

Worklist: 2354

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
M2018-0229	1	114209	AM 28 Blood Multi-Drug Quant Panel 2 by LC-QC
P2018-0371	1	114210	AM 28 Blood Multi-Drug Quant Panel 2 by LC-QC



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

Extraction Date: 04/26/18
Plate lot#: 0507680

Analyst: Sarah Pickle
Plate Expiration: 06/05/2018

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

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

Blank Blood Lot: 361331-2
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 00.5M 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: 042618 MDQP2 worklist 2354
Batch Name: 042618 MDQP2a wklist 2354 SP, 042618 MDQP2b wklist 2354 SP
- 2. Make necessary changes to integration limits
- 3. Integration linear and R^2 values ≥ 0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5%, S/N for primary transition >10 and secondary transition >5 .
- 5. Did all QCs pass for each analyte? Y / N _____
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: Did not evaluate: Amoxapine, Benzoylcegonine
Curve Range Limited: Norpropoxyphene 10-1000, Phenytoin 5-250, Primidone 5-250, Levamisole 5-100, Metoprolol 5-500, Ondansetron 5-100



Idaho State Police Forensic Services

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

Analyst: Sarah Pickle
Extraction Date: 04/26/18
Worklist Number: 2354

<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	0507680	06/05/2018			
Negative Blood	361331-2		12/27/17		
Methanol External Control Solution	022018	02/20/19	02/20/18		
Blood External Control Solution	WS022018	02/20/19	02/20/18		
0.5M Ammonium Hydroxide	032918	09/29/18	03/29/18		
Formic Acid (LCMS Grade)	095180B		06/12/17		
Water (LCMS Grade)	177528		03/5/18		
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	042518		04/25/18		
5mM Ammonium Formate + 0.01% Formic Acid in Water (Mobile Phase A)	031918		03/19/18		
0.01% Formic Acid in Methanol (Mobile Phase B)	031918		03/19/18		
Needle Rinse--75% LCMS MeOH in LCMS Water	042418		04/24/18		

Methanol External Control Solution (Lot: 022018)
100 ul each 1 mg/mL stock solution in 9700 ul MeOH

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	172516	
Zopiclone	Cerilliant	FE08291601	12/31/2021
Chlordiazepoxide	Cerilliant	FE07241502	08/31/2020
Flunitrazepam	Cerilliant	FE08051602	08/31/2021
Prepared:	02/20/18		
Prepared By:	Tamara Salazar		
Expires:	02/20/19		

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Blood External Control Solution (Lot: WS022018)*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	361331-2
Methanol External Control Solution		022018
Prepared:	02/20/18	
Prepared by:	Tamara Salazar	
Expires:	02/20/19	

0.5M Ammonium Hydroxide (Lot: 032918)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Hydroxide (ACS grade or better)	Fisher	053200
DI Water	-	-
Prepared:	03/29/18	
Prepared By:	Tamara Salazar	
Expires:	09/29/18	

20% LCMS Methanol in LCMS Water (Lot: Prepared Fresh)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
MeOH (LCMS Grade)	Fisher	177145
Water (LCMS Grade)	Fisher	177528

5mM Ammonium Formate + 0.01% Formic Acid in Water (Lot: 031918)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Formate	Arcos Organics	A0287238
LCMS Water	Fisher	177528
Formic Acid	Fisher	095180B
Prepared:	03/19/18	
Prepared By:	Tamara Salazar	

0.01% Formic Acid in LCMS Methanol (Mobile Phase B) (Lot: 031918)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Formic Acid	Fisher	095180B
MeOH (LCMS Grade)	Fisher	172517
Prepared:	03/19/18	
Prepared By:	Tamara Salazar	

Needle Rinse (75% LCMS MeOH in LCMS Water) (Lot: 042418)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
MeOH (LCMS Grade)	Fisher	177145
Water (LCMS Grade)	Fisher	177528
Prepared:	04/24/18	
Prepared By:	Tamara Salazar	

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

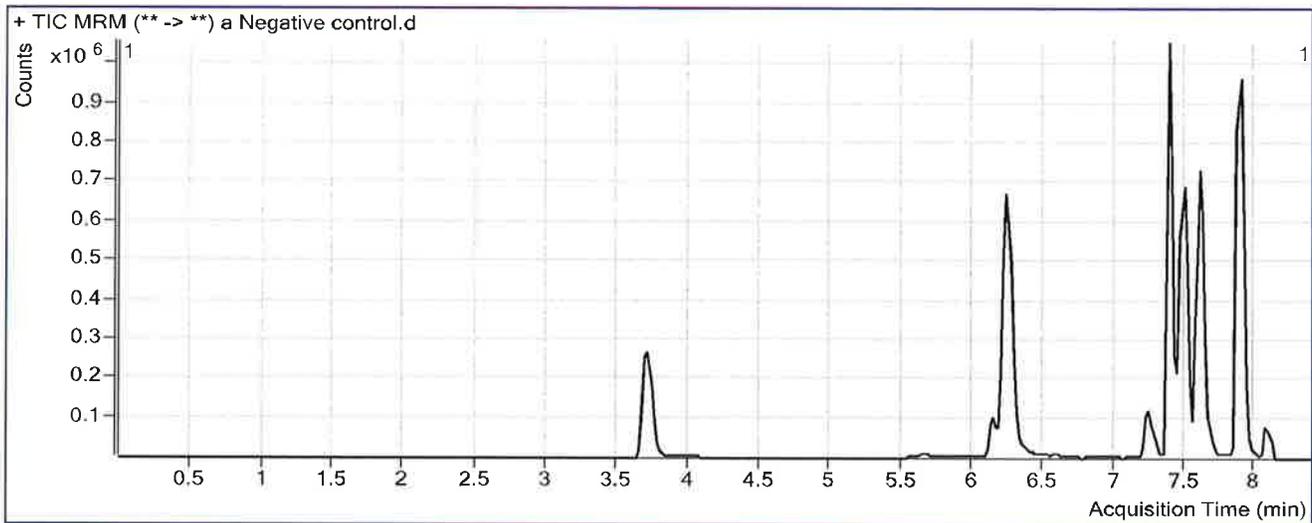
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Analysis Time 4/27/2018 12:22 PM **Analyst Name** ISPUser
Report Time 4/27/2018 12:24 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 12:22 PM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 20:09 **Data File** a Negative control.d
Sample Type Sample **Sample Name** a Negative control
Dilution 1 **Acq Method** MDQ Panel 2a 1-31-18.m
Position P2-E6 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



ISP FORENSICS - Pocatello Instrument # 59740

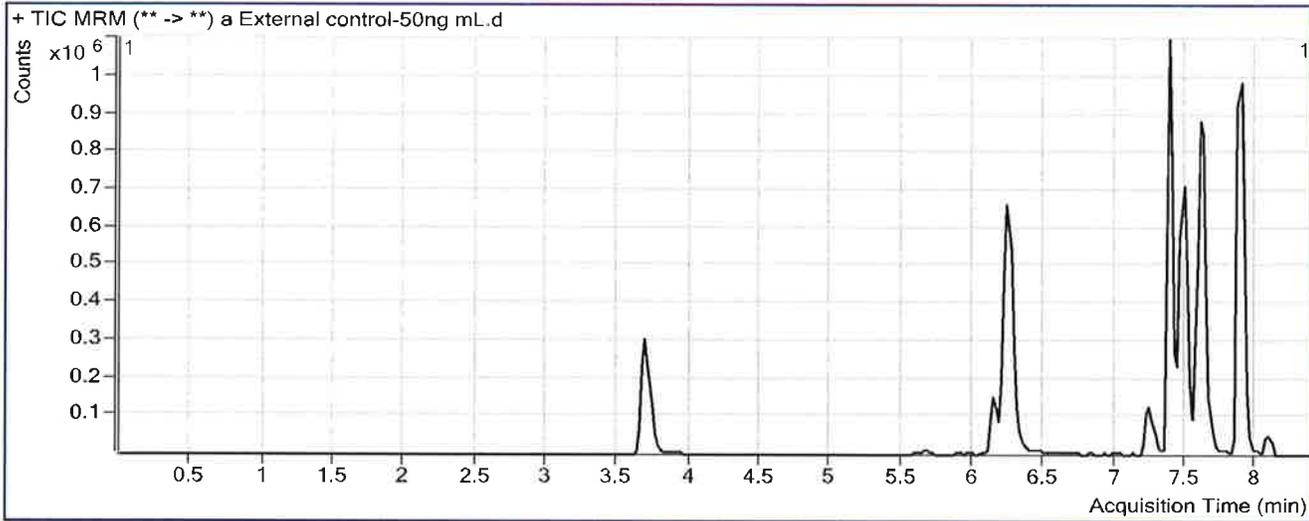
Multi-Drug Confirmatory Analysis Report

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Report Time	4/27/2018 12:25 PM	Reporter Name	ISPUser
Last Calib Update	4/27/2018 12:22 PM	Batch State	Processed

Analysis Info

Acq Time	2018-04-26 20:40	Data File	a External control-50ng mL.d
Sample Type	Sample	Sample Name	a External control-50ng mL
Dilution	1	Acq Method	MDQ Panel 2a 1-31-18.m
Position	P2-F6	Sample Info	
Inj Vol	-1	Comment	AM 28; WS022018 50 ng flunitrazepam, zopiclone, chlordiazepoxide

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Zopiclone	Zopiclone-D4	6.129	164440	323086	0.5090	21.1088
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	567903	1032722	0.5499	55.5849

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

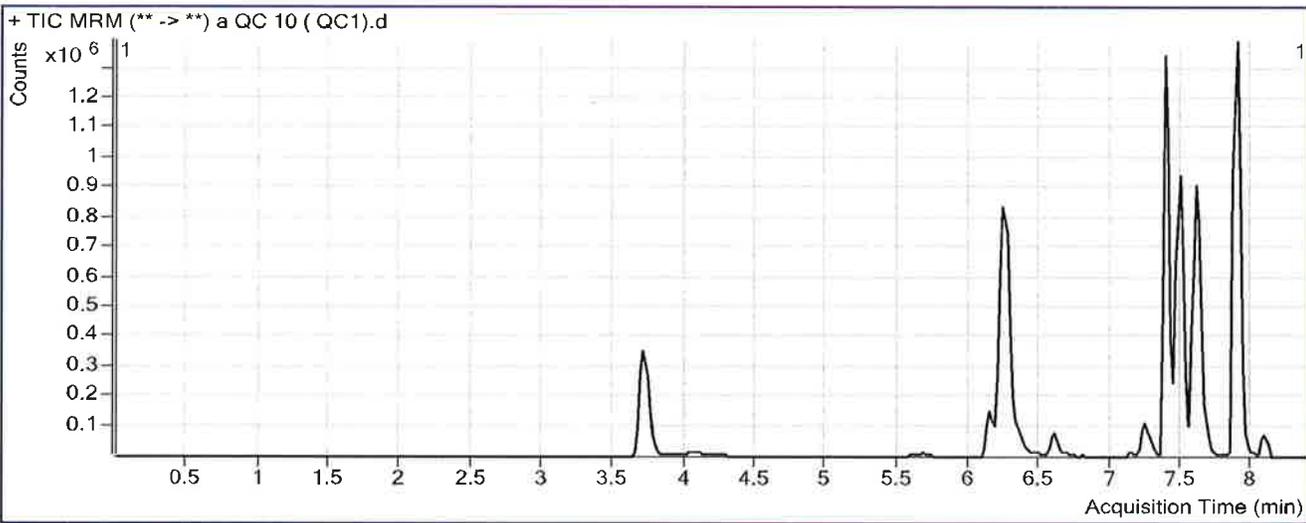
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Analysis Time 4/27/2018 12:22 PM **Analyst Name** ISPUser
Report Time 4/27/2018 12:25 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 12:22 PM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 21:44 **Data File** a QC 10 (QC1).d
Sample Type QC **Sample Name** a QC 10 (QC1)
Dilution 1 **Acq Method** MDQ Panel 2a 1-31-18.m
Position P2-A6 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.716	278078	1236579	0.2249	10.1556
Levamisole	Benzoylcegonine-d8	4.065	81020	23818	3.4016	9.6054
Benzoylcegonine	Benzoylcegonine-d8	5.697	8219	23818	0.3451	13.3381
Zopiclone	Zopiclone-D4	6.129	96054	446185	0.2153	9.9650
Cocaine	Cocaine-D3	6.213	272508	1151860	0.2366	10.3357
Methylphenidate	Methylphenidate-D4	6.267	497481	1682110	0.2957	10.1261
Metoprolol	Methylphenidate-D4	6.282	64455	1682110	0.0383	10.0293
Ondansetron	Carbamazepine-13C6	6.336	145108	3481641	0.0417	10.0803
Mirtazapine	Doxepin-D3	6.605	171165	345951	0.4948	12.4896
Mitragynine	Doxepin-D3	7.132	42312	345951	0.1223	10.1281
Doxepin	Doxepin-D3	7.245	61390	345951	0.1775	10.1051
Carbamazepine	Carbamazepine-13C6	7.393	561881	3481641	0.1614	10.3312
Protriptyline	Protriptyline-d3	7.470	74889	383275	0.1954	10.3697
Estazolam	Estazolam-D5	7.484	290013	1548817	0.1872	10.3344
Amitriptyline	Amitriptyline-D3	7.487	133650	302661	0.4416	9.5118
Maprotiline	Nortriptyline-d3	7.487	140287	299653	0.4682	9.4546
Nortriptyline	Nortriptyline-d3	7.511	59024	299653	0.1970	10.0651
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	213871	1196370	0.1788	10.6099
Midazolam	Midazolam-D4	7.620	57158	916209	0.0624	9.9848

Did not evaluate P

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *a QC 10 (QC1)*

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	107207	1236908	0.0867	9.3784
Phenazepam	Phenazepam-D4	7.656	37457	55859	0.6706	9.2673
Prazepam	Prazepam-D5	7.883	733566	3455994	0.2123	9.6513

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

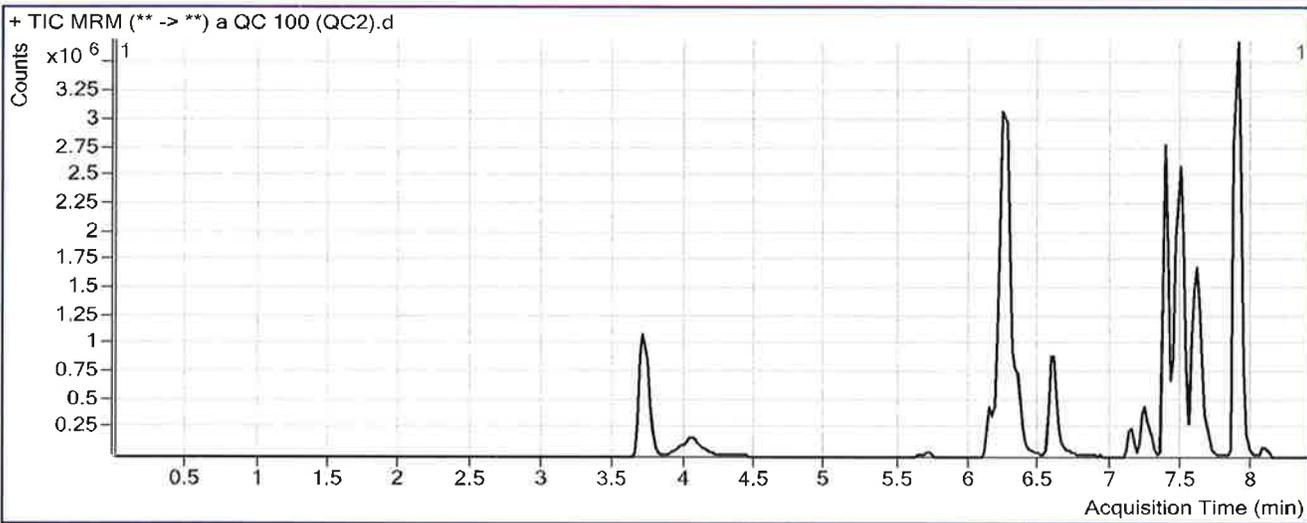
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Report Time 4/27/2018 12:25 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 12:22 PM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 23:50 **Data File** a QC 100 (QC2).d
Sample Type QC **Sample Name** a QC 100 (QC2)
Dilution 1 **Acq Method** MDQ Panel 2a 1-31-18.m
Position P2-B6 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.716	3100063	1253297	2.4735	96.8812
Levamisole	Benzoylcegonine-d8	4.045	973699	22324	43.6166	120.1860
Benzoylcegonine	Benzoylcegonine-d8	5.697	77020	22324	3.4501	94.0359
Zopiclone	Zopiclone-D4	6.129	936683	384660	2.4351	94.1938
Cocaine	Cocaine-D3	6.213	2828981	1131516	2.5002	93.9072
Methylphenidate	Methylphenidate-D4	6.267	5523767	1814562	3.0441	96.6042
Metoprolol	Methylphenidate-D4	6.282	661923	1814562	0.3648	95.7996
Ondansetron	Carbamazepine-13C6	6.336	1618631	2745582	0.5895	119.0297
Mirtazapine	Doxepin-D3	6.605	2124127	438623	4.8427	102.4312
Mitragynine	Doxepin-D3	7.132	677970	438623	1.5457	105.8123
Doxepin	Doxepin-D3	7.245	888533	438623	2.0257	101.6814
Carbamazepine	Carbamazepine-13C6	7.393	4804254	2745582	1.7498	96.7363
Protriptyline	Protriptyline-d3	7.470	958179	428606	2.2356	99.7204
Estazolam	Estazolam-D5	7.484	2062995	1020480	2.0216	91.7356
Amitriptyline	Amitriptyline-D3	7.487	1691336	361111	4.6837	99.8217
Maprotiline	Nortriptyline-d3	7.487	1713740	344341	4.9769	99.1431
Nortriptyline	Nortriptyline-d3	7.491	740137	344341	2.1494	95.7119
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	1905882	959005	1.9874	112.5305
Midazolam	Midazolam-D4	7.600	575924	834994	0.6897	94.6790

Did not evaluate P

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report a QC 100 (QC2)^S

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	930621	889508	1.0462	105.0906
Phenazepam	Phenazepam-D4	7.656	301937	38134	7.9177	104.5931
Prazepam	Prazepam-D5	7.883	6765121	3110542	2.1749	107.1020

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

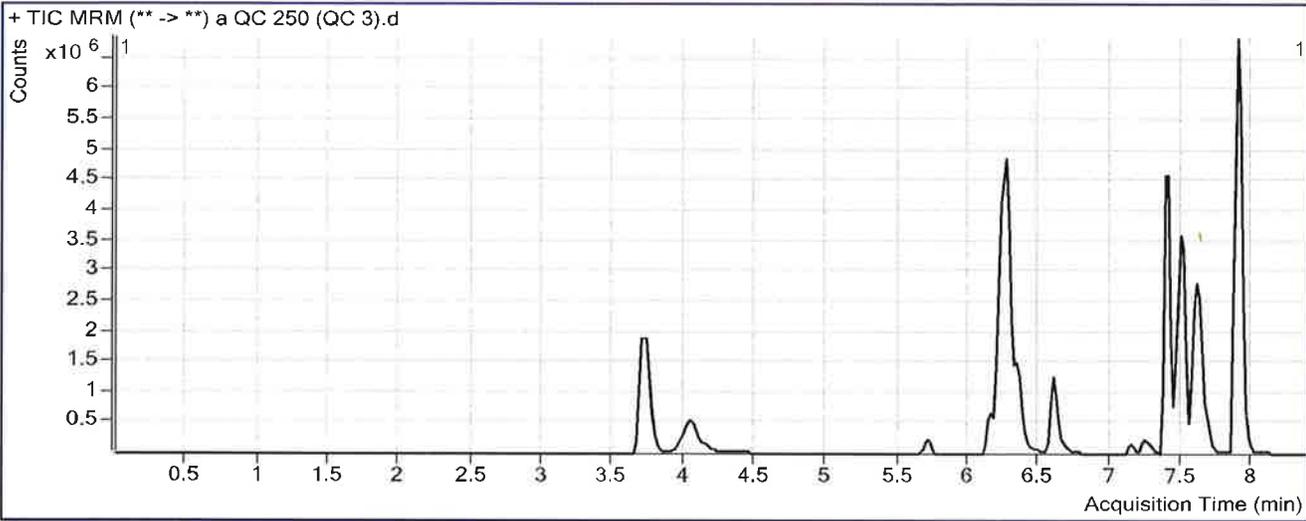
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklist 2:
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Report Time 4/27/2018 12:25 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 12:22 PM **Batch State** Processed

Analysis Info

Acq Time 2018-04-27 01:56 **Data File** a QC 250 (QC 3).d
Sample Type QC **Sample Name** a QC 250 (QC 3)
Dilution 1 **Acq Method** MDQ Panel 2a 1-31-18.m
Position P2-C6 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.736	6864576	1081175	6.3492	246.3568
Levamisole	Benzoylcegonine-d8	4.045	2675101	21453	124.6973	343.1367
Benzoylcegonine	Benzoylcegonine-d8	5.717	477272	21453	22.2476	582.5746
Zopiclone	Zopiclone-D4	6.149	1675908	259950	6.4470	246.4241
Cocaine	Cocaine-D3	6.213	6396960	952227	6.7179	249.6255
Methylphenidate	Methylphenidate-D4	6.267	8624221	1145347	7.5298	237.7457
Metoprolol	Methylphenidate-D4	6.282	1324519	1145347	1.1564	303.7848
Orndansetron	Carbamazepine-13C6	6.336	3360064	2577584	1.3036	261.0237
Mirtazapine	Doxepin-D3	6.605	2701639	110837	24.3749	506.4723
Mitragynine	Doxepin-D3	7.132	437285	110837	3.9453	267.1229
Doxepin	Doxepin-D3	7.245	563252	110837	5.0818	253.0993
Carbamazepine	Carbamazepine-13C6	7.413	11328729	2577584	4.3951	240.6307
Protriptyline	Protriptyline-d3	7.470	659044	116783	5.6433	248.9636
Estazolam	Estazolam-D5	7.484	5574277	1115774	4.9959	223.7233
Amitriptyline	Amitriptyline-D3	7.487	1093299	77847	14.0441	299.0949
Maprotiline	Nortriptyline-d3	7.487	1099328	85874	12.8017	254.7965
Nortriptyline	Nortriptyline-d3	7.511	539582	85874	6.2834	277.0550
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	4068480	876504	4.6417	262.1137
Midazolam	Midazolam-D4	7.620	1372952	765140	1.7944	243.8097

outside curve range P
 Did not evaluate P
 outside P curve range

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report a QC 250 (QC3)

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	1798341	787381	2.2840	228.5513
Phenazepam	Phenazepam-D4	7.656	505107	27028	18.6882	246.2626
Prazepam	Prazepam-D5	7.883	13828607	2627320	5.2634	260.4543

ISP FORENSICS - Pocatello Instrument # 59740

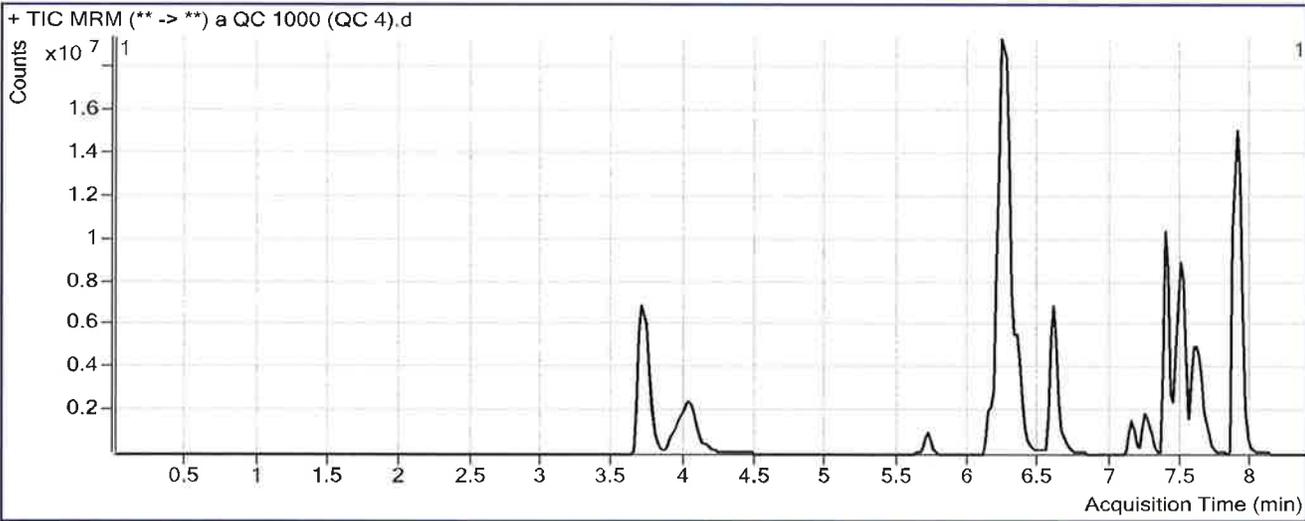
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklist 2:
Analysis Time 4/27/2018 12:22 PM **Analyst Name** ISPUser
Report Time 4/27/2018 12:26 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 12:22 PM **Batch State** Processed

Analysis Info

Acq Time 2018-04-27 02:59 **Data File** a QC 1000 (QC 4).d
Sample Type QC **Sample Name** a QC 1000 (QC 4)
Dilution 1 **Acq Method** MDQ Panel 2a 1-31-18.m
Position P2-D6 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.716	29070709	1068234	27.2138	1051.0610
Levamisole	Benzoyllecgonine-d8	4.025	13418075	24612	545.1882	1499.3751
Benzoyllecgonine	Benzoyllecgonine-d8	5.717	1877314	24612	76.2769	1986.7696
Zopiclone	Zopiclone-D4	6.149	5863699	225031	26.0572	990.5162
Cocaine	Cocaine-D3	6.213	27165003	973175	27.9138	1032.1767
Methylphenidate	Methylphenidate-D4	6.267	40108920	1344117	29.8403	939.7495
Metoprolol	Methylphenidate-D4	6.282	4106387	1344117	3.0551	802.6037
Ondansetron	Carbamazepine-13C6	6.336	13992344	1507192	9.2837	1847.9720
Mirtazapine	Doxepin-D3	6.605	15360331	226652	67.7706	1404.1554
Mitragynine	Doxepin-D3	7.132	4084567	226652	18.0213	1213.3648
Doxepin	Doxepin-D3	7.245	4938172	226652	21.7875	1080.8116
Carbamazepine	Carbamazepine-13C6	7.393	26658595	1507192	17.6876	963.6973
Protriptyline	Protriptyline-d3	7.470	3871546	158987	24.3514	1068.2924
Estazolam	Estazolam-D5	7.484	9726215	425129	22.8783	1017.2751
Amitriptyline	Amitriptyline-D3	7.487	7312037	157197	46.5150	990.3622
Maprotiline	Nortriptyline-d3	7.487	7334732	126171	58.1334	1156.5501
Nortriptyline	Nortriptyline-d3	7.511	3361664	126171	26.6438	1170.1879
alpha-hydroxyimidazolam	alpha-hydroxyimidazolam-D4	7.578	8848209	500676	17.6725	996.4494
Midazolam	Midazolam-D4	7.620	4358085	580604	7.5061	1014.9130

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report a QC 1000 (QC 4)

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.643	3935213	369640	10.6461	1062.6508
Phenazepam	Phenazepam-D4	7.676	1042511	14776	70.5538	928.4802
Prazepam	Prazepam-D5	7.883	40855759	1928961	21.1802	1050.7689

ISP FORENSICS Calibration Curve Report

B

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklist 2354 SP.batch.bin

Last Calib Update

4/27/2018 12:22 PM

Analyst Name

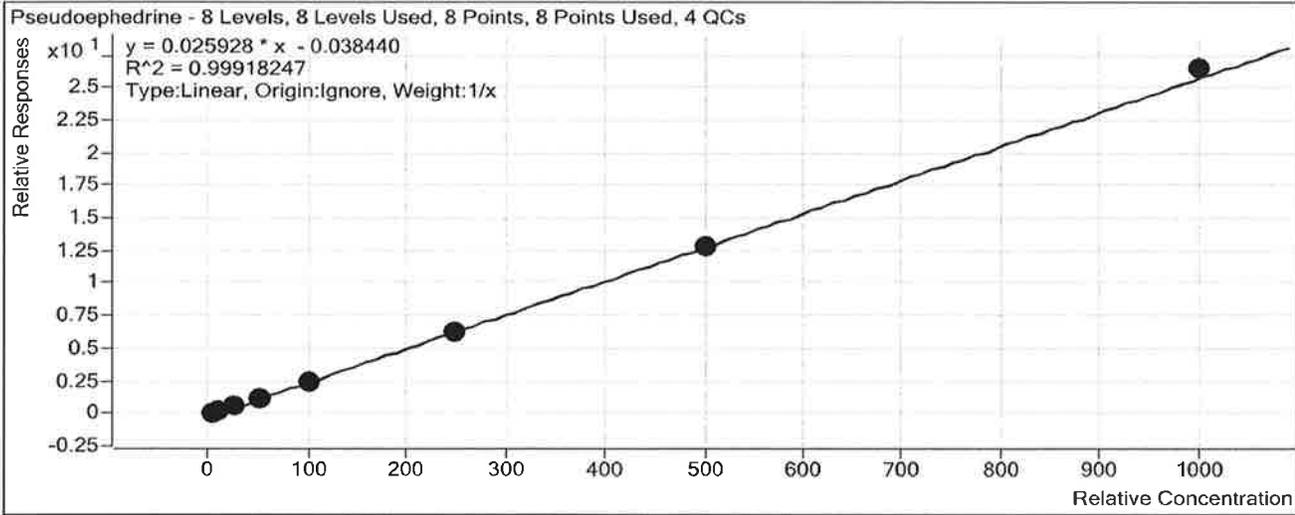
ISP TOX

Target Compound

Pseudoephedrine

Internal Standard

Pseudoephedrine-D3

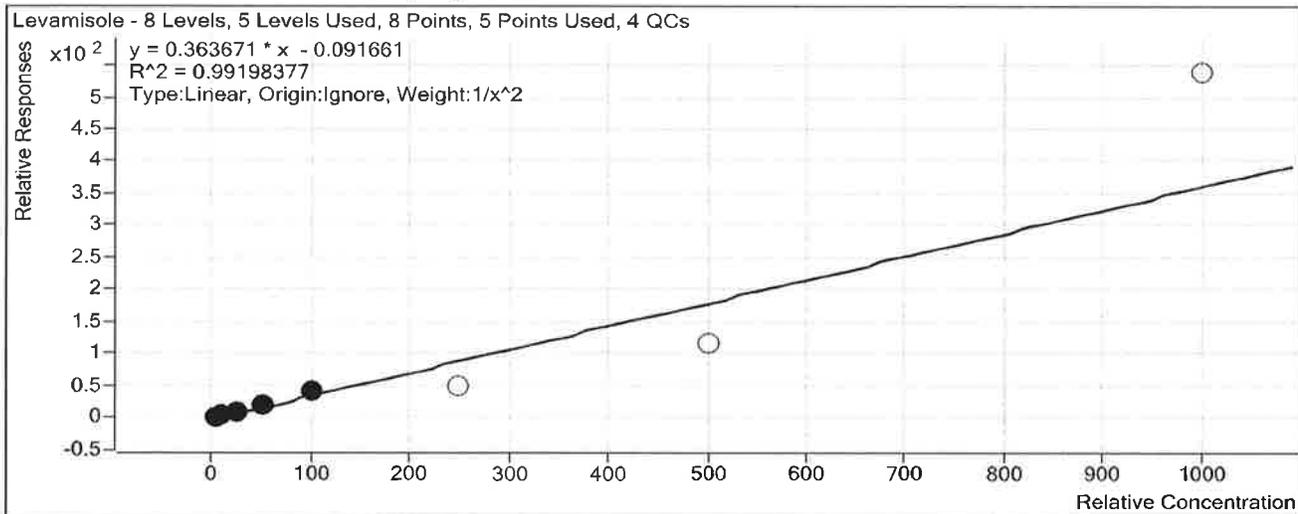


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.8	116.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.6
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.2	101.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	96.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.7	95.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.3	95.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	96.9	96.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	239.3	95.7
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	246.4	98.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.5	99.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1021.5	102.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1051.1	105.1

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 12:22 PM **Analyst Name** ISP TOX

Target Compound Levamisole
Internal Standard Benzoylecgonine-d8



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.1
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.6	96.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.3	89.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.5	100.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.5	108.5
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	120.2	120.2
a cal 6-250ng	6	<input type="checkbox"/>	250	137.9	55.1
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	343.1	137.3
a cal 7-500ng	7	<input type="checkbox"/>	500	318.3	63.7
a cal 8-1000ng	8	<input type="checkbox"/>	1000	1478.5	147.9
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1499.4	149.9

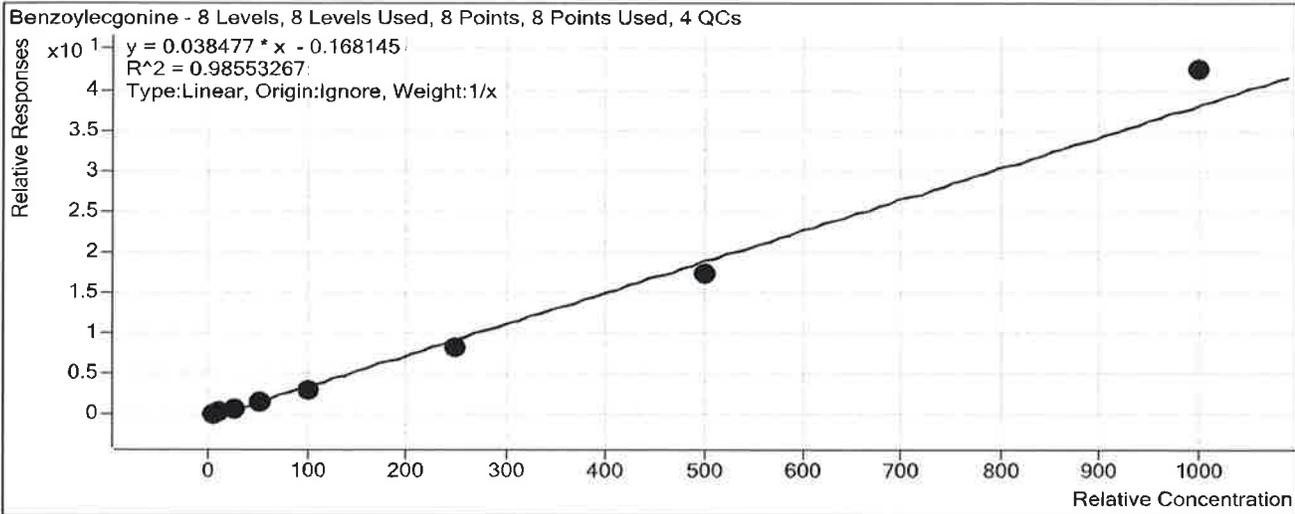
ISP FORENSICS Calibration Curve Report

B

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklst 2354 SP.batch.bin

Last Calib Update 4/27/2018 12:22 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	7.5	150.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.0	109.9
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	13.3	133.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	20.4	81.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	42.9	85.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	83.9	83.9
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	94.0	94.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	218.1	87.2
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	582.6	233.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	450.4	90.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1105.7	110.6
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1986.8	198.7

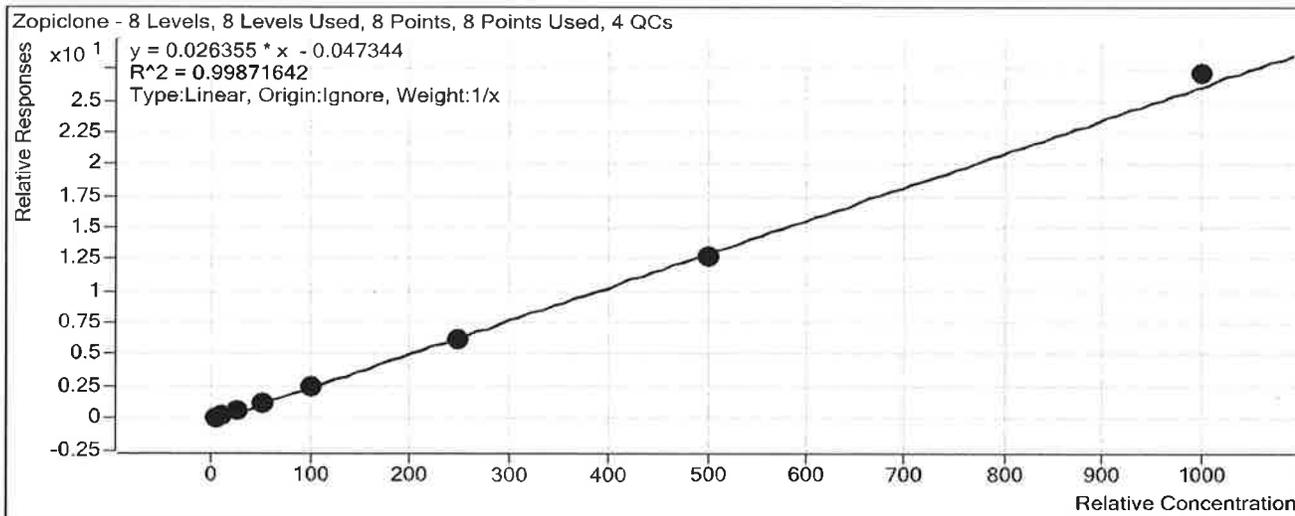
Did not evaluate. Qualifier peak missing.

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklst 2354 SP.batch.bin

Last Calib Update 4/27/2018 12:22 PM **Analyst Name** ISP TOX

Target Compound Zopiclone
Internal Standard Zopiclone-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.8	116.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.8
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.0	99.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.5	98.5
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	94.2	94.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	235.8	94.3
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	246.4	98.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	488.2	97.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1029.9	103.0
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	990.5	99.1

ISP Forensics Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklst 2354 SP.batch.bin

Last Calib Update

4/27/2018 12:22 PM

Analyst Name

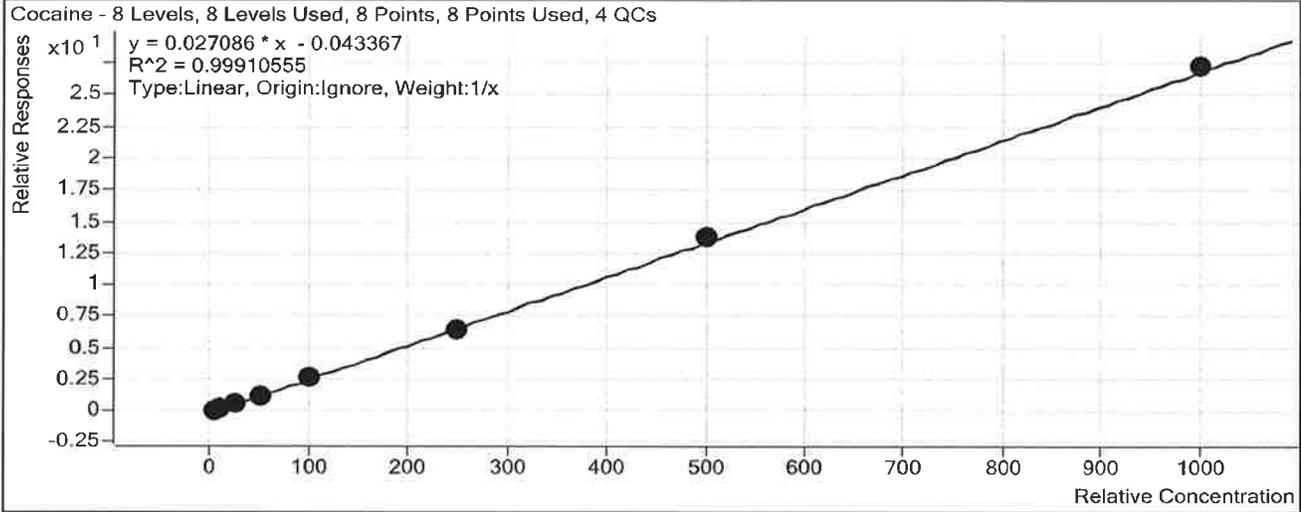
ISP TOX

Target Compound

Cocaine

Internal Standard

Cocaine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.9	117.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.3
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.3	103.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.6	94.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.2	92.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.2	97.2
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	93.9	93.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	237.3	94.9
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	249.6	99.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	511.6	102.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1008.2	100.8
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1032.2	103.2

Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618
MDQP2a wklist 2354 SP.batch.bin

Last Calib Update

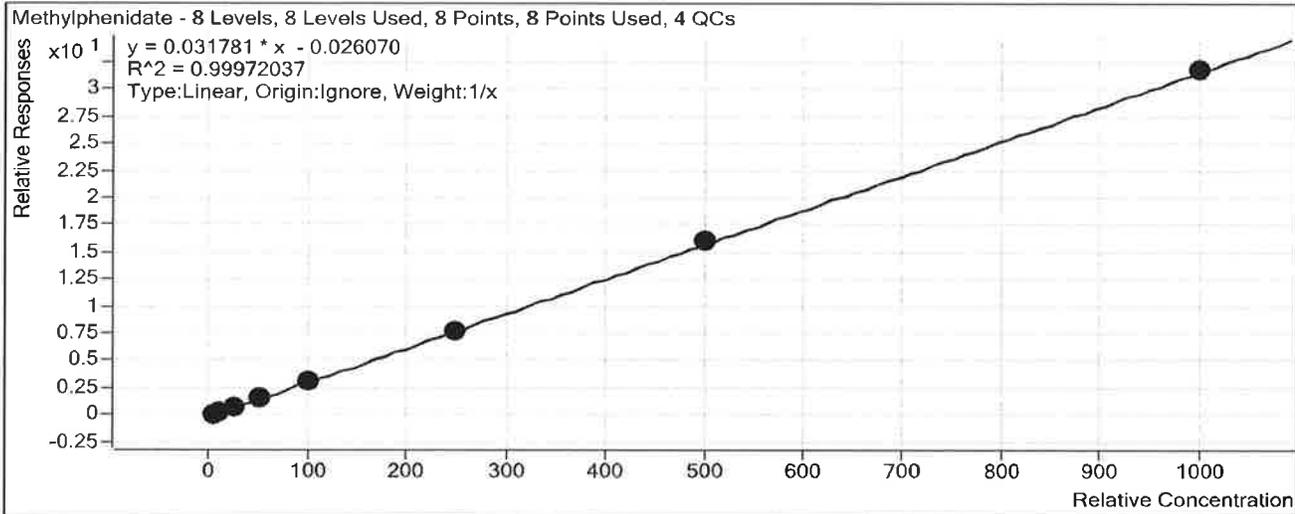
4/27/2018 12:22 PM

Analyst Name

ISP TOX

Target Compound*Methylphenidate*

Internal Standard

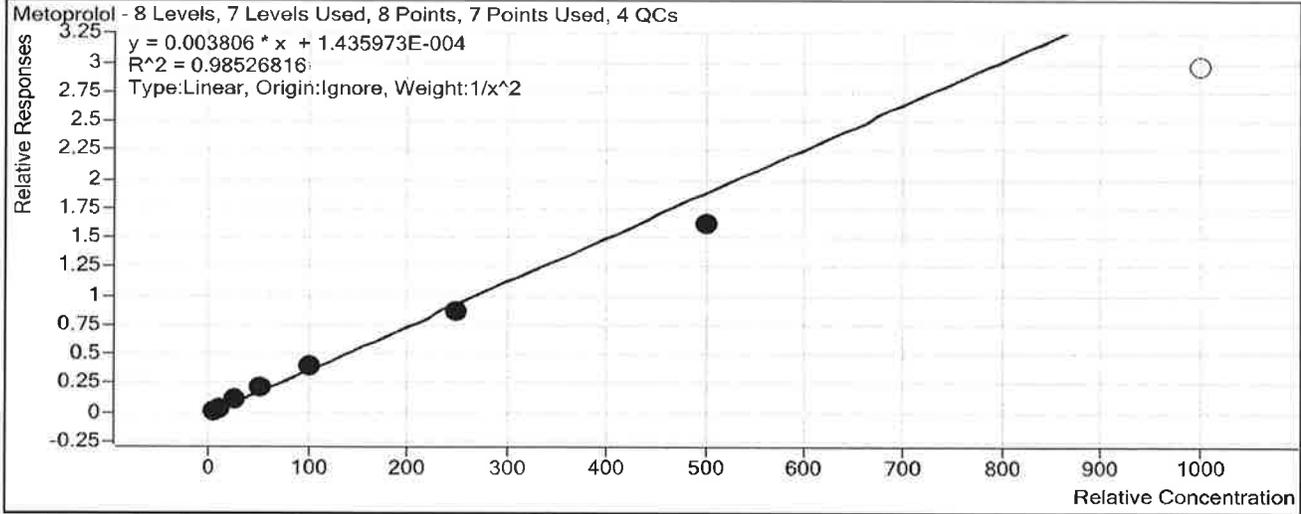
Methylphenidate-D4

Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	108.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.4
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.1	101.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.9	100.9
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	96.6	96.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	243.5	97.4
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	237.7	95.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.1	101.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	999.0	99.9
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	939.7	94.0

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wkst 2354 SP.batch.bin
Last Calib Update 4/27/2018 12:22 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.0
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.0	100.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.0	107.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	57.9	115.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.3	104.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	95.8	95.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	228.3	91.3
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	303.8	121.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	425.6	85.1
a cal 8-1000ng	8	<input type="checkbox"/>	1000	778.2	77.8
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	802.6	80.3

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklst 2354 SP.batch.bin

Last Calib Update

4/27/2018 12:22 PM

Analyst Name

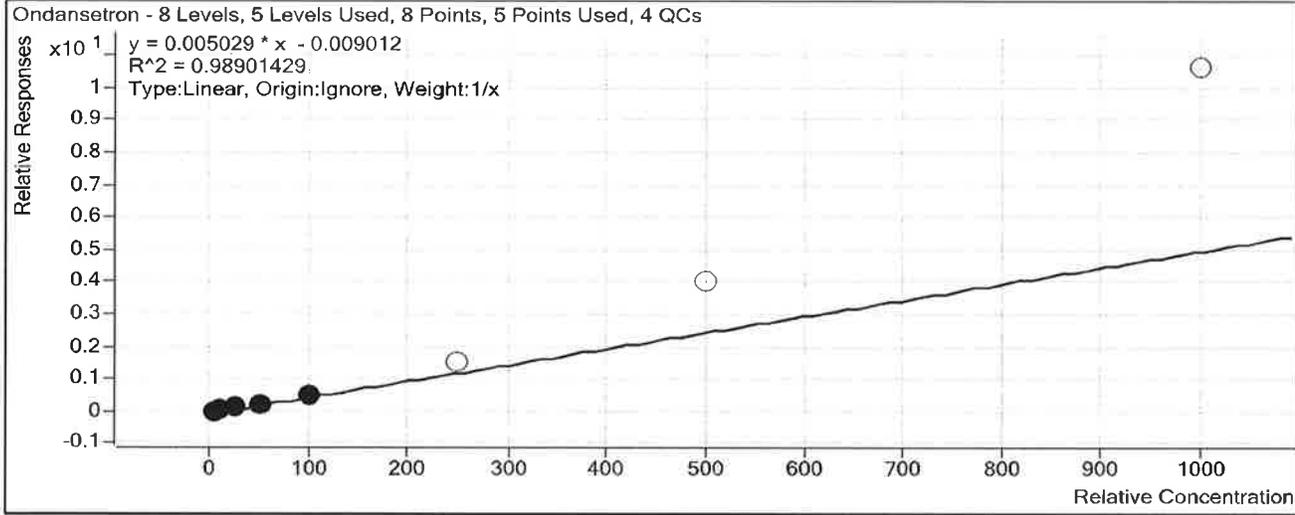
ISP TOX

Target Compound

Ondansetron

Internal Standard

Carbamazepine-13C6

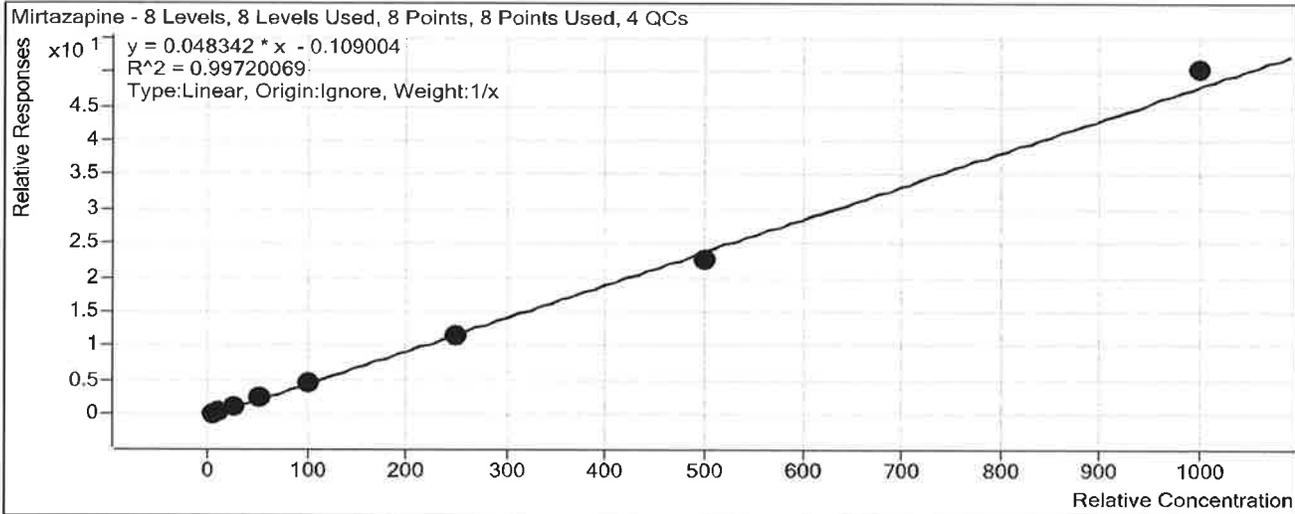


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.7	114.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.2
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.1	100.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.6	90.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.9	89.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.0	107.0
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	119.0	119.0
a cal 6-250ng	6	<input type="checkbox"/>	250	305.0	122.0
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	261.0	104.4
a cal 7-500ng	7	<input type="checkbox"/>	500	796.5	159.3
a cal 8-1000ng	8	<input type="checkbox"/>	1000	2113.4	211.3
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1848.0	184.8

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 12:22 PM **Analyst Name** ISP TOX

Target Compound Mirtazapine
Internal Standard Doxepin-D3

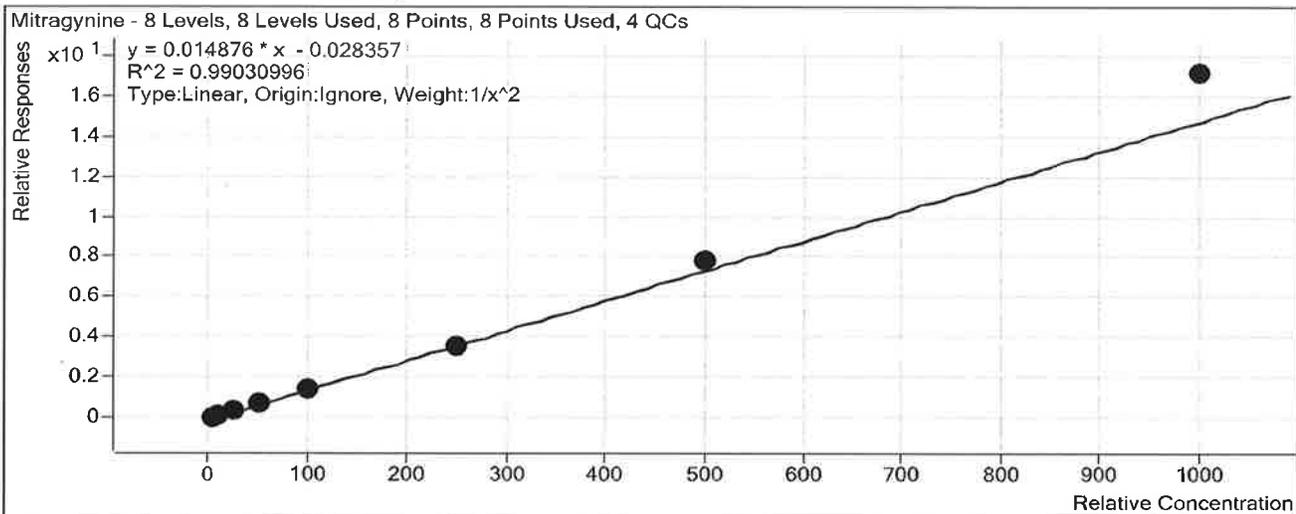


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.5	110.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.8
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	12.5	124.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	95.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.9	107.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.3	96.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	102.4	102.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	238.6	95.5
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	506.5	202.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	468.4	93.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1043.6	104.4
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1404.2	140.4

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 12:22 PM **Analyst Name** ISP TOX

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

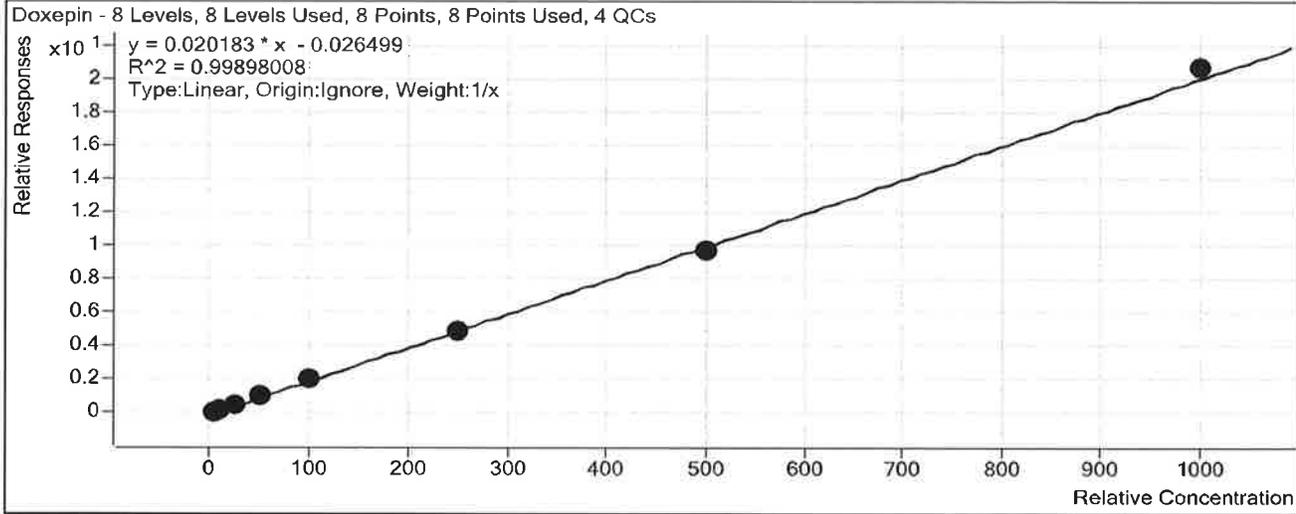


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	92.7
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.1	101.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.3	89.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.3	94.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.1	99.1
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	105.8	105.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.4	96.9
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	267.1	106.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	528.9	105.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1153.3	115.3
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1213.4	121.3

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 12:22 PM **Analyst Name** ISP TOX

Target Compound Doxepin
Internal Standard Doxepin-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.7	114.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.1
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.1	101.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.0	103.0
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	101.7	101.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.3	96.9
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	253.1	101.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	481.9	96.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1024.8	102.5
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1080.8	108.1

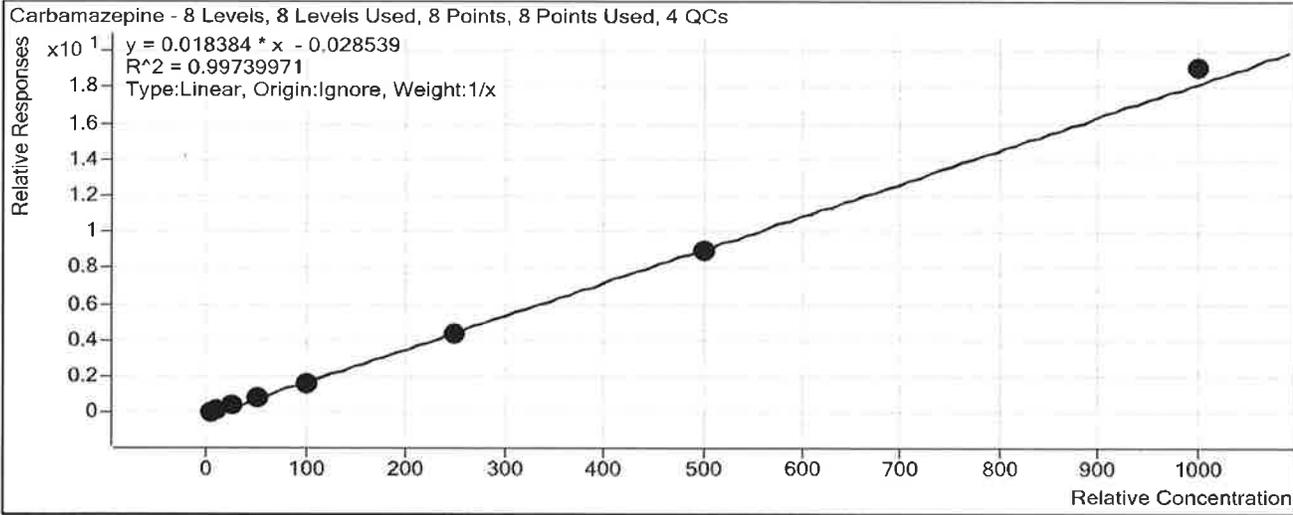
ISP FORENSICS

Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklst 2354 SP.batch.bin

Last Calib Update 4/27/2018 12:22 PM **Analyst Name** ISP TOX

Target Compound Carbamazepine
Internal Standard Carbamazepine-13C6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.1	122.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.9
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.3	103.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.0	94.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	86.9	86.9
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	96.7	96.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	236.1	94.5
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	240.6	96.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	491.1	98.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1038.3	103.8
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	963.7	96.4

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklst 2354 SP.batch.bin

Last Calib Update

4/27/2018 12:22 PM

Analyst Name

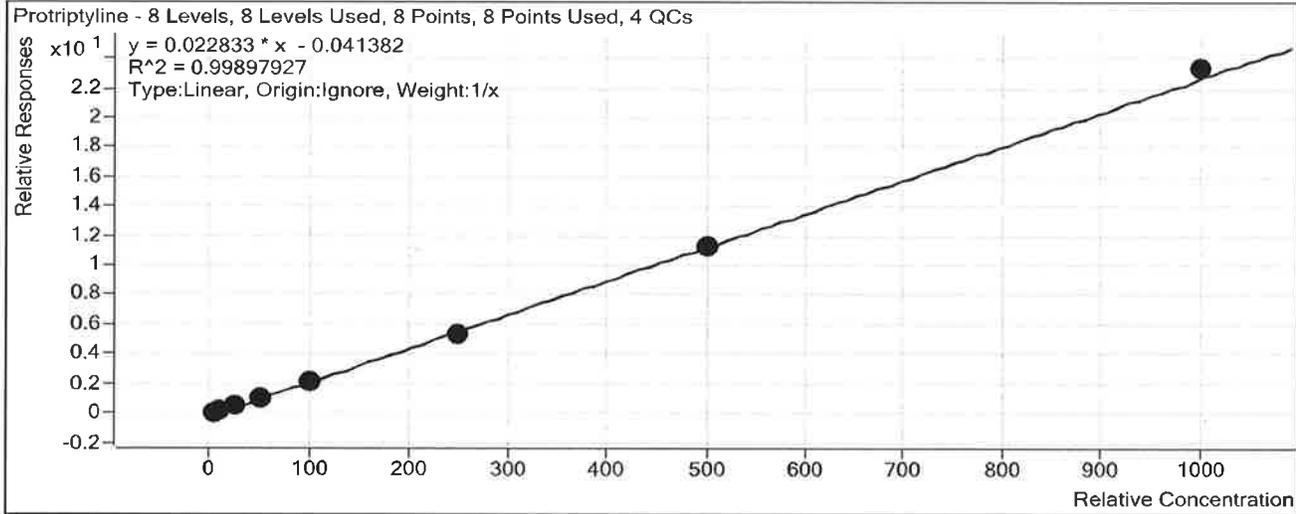
ISP TOX

Target Compound

Protriptyline

Internal Standard

Protriptyline-d3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.1	121.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.2
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.4	103.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.4	93.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.9	93.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.9	95.9
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.7	99.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	237.8	95.1
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	249.0	99.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.6	99.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1022.4	102.2
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1068.3	106.8

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklst 2354 SP.batch.bin

Last Calib Update

4/27/2018 12:22 PM

Analyst Name

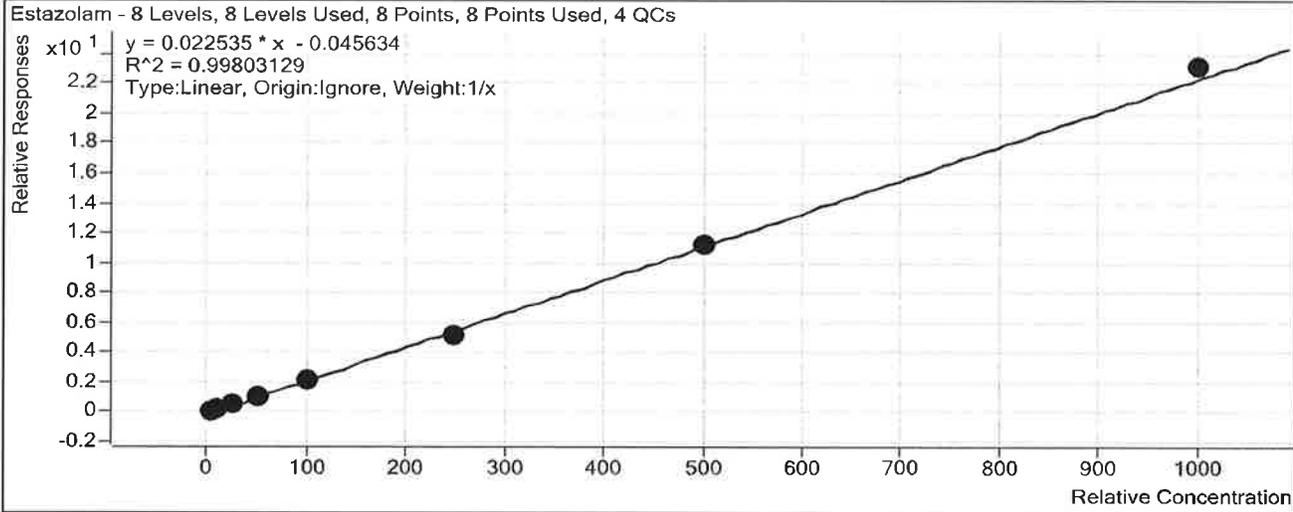
ISP TOX

Target Compound

Estazolam

Internal Standard

Estazolam-D5

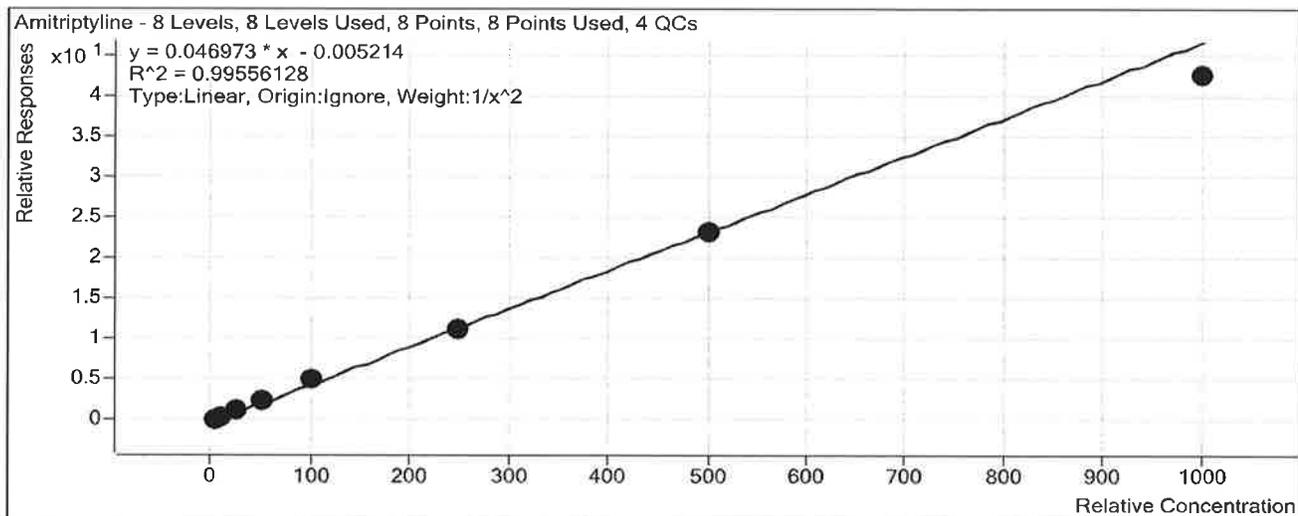


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.3	125.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.4
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.3	103.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.2	92.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.1	90.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	92.0	92.0
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	91.7	91.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	233.3	93.3
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	223.7	89.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.0	100.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1027.9	102.8
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1017.3	101.7

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklist 2354 SP.batch.bin
Last Calib Update 4/27/2018 12:22 PM **Analyst Name** ISP TOX

Target Compound Amitriptyline
Internal Standard Amitriptyline-D3

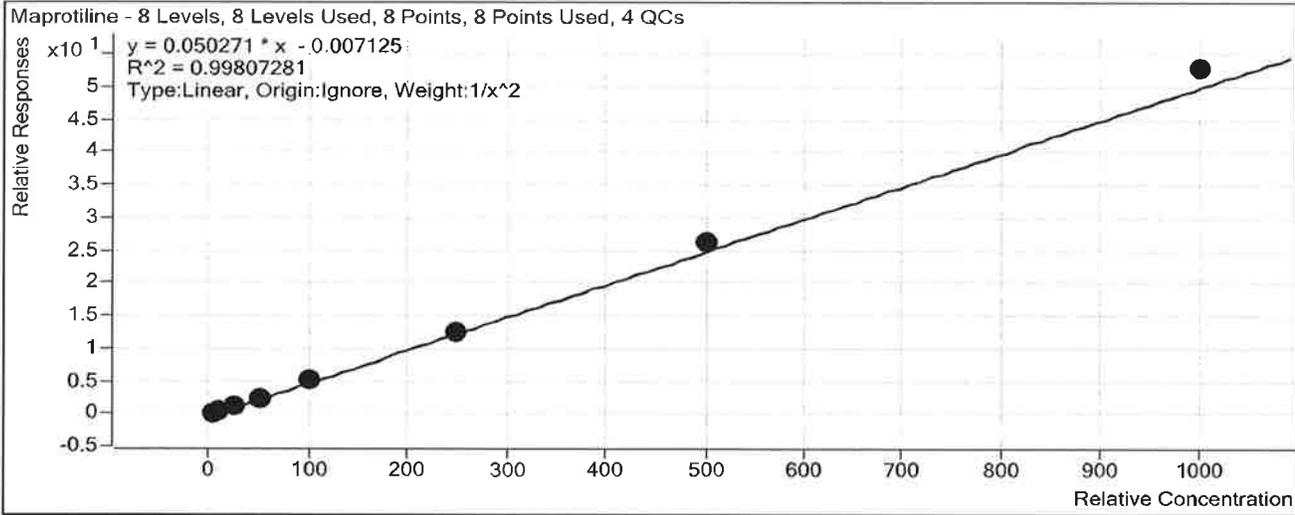


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.9
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.5	95.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.8	107.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.2	108.2
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.8	99.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.5	97.0
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	299.1	119.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.6	99.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	904.7	90.5
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	990.4	99.0

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 12:22 PM **Analyst Name** ISP TOX

Target Compound *Maprotiline*
Internal Standard *Nortriptyline-d3*



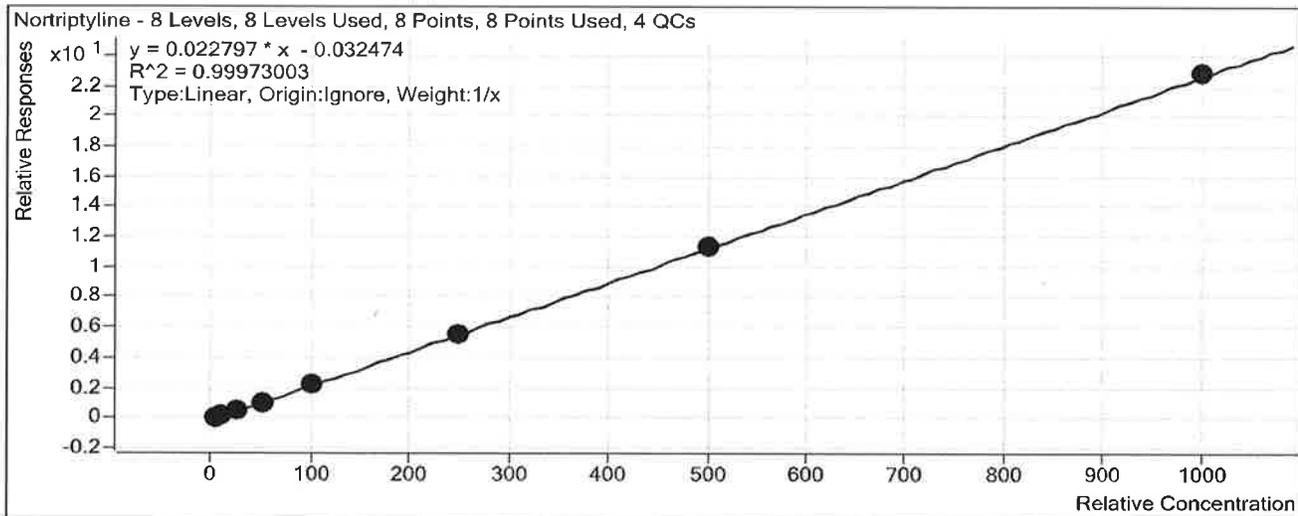
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.3
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.5	94.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.5	94.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.4	100.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.1	99.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.0	98.4
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	254.8	101.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	524.3	104.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1049.9	105.0
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1156.6	115.7

ISP FORENSICS Calibration Curve Report

R

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklist 2354 SP.batch.bin
Last Calib Update 4/27/2018 12:22 PM **Analyst Name** ISP TOX

Target Compound *Nortriptyline*
Internal Standard *Nortriptyline-d3*

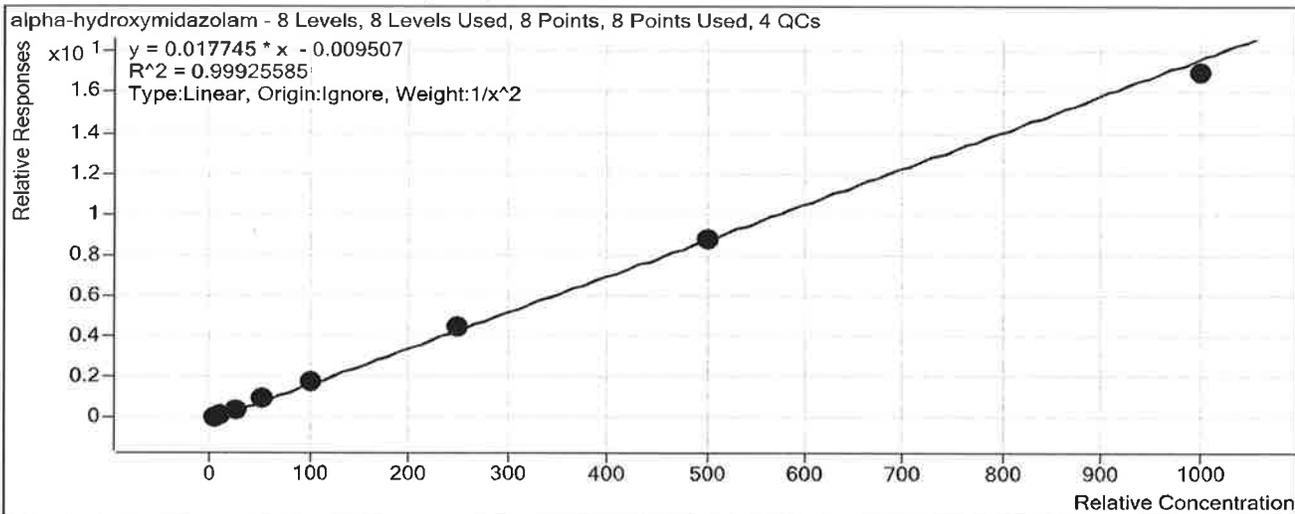


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
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a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.6
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.1	100.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.0	91.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.1	94.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.4	101.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	95.7	95.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	247.9	99.2
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	277.1	110.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.9	100.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1002.1	100.2
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1170.2	117.0

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 12:22 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.7
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.6	106.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.0	104.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.3	101.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	112.5	112.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.6	100.3
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	262.1	104.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.3	99.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	954.9	95.5
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	996.4	99.6

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklst 2354 SP.batch.bin

Last Calib Update

4/27/2018 12:22 PM

Analyst Name

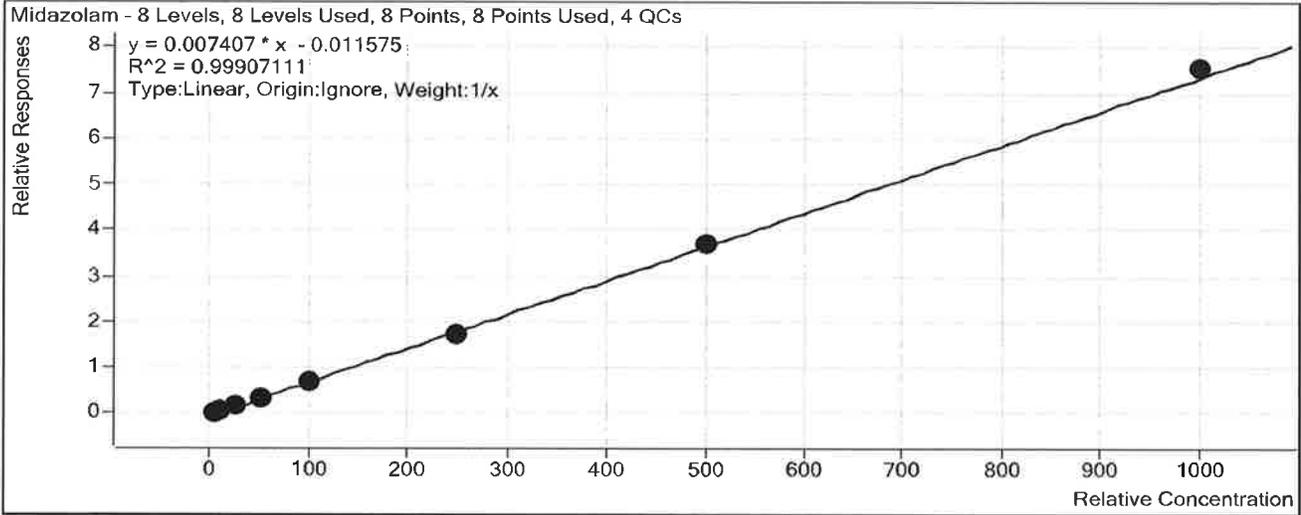
ISP TOX

Target Compound

Midazolam

Internal Standard

Midazolam-D4



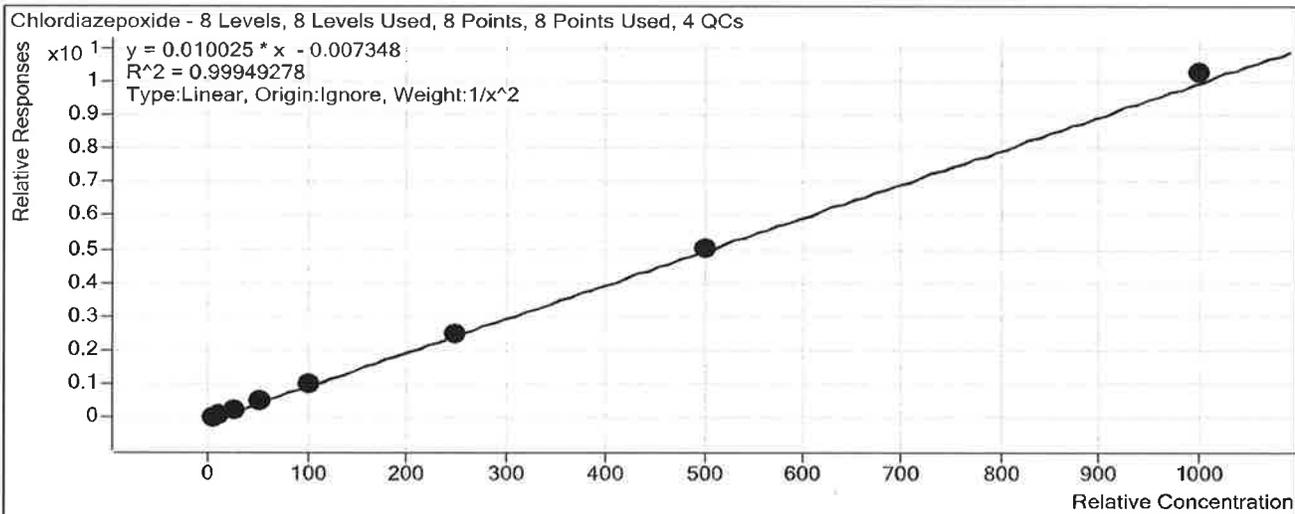
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
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a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.8
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.0	99.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.0	92.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.6	95.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.9	96.9
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	94.7	94.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	236.2	94.5
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	243.8	97.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.4	100.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1018.8	101.9
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1014.9	101.5

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklist 2354 SP.batch.bin

Last Calib Update 4/27/2018 12:22 PM **Analyst Name** ISP TOX

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

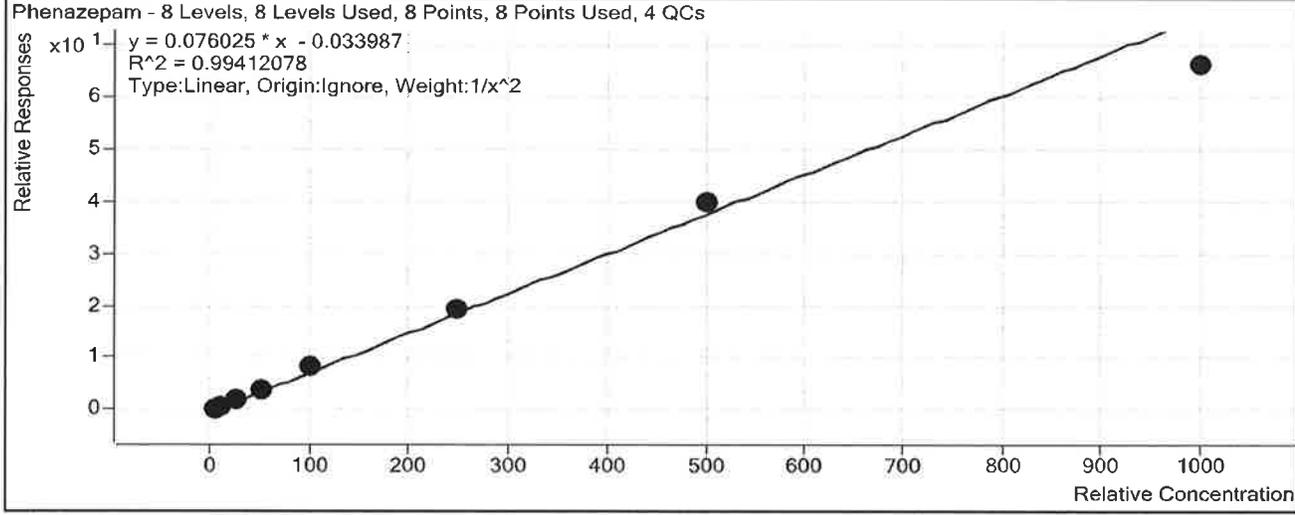


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.6
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.4	93.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.0	97.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.0	101.0
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	105.1	105.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.5	99.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	228.6	91.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.0	100.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1022.8	102.3
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1062.7	106.3

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 12:22 PM **Analyst Name** ISP TOX

Target Compound Phenazepam
Internal Standard Phenazepam-D4

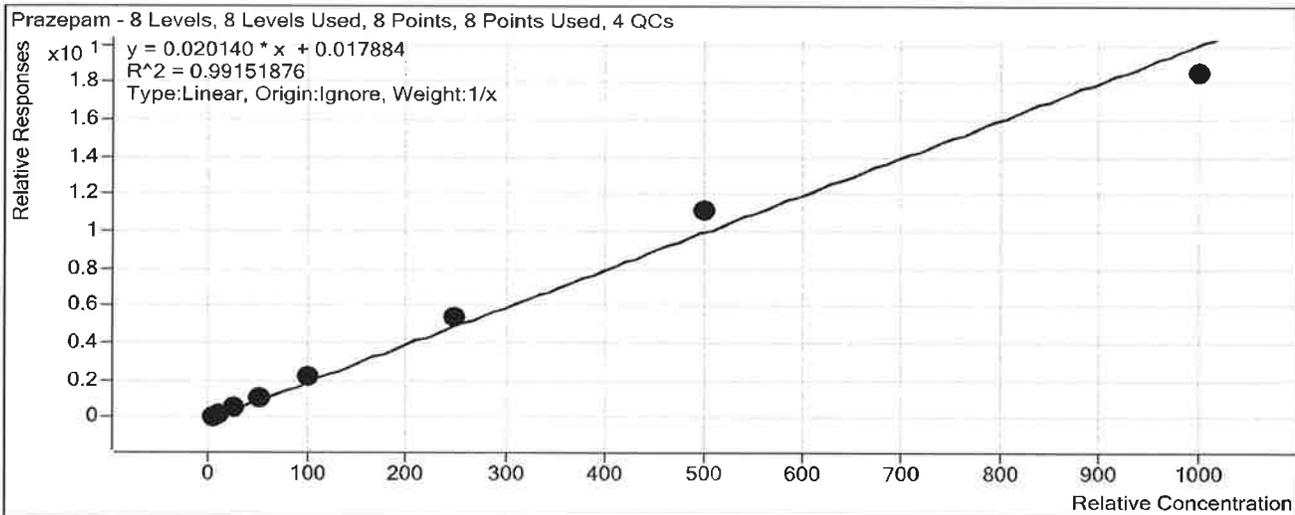


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.1
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.3	92.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.2	102.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.9	108.9
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	104.6	104.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.4	102.6
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	246.3	98.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	523.6	104.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	869.9	87.0
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	928.5	92.8

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 12:22 PM **Analyst Name** ISP TOX

Target Compound Prazepam
Internal Standard Prazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.4	87.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	91.9
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.7	96.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	97.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.1	104.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.5	107.5
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	107.1	107.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	270.1	108.0
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	260.5	104.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	554.5	110.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	917.7	91.8
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1050.8	105.1

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

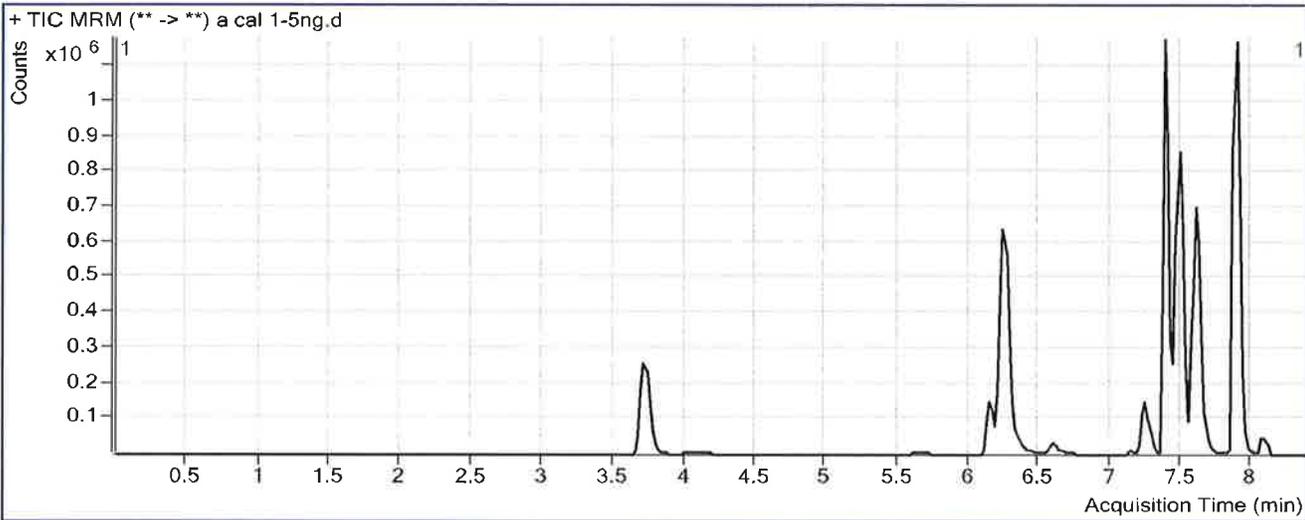
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklist 2:
Analysis Time 4/27/2018 12:22 PM **Analyst Name** ISUser
Report Time 4/27/2018 12:24 PM **Reporter Name** ISUser
Last Calib Update 4/27/2018 12:22 PM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 15:41 **Data File** a cal 1-5ng.d
Sample Type Calibration **Sample Name** a cal 1-5ng
Dilution 1 **Acq Method** MDQ Panel 2a 1-31-18.m
Position P2-A5 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.736	121340	1078715	0.1125	5.8209
Levamisole	Benzoyllecgonine-d8	4.065	40323	22857	1.7641	5.1029
Benzoyllecgonine	Benzoyllecgonine-d8	5.717	2790	22857	0.1221	7.5423
Zopiclone	Zopiclone-D4	6.149	53423	503095	0.1062	5.8256
Cocaine	Cocaine-D3	6.213	115799	998750	0.1159	5.8818
Methylphenidate	Methylphenidate-D4	6.267	210999	1448883	0.1456	5.4025
Metoprolol	Methylphenidate-D4	6.282	27346	1448883	0.0189	4.9209
Ondansetron	Carbamazepine-13C6	6.336	62852	3164935	0.0199	5.7413
Mirtazapine	Doxepin-D3	6.605	78057	492038	0.1586	5.5365
Mitragynine	Doxepin-D3	7.132	24953	492038	0.0507	5.3154
Doxepin	Doxepin-D3	7.245	43691	492038	0.0888	5.7125
Carbamazepine	Carbamazepine-13C6	7.393	266964	3164935	0.0844	6.1408
Protriptyline	Protriptyline-d3	7.470	53077	544141	0.0975	6.0843
Estazolam	Estazolam-D5	7.484	123589	1294790	0.0955	6.2608
Amitriptyline	Amitriptyline-D3	7.487	105215	455859	0.2308	5.0246
Maprotiline	Nortriptyline-d3	7.487	109421	436955	0.2504	5.1231
Nortriptyline	Nortriptyline-d3	7.511	42095	436955	0.0963	5.6505
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	74853	948649	0.0789	4.9824
Midazolam	Midazolam-D4	7.620	26148	819681	0.0319	5.8693

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

Q Cal 1 D

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	43044	984048	0.0437	5.0960
Phenazepam	Phenazepam-D4	7.656	16130	45991	0.3507	5.0604
Prazepam	Prazepam-D5	7.883	348716	3281055	0.1063	4.3892

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

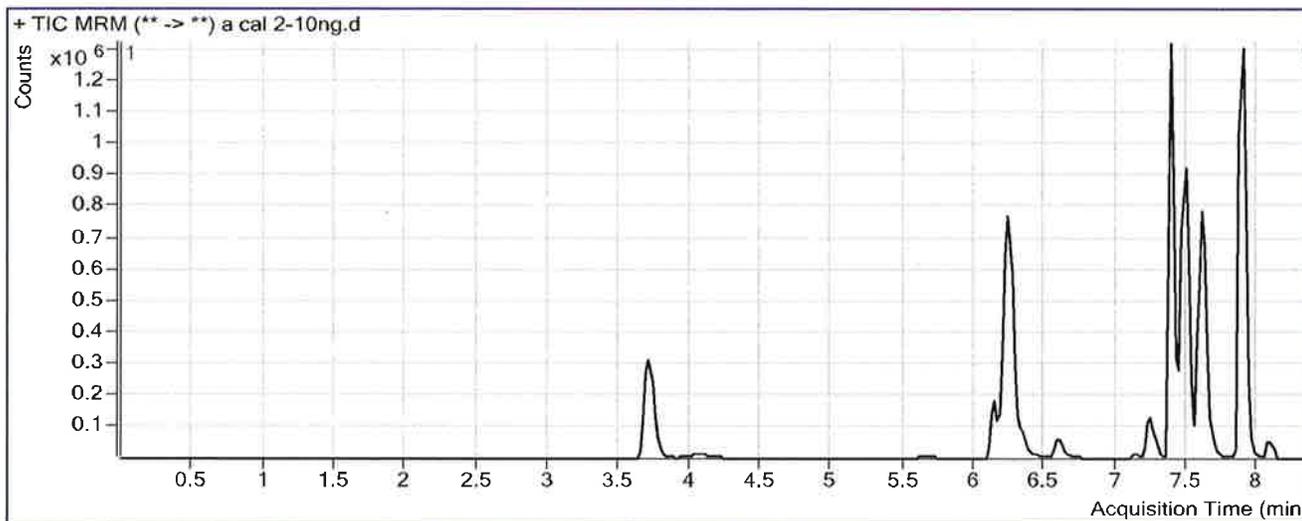
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklist 2:
Analysis Time 4/27/2018 12:22 PM **Analyst Name** ISPUser
Report Time 4/27/2018 12:24 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 12:22 PM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 16:12 **Data File** a cal 2-10ng.d
Sample Type Calibration **Sample Name** a cal 2-10ng
Dilution 1 **Acq Method** MDQ Panel 2a 1-31-18.m
Position P2-B5 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.716	258801	1177616	0.2198	9.9585
Levamisole	Benzoyllecgonine-d8	4.065	82352	23448	3.5121	9.9093
Benzoyllecgonine	Benzoyllecgonine-d8	5.697	5971	23448	0.2547	10.9884
Zopiclone	Zopiclone-D4	6.129	109937	516178	0.2130	9.8779
Cocaine	Cocaine-D3	6.213	244844	1072322	0.2283	10.0311
Methylphenidate	Methylphenidate-D4	6.267	445547	1521168	0.2929	10.0364
Metoprolol	Methylphenidate-D4	6.262	56398	1521168	0.0371	9.7029
Ondansetron	Carbamazepine-13C6	6.336	132433	3282226	0.0403	9.8159
Mirtazapine	Doxepin-D3	6.605	149690	422830	0.3540	9.5781
Mitragynine	Doxepin-D3	7.132	46319	422830	0.1095	9.2702
Doxepin	Doxepin-D3	7.245	68274	422830	0.1615	9.3132
Carbamazepine	Carbamazepine-13C6	7.393	533442	3282226	0.1625	10.3932
Protriptyline	Protriptyline-d3	7.470	87761	480284	0.1827	9.8150
Estazolam	Estazolam-D5	7.484	252870	1349659	0.1874	10.3393
Amitriptyline	Amitriptyline-D3	7.487	179015	397839	0.4500	9.6903
Maprotiline	Nortriptyline-d3	7.487	181824	377053	0.4822	9.7343
Nortriptyline	Nortriptyline-d3	7.491	73335	377053	0.1945	9.9563
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	163342	975958	0.1674	9.9674
Midazolam	Midazolam-D4	7.620	54142	847994	0.0638	10.1823

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report a cal 2

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	95463	1066877	0.0895	9.6582
Phenazepam	Phenazepam-D4	7.656	35980	50544	0.7119	9.8105
Prazepam	Prazepam-D5	7.883	676181	3330924	0.2030	9.1916

ISP FORENSICS - Pocatello Instrument # 59740

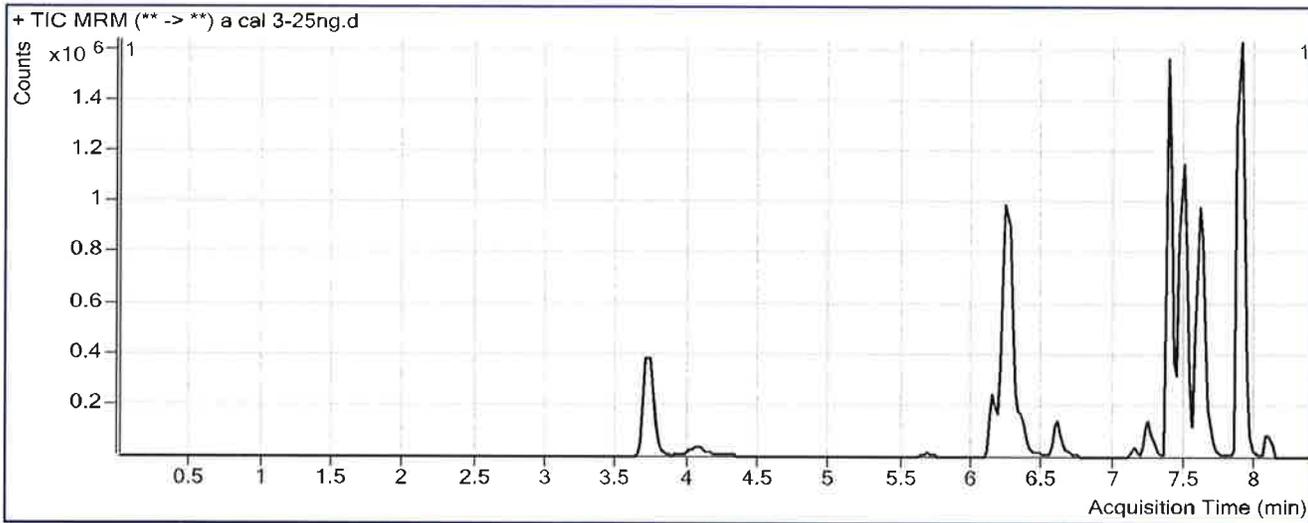
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklist 2:
Analysis Time 4/27/2018 12:22 PM **Analyst Name** ISPUser
Report Time 4/27/2018 12:24 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 12:22 PM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 16:44 **Data File** a cal 3-25ng.d
Sample Type Calibration **Sample Name** a cal 3-25ng
Dilution 1 **Acq Method** MDQ Panel 2a 1-31-18.m
Position P2-C5 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.736	647954	1107473	0.5851	24.0476
Levamisole	Benzoyllecgonine-d8	4.065	202202	25167	8.0346	22.3450
Benzoyllecgonine	Benzoyllecgonine-d8	5.697	15549	25167	0.6179	20.4279
Zopiclone	Zopiclone-D4	6.129	300610	521254	0.5767	23.6790
Cocaine	Cocaine-D3	6.213	615400	1033210	0.5956	23.5913
Methylphenidate	Methylphenidate-D4	6.267	1003852	1380083	0.7274	23.7076
Metoprolol	Methylphenidate-D4	6.282	141956	1380083	0.1029	26.9862
Ondansetron	Carbamazepine-13C6	6.336	330947	3169468	0.1044	22.5568
Mirtazapine	Doxepin-D3	6.605	326164	310826	1.0493	23.9616
Mitragynine	Doxepin-D3	7.132	94395	310826	0.3037	22.3215
Doxepin	Doxepin-D3	7.245	141734	310826	0.4560	23.9058
Carbamazepine	Carbamazepine-13C6	7.393	1305004	3169468	0.4117	23.9498
Protriptyline	Protriptyline-d3	7.470	183527	372446	0.4928	23.3930
Estazolam	Estazolam-D5	7.484	631897	1325885	0.4766	23.1741
Amitriptyline	Amitriptyline-D3	7.487	349298	298758	1.1692	25.0012
Maprotiline	Nortriptyline-d3	7.487	353831	293371	1.2061	24.1336
Nortriptyline	Nortriptyline-d3	7.491	144182	293371	0.4915	22.9833
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	454238	1042480	0.4357	25.0907
Midazolam	Midazolam-D4	7.620	133921	843588	0.1588	22.9946

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report a cal 3

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	273791	1129567	0.2424	24.9103
Phenazepam	Phenazepam-D4	7.656	92115	51938	1.7736	23.7756
Prazepam	Prazepam-D5	7.883	1636490	3204668	0.5107	24.4677

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

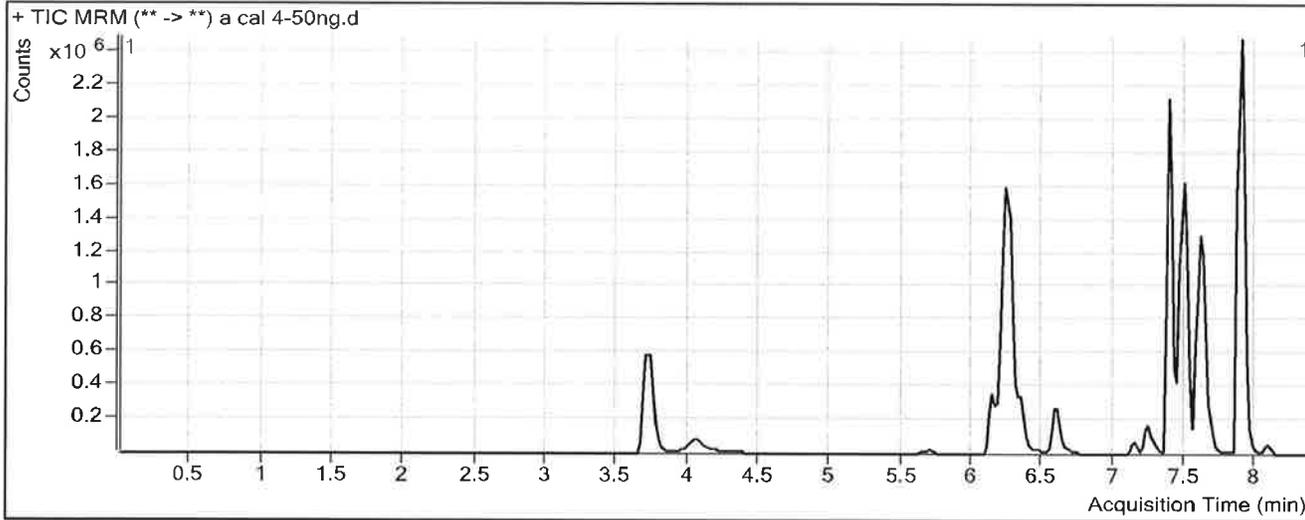
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2a wklist 2:
Analysis Time 4/27/2018 12:22 PM **Analyst Name** ISPUser
Report Time 4/27/2018 12:24 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 12:22 PM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 17:16 **Data File** a cal 4-50ng.d
Sample Type Calibration **Sample Name** a cal 4-50ng
Dilution 1 **Acq Method** MDQ Panel 2a 1-31-18.m
Position P2-D5 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.736	1391508	1161136	1.1984	47.7024
Levamisole	Benzoyllecgonine-d8	4.045	469963	25737	18.2600	50.4622
Benzoyllecgonine	Benzoyllecgonine-d8	5.697	38119	25737	1.4811	42.8628
Zopiclone	Zopiclone-D4	6.129	622728	508386	1.2249	48.2746
Cocaine	Cocaine-D3	6.213	1345009	1113179	1.2083	46.2100
Methylphenidate	Methylphenidate-D4	6.267	2159466	1428563	1.5116	48.3840
Metoprolol	Methylphenidate-D4	6.282	315186	1428563	0.2206	57.9273
Ondansetron	Carbamazepine-13C6	6.336	709519	3273032	0.2168	44.9010
Mirtazapine	Doxepin-D3	6.605	659294	264076	2.4966	53.8995
Mitragynine	Doxepin-D3	7.132	178215	264076	0.6749	47.2729
Doxepin	Doxepin-D3	7.245	254884	264076	0.9652	49.1350
Carbamazepine	Carbamazepine-13C6	7.393	2736662	3273032	0.8361	47.0348
Protriptyline	Protriptyline-d3	7.470	331980	322495	1.0294	46.8959
Estazolam	Estazolam-D5	7.484	1298751	1337531	0.9710	45.1146
Amitriptyline	Amitriptyline-D3	7.487	618550	245290	2.5217	53.7953
Maprotiline	Nortriptyline-d3	7.487	618030	259736	2.3795	47.4747
Nortriptyline	Nortriptyline-d3	7.511	270242	259736	1.0404	47.0651
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	957292	1047763	0.9137	52.0235
Midazolam	Midazolam-D4	7.620	293710	860674	0.3413	47.6332

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

a cal 4 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	579231	1197947	0.4835	48.9627
Phenazepam	Phenazepam-D4	7.656	187747	48654	3.8588	51.2045
Prazepam	Prazepam-D5	7.883	3500254	3280527	1.0670	52.0906

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

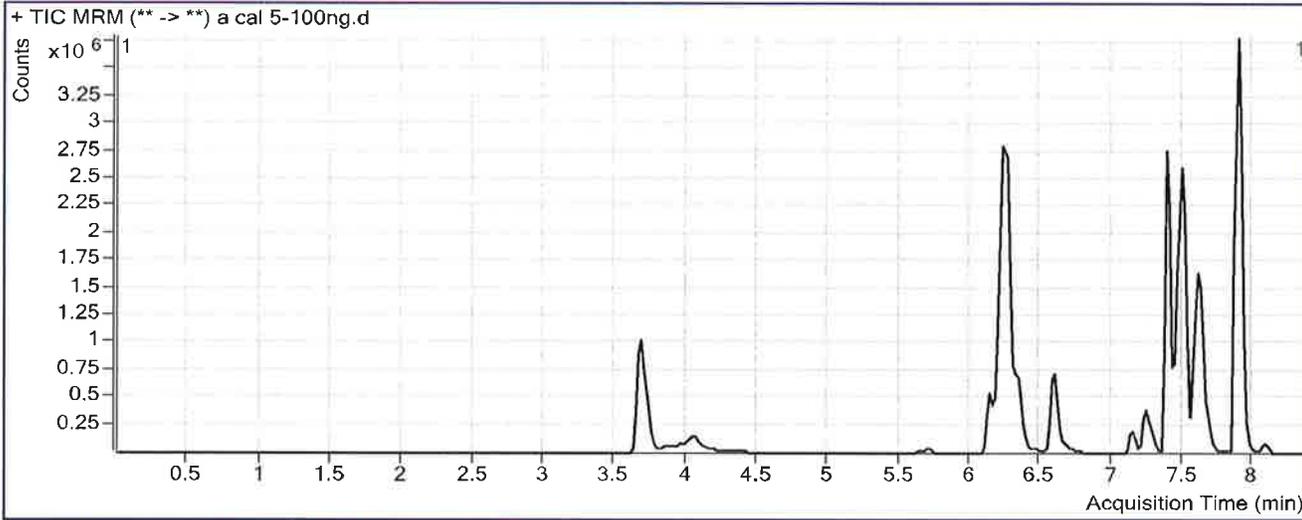
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Analysis Time 4/27/2018 12:22 PM **Analyst Name** ISPUser
Report Time 4/27/2018 12:24 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 12:22 PM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 17:47 **Data File** a cal 5-100ng.d
Sample Type Calibration **Sample Name** a cal 5-100ng
Dilution 1 **Acq Method** MDQ Panel 2a 1-31-18.m
Position P2-E5 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.696	2972238	1222498	2.4313	95.2519
Levamisole	Benzoylcegonine-d8	4.045	930421	23625	39.3830	108.5449
Benzoylcegonine	Benzoylcegonine-d8	5.697	72328	23625	3.0615	83.9372
Zopiclone	Zopiclone-D4	6.129	1163316	456374	2.5490	98.5176
Cocaine	Cocaine-D3	6.213	2840512	1096769	2.5899	97.2198
Methylphenidate	Methylphenidate-D4	6.267	4939902	1553427	3.1800	100.8794
Metoprolol	Methylphenidate-D4	6.282	616998	1553427	0.3972	104.3121
Ondansetron	Carbamazepine-13C6	6.336	1517947	2869617	0.5290	106.9849
Mirtazapine	Doxepin-D3	6.605	1734321	381299	4.5485	96.3440
Mitragynine	Doxepin-D3	7.132	551371	381299	1.4460	99.1138
Doxepin	Doxepin-D3	7.245	782230	381299	2.0515	102.9573
Carbamazepine	Carbamazepine-13C6	7.393	4500364	2869617	1.5683	86.8616
Protriptyline	Protriptyline-d3	7.470	921159	428821	2.1481	95.8904
Estazolam	Estazolam-D5	7.484	2059330	1015914	2.0271	91.9787
Amitriptyline	Amitriptyline-D3	7.487	1718181	338371	5.0778	108.2118
Maprotiline	Nortriptyline-d3	7.487	1708428	338820	5.0423	100.4446
Nortriptyline	Nortriptyline-d3	7.511	772228	338820	2.2792	101.4031
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	1686646	943586	1.7875	101.2673
Midazolam	Midazolam-D4	7.620	569192	805899	0.7063	96.9129

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

a cal 5 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	997872	992257	1.0057	101.0447
Phenazepam	Phenazepam-D4	7.656	310953	37717	8.2444	108.8903
Prazepam	Prazepam-D5	7.883	6733822	3083841	2.1836	107.5331

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

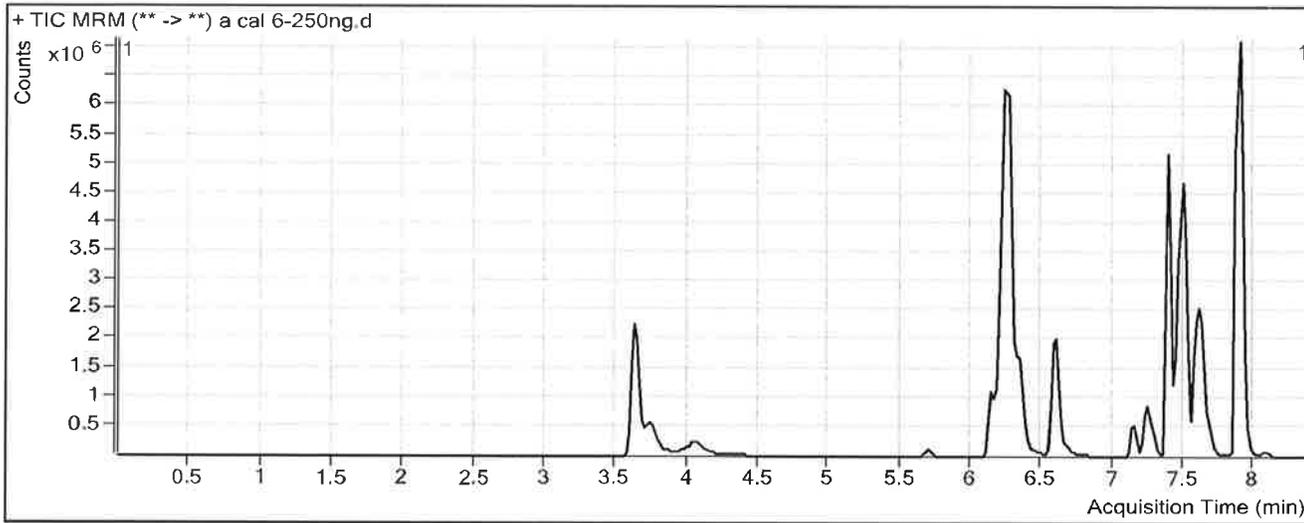
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Report Time 4/27/2018 12:24 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 12:22 PM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 18:19 **Data File** a cal 6-250ng.d
Sample Type Calibration **Sample Name** a cal 6-250ng
Dilution 1 **Acq Method** MDQ Panel 2a 1-31-18.m
Position P2-F5 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.636	7773351	1260854	6.1651	239.2591
Levamisole	Benzoylcegonine-d8	4.045	1182812	23636	50.0425	137.8556
Benzoylcegonine	Benzoylcegonine-d8	5.697	194375	23636	8.2236	218.0984
Zopiclone	Zopiclone-D4	6.129	2754098	446667	6.1659	235.7554
Cocaine	Cocaine-D3	6.213	7404362	1159976	6.3832	237.2687
Methylphenidate	Methylphenidate-D4	6.267	12634191	1638290	7.7118	243.4733
Metoprolol	Methylphenidate-D4	6.282	1423809	1638290	0.8691	228.2907
Ondansetron	Carbamazepine-13C6	6.336	3872671	2540240	1.5245	304.9641
Mirtazapine	Doxepin-D3	6.605	4672527	408907	11.4269	238.6309
Mitragynine	Doxepin-D3	7.132	1462605	408907	3.5769	242.3561
Doxepin	Doxepin-D3	7.245	1988539	408907	4.8631	242.2619
Carbamazepine	Carbamazepine-13C6	7.393	10955233	2540240	4.3127	236.1474
Protriptyline	Protriptyline-d3	7.470	2211496	410343	5.3894	237.8432
Estazolam	Estazolam-D5	7.484	3783651	726138	5.2106	233.2537
Amitriptyline	Amitriptyline-D3	7.487	3955162	347350	11.3867	242.5207
Maprotiline	Nortriptyline-d3	7.487	3999879	323563	12.3620	246.0498
Nortriptyline	Nortriptyline-d3	7.511	1818195	323563	5.6193	247.9215
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	3515318	792079	4.4381	250.6390
Midazolam	Midazolam-D4	7.620	1360788	783072	1.7378	236.1652

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report a cal 6

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	1951473	782426	2.4941	249.5160
Phenazepam	Phenazepam-D4	7.656	571651	29372	19.4626	256.4498
Prazepam	Prazepam-D5	7.883	15947972	2922175	5.4576	270.0959

ISP FORENSICS - Pocatello Instrument # 59740

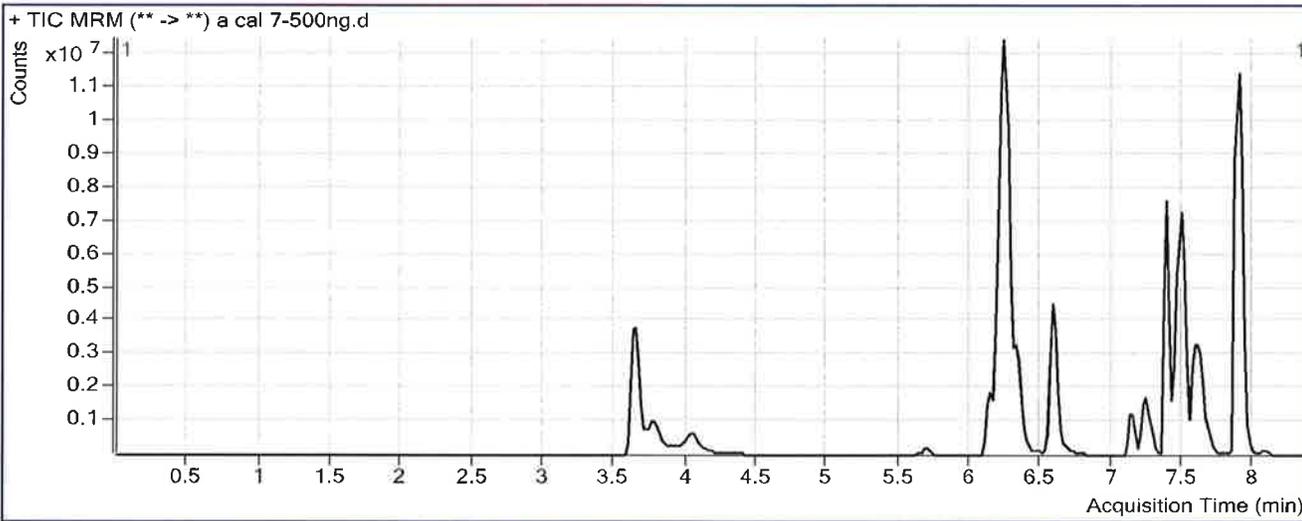
Multi-Drug Confirmatory Analysis Report

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Report Time 4/27/2018 12:24 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 12:22 PM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 18:50 **Data File** a cal 7-500ng.d
Sample Type Calibration **Sample Name** a cal 7-500ng
Dilution 1 **Acq Method** MDQ Panel 2a 1-31-18.m
Position P2-G5 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.656	15140038	1179579	12.8351	496.5054
Levamisole	Benzoylcegonine-d8	4.025	2835418	24516	115.6570	318.2783
Benzoylcegonine	Benzoylcegonine-d8	5.697	420764	24516	17.1630	450.4282
Zopiclone	Zopiclone-D4	6.129	4835426	377236	12.8180	488.1655
Cocaine	Cocaine-D3	6.192	15462080	1119291	13.8142	511.6197
Methylphenidate	Methylphenidate-D4	6.247	25504211	1578933	16.1528	509.0701
Metoprolol	Methylphenidate-D4	6.262	2558189	1578933	1.6202	425.6272
Ondansetron	Carbamazepine-13C6	6.316	7616494	1906011	3.9960	796.4551
Mirtazapine	Doxepin-D3	6.585	10089951	447730	22.5358	468.4297
Mitragynine	Doxepin-D3	7.132	3509782	447730	7.8391	528.8762
Doxepin	Doxepin-D3	7.245	4342991	447730	9.7000	481.9176
Carbamazepine	Carbamazepine-13C6	7.393	17154962	1906011	9.0005	491.1466
Protriptyline	Protriptyline-d3	7.470	4048202	357564	11.3216	497.6477
Estazolam	Estazolam-D5	7.484	4831783	428879	11.2661	501.9702
Amitriptyline	Amitriptyline-D3	7.487	7901625	338817	23.3212	496.5926
Maprotiline	Nortriptyline-d3	7.487	7941876	301421	26.3481	524.2672
Nortriptyline	Nortriptyline-d3	7.511	3445792	301421	11.4318	502.8962
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	5342947	607391	8.7965	496.2544
Midazolam	Midazolam-D4	7.620	2415707	652415	3.7027	501.4414

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Multi-Drug Confirmatory Analysis Report a cal 7

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	2858789	566587	5.0456	504.0219
Phenazepam	Phenazepam-D4	7.656	815925	20517	39.7691	523.5520
Prazepam	Prazepam-D5	7.883	28956396	2588614	11.1861	554.5317

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

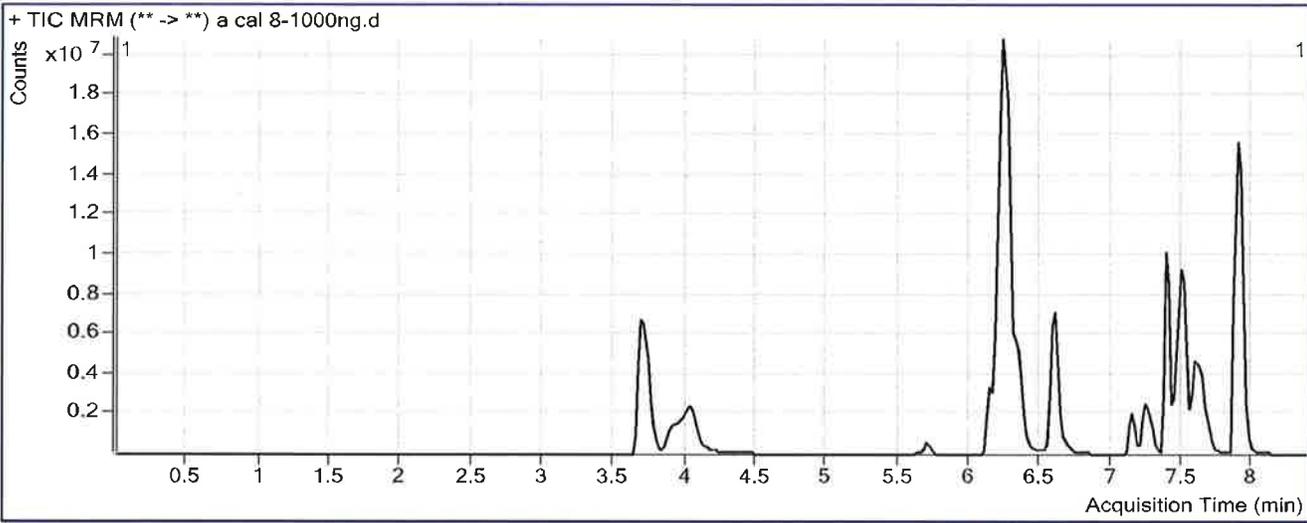
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Analysis Info

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Sample Type	Calibration	Sample Name	a cal 8-1000ng
Dilution	1	Acq Method	MDQ Panel 2a 1-31-18.m
Position	P2-H5	Sample Info	
Inj Vol	-1	Comment	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.716	28898227	1092719	26.4462	1021.4541
Levamisole	Benzoylcegonine-d8	4.025	14220442	26451	537.6046	1478.5223
Benzoylcegonine	Benzoylcegonine-d8	5.717	1120922	26451	42.3765	1105.7148
Zopiclone	Zopiclone-D4	6.129	8789532	324393	27.0953	1029.9044
Cocaine	Cocaine-D3	6.213	29784496	1092458	27.2638	1008.1776
Methylphenidate	Methylphenidate-D4	6.267	42796880	1349000	31.7249	999.0467
Metoprolol	Methylphenidate-D4	6.282	3996016	1349000	2.9622	778.2032
Ondansetron	Carbamazepine-13C6	6.336	13893488	1308458	10.6182	2113.3578
Mirtazapine	Doxepin-D3	6.605	16576082	329272	50.3416	1043.6198
Mitragynine	Doxepin-D3	7.132	5639528	329272	17.1273	1153.2624
Doxepin	Doxepin-D3	7.245	6801749	329272	20.6569	1024.7967
Carbamazepine	Carbamazepine-13C6	7.393	24938598	1308458	19.0595	1038.3259
Protriptyline	Protriptyline-d3	7.470	5063362	217273	23.3042	1022.4304
Estazolam	Estazolam-D5	7.504	7018921	303614	23.1179	1027.9086
Amitriptyline	Amitriptyline-D3	7.487	10234843	240867	42.4916	904.7096
Maprotiline	Nortriptyline-d3	7.487	10405963	197182	52.7734	1049.9265
Nortriptyline	Nortriptyline-d3	7.511	4498217	197182	22.8125	1002.1240
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	8113437	479061	16.9361	954.9493
Midazolam	Midazolam-D4	7.620	4123090	547198	7.5349	1018.8011

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Multi-Drug Confirmatory Analysis Report *a cal 8* *D*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.643	4102480	400394	10.2461	1022.7562
Phenazepam	Phenazepam-D4	7.676	1209195	18292	66.1040	869.9499
Prazepam	Prazepam-D5	7.883	39445616	2132171	18.5002	917.7002

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

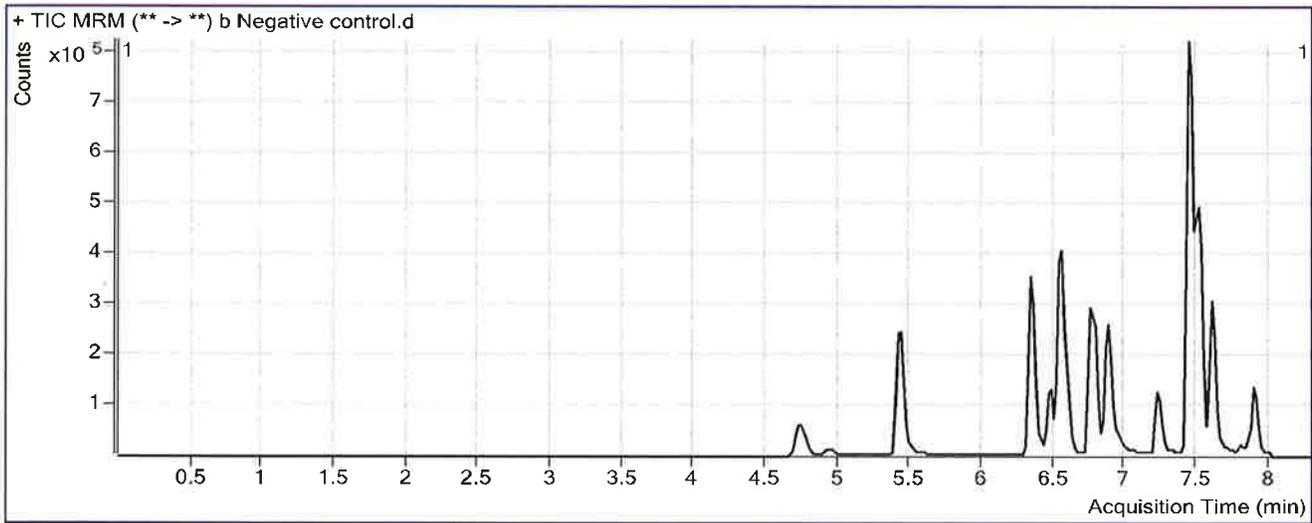
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Report Time 4/27/2018 12:29 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 9:14 AM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 20:25 **Data File** b Negative control.d
Sample Type Sample **Sample Name** b Negative control
Dilution 1 **Acq Method** MDQ Panel 2b 3-12-17-2.m
Position P2-E6 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



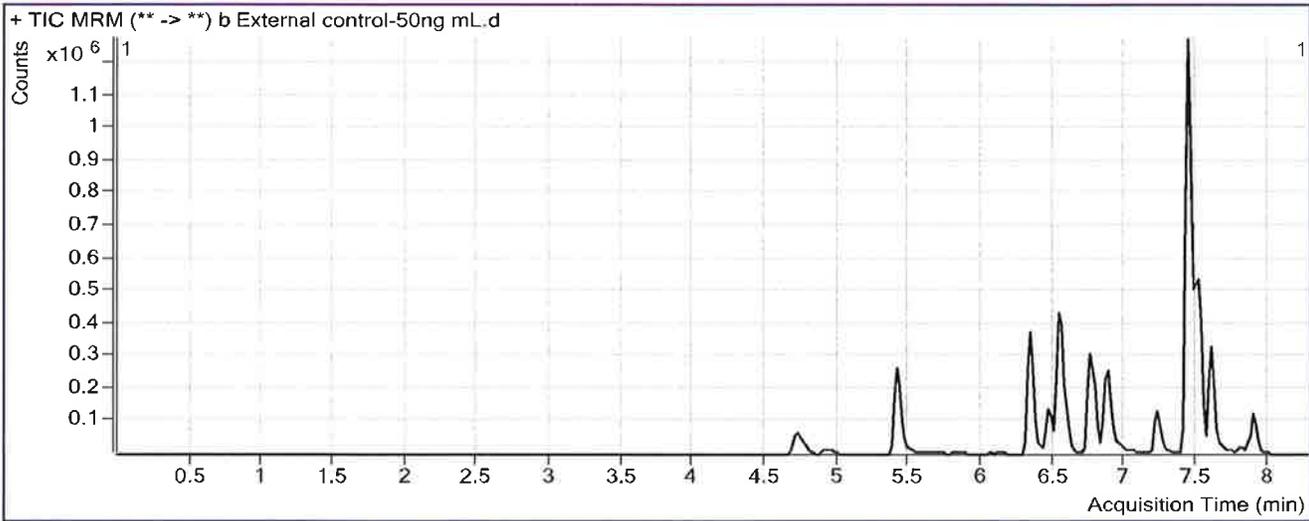
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

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Report Time 4/27/2018 12:29 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 9:14 AM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 20:56 **Data File** b External control-50ng mL.d
Sample Type Sample **Sample Name** b External control-50ng mL
Dilution 1 **Acq Method** MDQ Panel 2b 3-12-17-2.m
Position P2-F6 **Sample Info**
Inj Vol -1 **Comment** AM 28; WS022018 50 ng flunitrazepam, zopiclone, chlorodiazepoxide

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
*Amoxapine	Zaleplon-D4	7.421	29099	390780	0.0745	7.8333
Flunitrazepam	Flunitrazepam-D7	7.441	833080	257214	3.2389	42.9061

* Did not evaluate amoxapine.

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

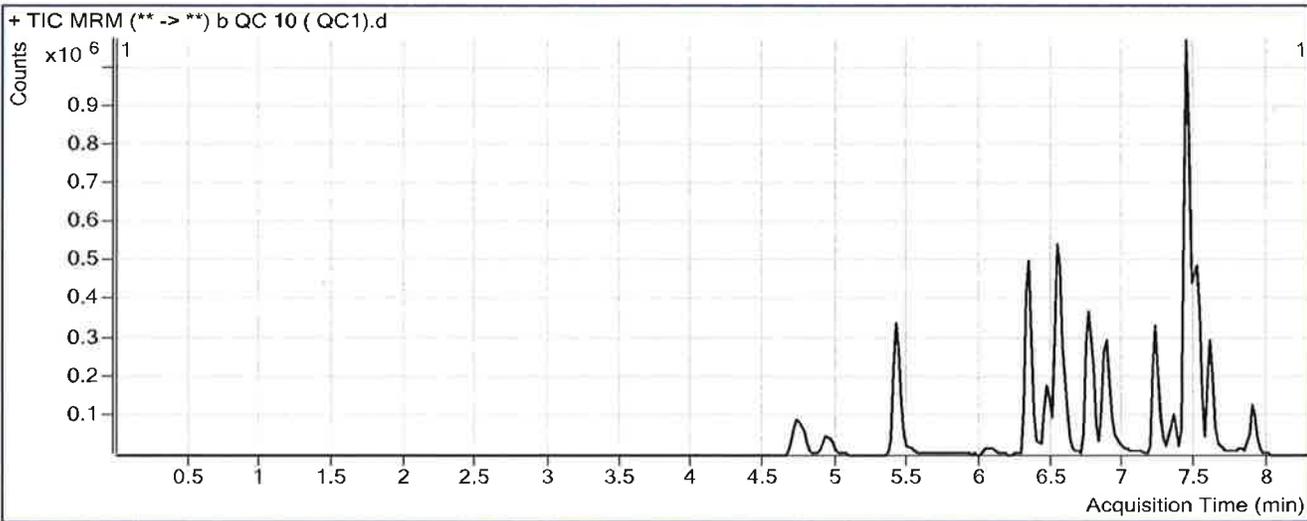
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Report Time 4/27/2018 12:30 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 9:14 AM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 21:59 **Data File** b QC 10 (QC1).d
Sample Type QC **Sample Name** b QC 10 (QC1)
Dilution 1 **Acq Method** MDQ Panel 2b 3-12-17-2.m
Position P2-A6 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.758	135799	299533	0.4534	9.8299
MDMA	MDMA-D6	4.954	96615	61056	1.5824	10.2878
MDEA	MDEA-D6	5.431	187811	1070397	0.1755	9.8195
Primidone	MDEA-D6	6.062	31361	1070397	0.0293	8.6634
Tapentadol	Tapentadol-D3	6.344	387043	1280207	0.3023	10.4770
Meperidine	Meperidine-D4	6.476	88747	508923	0.1744	9.8504
Normeperidine	Normeperidine-D4	6.563	140606	398898	0.3525	9.8360
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.556	216939	1264696	0.1715	10.4935
Pentazocine	Pentazocine-13C3	6.757	175681	934971	0.1879	10.0455
Phencyclidine	Phencyclidine-D5	6.887	170314	998030	0.1707	10.5734
Flurazepam	Propoxyphene-D11	7.214	199958	231837	0.8625	10.7737
Zaleplon	Zaleplon-D4	7.223	186491	455545	0.4094	10.5464
Phenytoin	Phenytoin-D10	7.270	11353	47148	0.2408	9.8824
Verapamil	Propoxyphene-D11	7.333	209579	231837	0.9040	8.8351
Amoxapine	Zaleplon-D4	7.401	24672	455545	0.0542	5.7274
Propoxyphene	Propoxyphene-D11	7.437	237112	231837	1.0228	9.3251
Flunitrazepam	Flunitrazepam-D7	7.441	228265	323375	0.7059	9.9529
Imipramine	Imipramine-D3	7.449	176703	900195	0.1963	10.4087
Desipramine	Desipramine-D3	7.471	170561	816003	0.2090	9.9218
Trimipramine	Trimipramine-D3	7.507	160660	953844	0.1684	10.1357

did not evaluate P

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

b QC10 (QC1) S

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.600	132831	638014	0.2082	10.5421
Norpropoxyphene	Norpropoxyphene-D5	7.805	5564	37407	0.1487	9.3148

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

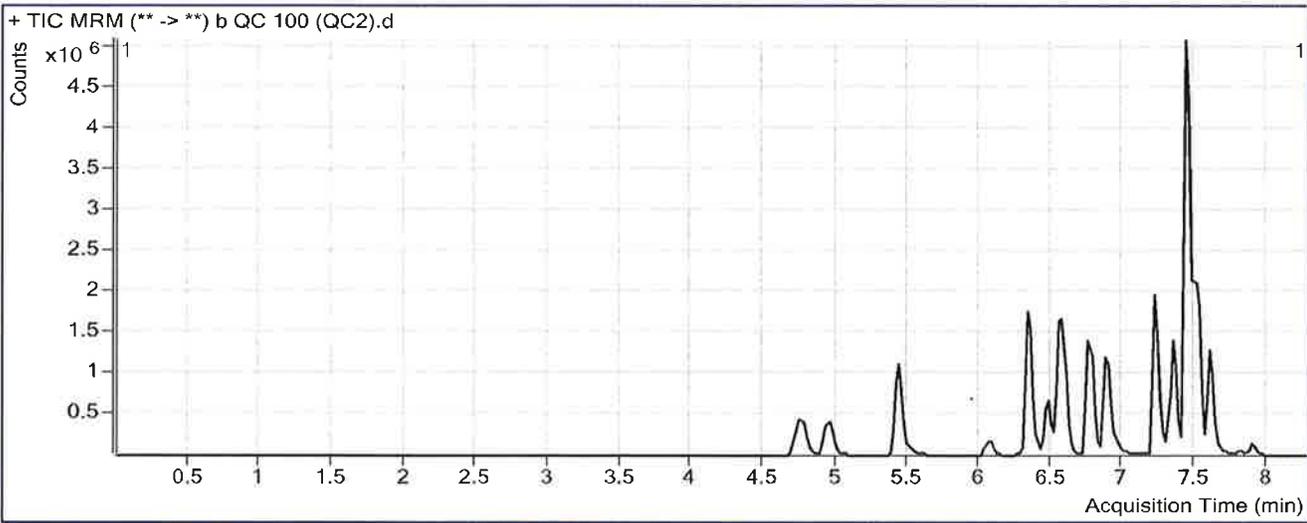
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Report Time 4/27/2018 12:30 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 9:14 AM **Batch State** Processed

Analysis Info

Acq Time 2018-04-27 00:05 **Data File** b QC 100 (QC2).d
Sample Type QC **Sample Name** b QC 100 (QC2)
Dilution 1 **Acq Method** MDQ Panel 2b 3-12-17-2.m
Position P2-B6 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.758	1355537	281948	4.8078	97.8504
MDMA	MDMA-D6	4.954	1144547	63419	18.0473	99.4938
MDEA	MDEA-D6	5.431	2121703	1086367	1.9530	93.2822
Primidone	MDEA-D6	6.062	318911	1086367	0.2936	82.6483
Tapentadol	Tapentadol-D3	6.344	3965844	1237562	3.2046	95.7017
Meperidine	Meperidine-D4	6.476	1109784	549291	2.0204	97.5599
Normeperidine	Normeperidine-D4	6.583	1830577	473202	3.8685	96.8738
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.576	1908483	1149186	1.6607	101.2897
Pentazocine	Pentazocine-13C3	6.757	2083939	1070781	1.9462	95.3020
Phencyclidine	Phencyclidine-D5	6.908	2108904	1175371	1.7942	98.8283
Flurazepam	Propoxyphene-D11	7.214	2563480	299531	8.5583	94.9737
Zaleplon	Zaleplon-D4	7.223	1625455	364832	4.4553	94.2932
Phenytoin	Phenytoin-D10	7.270	118977	41445	2.8707	96.5521
Verapamil	Propoxyphene-D11	7.333	3006157	299531	10.0362	87.6797
Amoxapine	Zaleplon-D4	7.421	354480	364832	0.9716	100.8791
Propoxyphene	Propoxyphene-D11	7.437	3196733	299531	10.6725	92.4121
Flunitrazepam	Flunitrazepam-D7	7.441	1615807	215759	7.4889	98.1983
Imipramine	Imipramine-D3	7.449	2320118	1104798	2.1000	99.0428
Desipramine	Desipramine-D3	7.471	2162622	985813	2.1937	100.5617
Trimipramine	Trimipramine-D3	7.527	2120956	1152372	1.8405	97.4886

Did not evaluate P

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

QC 100 (QC2) P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.600	1526862	759713	2.0098	89.5750
Norpropoxyphene	Norpropoxyphene-D5	7.805	67312	37788	1.7813	107.1853

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

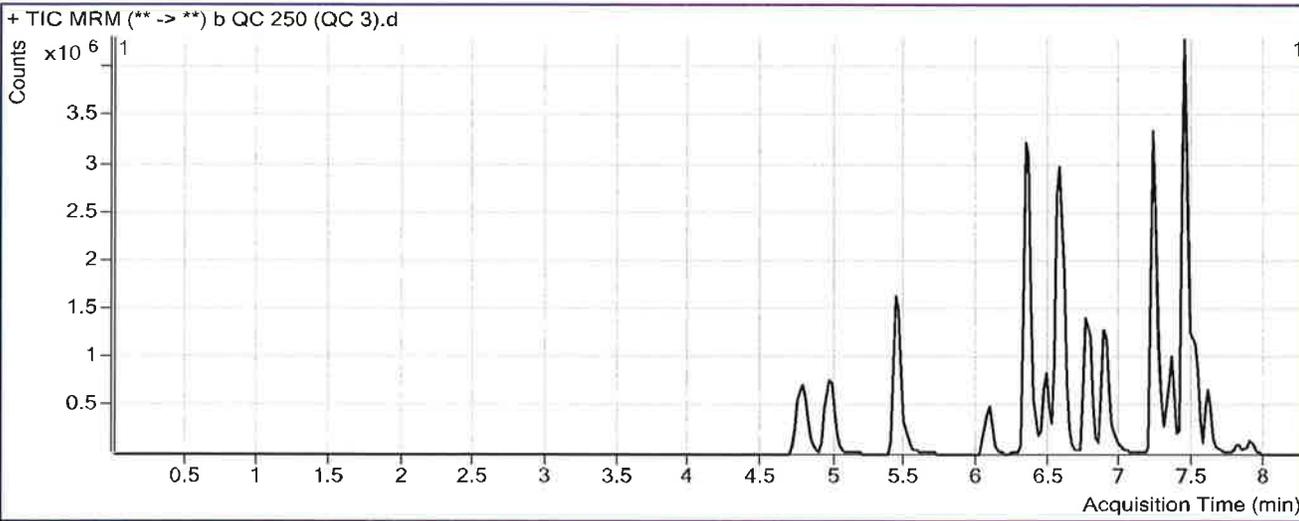
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklist 2:
Analysis Time 4/27/2018 9:14 AM **Analyst Name** ISPUser
Report Time 4/27/2018 12:30 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 9:14 AM **Batch State** Processed

Analysis Info

Acq Time 2018-04-27 02:12 **Data File** b QC 250 (QC 3).d
Sample Type QC **Sample Name** b QC 250 (QC 3)
Dilution 1 **Acq Method** MDQ Panel 2b 3-12-17-2.m
Position P2-C6 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.778	2301329	168399	13.6659	276.9106
MDMA	MDMA-D6	4.954	2155569	44215	48.7522	265.8516
MDEA	MDEA-D6	5.431	3630009	718560	5.0518	238.7795
Primidone	MDEA-D6	6.082	838799	718560	1.1673	327.2808
Tapentadol	Tapentadol-D3	6.344	8633477	1051539	8.2103	242.6969
Meperidine	Meperidine-D4	6.476	1542714	289471	5.3294	254.7818
Normeperidine	Normeperidine-D4	6.583	2387452	223757	10.6698	265.2391
7-aminofunitrazepam	7-aminofunitrazepam-D7	6.576	5216939	1207676	4.3198	263.4146
Pentazocine	Pentazocine-13C3	6.757	2470438	505551	4.8866	237.8792
Phencyclidine	Phencyclidine-D5	6.887	2564338	554186	4.6272	252.8218
Flurazepam	Propoxyphene-D11	7.214	2232830	74399	30.0115	329.6932
Zaleplon	Zaleplon-D4	7.223	4185398	357928	11.6934	244.1127
Phenytoin	Phenytoin-D10	7.270	358632	45174	7.9389	263.5752
Verapamil	Propoxyphene-D11	7.333	1931212	74399	25.9575	225.1383
Amoxapine	Zaleplon-D4	7.421	307880	357928	0.8602	89.3204
Propoxyphene	Propoxyphene-D11	7.437	2294779	74399	30.8442	266.0968
Flunitrazepam	Flunitrazepam-D7	7.441	3393703	182772	18.5679	242.3325
Imipramine	Imipramine-D3	7.449	1357696	249677	5.4378	254.4422
Desipramine	Desipramine-D3	7.471	1376325	252271	5.4558	249.5335
Trimipramine	Trimipramine-D3	7.507	1222549	280750	4.3546	228.8291

Did not evaluate P

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

bQC 250 (QC3) 

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.600	998013	179748	5.5523	244.9781
Norpropoxyphene	Norpropoxyphene-D5	7.785	208215	42377	4.9134	294.9513

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

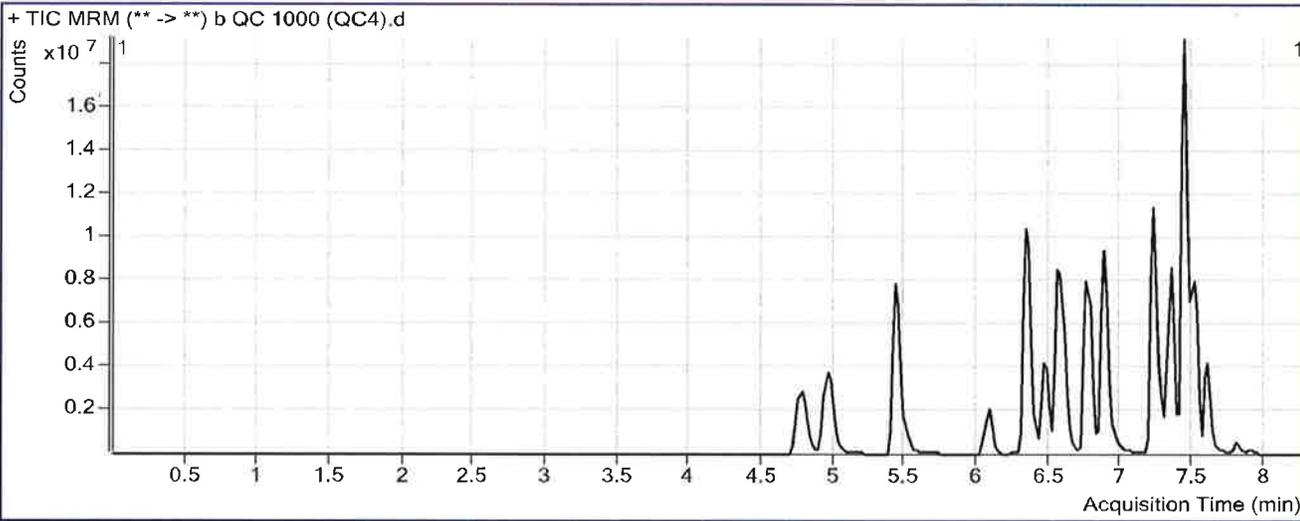
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklist 2:
Analysis Time 4/27/2018 9:14 AM **Analyst Name** ISPUser
Report Time 4/27/2018 12:30 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 9:14 AM **Batch State** Processed

Analysis Info

Acq Time 2018-04-27 03:15 **Data File** b QC 1000 (QC4).d
Sample Type QC **Sample Name** b QC 1000 (QC4)
Dilution 1 **Acq Method** MDQ Panel 2b 3-12-17-2.m
Position P2-D6 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.778	10007860	192863	51.8912	1049.6028
MDMA	MDMA-D6	4.954	11185527	55469	201.6525	1094.2576
MDEA	MDEA-D6	5.431	19620977	906811	21.6373	1017.5272
Primidone	MDEA-D6	6.082	3386668	906811	3.7347	1046.0698
Tapentadol	Tapentadol-D3	6.344	32330063	913028	35.4097	1041.4123
Meperidine	Meperidine-D4	6.456	8884917	391394	22.7007	1080.1421
Normeperidine	Normeperidine-D4	6.563	10560204	244265	43.2326	1071.3239
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.576	15875375	1034750	15.3422	935.4524
Pentazocine	Pentazocine-13C3	6.757	16352074	724468	22.5711	1095.3744
Phencyclidine	Phencyclidine-D5	6.887	18484871	945274	19.5550	1064.2638
Flurazepam	Propoxyphene-D11	7.214	16204457	136065	119.0934	1304.3390
Zaleplon	Zaleplon-D4	7.223	11254038	222115	50.6677	1050.8348
Phenytoin	Phenytoin-D10	7.270	1521461	45164	33.6877	1112.1359
Verapamil	Propoxyphene-D11	7.333	17819205	136065	130.9609	1131.7031
Amoxapine	Zaleplon-D4	7.401	1167200	222115	5.2549	545.1089
Propoxyphene	Propoxyphene-D11	7.437	17483289	136065	128.4921	1106.8760
Flunitrazepam	Flunitrazepam-D7	7.441	5366493	66124	81.1575	1056.6029
Imipramine	Imipramine-D3	7.449	9886591	431554	22.9093	1067.8754
Desipramine	Desipramine-D3	7.471	8093529	351052	23.0551	1053.2732
Trimipramine	Trimipramine-D3	7.507	10350520	564950	18.3211	958.4693

outside curve range P

outside curve range P
Did not evaluate P

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

b qc 1000 (QC4) P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.600	7015025	301517	23.2658	1022.0404
Norpropoxyphene	Norpropoxyphene-D5	7.785	1106197	48978	22.5857	1354.3915

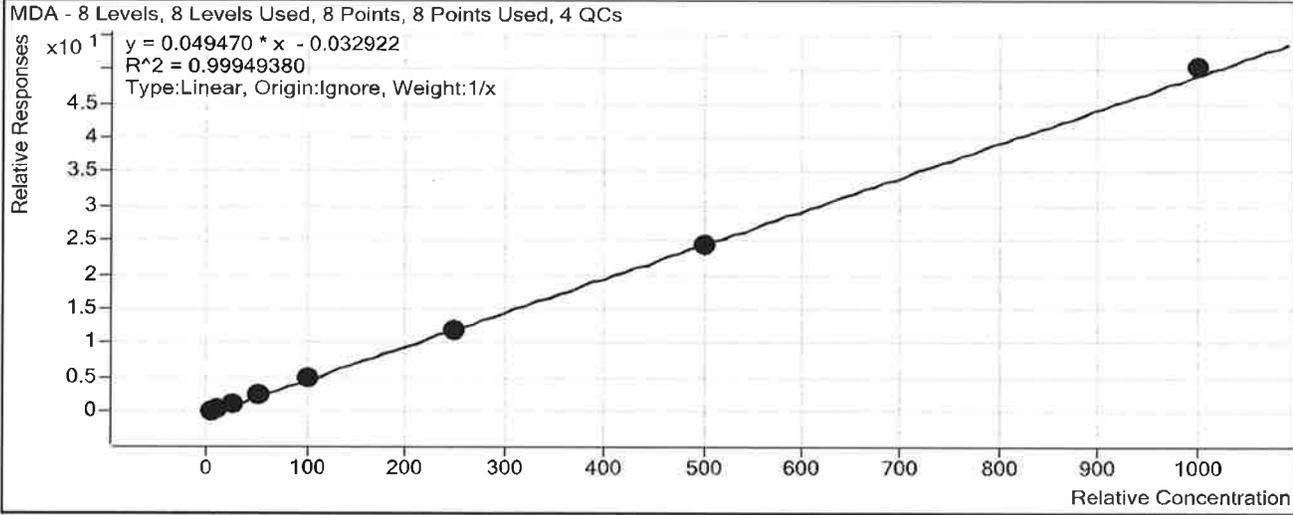
ISP FORENSICS

Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin

Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

Target Compound MDA
Internal Standard MDA-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.6	112.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.5
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.8	98.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.8	99.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.7	98.7
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	97.9	97.9
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	276.9	110.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.0	99.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1016.7	101.7
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1049.6	105.0

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin

Last Calib Update

4/27/2018 9:14 AM

Analyst Name

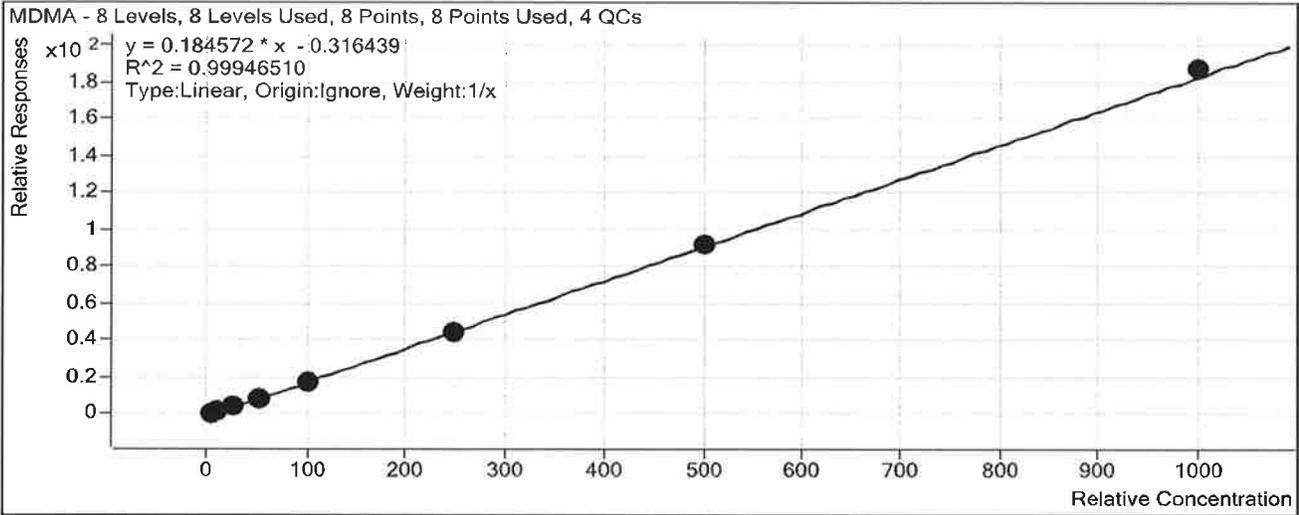
ISP TOX

Target Compound

MDMA

Internal Standard

MDMA-D6

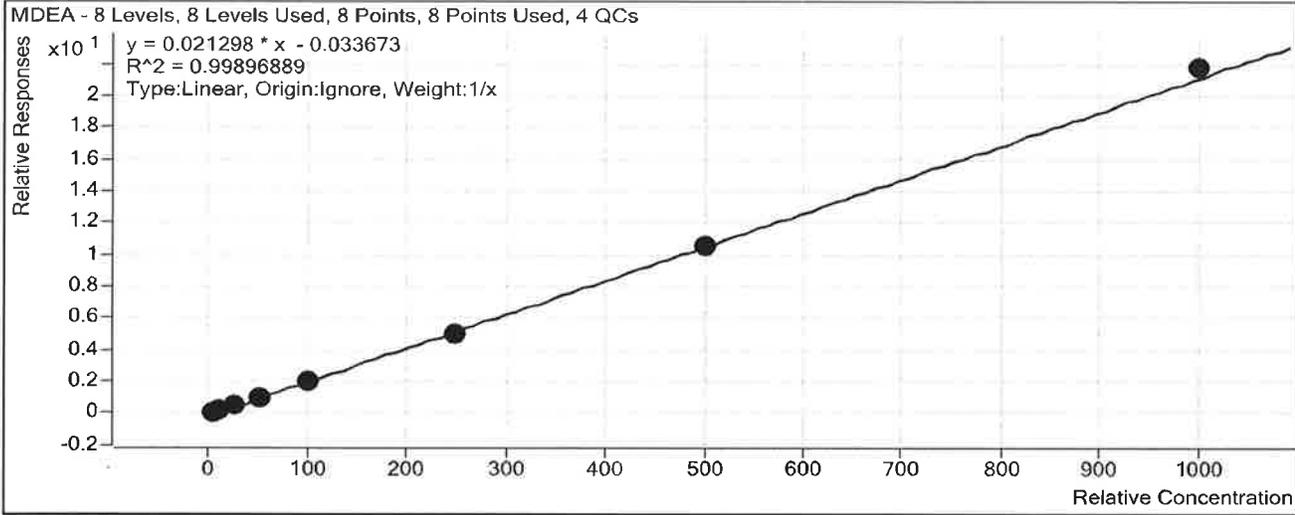


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
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b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.8
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.3	102.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.5	94.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.9	96.9
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.5	99.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	240.8	96.3
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	265.9	106.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.0	99.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1015.8	101.6
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1094.3	109.4

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

Target Compound MDEA
Internal Standard MDEA-D6

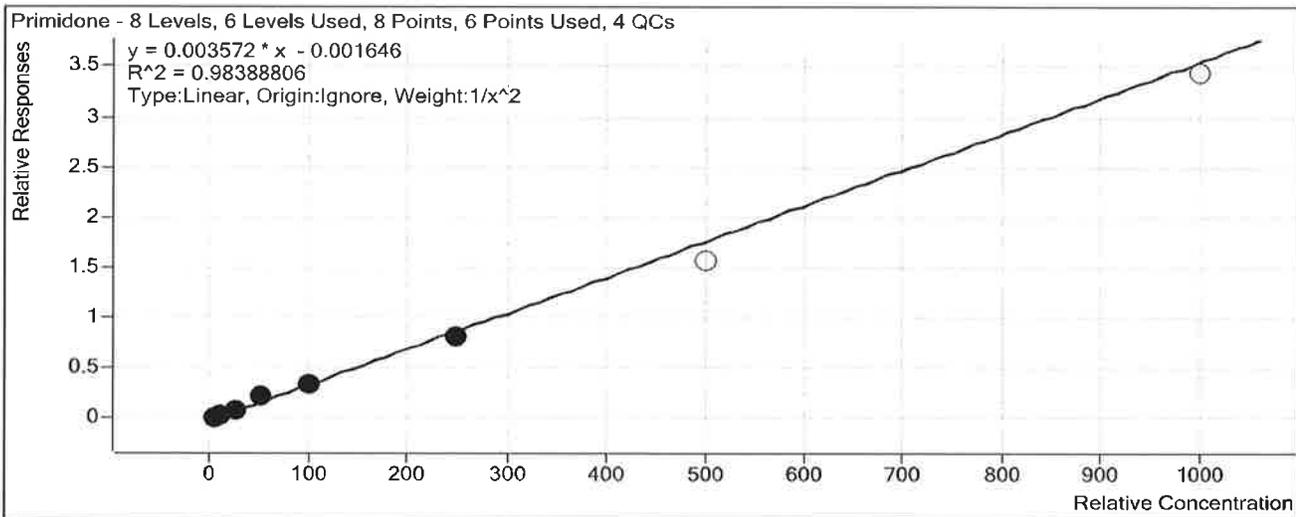


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.9	118.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.5
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.8	98.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.7	93.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.9	96.9
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	93.3	93.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	236.2	94.5
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	238.8	95.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.6	99.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1022.8	102.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1017.5	101.8

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

Target Compound *Primidone*
Internal Standard *MDEA-D6*

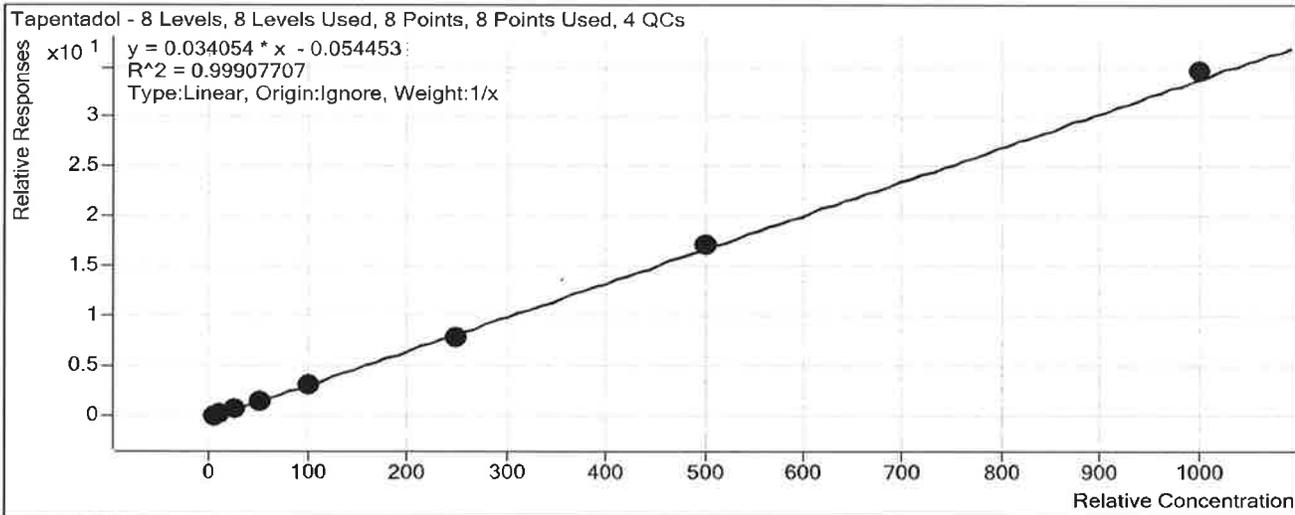


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	92.3
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	8.7	86.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	59.6	119.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.0	93.0
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	82.6	82.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	230.3	92.1
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	327.3	130.9
b cal 7-500ng	7	<input type="checkbox"/>	500	439.5	87.9
b cal 8-1000ng	8	<input type="checkbox"/>	1000	960.7	96.1
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1046.1	104.6

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

Target Compound Tapentadol
Internal Standard Tapentadol-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	101.3
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.5	104.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.3	94.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.5	94.5
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	95.7	95.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	237.1	94.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	242.7	97.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.2	101.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1016.1	101.6
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1041.4	104.1

ISP Forensics Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin

Last Calib Update

4/27/2018 9:14 AM

Analyst Name

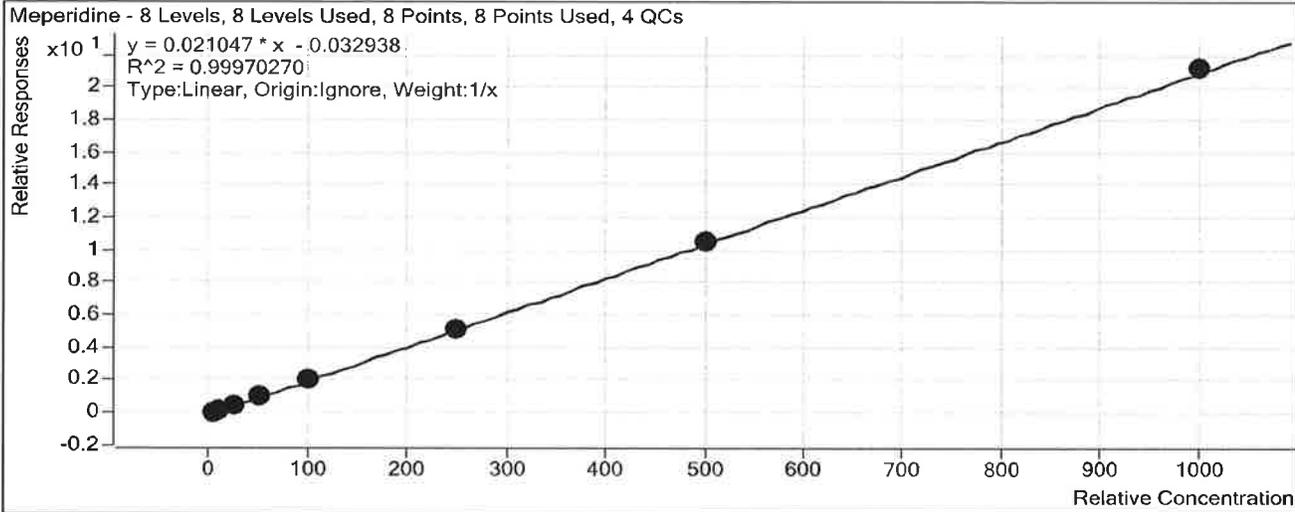
ISP TOX

Target Compound

Meperidine

Internal Standard

Meperidine-D4

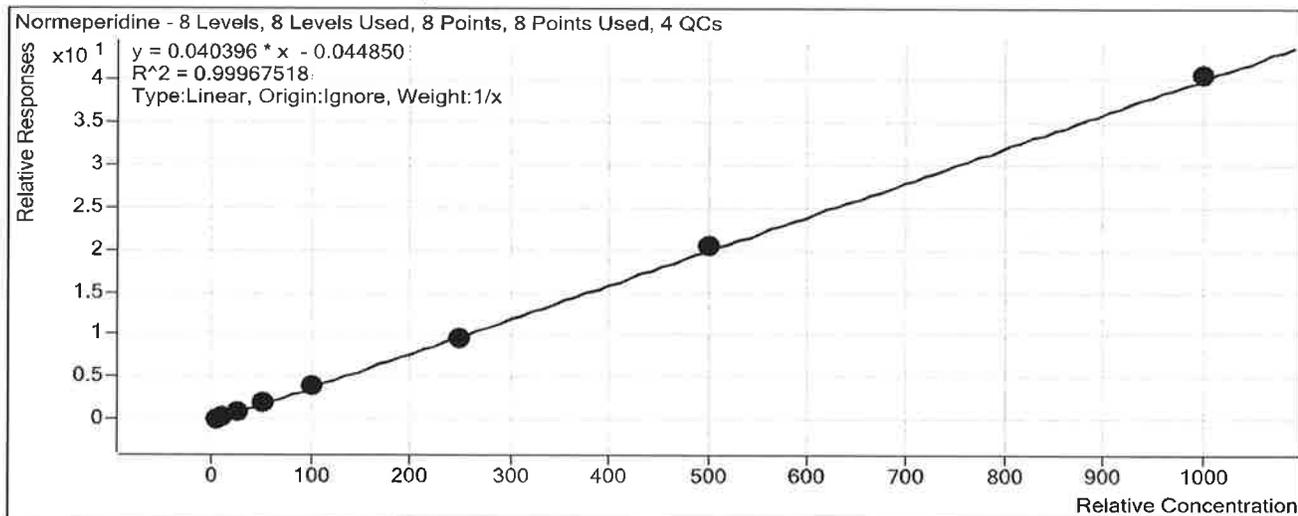


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.7	114.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.2
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.9	98.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.6	94.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.8	97.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.3	98.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	97.6	97.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	243.1	97.2
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	254.8	101.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.7	100.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1006.1	100.6
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1080.1	108.0

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

Target Compound Normeperidine
Internal Standard Normeperidine-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.5	111.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.5
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.8	98.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.4	98.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.4	99.4
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	96.9	96.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	241.0	96.4
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	265.2	106.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	506.9	101.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1004.3	100.4
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1071.3	107.1

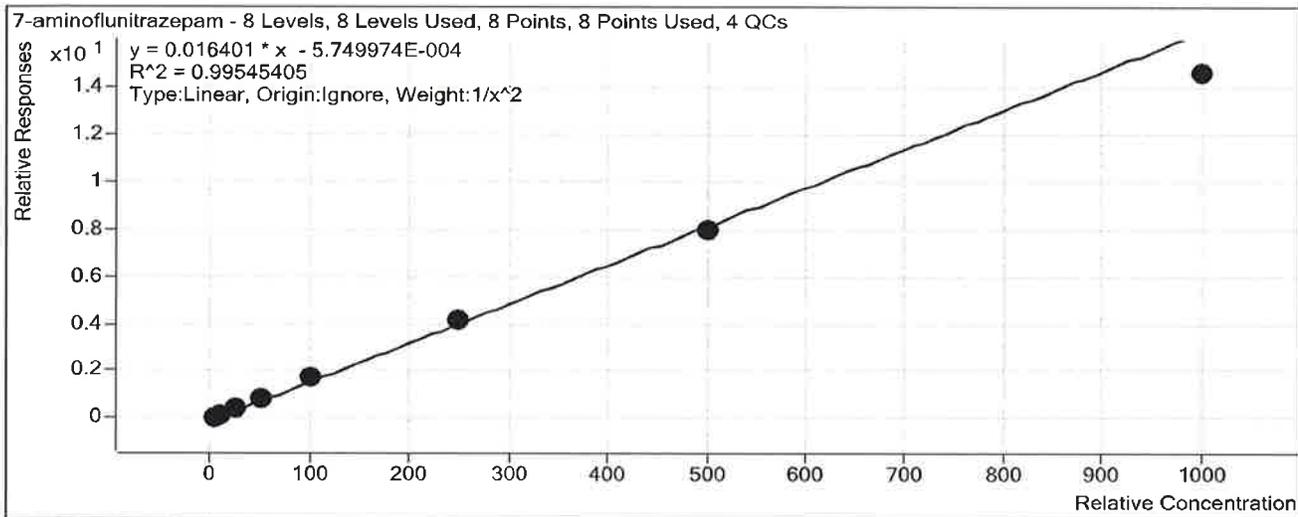
ISP FORENSICS Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin

Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

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

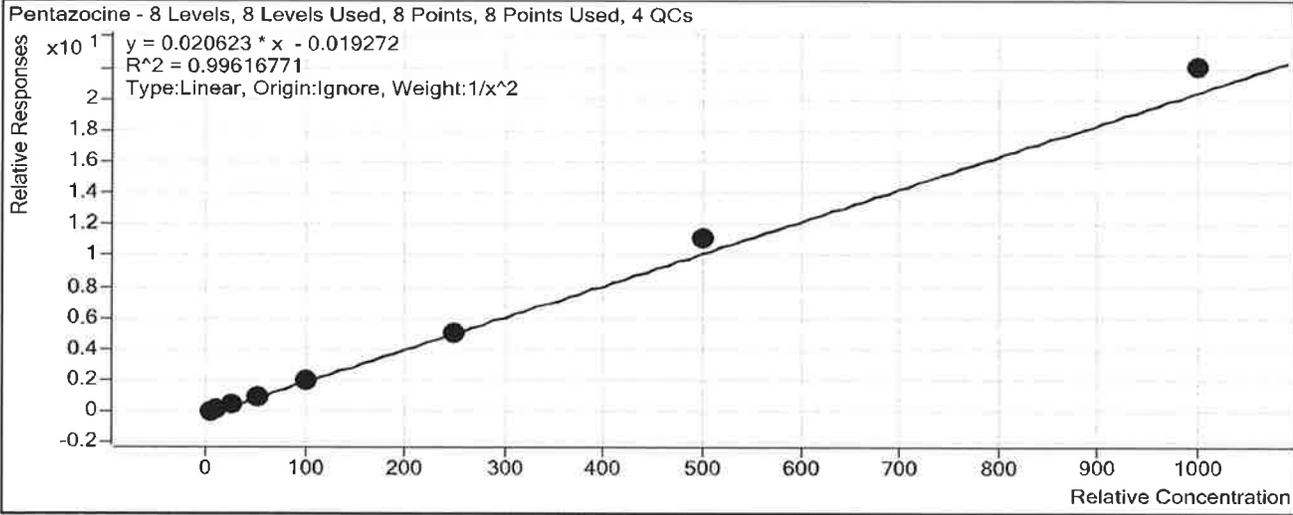


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.3
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.5	104.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.7	105.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.7	107.7
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	101.3	101.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.0	100.4
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	263.4	105.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	482.6	96.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	886.7	88.7
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	935.5	93.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

Target Compound Pentazocine
Internal Standard Pentazocine-13C3



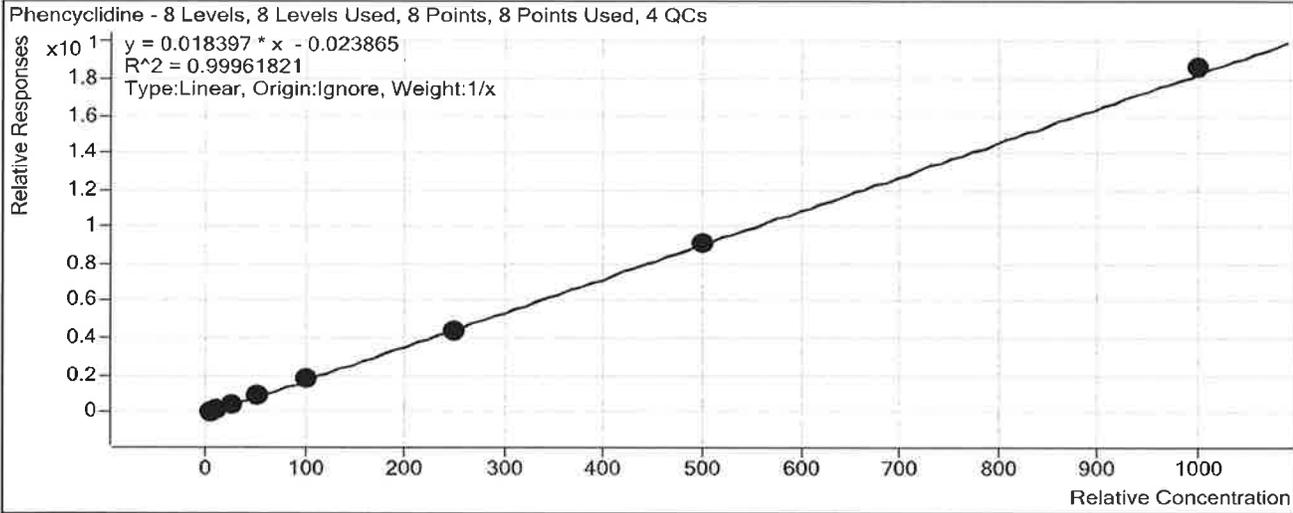
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
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b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.7
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.0	100.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.0	92.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.8	95.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.3	99.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	95.3	95.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	243.3	97.3
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	237.9	95.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	537.5	107.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1068.7	106.9
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1095.4	109.5

ISP FORENSICS Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

Target Compound Phencyclidine
Internal Standard Phencyclidine-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.5	110.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.4
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.6	105.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.1	92.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.2	99.2
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	98.8	98.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.0	96.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	252.8	101.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.6	99.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1012.0	101.2
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1064.3	106.4

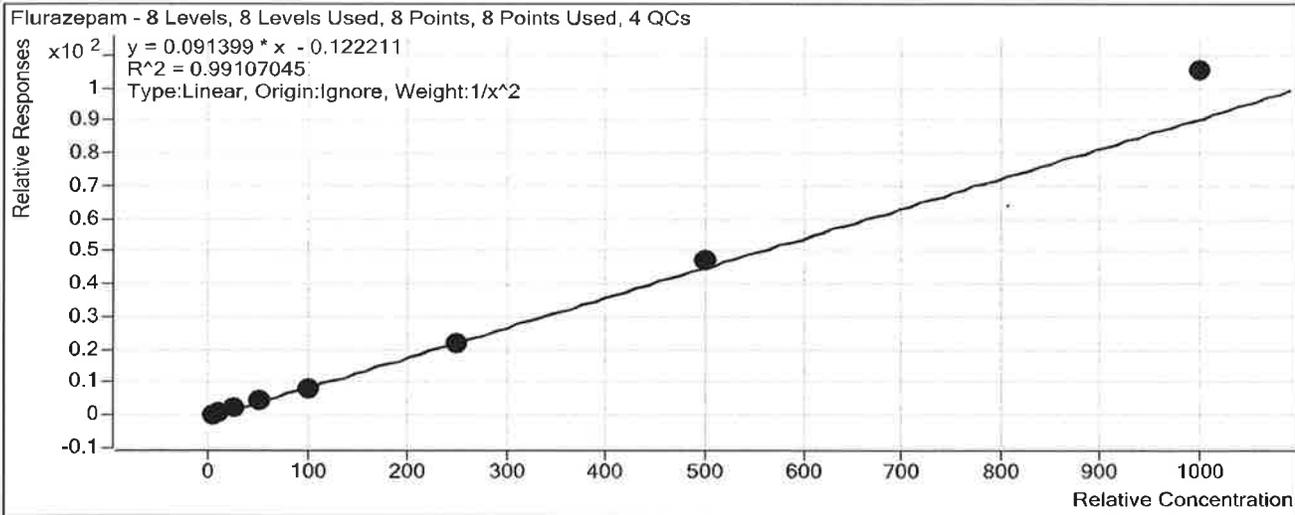
ISP FORENSICS Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin

Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

Target Compound *Flurazepam*
Internal Standard *Propoxyphene-D11*



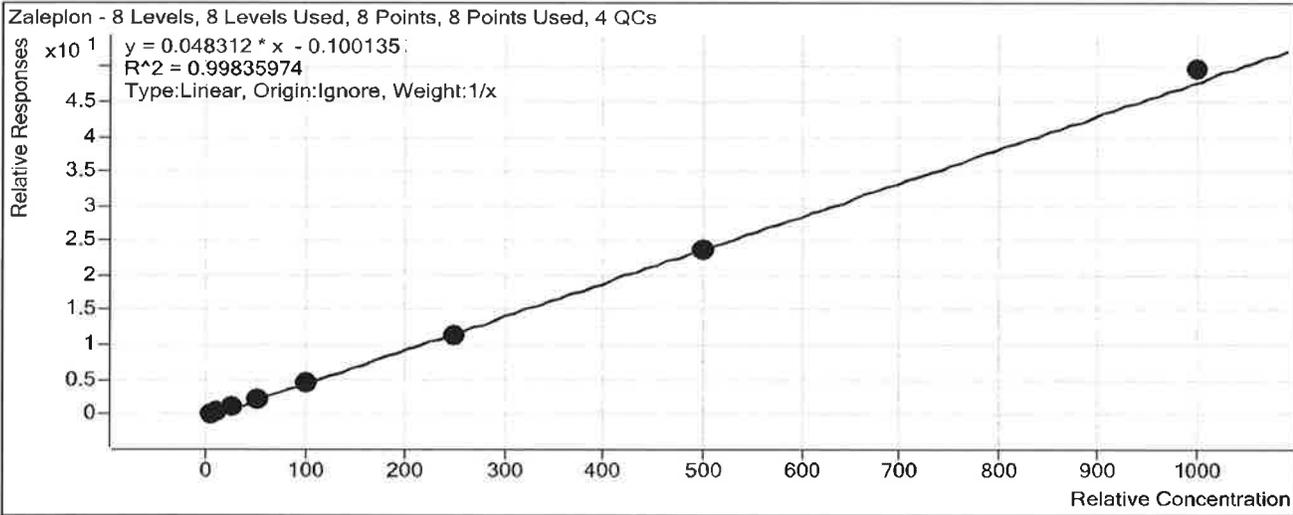
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	92.1
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.8	107.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.1	92.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.1	102.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	92.2	92.2
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	95.0	95.0
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	329.7	131.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	518.4	103.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1152.5	115.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1304.3	130.4

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklist 2354 SP.batch.bin

Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

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

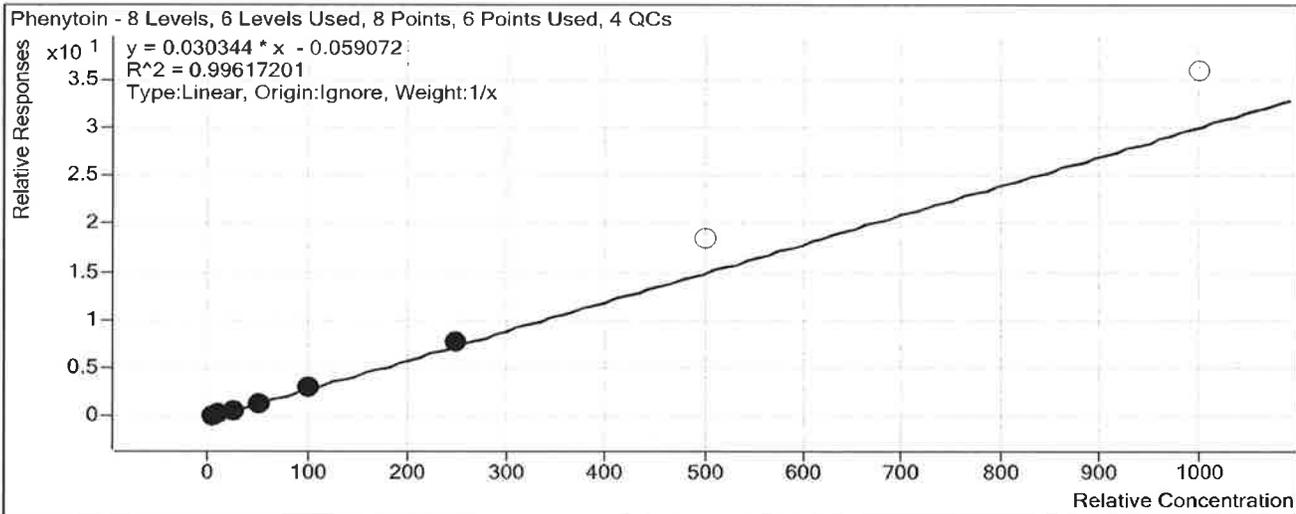


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.2	123.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.1
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.5	105.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.0	91.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.9	91.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.1	94.1
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	94.3	94.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	235.9	94.4
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	244.1	97.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.6	98.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1030.2	103.0
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1050.8	105.1

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

Target Compound Phenytoin
Internal Standard Phenytoin-D10

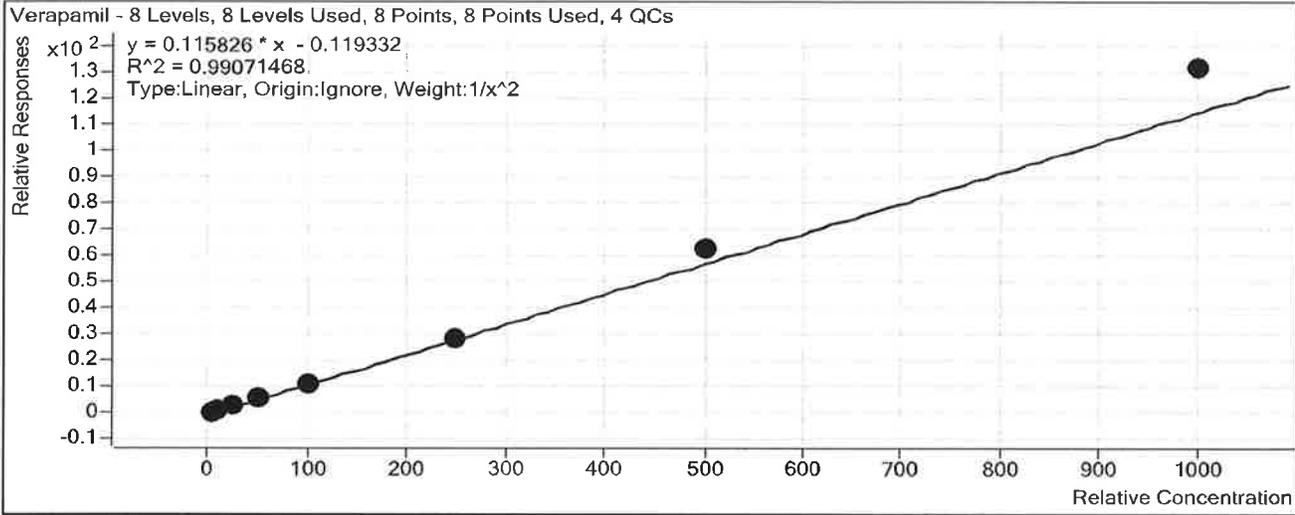


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.1	122.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	93.6
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.9	98.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.7	86.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.8	91.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.4	104.4
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	96.6	96.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.6	101.0
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	263.6	105.4
b cal 7-500ng	7	<input type="checkbox"/>	500	611.9	122.4
b cal 8-1000ng	8	<input type="checkbox"/>	1000	1183.6	118.4
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1112.1	111.2

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wkst 2354 SP.batch.bin
Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

Target Compound Verapamil
Internal Standard Propoxyphene-D11



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	93.8
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	8.8	88.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.5	90.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.3	94.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.2	94.2
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	87.7	87.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.3	99.3
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	225.1	90.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	543.1	108.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1136.6	113.7
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1131.7	113.2

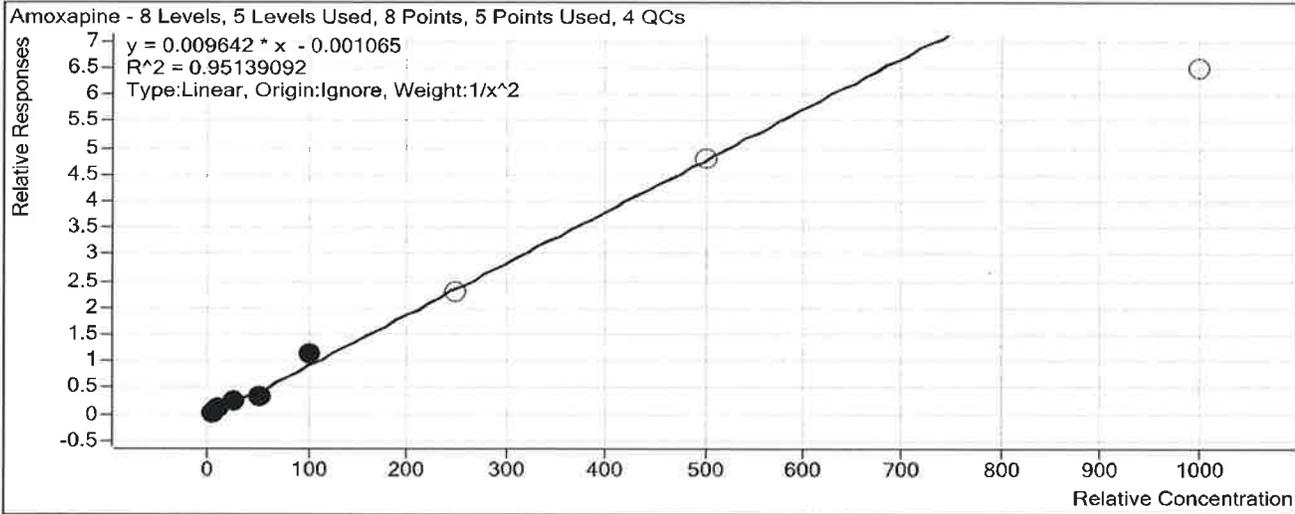
ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin

Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

P

Target Compound Amoxapine
Internal Standard Zaleplon-D4



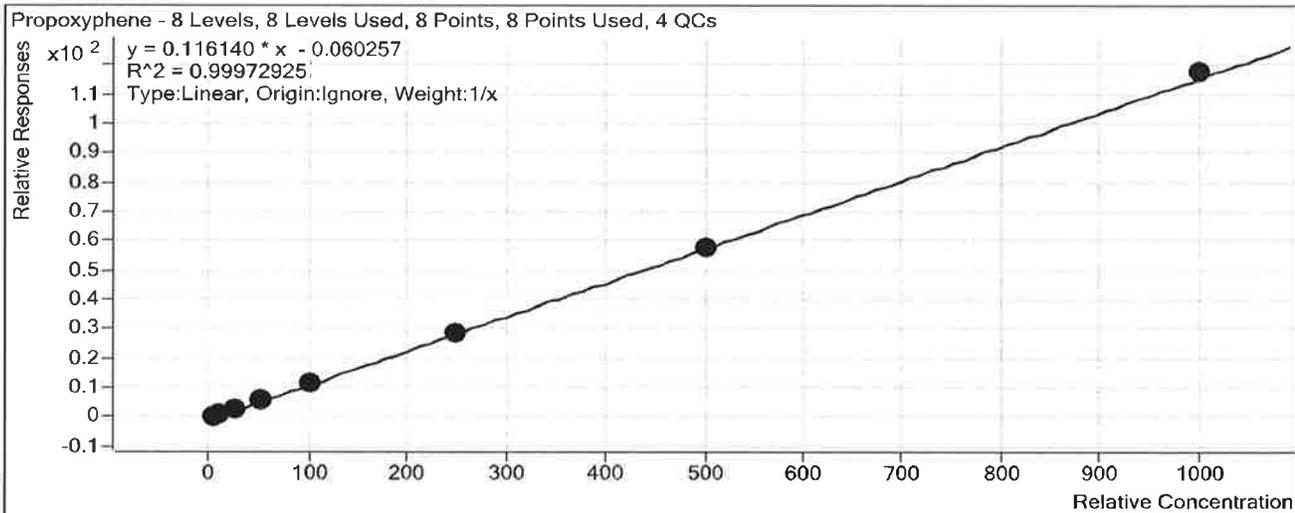
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	96.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.1	110.6
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	5.7	57.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	36.7	73.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	119.5	119.5
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.9	100.9
b cal 6-250ng	6	<input type="checkbox"/>	250	241.3	96.5
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	89.3	35.7
b cal 7-500ng	7	<input type="checkbox"/>	500	496.5	99.3
b cal 8-1000ng	8	<input type="checkbox"/>	1000	672.7	67.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	545.1	54.5

Did not evaluate.

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

Target Compound Propoxyphene
Internal Standard Propoxyphene-D11



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	108.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.3
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.3	93.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.8	103.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.3	97.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	92.4	92.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.2	98.1
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	266.1	106.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.0	99.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1011.4	101.1
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1106.9	110.7

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin

Last Calib Update

4/27/2018 9:14 AM

Analyst Name

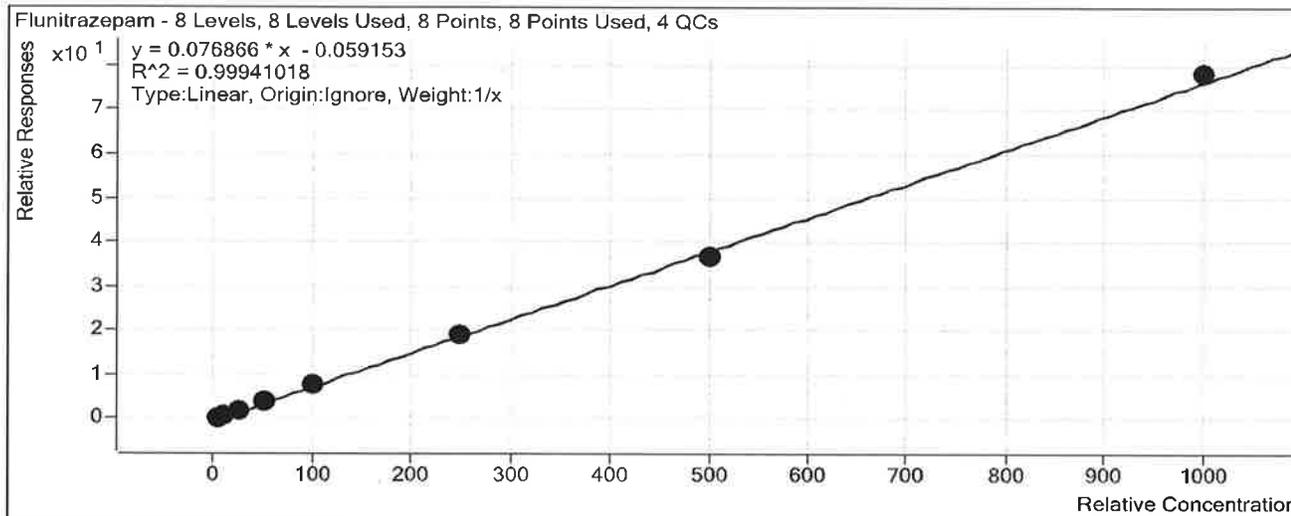
ISP TOX

Target Compound

Flunitrazepam

Internal Standard

Flunitrazepam-D7



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.2
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.0	99.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.0	96.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.6	101.6
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	98.2	98.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.2	100.5
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	242.3	96.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	482.4	96.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1016.7	101.7
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1056.6	105.7

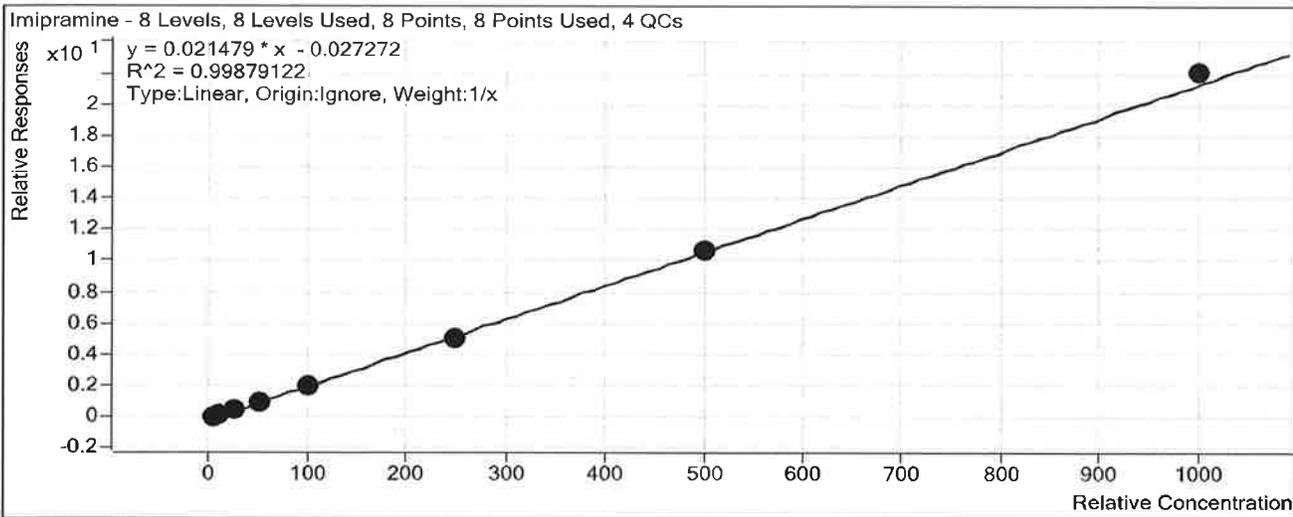
ISP FORENSICS

Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin

Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

Target Compound Imipramine
Internal Standard Imipramine-D3

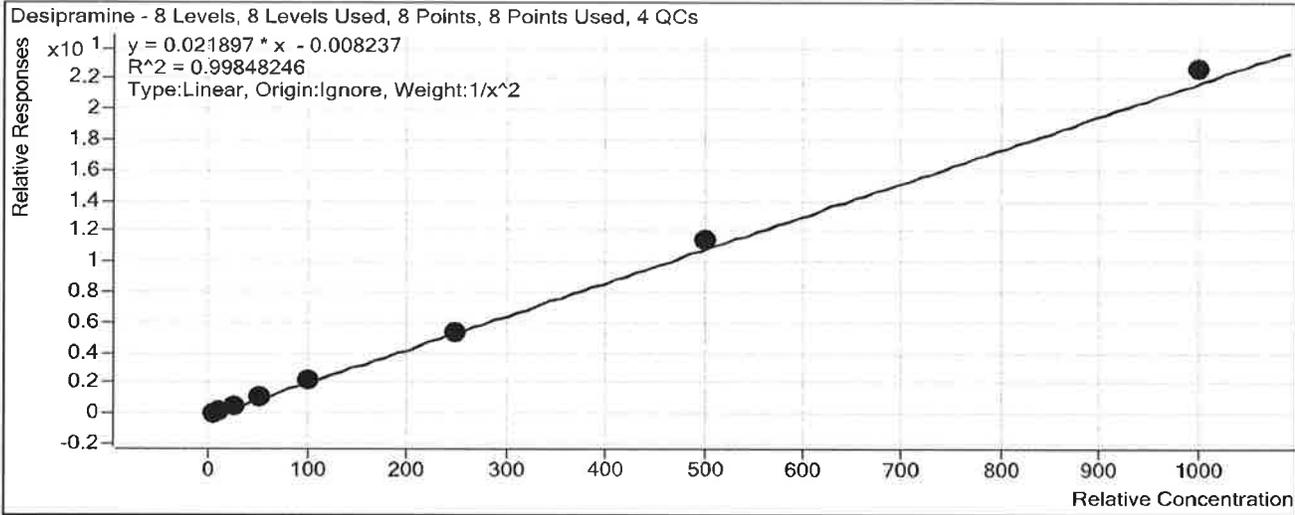


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.8	116.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.5
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.4	104.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.2	94.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.9	94.9
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.0	99.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	235.6	94.2
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	254.4	101.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.7	99.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1026.4	102.6
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1067.9	106.8

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin
Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.1
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.9	99.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.8	97.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.9	99.9
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.6	100.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.8	98.7
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	249.5	99.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	526.2	105.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1033.6	103.4
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1053.3	105.3

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin

Last Calib Update

4/27/2018 9:14 AM

Analyst Name

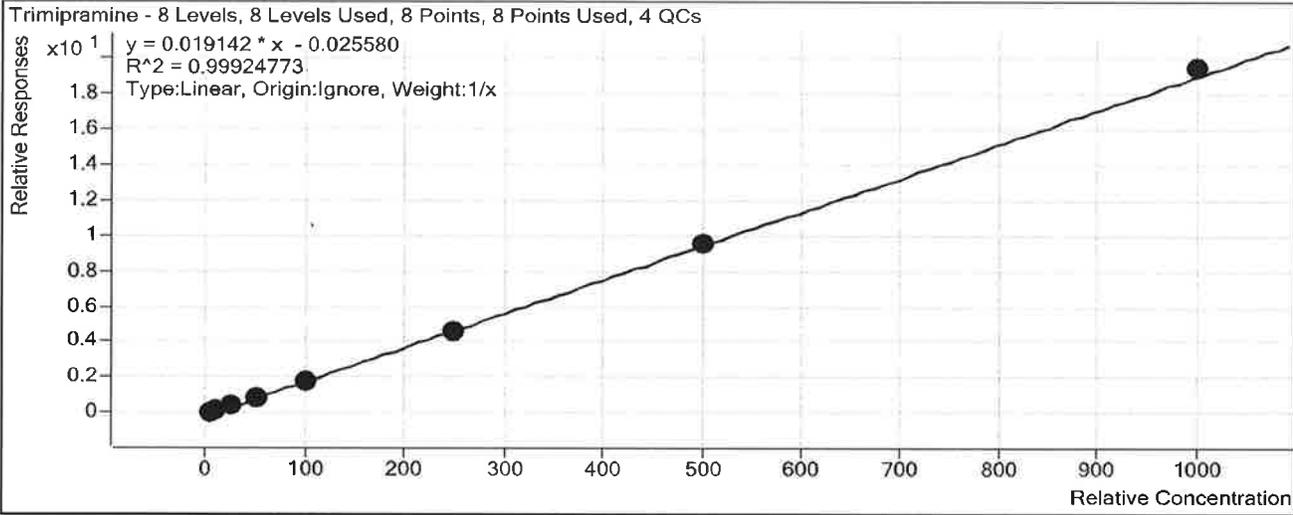
ISP TOX

Target Compound

Trimipramine

Internal Standard

Trimipramine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.7	114.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.8
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.1	101.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.4	93.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.1	96.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.8	94.8
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	97.5	97.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	239.0	95.6
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	228.8	91.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.0	100.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1016.7	101.7
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	958.5	95.8

ISP FORENSICS Calibration Curve Report



Batch Data Path

C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin

Last Calib Update

4/27/2018 9:14 AM

Analyst Name

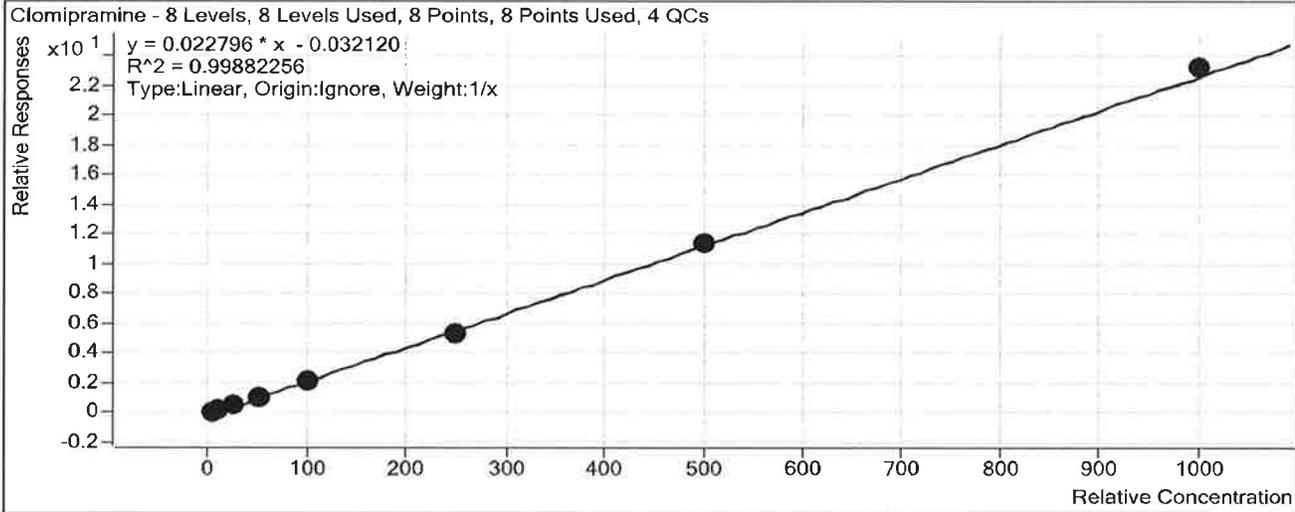
ISP TOX

Target Compound

Clomipramine

Internal Standard

Clomipramine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.9	117.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.2
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.5	105.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.4	89.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.8	96.8
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	89.6	89.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	233.5	93.4
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	245.0	98.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.2	100.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1018.7	101.9
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1022.0	102.2

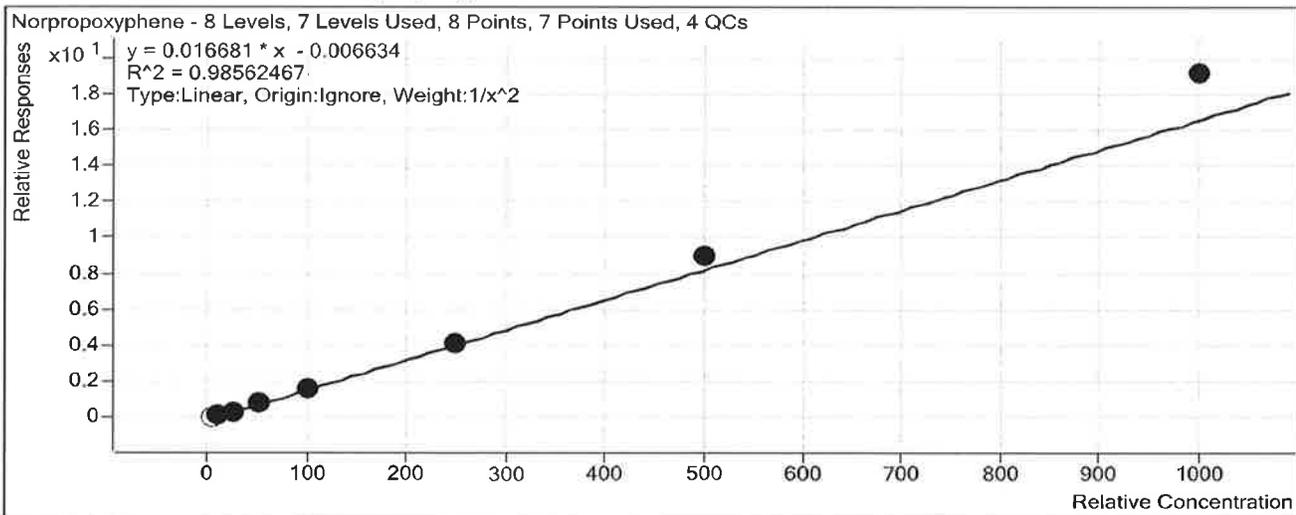
ISP FORENSICS

Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklst 2354 SP.batch.bin

Last Calib Update 4/27/2018 9:14 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	5	5.8	116.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.8	107.8
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.3	93.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.3	85.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.4	92.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.3	94.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	107.2	107.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.6	97.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	295.0	118.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	538.2	107.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1146.0	114.6
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1354.4	135.4

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

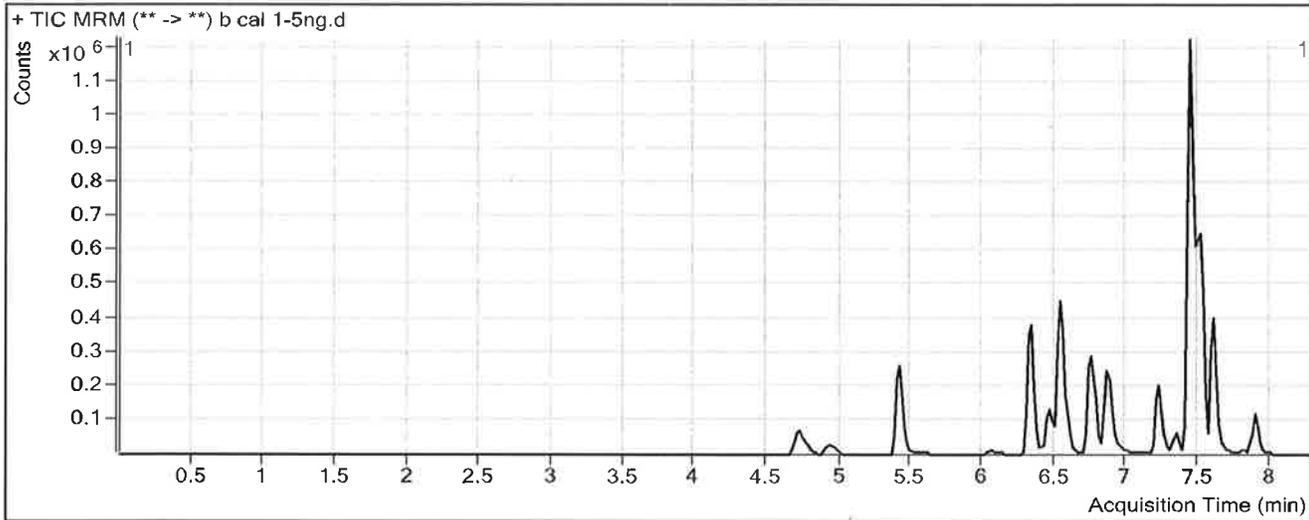


Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklist 2:
Analysis Time 4/27/2018 9:14 AM **Analyst Name** ISPUser
Report Time 4/27/2018 12:29 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 9:14 AM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 15:57 **Data File** b cal 1-5ng.d
Sample Type Calibration **Sample Name** b cal 1-5ng
Dilution 1 **Acq Method** MDQ Panel 2b 3-12-17-2.m
Position P2-A5 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.758	61225	250302	0.2446	5.6100
MDMA	MDMA-D6	4.934	41173	55262	0.7450	5.7510
MDEA	MDEA-D6	5.411	87157	944572	0.0923	5.9135
Primidone	MDEA-D6	6.062	15681	944572	0.0166	5.1085
Tapentadol	Tapentadol-D3	6.344	172834	1192579	0.1449	5.8548
Meperidine	Meperidine-D4	6.456	38894	443508	0.0877	5.7317
Normeperidine	Normeperidine-D4	6.563	61362	342217	0.1793	5.5490
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.556	92104	1157311	0.0796	4.8873
Pentazocine	Pentazocine-13C3	6.757	77450	894640	0.0866	5.1322
Phencyclidine	Phencyclidine-D5	6.887	72604	932873	0.0778	5.5279
Flurazepam	Propoxyphene-D11	7.214	91451	253805	0.3603	5.2794
Zaleplon	Zaleplon-D4	7.223	79810	400523	0.1993	6.1972
Phenytoin	Phenytoin-D10	7.270	5640	44382	0.1271	6.1347
Verapamil	Propoxyphene-D11	7.333	125192	253805	0.4933	5.2889
Amoxapine	Zaleplon-D4	7.401	18179	400523	0.0454	4.8178
Propoxyphene	Propoxyphene-D11	7.437	144013	253805	0.5674	5.4045
Flunitrazepam	Flunitrazepam-D7	7.441	100942	287020	0.3517	5.3450
Imipramine	Imipramine-D3	7.449	132987	1359711	0.0978	5.8233
Desipramine	Desipramine-D3	7.471	133746	1285697	0.1040	5.1269
Trimipramine	Trimipramine-D3	7.507	127686	1527136	0.0836	5.7044

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

bal 1 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.600	108927	1065612	0.1022	5.8932
Norpropoxyphene	Norpropoxyphene-D5	7.785	2247	24879	0.0903	5.8124

ISP FORENSICS - Pocatello Instrument # 59740

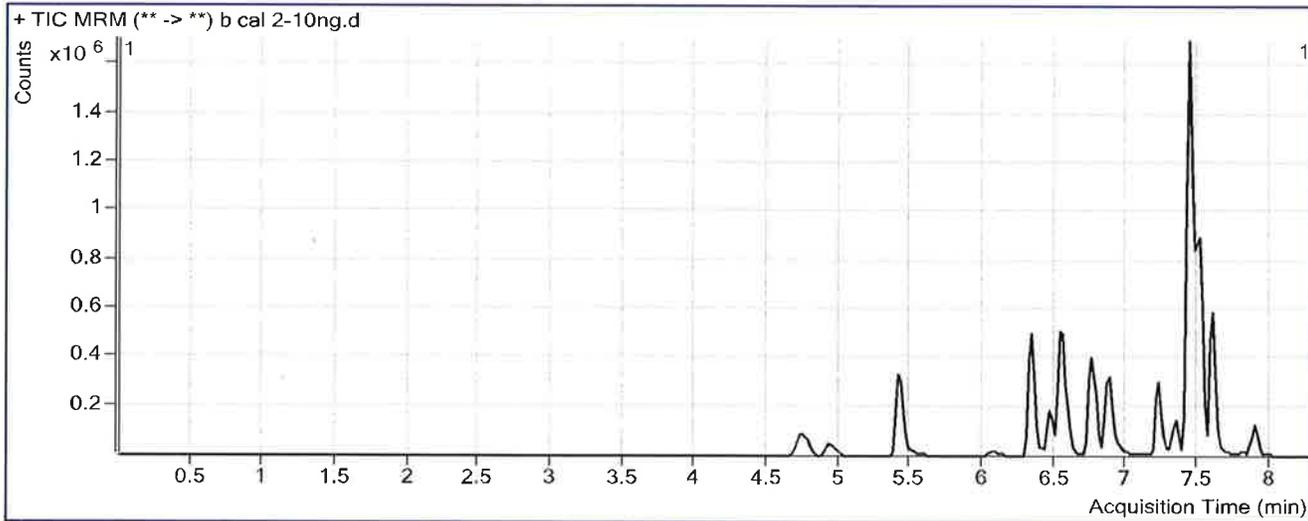
Multi-Drug Confirmatory Analysis Report

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Report Time 4/27/2018 12:29 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 9:14 AM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 16:28 **Data File** b cal 2-10ng.d
Sample Type Calibration **Sample Name** b cal 2-10ng
Dilution 1 **Acq Method** MDQ Panel 2b 3-12-17-2.m
Position P2-B5 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.758	133644	300554	0.4447	9.6539
MDMA	MDMA-D6	4.954	94998	62237	1.5264	9.9843
MDEA	MDEA-D6	5.431	192965	1082969	0.1782	9.9473
Primidone	MDEA-D6	6.062	33939	1082969	0.0313	9.2348
Tapentadol	Tapentadol-D3	6.344	375351	1292062	0.2905	10.1298
Meperidine	Meperidine-D4	6.456	88682	523160	0.1695	9.6190
Normeperidine	Normeperidine-D4	6.563	148995	426779	0.3491	9.7525
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.556	193360	1156075	0.1673	10.2327
Pentazocine	Pentazocine-13C3	6.757	189174	1026073	0.1844	9.8742
Phencyclidine	Phencyclidine-D5	6.887	185142	1113263	0.1663	10.3373
Flurazepam	Propoxyphene-D11	7.214	234765	326128	0.7199	9.2130
Zaleplon	Zaleplon-D4	7.223	160802	409114	0.3930	10.2084
Phenytoin	Phenytoin-D10	7.270	10287	45752	0.2248	9.3566
Verapamil	Propoxyphene-D11	7.333	315302	326128	0.9668	9.3773
Amoxapine	Zaleplon-D4	7.401	43180	409114	0.1055	11.0567
Propoxyphene	Propoxyphene-D11	7.437	341156	326128	1.0461	9.5259
Flunitrazepam	Flunitrazepam-D7	7.441	192100	282395	0.6803	9.6194
Imipramine	Imipramine-D3	7.449	309634	1622750	0.1908	10.1533
Desipramine	Desipramine-D3	7.471	309430	1514521	0.2043	9.7067
Trimipramine	Trimipramine-D3	7.507	314064	1814005	0.1731	10.3811

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

cal 2 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.600	267791	1318032	0.2032	10.3220
Norpropoxyphene	Norpropoxyphene-D5	7.785	4757	27476	0.1731	10.7772

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

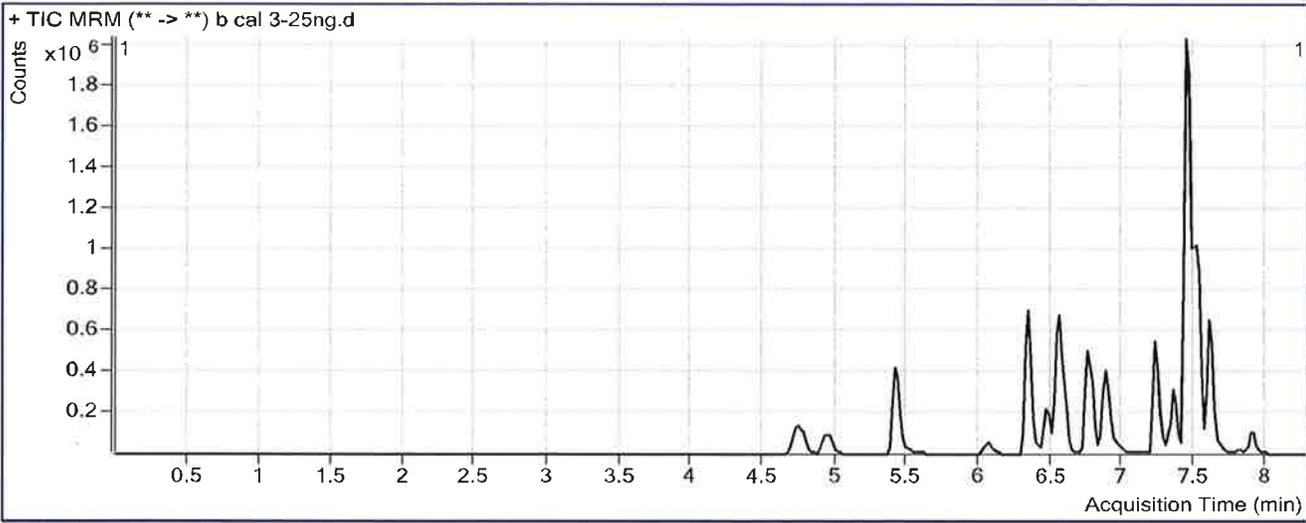
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Report Time	4/27/2018 12:29 PM	Reporter Name	ISPUser
Last Calib Update	4/27/2018 9:14 AM	Batch State	Processed

Analysis Info

Acq Time	2018-04-26 17:00	Data File	b cal 3-25ng.d
Sample Type	Calibration	Sample Name	b cal 3-25ng
Dilution	1	Acq Method	MDQ Panel 2b 3-12-17-2.m
Position	P2-C5	Sample Info	
Inj Vol	-1	Comment	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.758	317609	274304	1.1579	24.0709
MDMA	MDMA-D6	4.954	233805	58136	4.0217	23.5038
MDEA	MDEA-D6	5.431	476644	1001264	0.4760	23.9328
Primidone	MDEA-D6	6.062	88877	1001264	0.0888	25.3123
Tapentadol	Tapentadol-D3	6.344	925417	1226656	0.7544	23.7528
Meperidine	Meperidine-D4	6.476	222928	479886	0.4645	23.6368
Normeperidine	Normeperidine-D4	6.563	357009	389829	0.9158	23.7809
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.556	499282	1204074	0.4147	25.3169
Pentazocine	Pentazocine-13C3	6.757	427894	940044	0.4552	23.0057
Phencyclidine	Phencyclidine-D5	6.887	401453	1000121	0.4014	23.1167
Flurazepam	Propoxyphene-D11	7.214	524862	263950	1.9885	23.0932
Zaleplon	Zaleplon-D4	7.223	412794	409194	1.0088	22.9536
Phenytoin	Phenytoin-D10	7.270	27679	46262	0.5983	21.6644
Verapamil	Propoxyphene-D11	7.333	657637	263950	2.4915	22.5413
Amoxapine	Zaleplon-D4	7.421	98448	409194	0.2406	25.0624
Propoxyphene	Propoxyphene-D11	7.437	731566	263950	2.7716	24.3832
Flunitrazepam	Flunitrazepam-D7	7.441	485085	258730	1.8749	25.1610
Imipramine	Imipramine-D3	7.449	652660	1327557	0.4916	24.1587
Desipramine	Desipramine-D3	7.471	655156	1270591	0.5156	23.9244
Trimipramine	Trimipramine-D3	7.527	617410	1465208	0.4214	23.3501

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

b cal 3 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.600	496432	1039754	0.4775	22.3540
Norpropoxyphene	Norpropoxyphene-D5	7.805	9499	27289	0.3481	21.2656

ISP FORENSICS - Pocatello Instrument # 59740

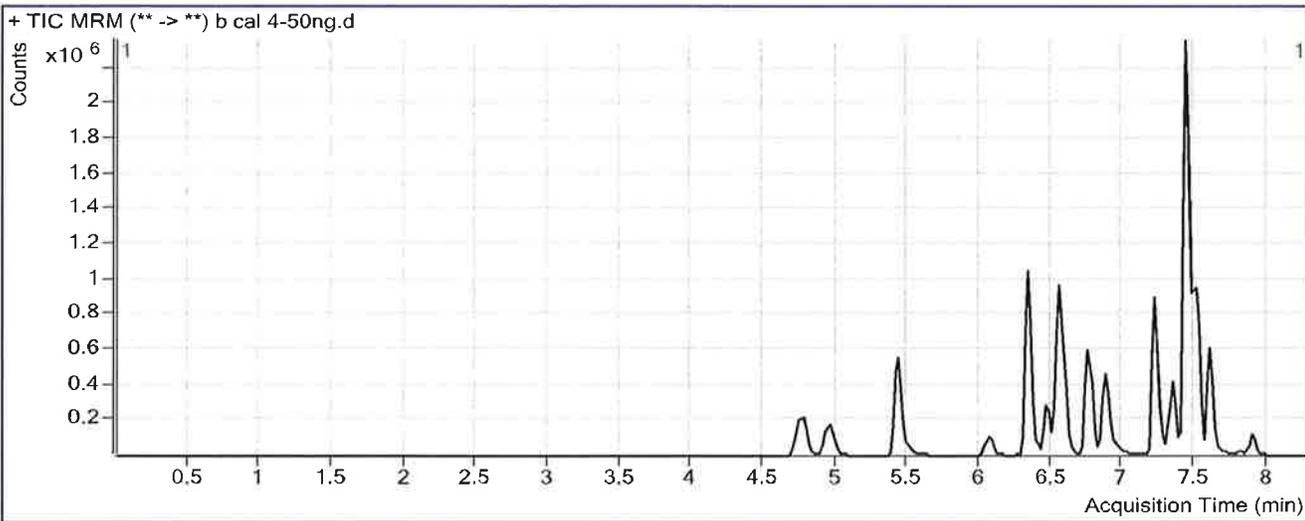
Multi-Drug Confirmatory Analysis Report

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Report Time 4/27/2018 12:29 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 9:14 AM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 17:31 **Data File** b cal 4-50ng.d
Sample Type Calibration **Sample Name** b cal 4-50ng
Dilution 1 **Acq Method** MDQ Panel 2b 3-12-17-2.m
Position P2-D5 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.778	593913	244324	2.4308	49.8030
MDMA	MDMA-D6	4.954	451112	52496	8.5933	48.2723
MDEA	MDEA-D6	5.431	865757	901173	0.9607	46.6892
Primidone	MDEA-D6	6.062	190272	901173	0.2111	59.5735
Tapentadol	Tapentadol-D3	6.344	1859890	1195668	1.5555	47.2773
Meperidine	Meperidine-D4	6.456	383614	386220	0.9933	48.7573
Normeperidine	Normeperidine-D4	6.563	609825	312639	1.9506	49.3961
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.576	1074674	1244883	0.8633	52.6688
Pentazocine	Pentazocine-13C3	6.757	703738	728023	0.9666	47.8055
Phencyclidine	Phencyclidine-D5	6.887	654001	757020	0.8639	48.2577
Flurazepam	Propoxyphene-D11	7.214	759006	166895	4.5478	51.0947
Zaleplon	Zaleplon-D4	7.223	886210	418658	2.1168	45.8877
Phenytoin	Phenytoin-D10	7.270	65275	49053	1.3307	45.8008
Verapamil	Propoxyphene-D11	7.333	893676	166895	5.3547	47.2612
Amoxapine	Zaleplon-D4	7.401	147656	418658	0.3527	36.6884
Propoxyphene	Propoxyphene-D11	7.437	993938	166895	5.9555	51.7973
Flunitrazepam	Flunitrazepam-D7	7.441	974227	268138	3.6333	48.0377
Imipramine	Imipramine-D3	7.449	810605	821304	0.9870	47.2210
Desipramine	Desipramine-D3	7.471	848000	800528	1.0593	48.7531
Trimipramine	Trimipramine-D3	7.507	793423	886176	0.8953	48.1104

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

bc1 4 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.600	670001	626960	1.0687	48.2889
Norpropoxyphene	Norpropoxyphene-D5	7.805	24252	31601	0.7674	46.4050

ISP FORENSICS - Pocatello Instrument # 59740

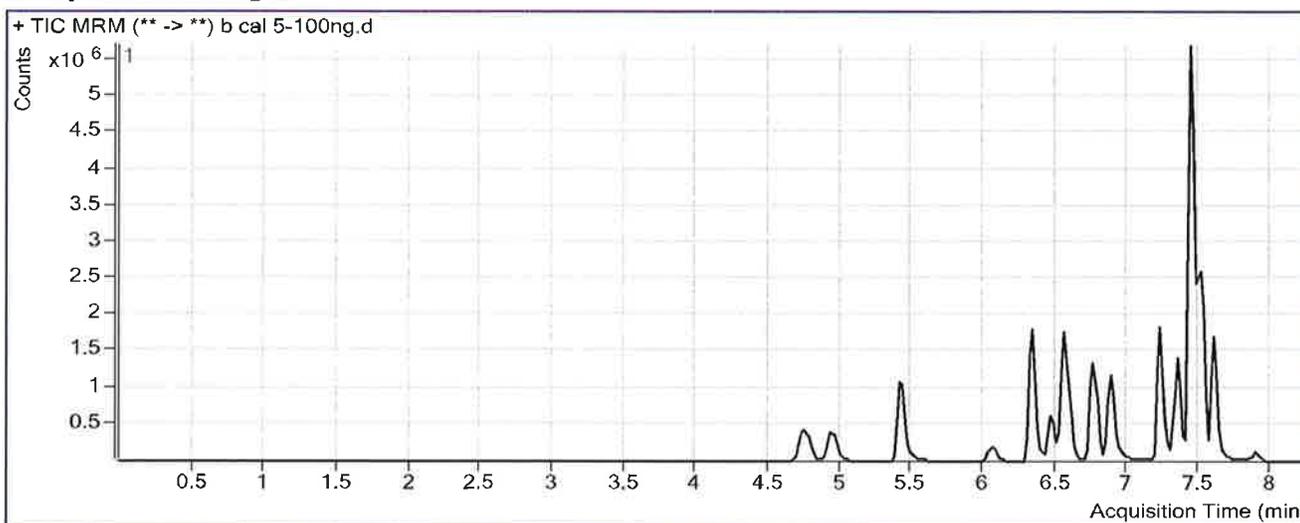
Multi-Drug Confirmatory Analysis Report

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Report Time 4/27/2018 12:29 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 9:14 AM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 18:03 **Data File** b cal 5-100ng.d
Sample Type Calibration **Sample Name** b cal 5-100ng
Dilution 1 **Acq Method** MDQ Panel 2b 3-12-17-2.m
Position P2-E5 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.758	1328383	273814	4.8514	98.7328
MDMA	MDMA-D6	4.934	1096188	62420	17.5616	96.8624
MDEA	MDEA-D6	5.431	2180954	1074712	2.0293	96.8654
Primidone	MDEA-D6	6.062	355138	1074712	0.3304	92.9772
Tapentadol	Tapentadol-D3	6.344	3998702	1263311	3.1653	94.5474
Meperidine	Meperidine-D4	6.456	1039230	510378	2.0362	98.3107
Normeperidine	Normeperidine-D4	6.563	1679024	422932	3.9700	99.3858
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.556	2071196	1172653	1.7662	107.7233
Pentazocine	Pentazocine-13C3	6.757	2021521	996549	2.0285	99.2944
Phencyclidine	Phencyclidine-D5	6.887	1974537	1096686	1.8005	99.1660
Flurazepam	Propoxyphene-D11	7.214	2324377	279978	8.3020	92.1694
Zaleplon	Zaleplon-D4	7.223	1605642	361228	4.4450	94.0780
Phenytoin	Phenytoin-D10	7.270	127348	40947	3.1101	104.4409
Verapamil	Propoxyphene-D11	7.333	3020377	279978	10.7879	94.1696
Amoxapine	Zaleplon-D4	7.401	415661	361228	1.1507	119.4502
Propoxyphene	Propoxyphene-D11	7.437	3147340	279978	11.2414	97.3107
Flunitrazepam	Flunitrazepam-D7	7.441	1502245	193903	7.7474	101.5609
Imipramine	Imipramine-D3	7.449	2668881	1327248	2.0108	94.8898
Desipramine	Desipramine-D3	7.471	2706461	1241974	2.1792	99.8957
Trimipramine	Trimipramine-D3	7.507	2669228	1491625	1.7895	94.8223

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

b cal 5 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.600	2268797	1042959	2.1753	96.8378
Norpropoxyphene	Norpropoxyphene-D5	7.805	51776	33058	1.5662	94.2912

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

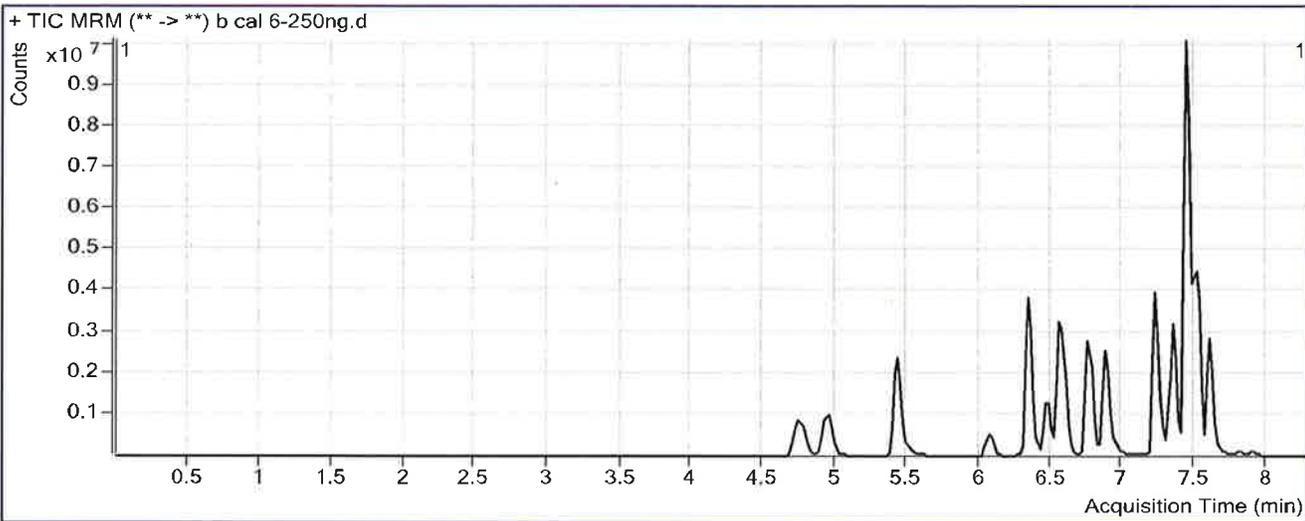
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\042618 MDQP2 worklist 2354 SP\QuantResults\042618 MDQP2b wklist 2:
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Report Time 4/27/2018 12:29 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 9:14 AM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 18:34 **Data File** b cal 6-250ng.d
Sample Type Calibration **Sample Name** b cal 6-250ng
Dilution 1 **Acq Method** MDQ Panel 2b 3-12-17-2.m
Position P2-F5 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.758	3040160	257408	11.8107	239.4086
MDMA	MDMA-D6	4.954	2783491	63065	44.1365	240.8440
MDEA	MDEA-D6	5.431	5304466	1061641	4.9965	236.1825
Primidone	MDEA-D6	6.062	871430	1061641	0.8208	230.2705
Tapentadol	Tapentadol-D3	6.344	9726738	1212828	8.0199	237.1045
Meperidine	Meperidine-D4	6.476	2556053	502764	5.0840	243.1207
Normeperidine	Normeperidine-D4	6.563	3637198	375364	9.6898	240.9786
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.576	4825502	1172335	4.1161	250.9968
Pentazocine	Pentazocine-13C3	6.757	4788803	958216	4.9976	243.2617
Phencyclidine	Phencyclidine-D5	6.887	4751757	1073054	4.4283	242.0070
Flurazepam	Propoxyphene-D11	7.214	5220808	237803	21.9543	241.5393
Zaleplon	Zaleplon-D4	7.223	3668823	324722	11.2984	235.9354
Phenytoin	Phenytoin-D10	7.270	338852	44551	7.6059	252.6026
Verapamil	Propoxyphene-D11	7.333	6810269	237803	28.6382	248.2832
Amoxapine	Zaleplon-D4	7.401	755145	324722	2.3255	241.2930
Propoxyphene	Propoxyphene-D11	7.437	6757126	237803	28.4148	245.1788
Flunitrazepam	Flunitrazepam-D7	7.441	2687781	139629	19.2494	251.1980
Imipramine	Imipramine-D3	7.449	5316355	1056206	5.0334	235.6157
Desipramine	Desipramine-D3	7.471	5256597	974366	5.3949	246.7539
Trimipramine	Trimipramine-D3	7.507	5409893	1189245	4.5490	238.9863

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

b cal 6 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.600	4322941	817239	5.2897	233.4589
Norpropoxyphene	Norpropoxyphene-D5	7.805	144581	35497	4.0730	244.5701

ISP FORENSICS - Pocatello Instrument # 59740

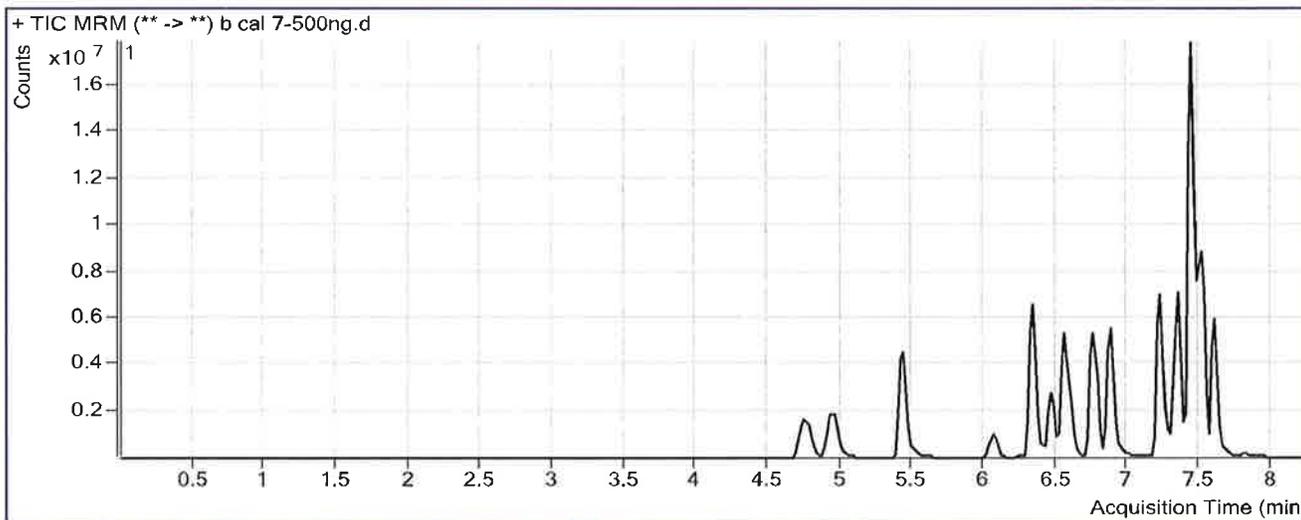
Multi-Drug Confirmatory Analysis Report

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Report Time 4/27/2018 12:29 PM **Reporter Name** ISPUser
Last Calib Update 4/27/2018 9:14 AM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 19:06 **Data File** b cal 7-500ng.d
Sample Type Calibration **Sample Name** b cal 7-500ng
Dilution 1 **Acq Method** MDQ Panel 2b 3-12-17-2.m
Position P2-G5 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.758	5809991	237086	24.5058	496.0304
MDMA	MDMA-D6	4.954	5780602	62982	91.7824	498.9870
MDEA	MDEA-D6	5.431	11145221	1054965	10.5645	497.6222
Primidone	MDEA-D6	6.062	1654341	1054965	1.5681	439.4973
Tapentadol	Tapentadol-D3	6.344	18309616	1067676	17.1490	505.1841
Meperidine	Meperidine-D4	6.456	5465931	516150	10.5898	504.7186
Normeperidine	Normeperidine-D4	6.563	6389880	312758	20.4307	506.8678
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.556	8263410	1043948	7.9155	482.6457
Pentazocine	Pentazocine-13C3	6.757	10459687	945150	11.0667	537.5419
Phencyclidine	Phencyclidine-D5	6.887	10891015	1188044	9.1672	499.6042
Flurazepam	Propoxyphene-D11	7.214	11467269	242643	47.2599	518.4074
Zaleplon	Zaleplon-D4	7.223	5986369	251600	23.7932	494.5633
Phenytoin	Phenytoin-D10	7.270	703068	37988	18.5074	611.8652
Verapamil	Propoxyphene-D11	7.333	15234169	242643	62.7843	543.0891
Amoxapine	Zaleplon-D4	7.401	1204272	251600	4.7864	496.5203
Propoxyphene	Propoxyphene-D11	7.437	13935285	242643	57.4312	495.0197
Flunitrazepam	Flunitrazepam-D7	7.421	3257763	87999	37.0205	482.3940
Imipramine	Imipramine-D3	7.449	10712976	1008694	10.6206	495.7429
Desipramine	Desipramine-D3	7.471	9332470	810607	11.5129	526.1577
Trimipramine	Trimipramine-D3	7.507	11933661	1245255	9.5833	501.9883

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

b cal 7 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.600	9682774	844892	11.4604	504.1561
Norpropoxyphene	Norpropoxyphene-D5	7.785	339732	37871	8.9709	538.1941

ISP FORENSICS - Pocatello Instrument # 59740

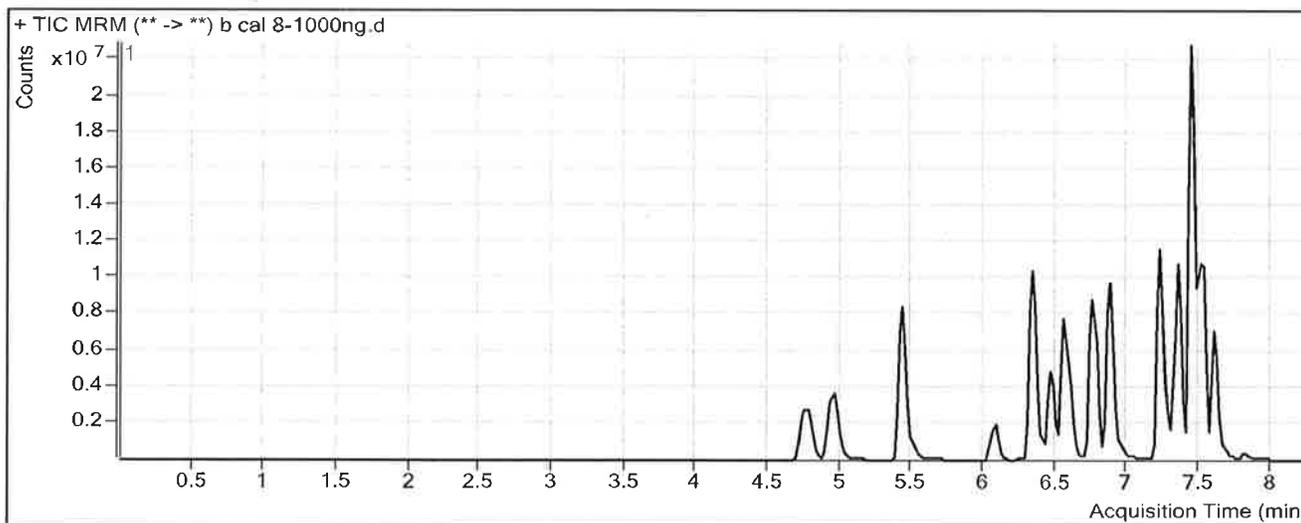
Multi-Drug Confirmatory Analysis Report

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Report Time 4/27/2018 12:29 PM **Reporter Name** ISUser
Last Calib Update 4/27/2018 9:14 AM **Batch State** Processed

Analysis Info

Acq Time 2018-04-26 19:37 **Data File** b cal 8-1000ng.d
Sample Type Calibration **Sample Name** b cal 8-1000ng
Dilution 1 **Acq Method** MDQ Panel 2b 3-12-17-2.m
Position P2-H5 **Sample Info**
Inj Vol -1 **Comment** AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.758	10505006	209001	50.2630	1016.6904
MDMA	MDMA-D6	4.954	11029439	58927	187.1706	1015.7953
MDEA	MDEA-D6	5.431	21018594	966344	21.7506	1022.8471
Primidone	MDEA-D6	6.082	3314484	966344	3.4299	960.7407
Tapentadol	Tapentadol-D3	6.344	31671681	916707	34.5494	1016.1493
Meperidine	Meperidine-D4	6.456	9622415	455123	21.1424	1006.1051
Normeperidine	Normeperidine-D4	6.563	8977661	221536	40.5247	1004.2893
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.556	14240789	979242	14.5427	886.7026
Pentazocine	Pentazocine-13C3	6.757	18122808	822948	22.0218	1068.7385
Phencyclidine	Phencyclidine-D5	6.887	19660182	1057383	18.5932	1011.9833
Flurazepam	Propoxyphene-D11	7.214	18759731	178293	105.2185	1152.5335
Zaleplon	Zaleplon-D4	7.223	10592290	213255	49.6696	1030.1764
Phenytoin	Phenytoin-D10	7.270	1467085	40916	35.8563	1183.6039
Verapamil	Propoxyphene-D11	7.333	23450467	178293	131.5277	1136.5962
Amoxapine	Zaleplon-D4	7.401	1383097	213255	6.4857	672.7480
Propoxyphene	Propoxyphene-D11	7.437	20931823	178293	117.4012	1011.3799
Flunitrazepam	Flunitrazepam-D7	7.441	4508207	57732	78.0891	1016.6840
Imipramine	Imipramine-D3	7.449	13635470	619277	22.0184	1026.3953
Desipramine	Desipramine-D3	7.471	10862164	480101	22.6247	1033.6194
Trimipramine	Trimipramine-D3	7.527	15670122	806287	19.4349	1016.6570

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.600	12084094	521104	23.1894	1018.6891
Norpropoxyphene	Norpropoxyphene-D5	7.805	728804	38139	19.1091	1145.9741