301	9.1669	1040.8985
alpha-PVP	alpha-PVP-d8	6.348	19962215	958319	20.8304	1050.9523
Mirtazapine	alpha-PVP-d8	6.624	27856473	958319	29.0681	1162.6930
Norbuprenorphine	Norbuprenorphine-D3	6.994	50424	23141	2.1790	107.0111
Fentanyl	Fentanyl-D5	7.079	1674696	844174	1.9838	115.0655
Mitragynine	EDDP-D3	7.156	4862773	232493	20.9158	489.0944
EDDP	EDDP-D3	7.188	6125483	232493	26.3469	1113.1888
Quetiapine	Quetiapine-D8	7.418	39541865	460687	85.8323	924.5292
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	7409640	250779	29.5464	1009.1771
Methadone	Methadone-D9	7.502	48040657	1664984	28.8535	917.5948
Fluoxetine	Fluoxetine-D6	7.542	11355255	413368	27.4701	1022.1330
Oxazepam	Oxazepam-D5	7.588	1653575	73913	22.3719	1134.7843

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

TS J

b cal 8-1000ng - reinject

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.604	2195039	106506	20.6095	1004.1284
Buprenorphine	Buprenorphine-D4	7.637	566930	92298	6.1424	135.7665
Temazepam	Temazepam-D5	7.647	12817077	537085	23.8642	1032.2678
Nordiazepam	Nordiazepam-D5	7.715	4262578	91179	46.7494	1043.7530
Diazepam	Diazepam-D5	7.771	7949829	278660	28.5288	1047.1328