

Worklist: 2172

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2017-5558	1	106921	AM 28 Blood Multi-Drug Quant	
M2017-5822	1	106922	AM 28 Blood Multi-Drug Quant	
M2017-5890	1	106923	AM 28 Blood Multi-Drug Quant	
M2017-5967	3	106924	AM 28 Blood Multi-Drug Quant	
M2018-0164	1	106925	AM 28 Blood Multi-Drug Quant	
M2018-0196	1	106926	AM 28 Blood Multi-Drug Quant	
M2018-0204	1	106927	AM 28 Blood Multi-Drug Quant	
P2017-2999	1	106928	AM 28 Blood Multi-Drug Quant	
P2018-0109	2	106929	AM 28 Blood Multi-Drug Quant	
P2018-0109	3	106930	AM 28 Blood Multi-Drug Quant	
P2018-0218	1	106931	AM 28 Blood Multi-Drug Quant	
P2018-0221	1	106932	AM 28 Blood Multi-Drug Quant	
P2018-0222	1	106933	AM 28 Blood Multi-Drug Quant	
P2018-0223	1	106934	AM 28 Blood Multi-Drug Quant	
P2018-0224	1	106935	AM 28 Blood Multi-Drug Quant	
P2018-0244	1	106936	AM 28 Blood Multi-Drug Quant	
P2018-0251	1	106937	AM 28 Blood Multi-Drug Quant	
P2018-0262	1	106938	AM 28 Blood Multi-Drug Quant	
P2018-0265	1	106939	AM 28 Blood Multi-Drug Quant	
P2018-0271	1	106940	AM 28 Blood Multi-Drug Quant	
P2018-0273	1	106941	AM 28 Blood Multi-Drug Quant	

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

Extraction Date: 02/05/18
Plate lot#: 0507680

Analyst: Sarah Pickle
Plate Expiration: ~~05/31/2018~~ 06/05/2018 **F**

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: MDQ Panel 1 SP 020518 Batch Name: MDQ Panel 1a SP 020518
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: **Curve Range Limited:** Amphetamine 10-1000
Norhydrocodone 25-1000
Lorazepam 5-50
Norfentanyl 2.5-100
Buprenorphine 2.5-100

A

Toxicology AM method 28 panel 1 external prep information
Working Solution 10000 ng/ml in MeOH trazodone, ketamine, morphine, quetiapine
Stock Solution 1mg/ml 100 ul each in 9600 ul MeOH (Fisher Lot # 172516)
Prepared: 12/12/17 Expires: 06/12/17 By: TNS

Drug	Lot	Expiration
Trazodone	FN12151403	1/1/2020
Ketamine	FE01131504	2/1/2020
Morphine	FE08141515	11/1/2020
Quetiapine	FN02021502	2/1/2020

AM 28 control 50 ul working solution lot (WS121217) in 9950ul blood (Hemostat Lot# 361331-2)
Prepared: 12/12/17 Expires: ~~06/12/17~~ 06/12/18 By: TNS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

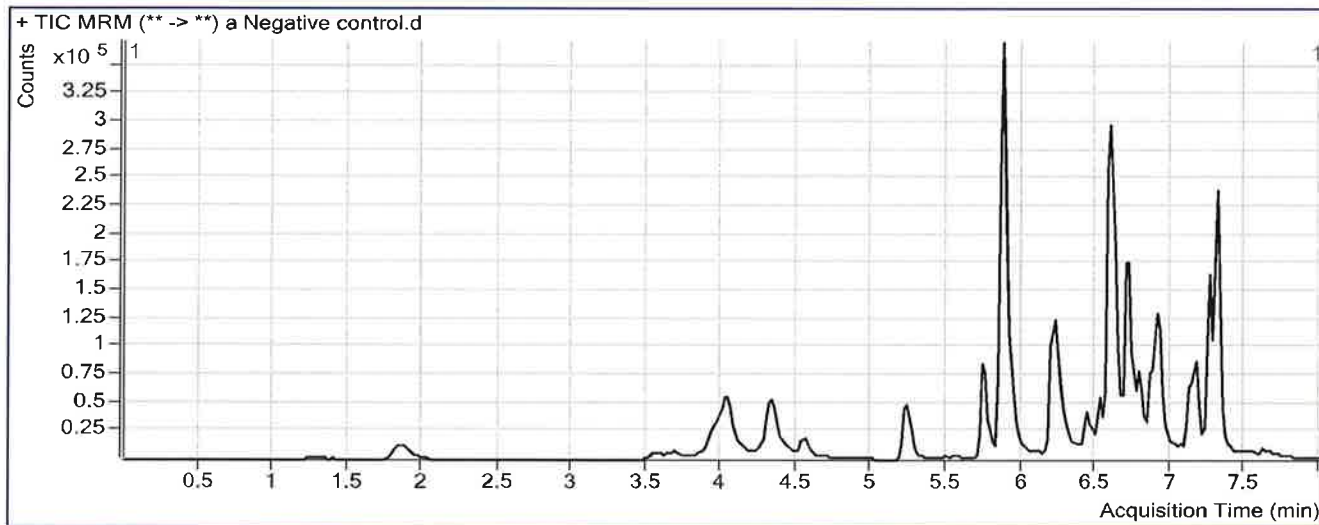
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Report Time	2/7/2018 3:47 PM	Reporter Name	ISPUser
Last Calib Update	2/7/2018 3:30 PM	Batch State	Processed

Analysis Info

Acq Time	2018-02-05 21:34	Data File	a Negative control.d
Sample Type	Sample	Sample Name	a Negative control
Dilution	1	Acq Method	MD Quant Panel 1a 1-19-2018.m
Position	P1-D11	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Amphetamine	Amphetamine-D11	4.083	47204	111757	0.4224	3.7787 <5
Tramadol	Tramadol-13C-D3	5.897	18836	1005972	0.0187	0.5271 <5
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	1208	85621	0.0141	0.9859 <5

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

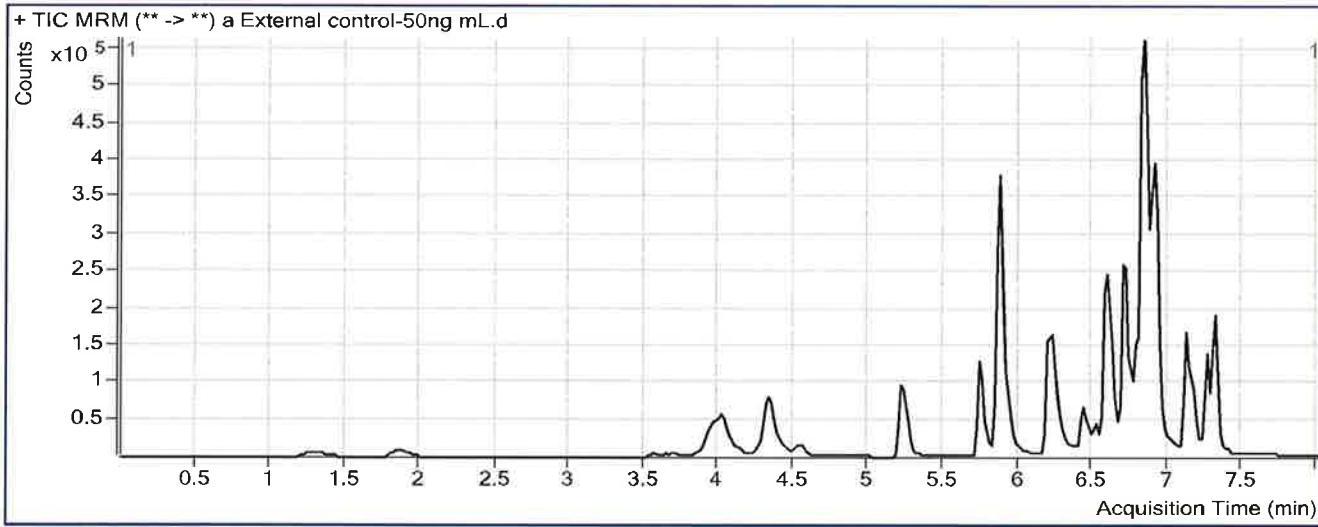


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Report Time 2/7/2018 3:47 PM **Reporter Name** ISPUser
Last Calib Update 2/7/2018 3:30 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-05 22:05 **Data File** a External control-50ng mL.d
Sample Type Sample **Sample Name** a External control-50ng mL
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-C11 **Sample Info**
Inj Vol -1 **Comment** AM 28; WS121217 50 ng trazodone, ketamine, morphine, quetiapine

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
<u>Morphine</u>	Morphine-D6	1.288	33313	13436	2.4793	72.3966
<u>Amphetamine</u>	Amphetamine-D11	4.103	51311	211346	0.2428	0.8799 < 5
<u>Trazodone</u>	Trazodone-D6	6.834	869393	388625	2.2371	83.5298

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

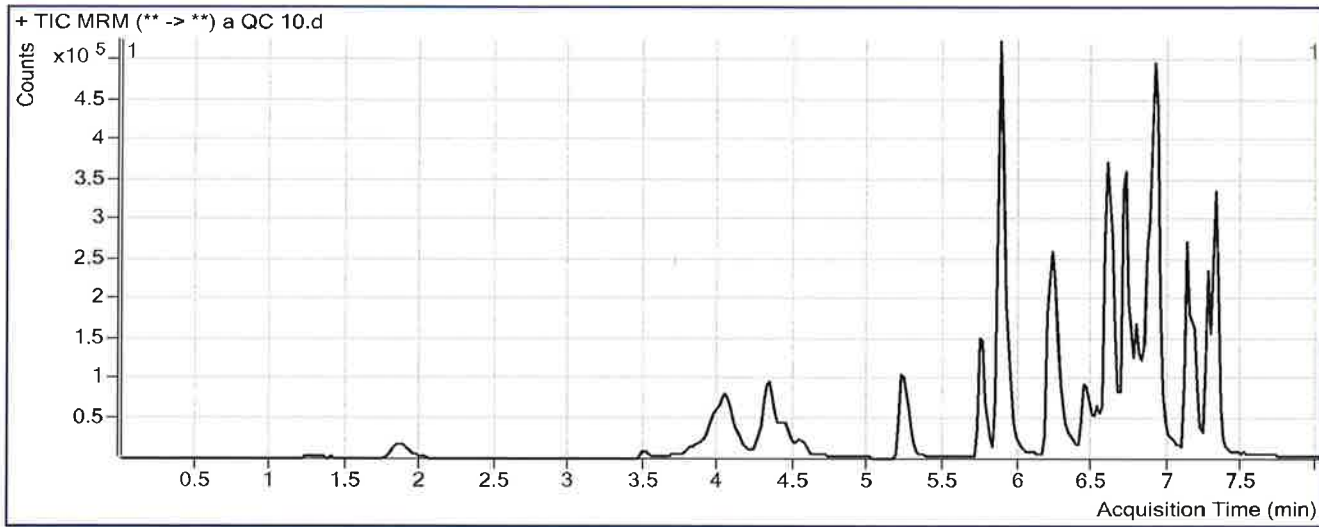
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bi
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Report Time 2/7/2018 3:48 PM **Reporter Name** ISPUser
Last Calib Update 2/7/2018 3:30 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-05 23:08 **Data File** a QC 10.d
Sample Type QC **Sample Name** a QC 10
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-H11 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	6179	19551	0.3161	10.2874
Hydromorphone	Hydromorphone-D6	1.869	25557	88689	0.2882	9.8197
Codeine	Codeine-D6	3.512	9989	43612	0.2290	9.8966
Oxycodone	Oxycodone-D6	4.069	77244	277779	0.2781	9.4265
Amphetamine	Amphetamine-D11	4.083	165980	141011	1.1771	15.9600
Hydrocodone	Hydrocodone-D6	4.354	29016	170676	0.1700	9.5928
Norhydrocodone	Norhydrocodone-D3	4.357	1679	40638	0.0413	17.5538
Methamphetamine	Methamphetamine-D11	4.441	118325	351253	0.3369	9.9048
6-MAM	6-MAM-D6	4.548	1427	50268	0.0284	1.0501
Phentermine	Phentermine-D5	5.261	53374	411428	0.1297	10.4504
Dextrophan	Dextrophan-D3	5.741	47348	424575	0.1115	10.1204
Tramadol	Tramadol-13C-D3	5.897	295255	1211662	0.2437	10.7272
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	81008	296590	0.2731	9.8352
Doxylamine	Doxylamine-D5	6.240	211056	903505	0.2336	9.3857
Bupropion	Bupropion-D9	6.469	66726	218152	0.3059	11.2185
Meprobamate	Meprobamate-D7	6.551	32054	117022	0.2739	9.2684
Zolpidem	Zolpidem-D6	6.616	233750	1164673	0.2007	9.4355
Venlafaxine	Venlafaxine-D6	6.722	222089	907795	0.2446	9.9008
Trazodone	Trazodone-D6	6.834	128408	425518	0.3018	11.0586
Citalopram	Citalopram-D6	6.856	101433	465672	0.2178	9.8238

outside
curve range
P
outside
curve range
P

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *Plaqc10*

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	40036	139726	0.2865	10.6461
Diphenhydramine	Diphenhydramine-D3	6.931	194117	989784	0.1961	10.2305
Promethazine	Promethazine-D3	7.127	143204	546516	0.2620	10.2107
Clonazepam	Clonazepam-D4	7.162	91537	88650	1.0326	9.2175
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	18975	78929	0.2404	10.7884
Carisoprodol	Carisoprodol-D7	7.272	84053	271394	0.3097	11.0153
Lorazepam	Alprazolam-D5	7.282	47547	450927	0.1054	12.7142
Alprazolam	Alprazolam-D5	7.305	155354	450927	0.3445	10.2397

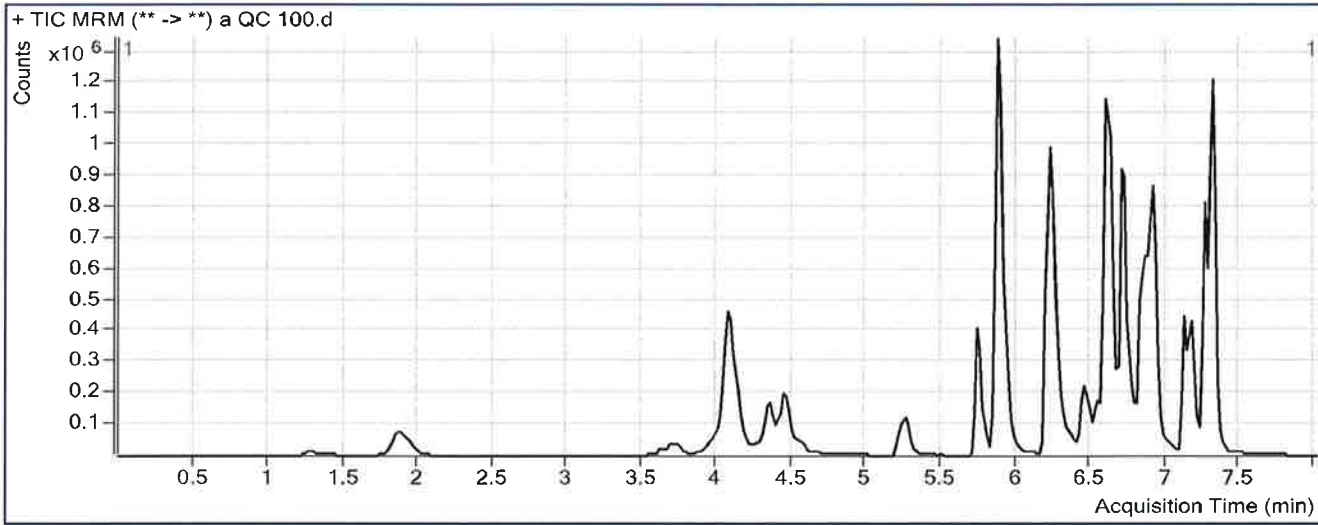
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

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Report Time 2/7/2018 3:48 PM **Reporter Name** ISPUser
Last Calib Update 2/7/2018 3:30 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-06 01:46 **Data File** a QC 100.d
Sample Type QC **Sample Name** a QC 100
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-G11 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	59969	14750	4.0658	117.9492
Hydromorphone	Hydromorphone-D6	1.889	276894	77790	3.5595	109.9393
Codeine	Codeine-D6	3.715	103610	38941	2.6607	105.8076
Oxycodone	Oxycodone-D6	4.069	799098	231638	3.4498	109.0285
Amphetamine	Amphetamine-D11	4.103	1117837	159803	6.9951	109.8669
Hydrocodone	Hydrocodone-D6	4.354	281278	149068	1.8869	112.2515
Norhydrocodone	Norhydrocodone-D3	4.397	16678	33296	0.5009	95.5687
Methamphetamine	Methamphetamine-D11	4.461	665849	178335	3.7337	103.2627
6-MAM	6-MAM-D6	4.548	13446	45568	0.2951	10.6500
Phentermine	Phentermine-D5	5.261	361961	261139	1.3861	126.1168
Dextrorphan	Dextrorphan-D3	5.741	410086	318039	1.2894	108.6925
Tramadol	Tramadol-13C-D3	5.897	2636147	1113707	2.3670	107.0055
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	797209	258494	3.0841	112.8173
Doxylamine	Doxylamine-D5	6.220	1893487	663461	2.8540	107.9987
Bupropion	Bupropion-D9	6.469	340332	113247	3.0052	102.3147
Meprobamate	Meprobamate-D7	6.551	292950	95806	3.0577	116.6469
Zolpidem	Zolpidem-D6	6.596	2416085	1065656	2.2672	105.6475
Venlafaxine	Venlafaxine-D6	6.722	1756538	652415	2.6924	105.7423
Trazodone	Trazodone-D6	6.834	807933	246545	3.2770	122.4710
Citalopram	Citalopram-D6	6.856	596830	241742	2.4689	109.5339

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

PlQC 100

B

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	225090	69245	3.2506	116.4416
Diphenhydramine	Diphenhydramine-D3	6.911	987514	475811	2.0754	103.1155
Promethazine	Promethazine-D3	7.127	706605	259067	2.7275	104.8125
Clonazepam	Clonazepam-D4	7.162	687465	63260	10.8673	104.6820
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	156490	61649	2.5384	110.3252
Carisoprodol	Carisoprodol-D7	7.272	757057	212352	3.5651	123.2756
Lorazepam	Alprazolam-D5	7.282	250889	369962	0.6781	85.9152
Alprazolam	Alprazolam-D5	7.305	1378663	369962	3.7265	104.3981

outside
curve
range B

ISP FORENSICS - Pocatello Instrument # 59740

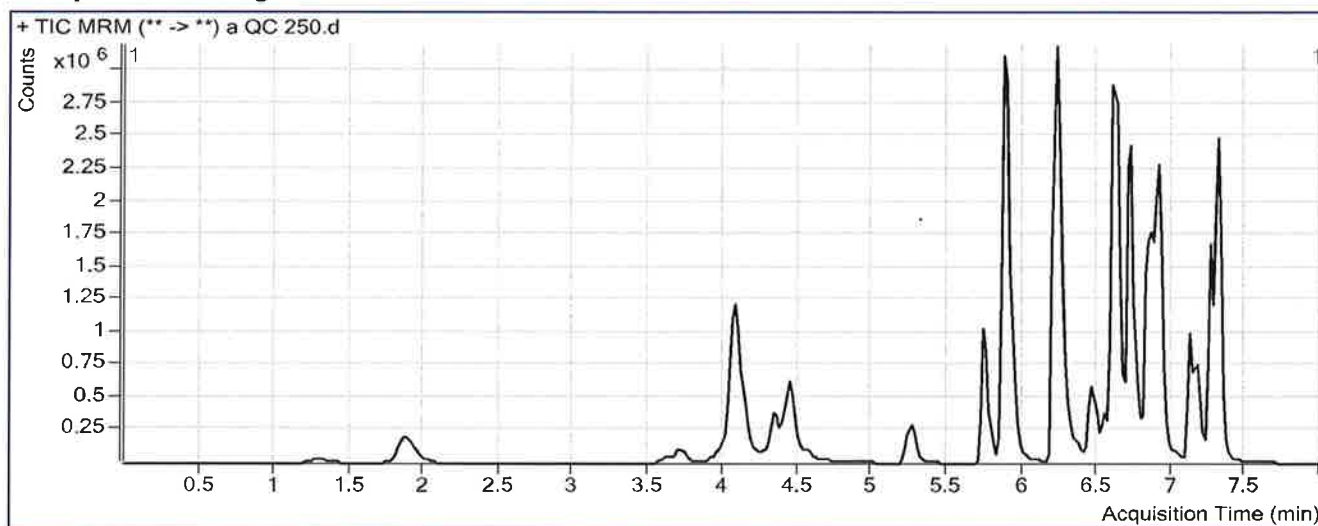
Multi-Drug Confirmatory Analysis Report

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Report Time	2/7/2018 3:49 PM	Reporter Name	ISPUser
Last Calib Update	2/7/2018 3:30 PM	Batch State	Processed

Analysis Info

Acq Time	2018-02-06 03:51	Data File	a QC 250.d
Sample Type	QC	Sample Name	a QC 250
Dilution	1	Acq Method	MD Quant Panel 1a 1-19-2018.m
Position	P1-F11	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.288	167138	18351	9.1079	262.7161
Hydromorphone	Hydromorphone-D6	1.889	766632	89477	8.5679	263.2191
Codeine	Codeine-D6	3.715	271796	41849	6.4947	257.0330
Oxycodone	Oxycodone-D6	4.049	2153642	257517	8.3631	263.3244
Amphetamine	Amphetamine-D11	4.083	3035846	178444	17.0128	271.5595
Hydrocodone	Hydrocodone-D6	4.334	778809	164485	4.7348	282.5359
Norhydrocodone	Norhydrocodone-D3	4.377	49938	31726	1.5740	277.7306
Methamphetamine	Methamphetamine-D11	4.441	2079923	246428	8.4403	232.6175
6-MAM	6-MAM-D6	4.548	36633	50450	0.7261	26.1660
Phentermine	Phentermine-D5	5.261	977835	318384	3.0712	281.2616
Dextrophan	Dextrophan-D3	5.741	1216549	389541	3.1230	262.1375
Tramadol	Tramadol-13C-D3	5.897	7738467	1280592	6.0429	273.6816
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	1958792	269487	7.2686	266.1241
Doxylamine	Doxylamine-D5	6.220	5917177	911491	6.4918	244.9016
Bupropion	Bupropion-D9	6.469	915206	133778	6.8412	231.7693
Meprobamate	Meprobamate-D7	6.551	699400	97951	7.1403	274.1213
Zolpidem	Zolpidem-D6	6.616	6934849	1262747	5.4919	255.7784
Venlafaxine	Venlafaxine-D6	6.722	5546307	807124	6.8717	269.3859
Trazodone	Trazodone-D6	6.834	2349247	311421	7.5436	282.2405
Citalopram	Citalopram-D6	6.856	1751841	279468	6.2685	277.8370

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *PlQC 250*

S

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	624491	87987	7.0976	253.7459
Diphenhydramine	Diphenhydramine-D3	6.911	3085233	594389	5.1906	257.0824
Promethazine	Promethazine-D3	7.127	1995557	280910	7.1039	272.7382
Clonazepam	Clonazepam-D4	7.162	1236974	50155	24.6629	238.5950
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	316881	51497	6.1534	266.9087
Carisoprodol	Carisoprodol-D7	7.272	1614879	226555	7.1280	246.1386
Lorazepam	Alprazolam-D5	7.282	421143	349740	1.2042	153.1482
Alprazolam	Alprazolam-D5	7.305	3207851	349740	9.1721	256.0102

*outside
curve
range
P*

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

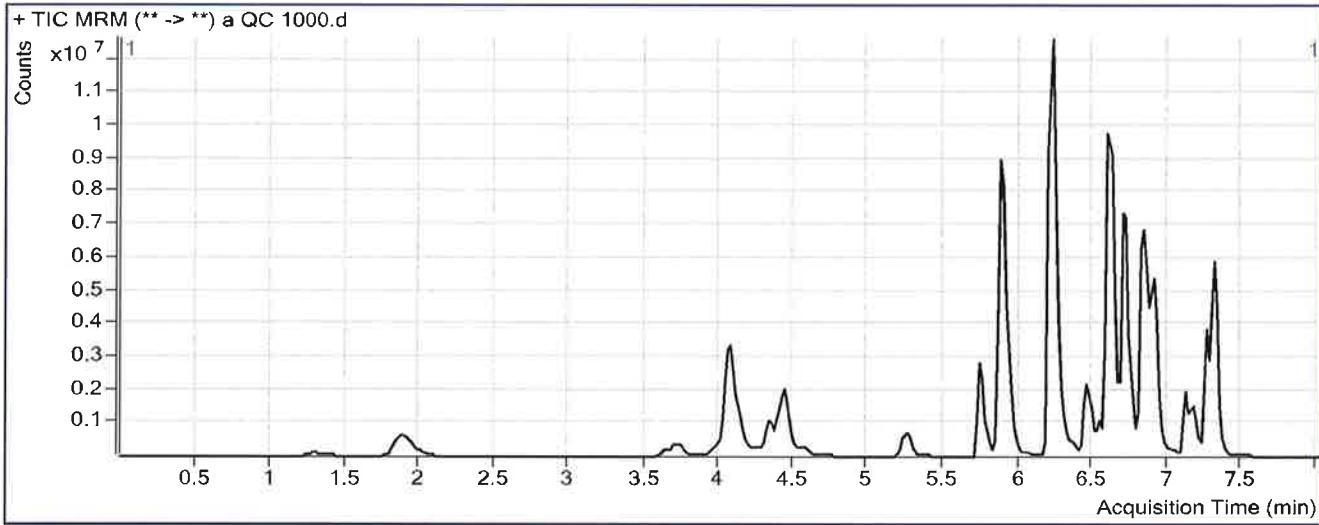
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Batch Data Path	C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bi		
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Report Time	2/7/2018 3:49 PM	Reporter Name	ISPUser
Last Calib Update	2/7/2018 3:30 PM	Batch State	Processed

Analysis Info

Acq Time	2018-02-06 06:13	Data File	a QC 1000.d
Sample Type	QC	Sample Name	a QC 1000
Dilution	1	Acq Method	MD Quant Panel 1a 1-19-2018.m
Position	P1-E11	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	603425	15688	38.4635	1105.5612
Hydromorphone	Hydromorphone-D6	1.889	2687194	79578	33.7680	1034.4644
Codeine	Codeine-D6	3.715	886211	37481	23.6444	933.4674
Oxycodone	Oxycodone-D6	4.049	7651599	247446	30.9223	971.7585
Amphetamine	Amphetamine-D11	4.083	7467612	141323	52.8408	849.8460
Hydrocodone	Hydrocodone-D6	4.334	2641257	156219	16.9074	1010.3692
Norhydrocodone	Norhydrocodone-D3	4.377	155055	25460	6.0902	1044.3490
Methamphetamine	Methamphetamine-D11	4.441	6865125	209478	32.7725	901.3575
6-MAM	6-MAM-D6	4.548	134394	45984	2.9226	105.2338
Phentermine	Phentermine-D5	5.261	2870015	270394	10.6142	975.7040
Dextrorphan	Dextrorphan-D3	5.741	3714248	306101	12.1341	1016.2214
Tramadol	Tramadol-13C-D3	5.897	26340542	1274758	20.6632	936.6123
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	5245655	222431	23.5833	863.8351
Doxylamine	Doxylamine-D5	6.220	22285748	880672	25.3054	952.9230
Bupropion	Bupropion-D9	6.469	3910673	131370	29.7684	1005.5020
Meprobamate	Meprobamate-D7	6.551	2008013	85287	23.5441	906.8509
Zolpidem	Zolpidem-D6	6.596	25272552	1264229	19.9905	930.7948
Venlafaxine	Venlafaxine-D6	6.702	19199272	748411	25.6534	1004.7912
Trazodone	Trazodone-D6	6.834	9686232	378019	25.6236	959.2729
Citalopram	Citalopram-D6	6.856	4442327	200929	22.1089	979.4849

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *PLQC 1000*

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	1405134	49834	28.1960	1006.7941
Diphenhydramine	Diphenhydramine-D3	6.911	7632343	409107	18.6561	922.6154
Promethazine	Promethazine-D3	7.127	4193467	157019	26.7068	1024.9163
Clonazepam	Clonazepam-D4	7.162	2660482	29611	89.8468	871.3299
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	893114	40439	22.0857	957.0151
Carisoprodol	Carisoprodol-D7	7.272	4229045	156148	27.0836	934.2947
Lorazepam	Alprazolam-D5	7.282	1092316	243709	4.4821	572.1162
Alprazolam	Alprazolam-D5	7.305	8673284	243709	35.5887	991.4806

*outside
curve
range
P*

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin

Last Calib Update

2/7/2018 3:30 PM

Analyst Name

ISP TOX

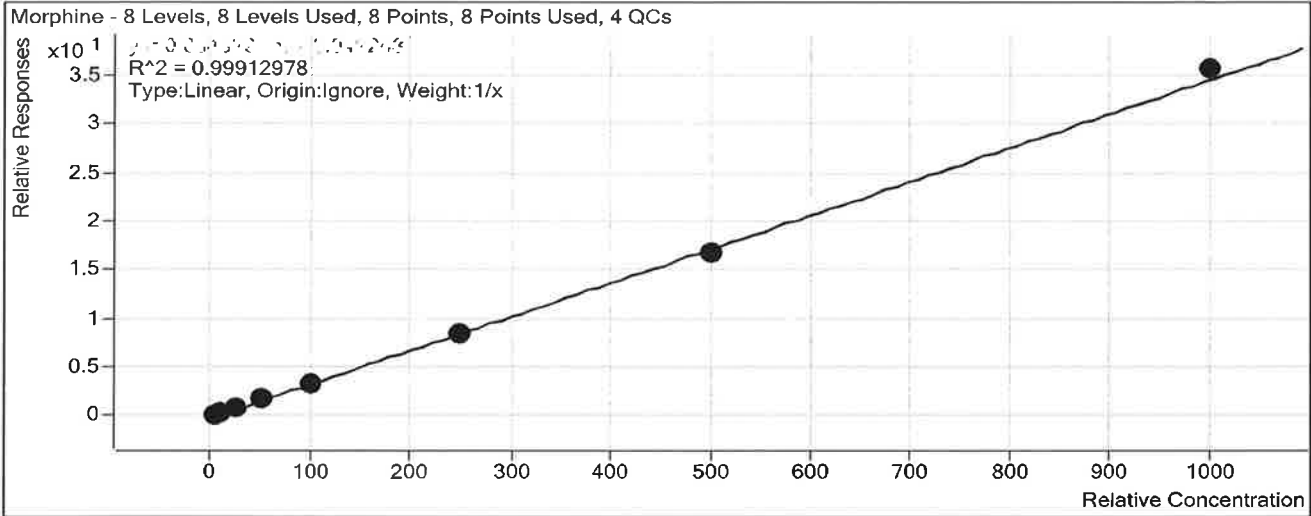
S

Target Compound

Morphine

Internal Standard

Morphine-D6



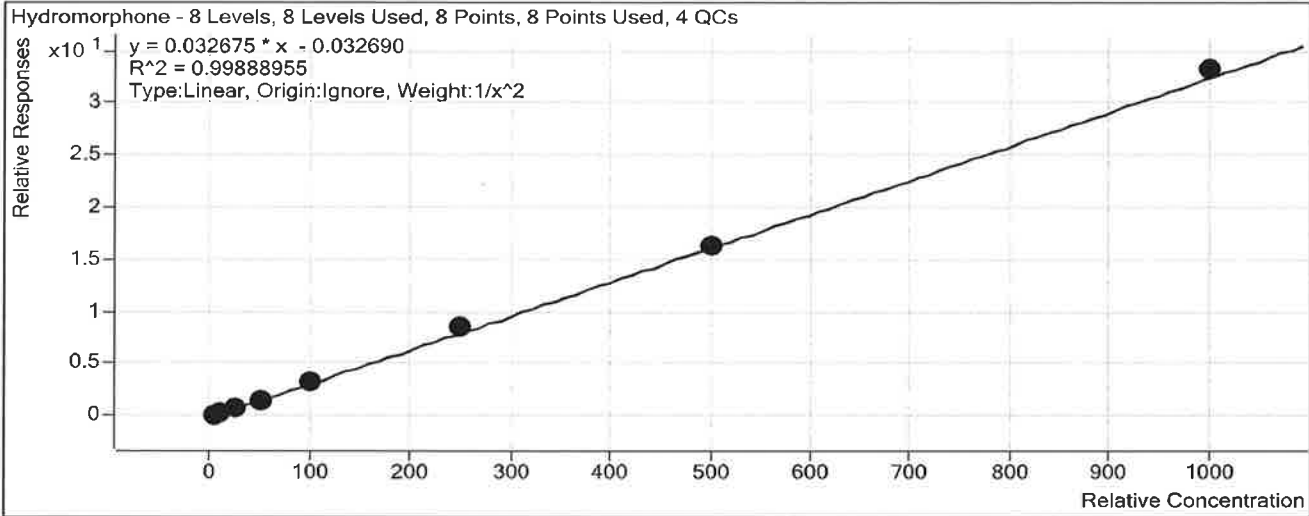
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.6	111.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.9
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.7	101.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.9	94.9
a QC 100	5	<input checked="" type="checkbox"/>	100	117.9	117.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.2	98.1
a QC 250	6	<input checked="" type="checkbox"/>	250	262.7	105.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	485.1	97.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1024.8	102.5
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1105.6	110.6

ISP Forensics Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

Target Compound Hydromorphone
Internal Standard Hydromorphone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.4
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.8	95.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.7	101.7
a QC 100	5	<input checked="" type="checkbox"/>	100	109.9	109.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.0	104.0
a QC 250	6	<input checked="" type="checkbox"/>	250	263.2	105.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.7	99.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1017.9	101.8
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1034.5	103.4

ISP Forensics Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin

Last Calib Update

2/7/2018 3:30 PM

Analyst Name

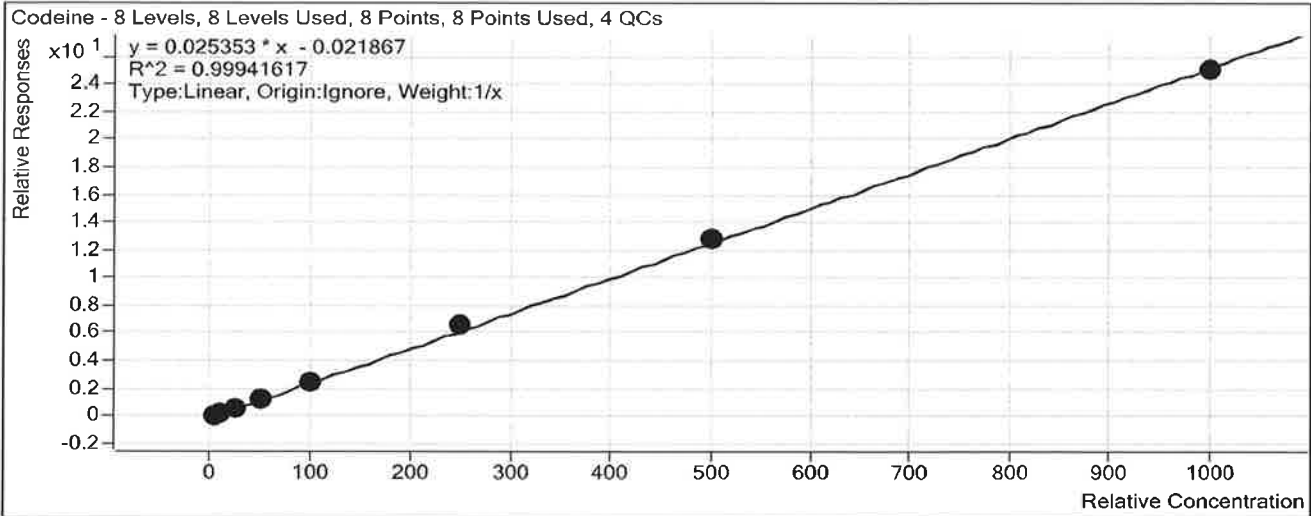
ISP TOX

Target Compound

Codeine

Internal Standard

Codeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	108.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.3	93.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.5	94.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.4	98.4
a QC 100	5	<input checked="" type="checkbox"/>	100	105.8	105.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.5	103.8
a QC 250	6	<input checked="" type="checkbox"/>	250	257.0	102.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.4	101.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	986.4	98.6
a QC 1000	8	<input checked="" type="checkbox"/>	1000	933.5	93.3

ISP Forensics Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin

Last Calib Update

2/7/2018 3:30 PM

Analyst Name

ISP TOX

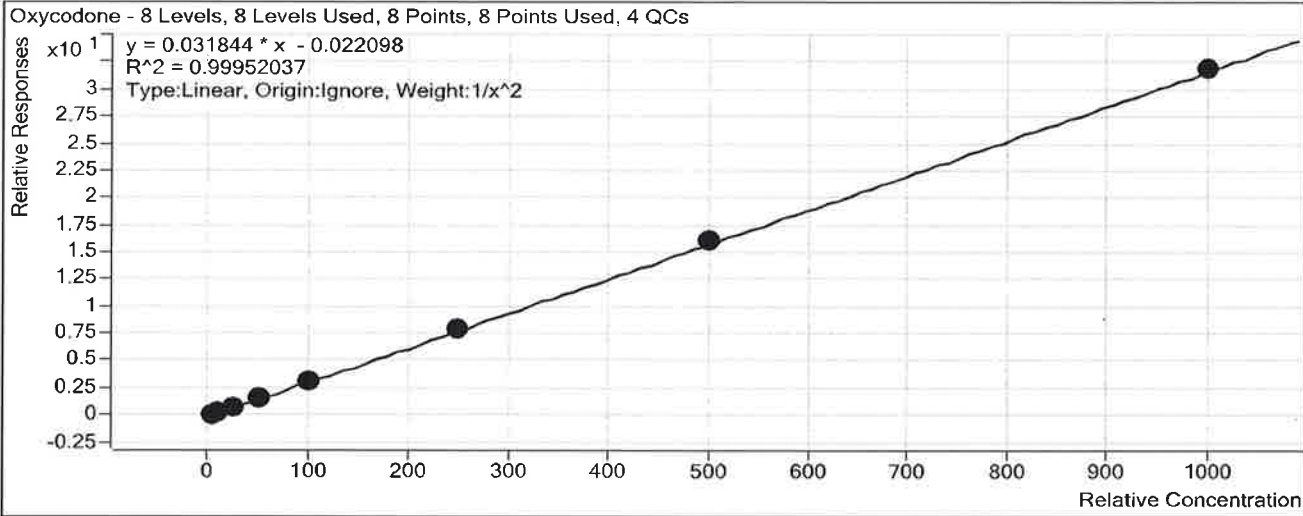
A

Target Compound

Oxycodone

Internal Standard

Oxycodone-D6



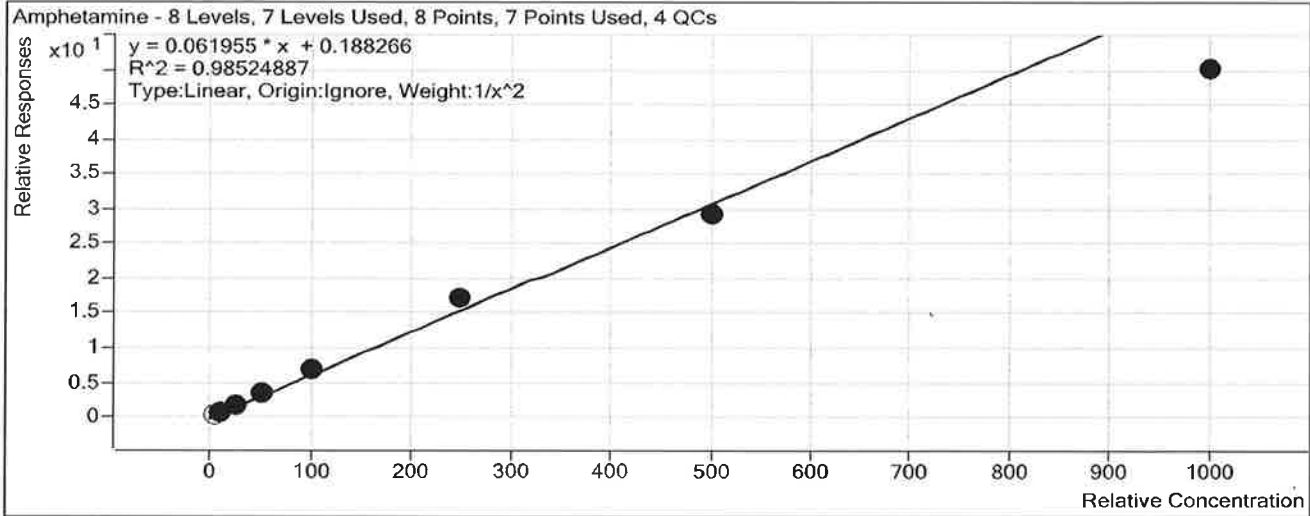
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.6
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.7	97.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.1	101.1
a QC 100	5	<input checked="" type="checkbox"/>	100	109.0	109.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.0	101.6
a QC 250	6	<input checked="" type="checkbox"/>	250	263.3	105.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	503.8	100.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1000.7	100.1
a QC 1000	8	<input checked="" type="checkbox"/>	1000	971.8	97.2

ISP FORENSICS Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

Target Compound Amphetamine
Internal Standard Amphetamine-D11



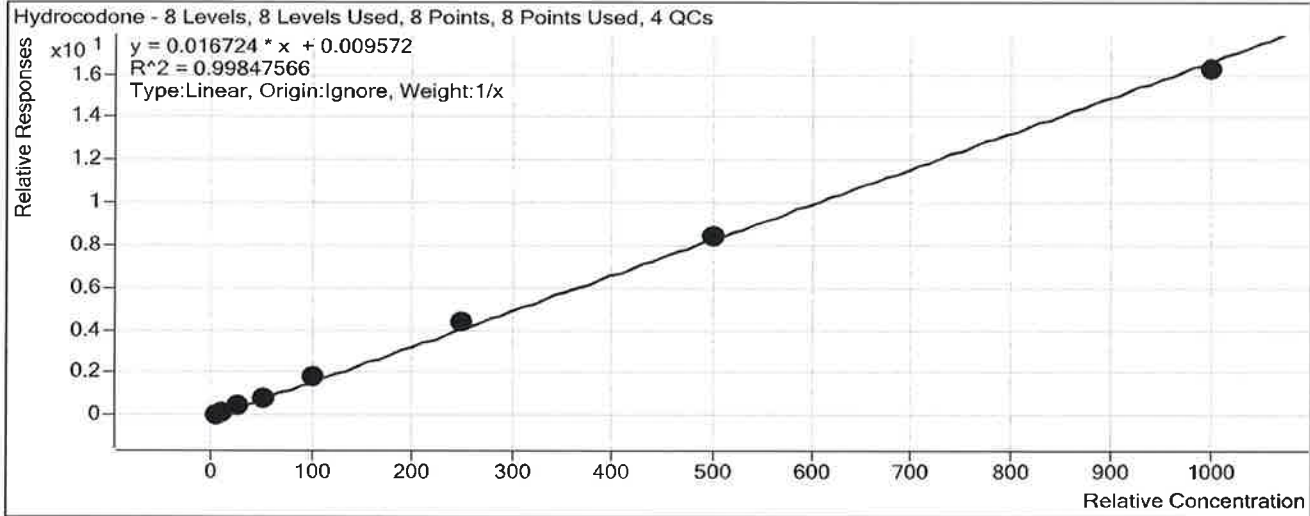
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	5.2	104.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.6
a QC 10	2	<input checked="" type="checkbox"/>	10	16.0	159.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.5	102.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.2	108.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.6	107.6
a QC 100	5	<input checked="" type="checkbox"/>	100	109.9	109.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	276.0	110.4
a QC 250	6	<input checked="" type="checkbox"/>	250	271.6	108.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	471.7	94.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	805.7	80.6
a QC 1000	8	<input checked="" type="checkbox"/>	1000	849.8	85.0

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

D

Target Compound Hydrocodone
Internal Standard Hydrocodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.5	89.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	92.9
a QC 10	2	<input checked="" type="checkbox"/>	10	9.6	95.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.5	101.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.5	103.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	109.4	109.4
a QC 100	5	<input checked="" type="checkbox"/>	100	112.3	112.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.4	105.4
a QC 250	6	<input checked="" type="checkbox"/>	250	282.5	113.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.9	101.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	970.6	97.1
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1010.4	101.0

ISP Forensics Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin

Last Calib Update

2/7/2018 3:30 PM

Analyst Name

ISP TOX

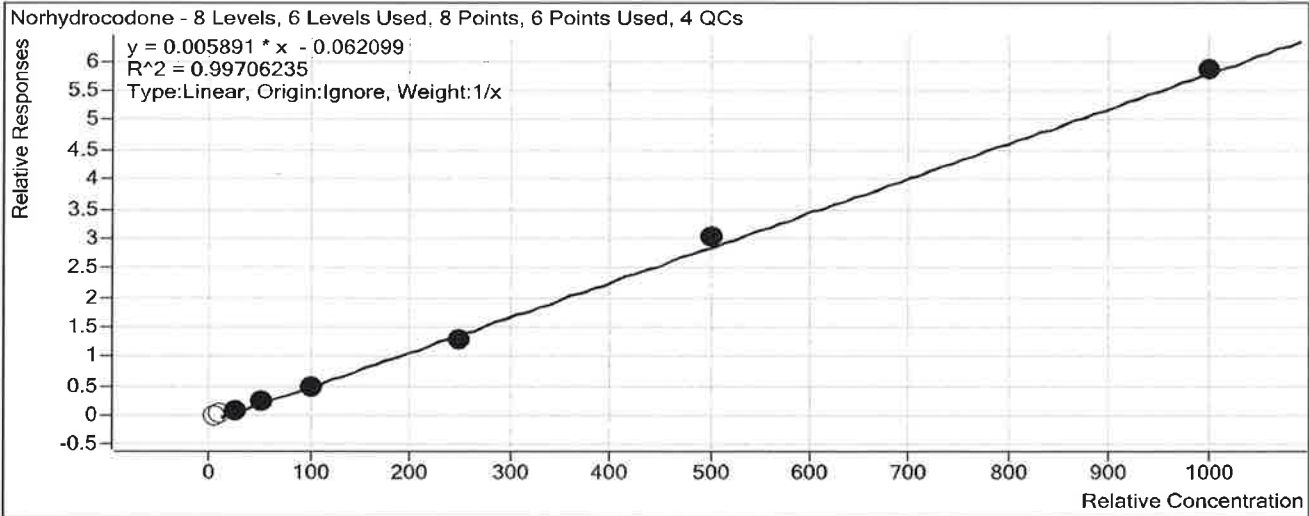
S

Target Compound

Norhydrocodone

Internal Standard

Norhydrocodone-D3



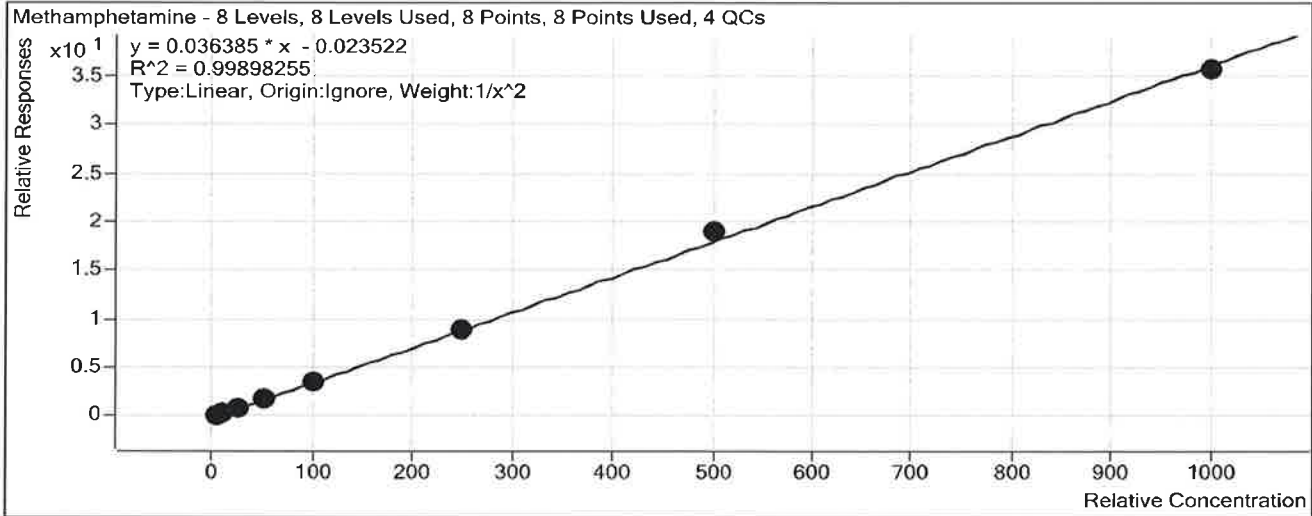
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	14.2	284.8
a cal 2-10ng	2	<input type="checkbox"/>	10	17.1	170.9
a QC 10	2	<input checked="" type="checkbox"/>	10	17.6	175.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.4	109.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.9	103.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	90.7	90.7
a QC 100	5	<input checked="" type="checkbox"/>	100	95.6	95.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	227.7	91.1
a QC 250	6	<input checked="" type="checkbox"/>	250	277.7	111.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	523.7	104.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1003.7	100.4
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1044.3	104.4

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

A

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



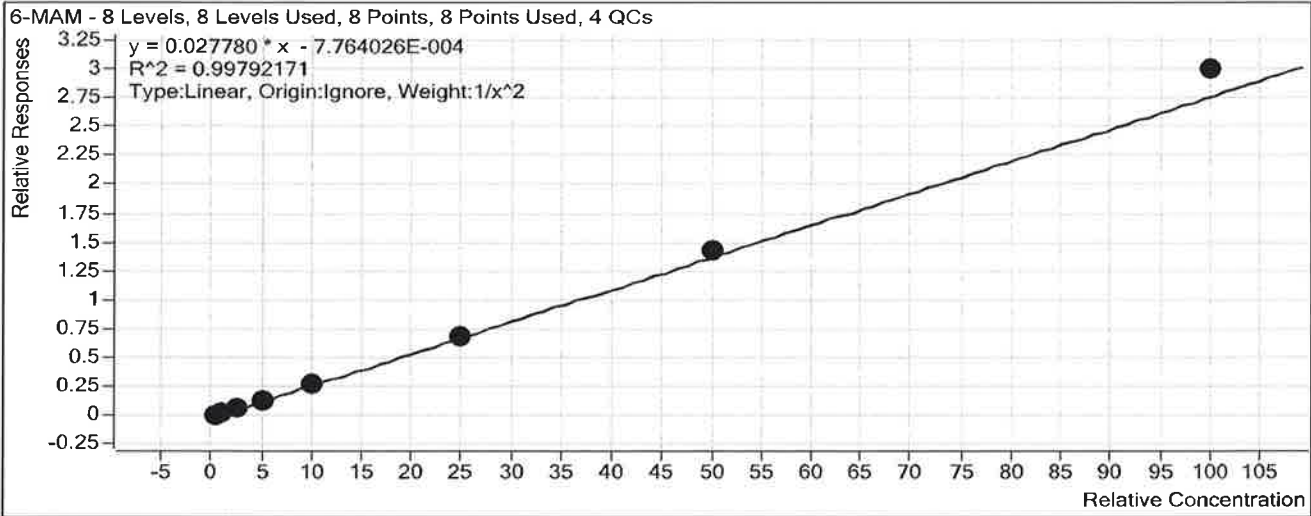
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.0
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.3	102.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.2	97.2
a QC 100	5	<input checked="" type="checkbox"/>	100	103.3	103.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.0	99.2
a QC 250	6	<input checked="" type="checkbox"/>	250	232.6	93.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	524.2	104.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	979.9	98.0
a QC 1000	8	<input checked="" type="checkbox"/>	1000	901.4	90.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

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

P



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	102.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	97.0
a QC 10	2	<input checked="" type="checkbox"/>	1	1.1	105.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	99.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.8	96.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.6	96.1
a QC 100	5	<input checked="" type="checkbox"/>	10	10.7	106.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.6	98.5
a QC 250	6	<input checked="" type="checkbox"/>	25	26.2	104.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	50	51.3	102.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	107.8	107.8
a QC 1000	8	<input checked="" type="checkbox"/>	100	105.2	105.2

ISP Forensics Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin

Last Calib Update

2/7/2018 3:30 PM

Analyst Name

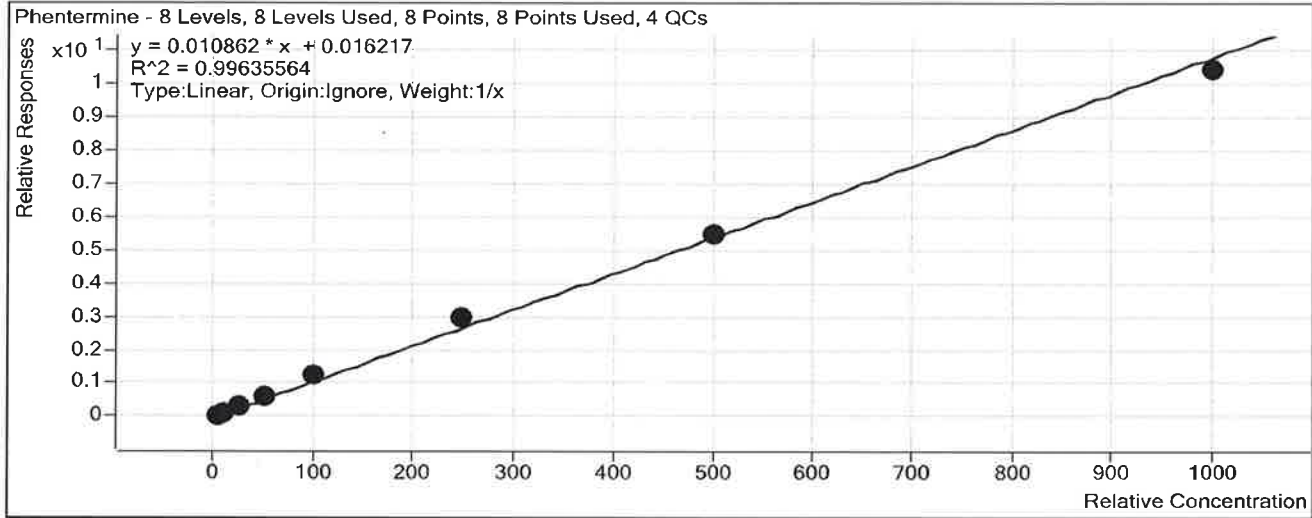
ISP TOX

Target Compound

Phentermine

Internal Standard

Phentermine-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	3.7	74.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	92.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.5	109.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	113.7	113.7
a QC 100	5	<input checked="" type="checkbox"/>	100	126.1	126.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	272.1	108.9
a QC 250	6	<input checked="" type="checkbox"/>	250	281.3	112.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.9	100.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	957.7	95.8
a QC 1000	8	<input checked="" type="checkbox"/>	1000	975.7	97.6

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin

Last Calib Update

2/7/2018 3:30 PM

Analyst Name

ISP TOX

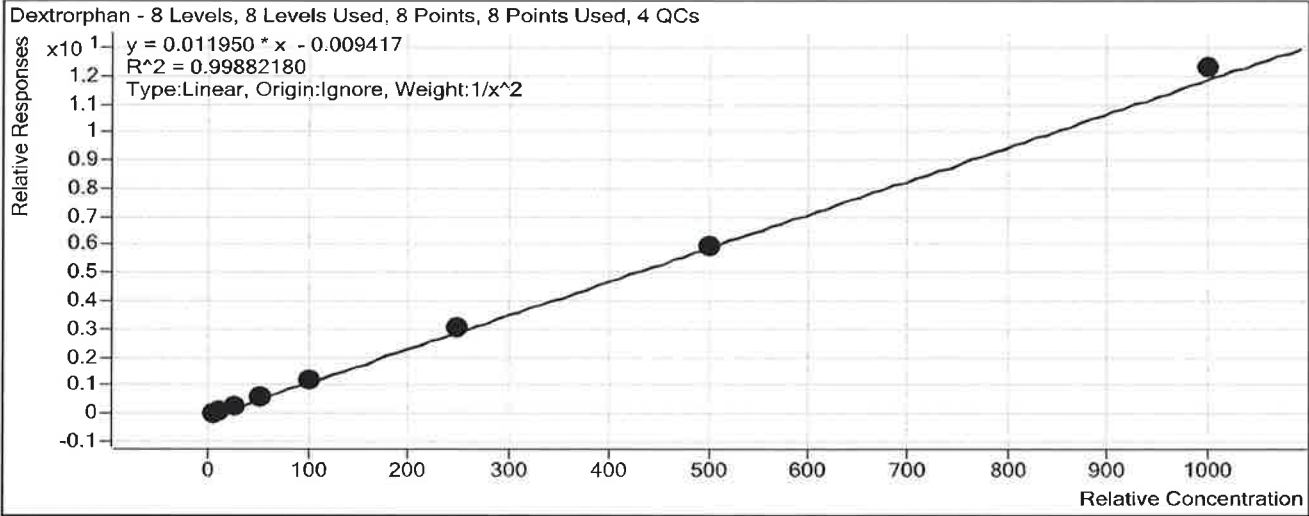
R

Target Compound

Dextrorphan

Internal Standard

Dextrorphan-D3



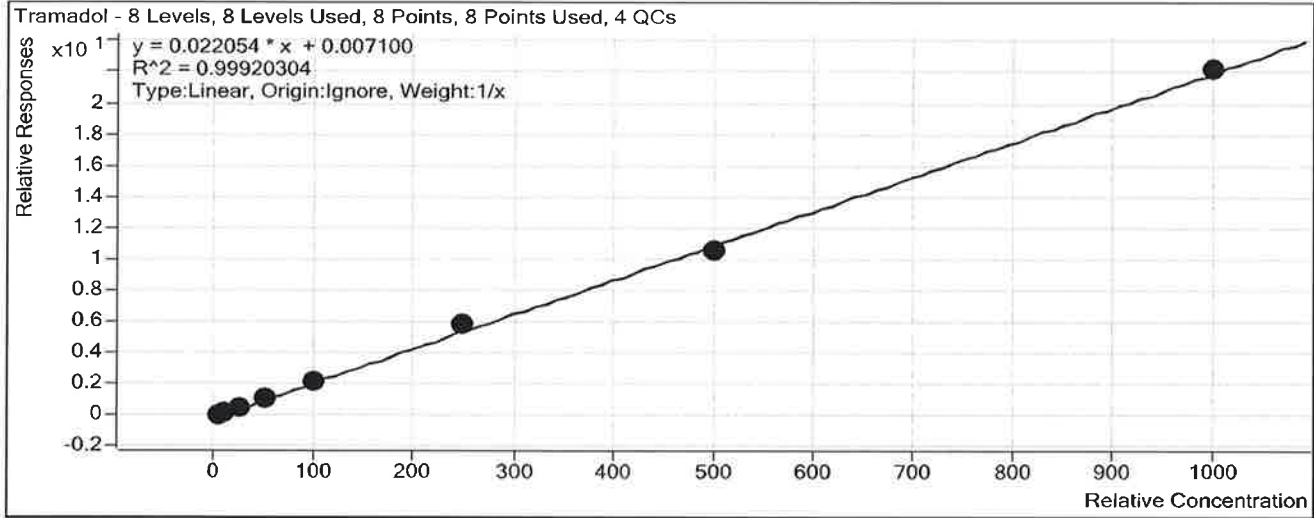
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.1	100.1
a QC 100	5	<input checked="" type="checkbox"/>	100	108.7	108.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.0	104.0
a QC 250	6	<input checked="" type="checkbox"/>	250	262.1	104.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.5	100.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1028.9	102.9
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1016.2	101.6

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

D

Target Compound Tramadol
Internal Standard Tramadol-13C-D3



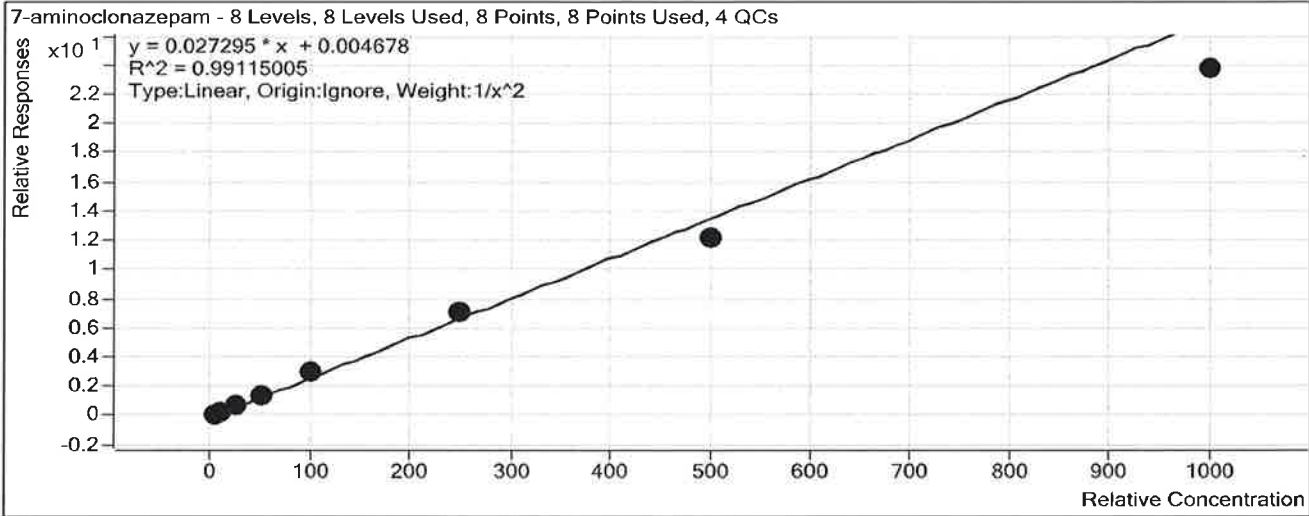
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	105.0
a QC 10	2	<input checked="" type="checkbox"/>	10	10.7	107.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.7	97.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.2	100.2
a QC 100	5	<input checked="" type="checkbox"/>	100	107.0	107.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.6	105.4
a QC 250	6	<input checked="" type="checkbox"/>	250	273.7	109.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	482.9	96.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1004.5	100.4
a QC 1000	8	<input checked="" type="checkbox"/>	1000	936.6	93.7

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

D

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



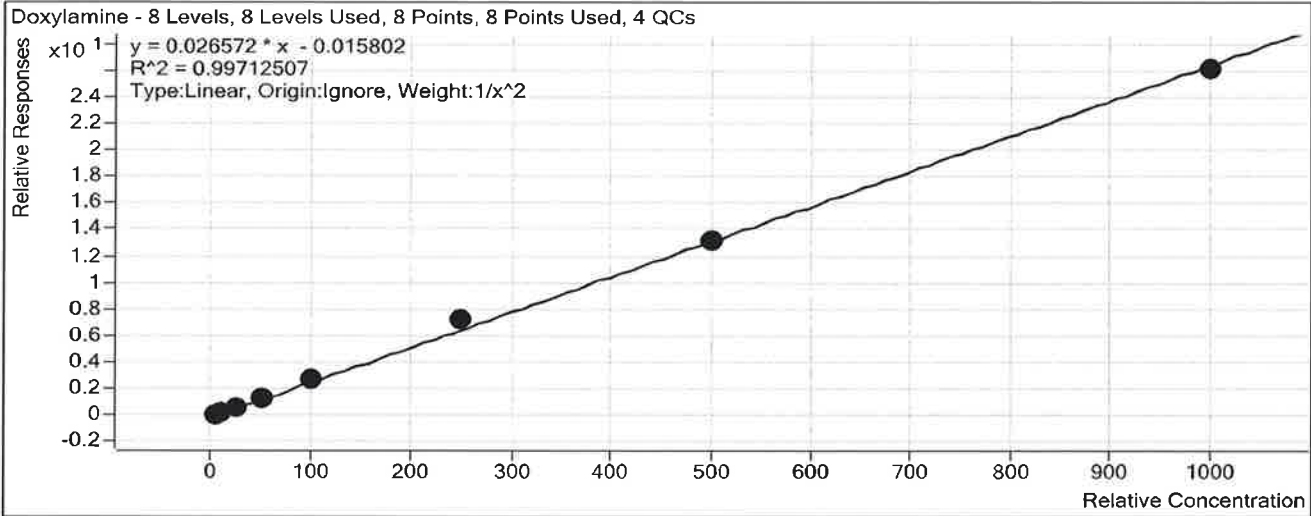
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	96.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.0
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.7	106.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.9	103.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.9	108.9
a QC 100	5	<input checked="" type="checkbox"/>	100	112.8	112.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	261.0	104.4
a QC 250	6	<input checked="" type="checkbox"/>	250	266.1	106.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	447.0	89.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	869.7	87.0
a QC 1000	8	<input checked="" type="checkbox"/>	1000	863.8	86.4

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

P

Target Compound Doxylamine
Internal Standard Doxylamine-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	92.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	93.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	99.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.5	96.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.5	101.5
a QC 100	5	<input checked="" type="checkbox"/>	100	108.0	108.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	270.7	108.3
a QC 250	6	<input checked="" type="checkbox"/>	250	244.9	98.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.0	98.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	981.1	98.1
a QC 1000	8	<input checked="" type="checkbox"/>	1000	952.9	95.3

ISP Forensics Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin

Last Calib Update

2/7/2018 3:30 PM

Analyst Name

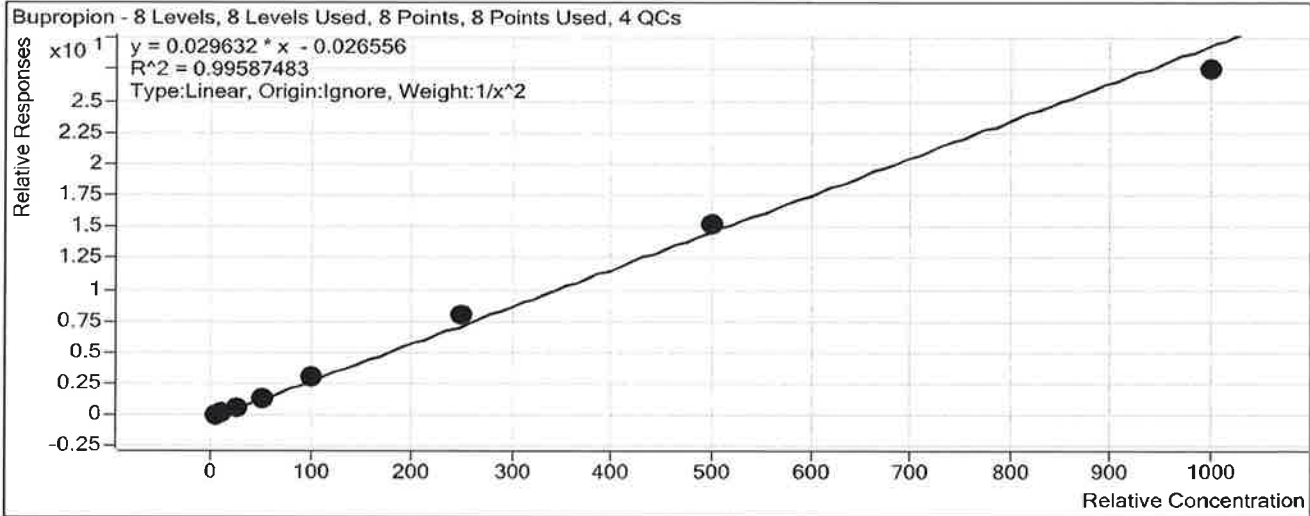
ISP TOX

Target Compound

Bupropion

Internal Standard

Bupropion-D9



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.0
a QC 10	2	<input checked="" type="checkbox"/>	10	11.2	112.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.6	93.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.7	105.7
a QC 100	5	<input checked="" type="checkbox"/>	100	102.3	102.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	268.8	107.5
a QC 250	6	<input checked="" type="checkbox"/>	250	231.8	92.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	515.9	103.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	929.3	92.9
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1005.5	100.6

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin

Last Calib Update

2/7/2018 3:30 PM

Analyst Name

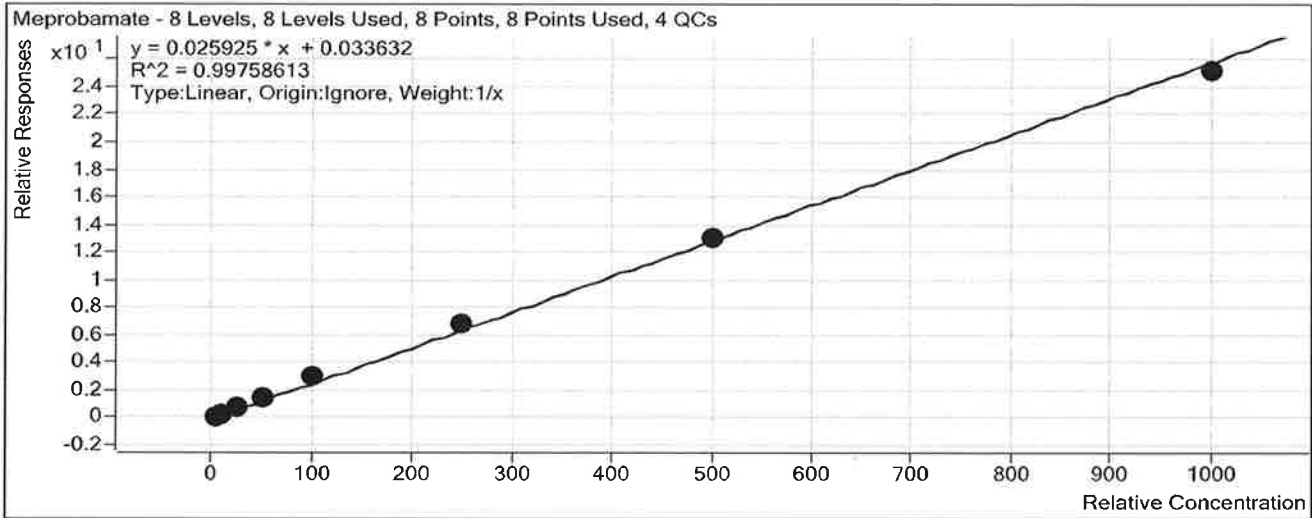
ISP TOX

Target Compound

Meprobamate

Internal Standard

Meprobamate-D7



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	3.6	71.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.5
a QC 10	2	<input checked="" type="checkbox"/>	10	9.3	92.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.2	108.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	55.5	111.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	112.8	112.8
a QC 100	5	<input checked="" type="checkbox"/>	100	116.6	116.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.8	103.9
a QC 250	6	<input checked="" type="checkbox"/>	250	274.1	109.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	503.4	100.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	968.3	96.8
a QC 1000	8	<input checked="" type="checkbox"/>	1000	906.9	90.7

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin

Last Calib Update

2/7/2018 3:30 PM

Analyst Name

ISP TOX

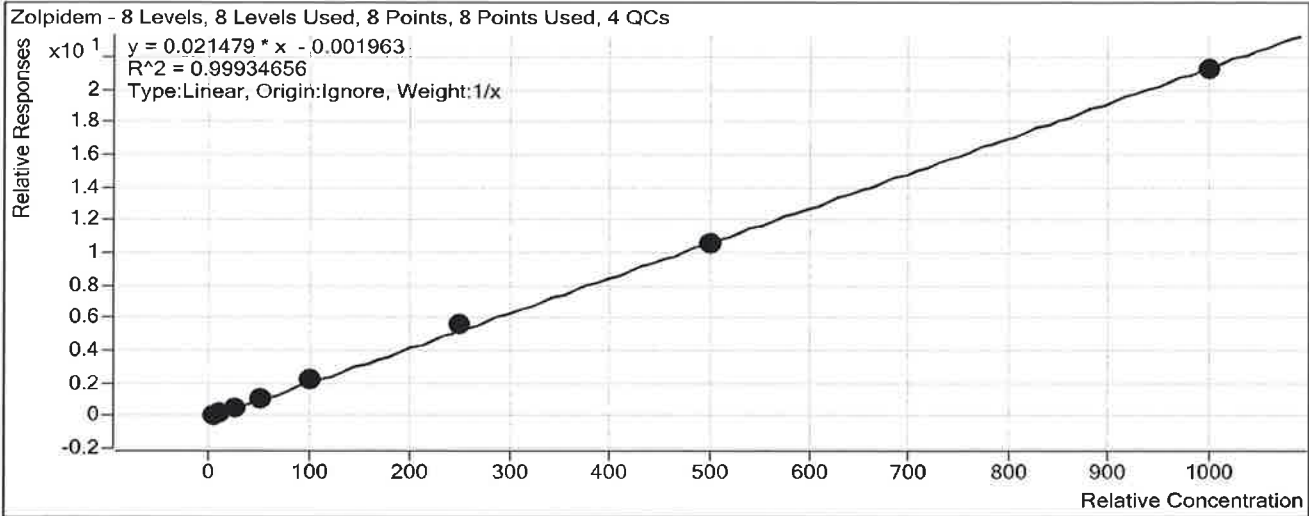
D

Target Compound

Zolpidem

Internal Standard

Zolpidem-D6



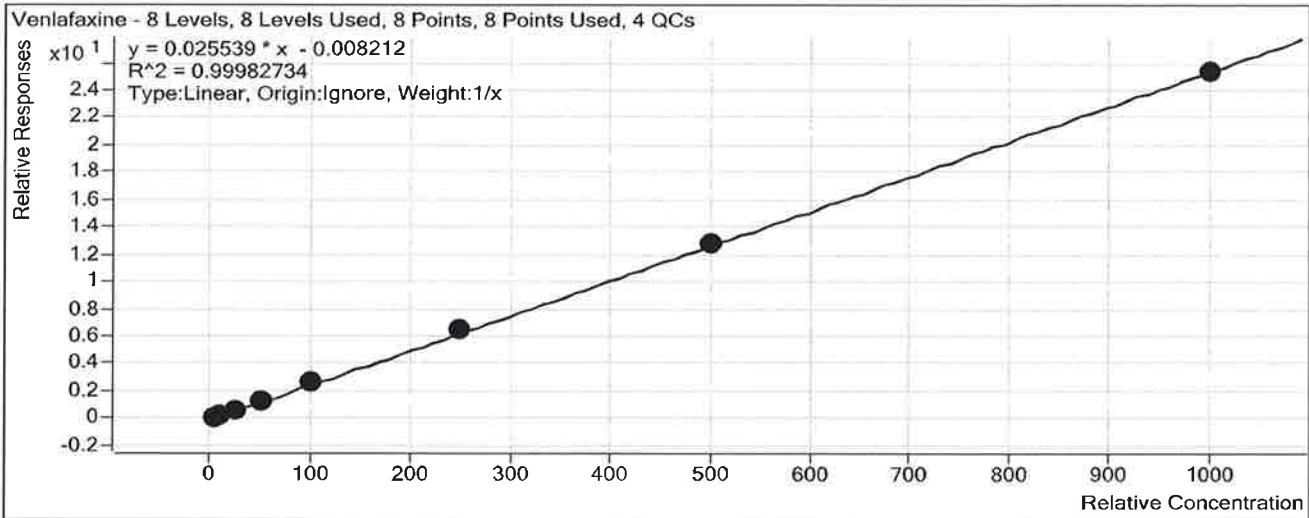
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.4
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	99.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.7	99.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.3	104.3
a QC 100	5	<input checked="" type="checkbox"/>	100	105.6	105.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.6	105.4
a QC 250	6	<input checked="" type="checkbox"/>	250	255.8	102.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.8	99.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	988.2	98.8
a QC 1000	8	<input checked="" type="checkbox"/>	1000	930.8	93.1

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

S

Target Compound Venlafaxine
Internal Standard Venlafaxine-D6



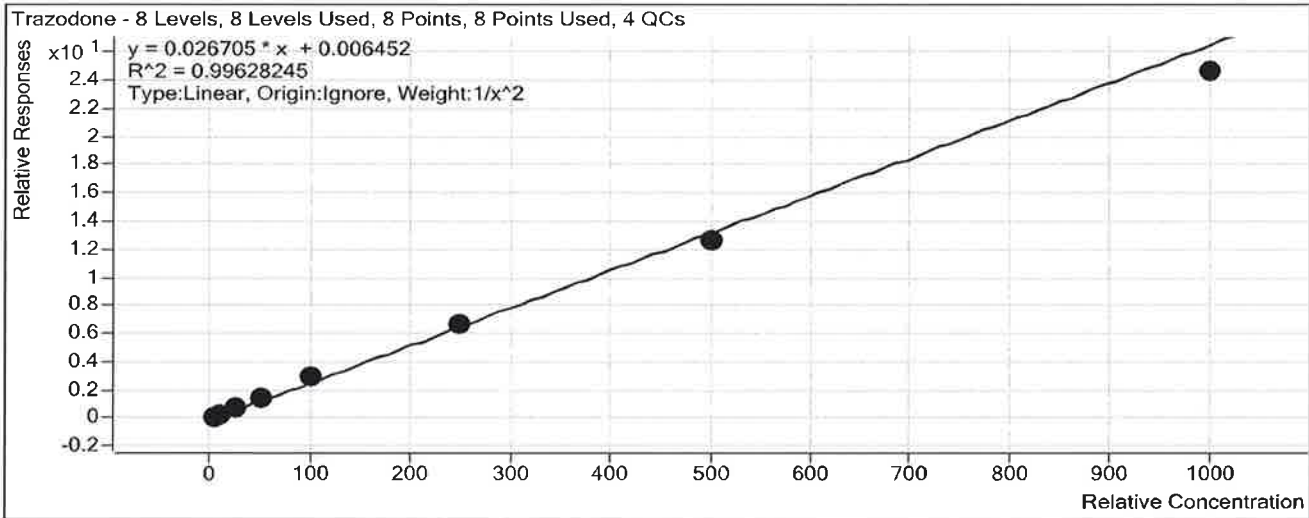
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.8	97.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.1	102.1
a QC 100	5	<input checked="" type="checkbox"/>	100	105.7	105.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.3	102.5
a QC 250	6	<input checked="" type="checkbox"/>	250	269.4	107.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.0	100.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	992.0	99.2
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1004.8	100.5

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

D

Target Compound Trazodone
Internal Standard Trazodone-D6

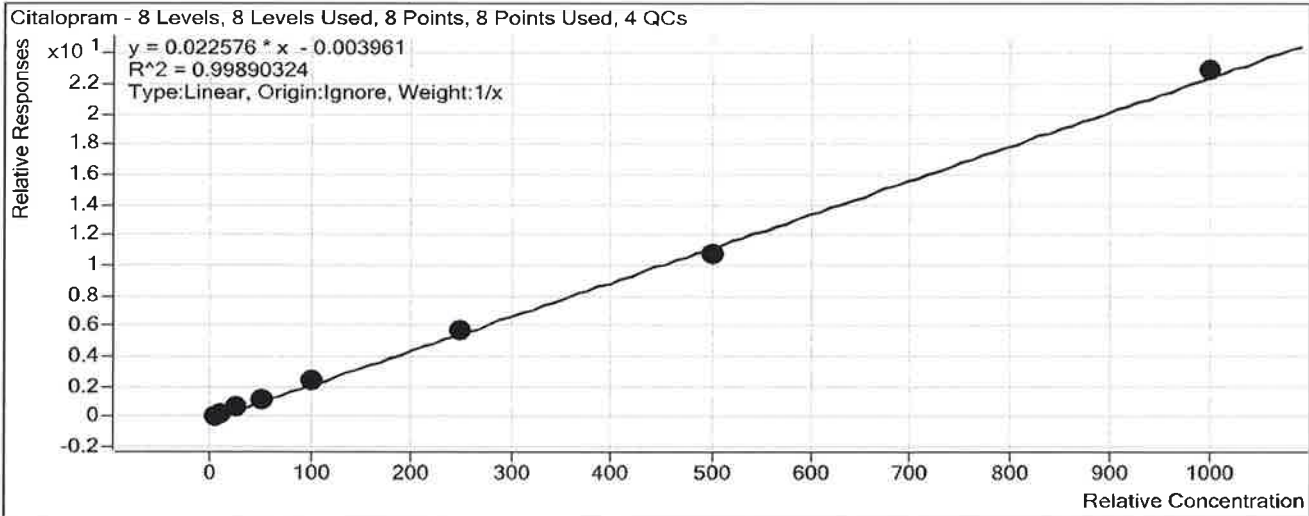


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a.cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.7
a QC 10	2	<input checked="" type="checkbox"/>	10	11.1	110.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.2	106.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.7	107.7
a QC 100	5	<input checked="" type="checkbox"/>	100	122.5	122.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.7	99.9
a QC 250	6	<input checked="" type="checkbox"/>	250	282.2	112.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	470.6	94.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	922.3	92.2
a QC 1000	8	<input checked="" type="checkbox"/>	1000	959.3	95.9

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

Target Compound Citalopram
Internal Standard Citalopram-D6

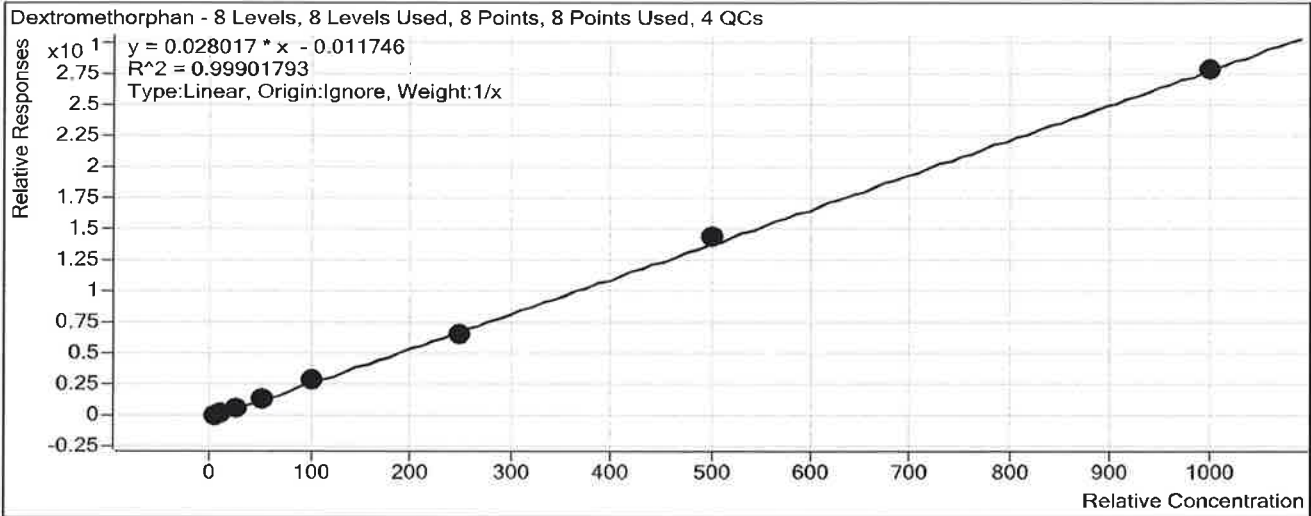


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	96.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.4	105.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.5	99.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.7	106.7
a QC 100	5	<input checked="" type="checkbox"/>	100	109.5	109.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.8	101.5
a QC 250	6	<input checked="" type="checkbox"/>	250	277.8	111.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	476.1	95.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1013.2	101.3
a QC 1000	8	<input checked="" type="checkbox"/>	1000	979.5	97.9

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

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



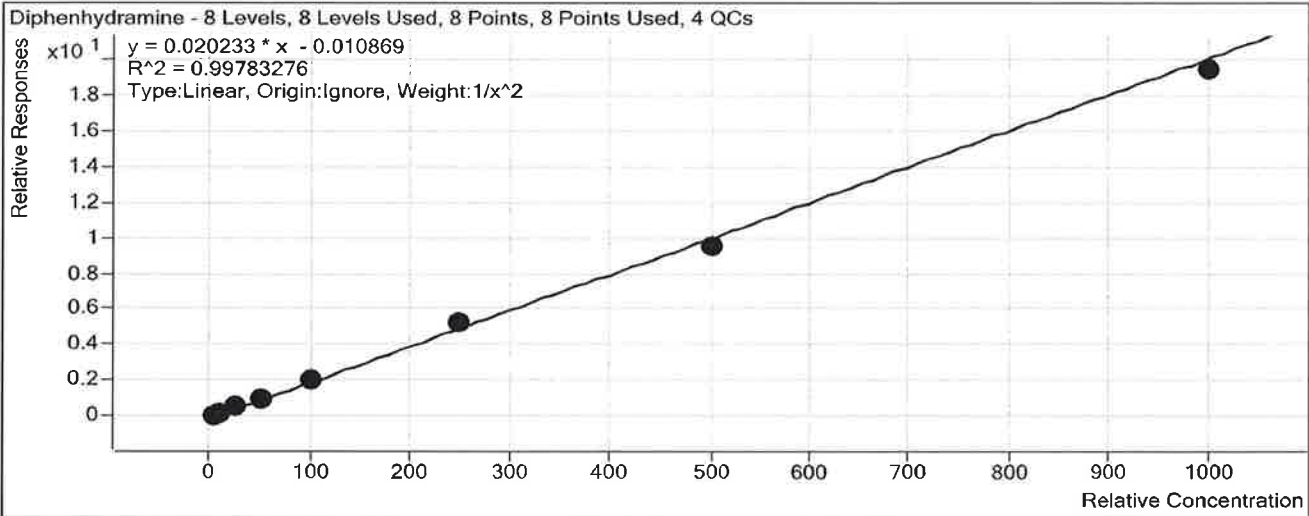
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.6	106.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.8	95.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.5	104.5
a QC 100	5	<input checked="" type="checkbox"/>	100	116.4	116.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	236.2	94.5
a QC 250	6	<input checked="" type="checkbox"/>	250	253.7	101.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	517.5	103.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	993.3	99.3
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1006.8	100.7

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

P

Target Compound Diphenhydramine
Internal Standard Diphenhydramine-D3



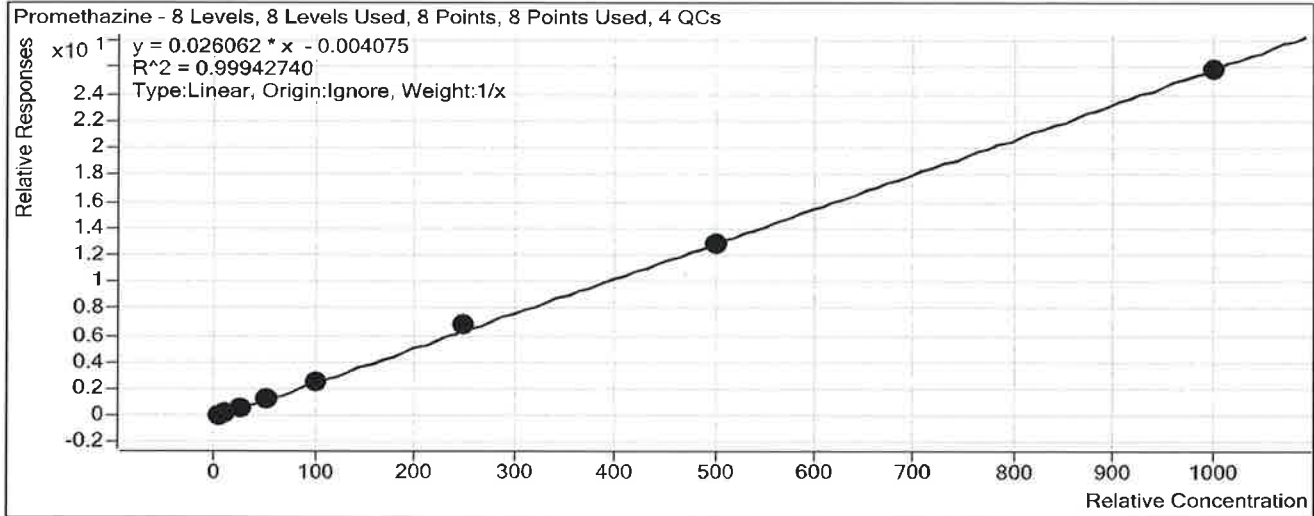
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.7	106.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.9	99.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.2	99.2
a QC 100	5	<input checked="" type="checkbox"/>	100	103.1	103.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.2	104.9
a QC 250	6	<input checked="" type="checkbox"/>	250	257.1	102.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	474.1	94.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	959.7	96.0
a QC 1000	8	<input checked="" type="checkbox"/>	1000	922.6	92.3

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

P

Target Compound Promethazine
Internal Standard Promethazine-D3



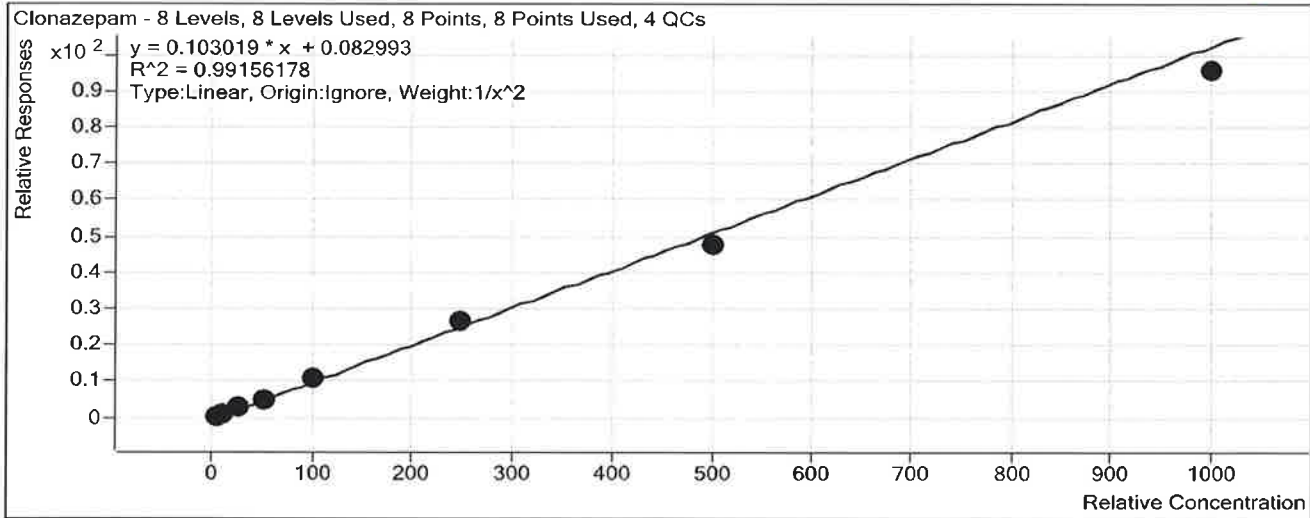
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	92.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.7
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.0	104.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.7	96.7
a QC 100	5	<input checked="" type="checkbox"/>	100	104.8	104.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.0	105.2
a QC 250	6	<input checked="" type="checkbox"/>	250	272.7	109.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.9	99.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	991.1	99.1
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1024.9	102.5

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

Target Compound Clonazepam
Internal Standard Clonazepam-D4

P



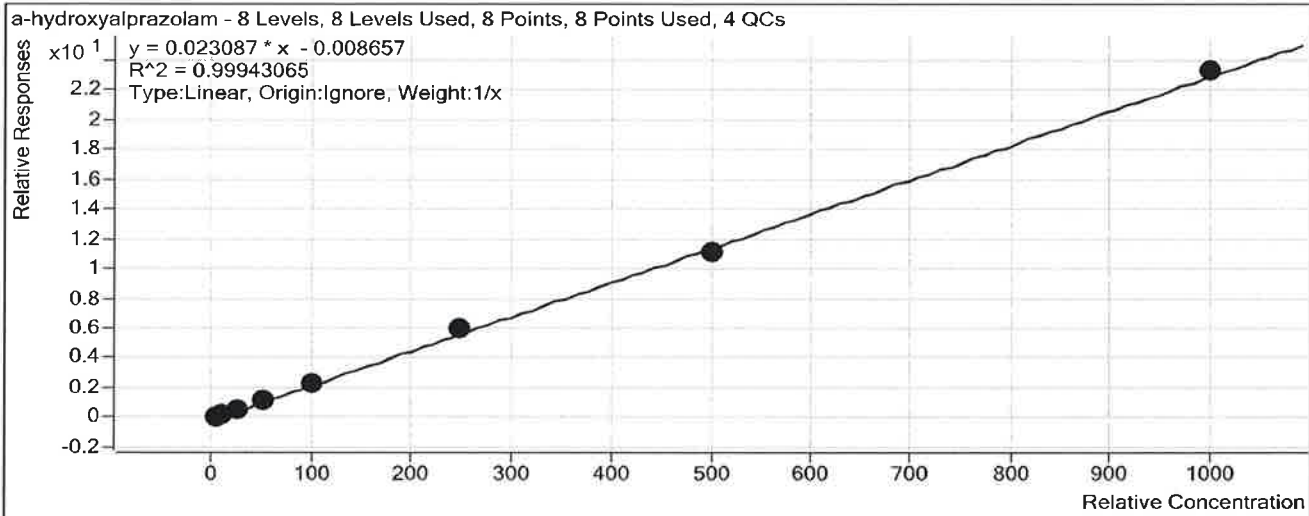
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	91.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	28.7	114.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.9	106.9
a QC 100	5	<input checked="" type="checkbox"/>	100	104.7	104.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.3	102.1
a QC 250	6	<input checked="" type="checkbox"/>	250	238.6	95.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	465.8	93.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	927.3	92.7
a QC 1000	8	<input checked="" type="checkbox"/>	1000	871.3	87.1

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX



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



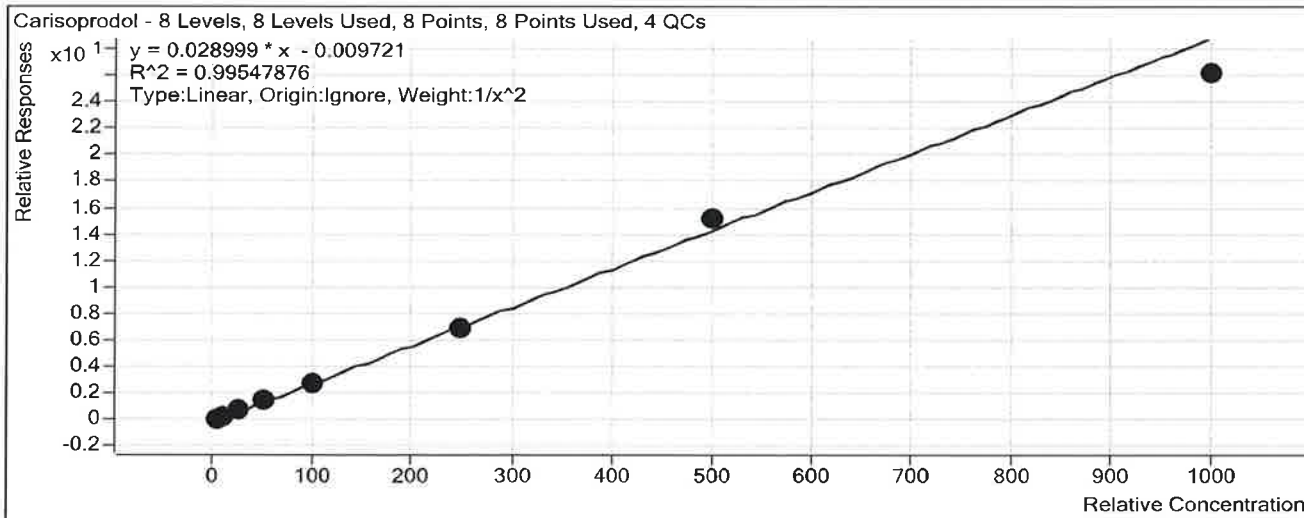
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	107.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.1	92.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.7	97.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.9	98.9
a QC 100	5	<input checked="" type="checkbox"/>	100	110.3	110.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.5	103.4
a QC 250	6	<input checked="" type="checkbox"/>	250	266.9	106.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	485.8	97.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1009.3	100.9
a QC 1000	8	<input checked="" type="checkbox"/>	1000	957.0	95.7

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX



Target Compound Carisoprodol
Internal Standard Carisoprodol-D7



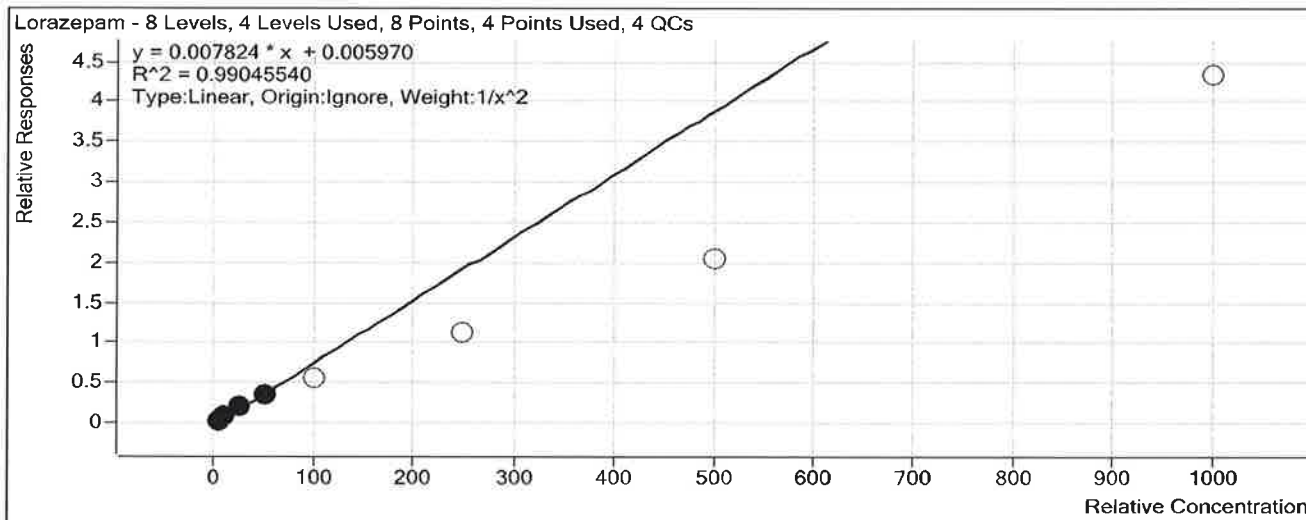
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.1
a QC 10	2	<input checked="" type="checkbox"/>	10	11.0	110.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.9	107.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.1	106.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.9	97.9
a QC 100	5	<input checked="" type="checkbox"/>	100	123.3	123.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	240.5	96.2
a QC 250	6	<input checked="" type="checkbox"/>	250	246.1	98.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	524.5	104.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	901.2	90.1
a QC 1000	8	<input checked="" type="checkbox"/>	1000	934.3	93.4

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

D

Target Compound Lorazepam
Internal Standard Alprazolam-D5



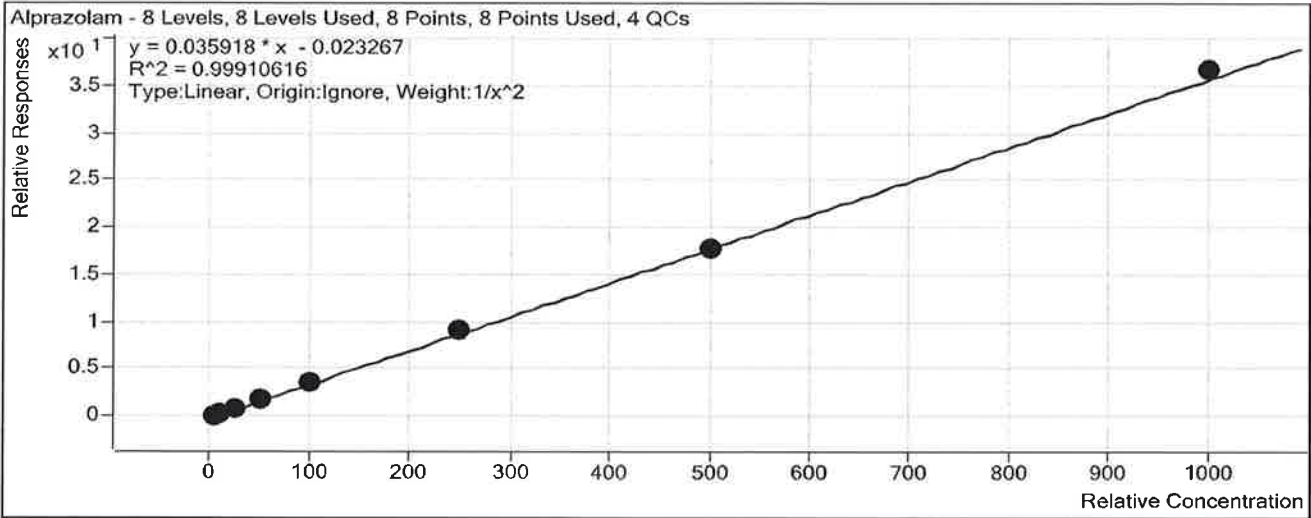
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.1
a QC 10	2	<input checked="" type="checkbox"/>	10	12.7	127.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.4	109.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.4	92.7
a cal 5-100ng	5	<input type="checkbox"/>	100	73.1	73.1
a QC 100	5	<input checked="" type="checkbox"/>	100	85.9	85.9
a cal 6-250ng	6	<input type="checkbox"/>	250	144.3	57.7
a QC 250	6	<input checked="" type="checkbox"/>	250	153.1	61.3
a cal 7-500ng	7	<input type="checkbox"/>	500	261.2	52.2
a cal 8-1000ng	8	<input type="checkbox"/>	1000	552.3	55.2
a QC 1000	8	<input checked="" type="checkbox"/>	1000	572.1	57.2

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bin
Last Calib Update 2/7/2018 3:30 PM **Analyst Name** ISP TOX

D

Target Compound Alprazolam
Internal Standard Alprazolam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.3
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.7	97.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.8	99.8
a QC 100	5	<input checked="" type="checkbox"/>	100	104.4	104.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.4	102.6
a QC 250	6	<input checked="" type="checkbox"/>	250	256.0	102.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.3	99.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1019.6	102.0
a QC 1000	8	<input checked="" type="checkbox"/>	1000	991.5	99.1

ISP FORENSICS - Pocatello Instrument # 59740

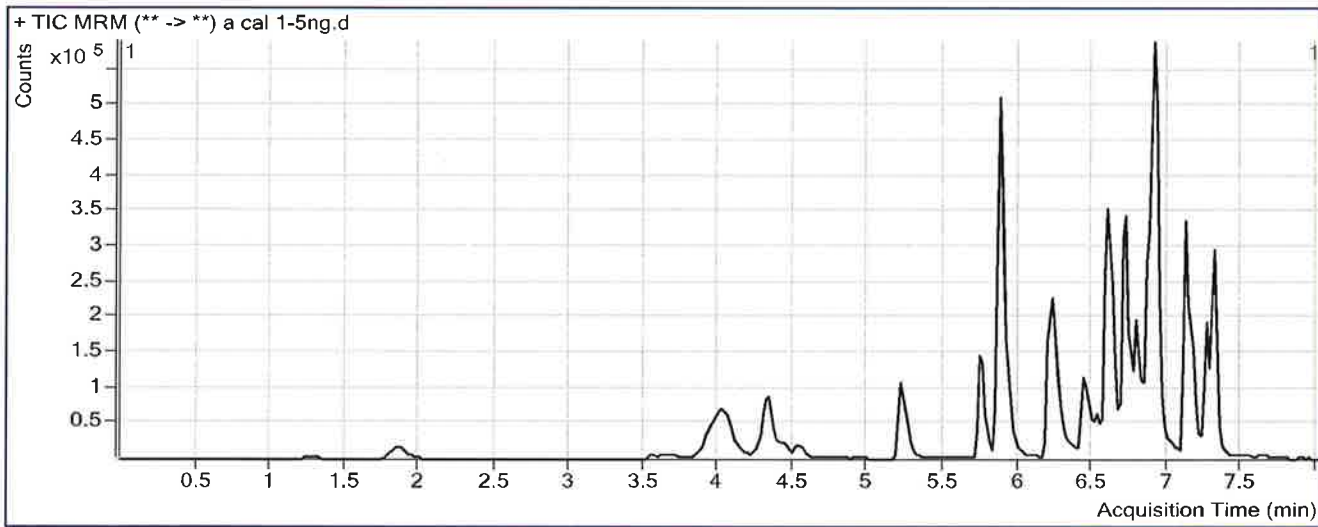
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1a SP 020518.batch.bi
Analysis Time 2/7/2018 3:30 PM **Analyst Name** ISPUser
Report Time 2/7/2018 3:46 PM **Reporter Name** ISPUser
Last Calib Update 2/7/2018 3:30 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-05 17:06 **Data File** a cal 1-5ng.d
Sample Type Calibration **Sample Name** a cal 1-5ng
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-H12 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.288	3239	21277	0.1522	5.5833
Hydromorphone	Hydromorphone-D6	1.889	12645	94309	0.1341	5.1039
Codeine	Codeine-D6	3.715	5475	47561	0.1151	5.4033
Oxycodone	Oxycodone-D6	4.049	40336	288494	0.1398	5.0847
Amphetamine	Amphetamine-D11	4.083	110110	215343	0.5113	5.2144
Hydrocodone	Hydrocodone-D6	4.334	14779	175631	0.0841	4.4591
Norhydrocodone	Norhydrocodone-D3	4.357	823	37806	0.0218	14.2386
Methamphetamine	Methamphetamine-D11	4.441	45389	281937	0.1610	5.0711
6-MAM	6-MAM-D6	4.568	701	52260	0.0134	0.5108
Phentermine	Phentermine-D5	5.261	22863	401902	0.0569	3.7444
Dextrorphan	Dextrorphan-D3	5.741	23413	451831	0.0518	5.1245
Tramadol	Tramadol-13C-D3	5.897	147392	1307445	0.1127	4.7897
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	40385	297765	0.1356	4.7975
Doxylamine	Doxylamine-D5	6.240	105392	863709	0.1220	5.1868
Bupropion	Bupropion-D9	6.469	44559	355861	0.1252	5.1219
Meprobamate	Meprobamate-D7	6.551	15898	125812	0.1264	3.5768
Zolpidem	Zolpidem-D6	6.616	120336	1156116	0.1041	4.9374
Venlafaxine	Venlafaxine-D6	6.722	114888	950269	0.1209	5.0555
Trazodone	Trazodone-D6	6.834	74704	540605	0.1382	4.9329
Citalopram	Citalopram-D6	6.856	60766	580138	0.1047	4.8151

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

Pla cal 1 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	25952	201701	0.1287	5.0116
Diphenhydramine	Diphenhydramine-D3	6.931	118792	1335749	0.0889	4.9327
Promethazine	Promethazine-D3	7.127	93554	803493	0.1164	4.6240
Clonazepam	Clonazepam-D4	7.162	49056	81042	0.6053	5.0702
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	9218	81022	0.1138	5.3028
Carisoprodol	Carisoprodol-D7	7.272	40278	300956	0.1338	4.9504
Lorazepam	Alprazolam-D5	7.302	21731	482785	0.0450	4.9902
Alprazolam	Alprazolam-D5	7.305	77446	482785	0.1604	5.1139

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

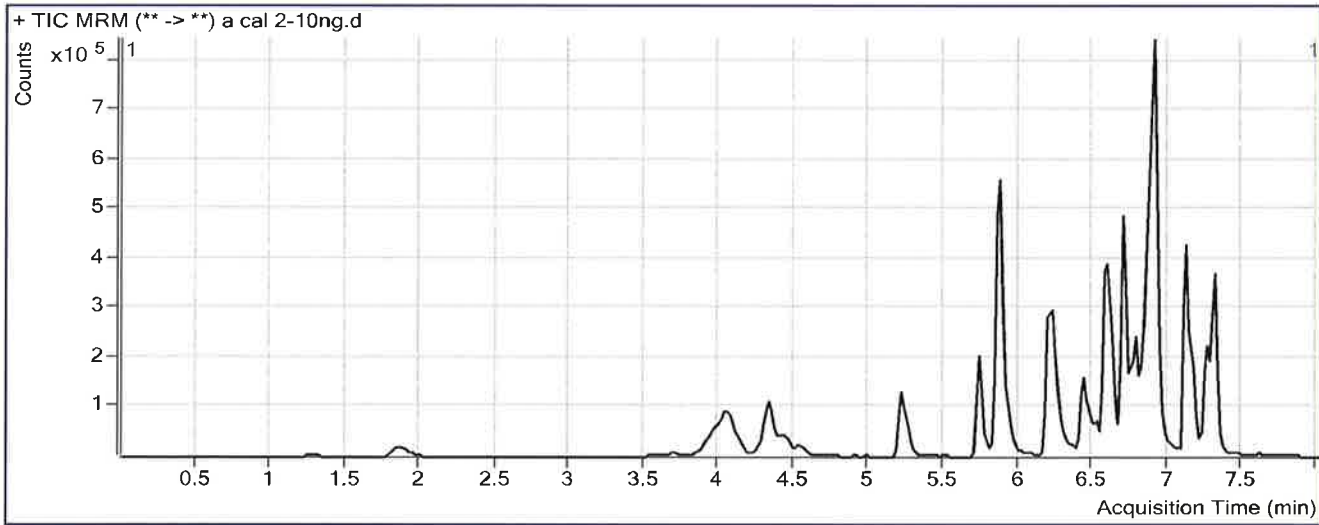
Pla Cal 2 P

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Report Time	2/7/2018 3:47 PM	Reporter Name	ISPUser
Last Calib Update	2/7/2018 3:30 PM	Batch State	Processed

Analysis Info

Acq Time	2018-02-05 17:37	Data File	a cal 2-10ng.d
Sample Type	Calibration	Sample Name	a cal 2-10ng
Dilution	1	Acq Method	MD Quant Panel 1a 1-19-2018.m
Position	P1-G12	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.288	6500	21501	0.3023	9.8927
Hydromorphone	Hydromorphone-D6	1.889	26294	92119	0.2854	9.7361
Codeine	Codeine-D6	3.715	11419	48655	0.2347	10.1196
Oxycodone	Oxycodone-D6	4.049	84075	294323	0.2857	9.6645
Amphetamine	Amphetamine-D11	4.083	203764	259006	0.7867	9.6594
Hydrocodone	Hydrocodone-D6	4.354	30252	183404	0.1649	9.2902
Norhydrocodone	Norhydrocodone-D3	4.377	1576	40851	0.0386	17.0886
Methamphetamine	Methamphetamine-D11	4.441	114861	348729	0.3294	9.6988
6-MAM	6-MAM-D6	4.548	1426	54491	0.0262	0.9701
Phentermine	Phentermine-D5	5.261	54466	465446	0.1170	9.2803
Dextrorphan	Dextrorphan-D3	5.741	54882	516388	0.1063	9.6821
Tramadol	Tramadol-13C-D3	5.876	324285	1358828	0.2387	10.4993
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	83919	290930	0.2884	10.3964
Doxylamine	Doxylamine-D5	6.220	241264	1046036	0.2306	9.2746
Bupropion	Bupropion-D9	6.449	104106	403564	0.2580	9.6019
Meprobamate	Meprobamate-D7	6.551	34278	122983	0.2787	9.4538
Zolpidem	Zolpidem-D6	6.596	258232	1286242	0.2008	9.4385
Venlafaxine	Venlafaxine-D6	6.702	266256	1103690	0.2412	9.7675
Trazodone	Trazodone-D6	6.814	182436	662484	0.2754	10.0704
Citalopram	Citalopram-D6	6.856	147834	708649	0.2086	9.4159

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

Pla cal Z P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	63913	240372	0.2659	9.9094
Diphenhydramine	Diphenhydramine-D3	6.911	306483	1599191	0.1916	10.0094
Promethazine	Promethazine-D3	7.127	245051	948814	0.2583	10.0664
Clonazepam	Clonazepam-D4	7.162	97315	95163	1.0226	9.1208
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	20002	86578	0.2310	10.3821
Carisoprodol	Carisoprodol-D7	7.272	84966	309202	0.2748	9.8113
Lorazepam	Alprazolam-D5	7.282	41108	496986	0.0827	9.8091
Alprazolam	Alprazolam-D5	7.305	158547	496986	0.3190	9.5296

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

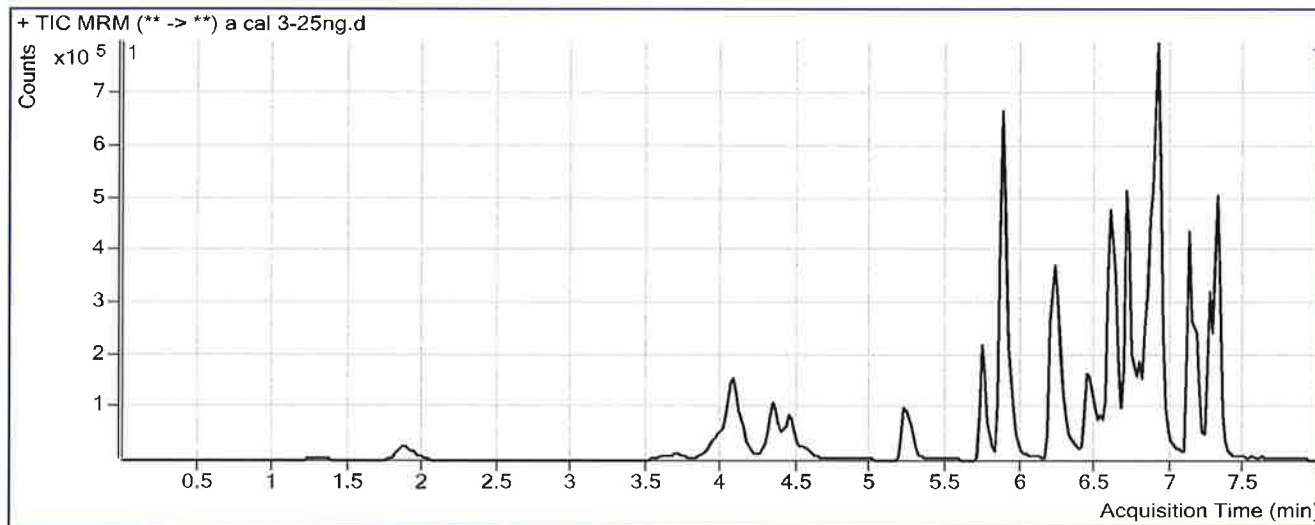


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Report Time	2/7/2018 3:47 PM	Reporter Name	ISPUser
Last Calib Update	2/7/2018 3:30 PM	Batch State	Processed

Analysis Info

Acq Time	2018-02-05 18:09	Data File	a cal 3-25ng.d
Sample Type	Calibration	Sample Name	a cal 3-25ng
Dilution	1	Acq Method	MD Quant Panel 1a 1-19-2018.m
Position	P1-F12	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	14647	18537	0.7902	23.8997
Hydromorphone	Hydromorphone-D6	1.889	61564	80570	0.7641	24.3859
Codeine	Codeine-D6	3.615	24456	43080	0.5677	23.2543
Oxycodone	Oxycodone-D6	4.069	197777	253646	0.7797	25.1804
Amphetamine	Amphetamine-D11	4.083	378323	213651	1.7708	25.5425
Hydrocodone	Hydrocodone-D6	4.354	68317	156771	0.4358	25.4839
Norhydrocodone	Norhydrocodone-D3	4.377	3673	37069	0.0991	27.3597
Methamphetamine	Methamphetamine-D11	4.441	256681	290581	0.8833	24.9239
6-MAM	6-MAM-D6	4.548	3161	46425	0.0681	2.4790
Phentermine	Phentermine-D5	5.261	114953	383832	0.2995	26.0795
Dextrophan	Dextrophan-D3	5.741	117312	420436	0.2790	24.1380
Tramadol	Tramadol-13C-D3	5.897	695823	1256087	0.5540	24.7964
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	196282	268038	0.7323	26.6571
Doxylamine	Doxylamine-D5	6.220	533574	823731	0.6478	24.9718
Bupropion	Bupropion-D9	6.469	203546	287941	0.7069	24.7523
Meprobamate	Meprobamate-D7	6.551	81107	109865	0.7382	27.1783
Zolpidem	Zolpidem-D6	6.596	589327	1102779	0.5344	24.9717
Venlafaxine	Venlafaxine-D6	6.702	548006	873027	0.6277	24.8998
Trazodone	Trazodone-D6	6.834	319351	472095	0.6765	25.0892
Citalopram	Citalopram-D6	6.856	285707	481729	0.5931	26.4461

ISP FORENSICS - Pocatello Instrument # 59740**Multi-Drug Confirmatory Analysis Report**Placal 3 ^B

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	113107	158870	0.7119	25.8300
Diphenhydramine	Diphenhydramine-D3	6.911	550689	1041079	0.5290	26.6810
Promethazine	Promethazine-D3	7.127	441465	664965	0.6639	25.6304
Clonazepam	Clonazepam-D4	7.162	221959	73143	3.0346	28.6511
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	41789	79796	0.5237	23.0591
Carisoprodol	Carisoprodol-D7	7.272	188029	244426	0.7693	26.8630
Lorazepam	Alprazolam-D5	7.282	94994	431886	0.2200	27.3502
Alprazolam	Alprazolam-D5	7.305	383387	431886	0.8877	25.3625

ISP FORENSICS - Pocatello Instrument # 59740

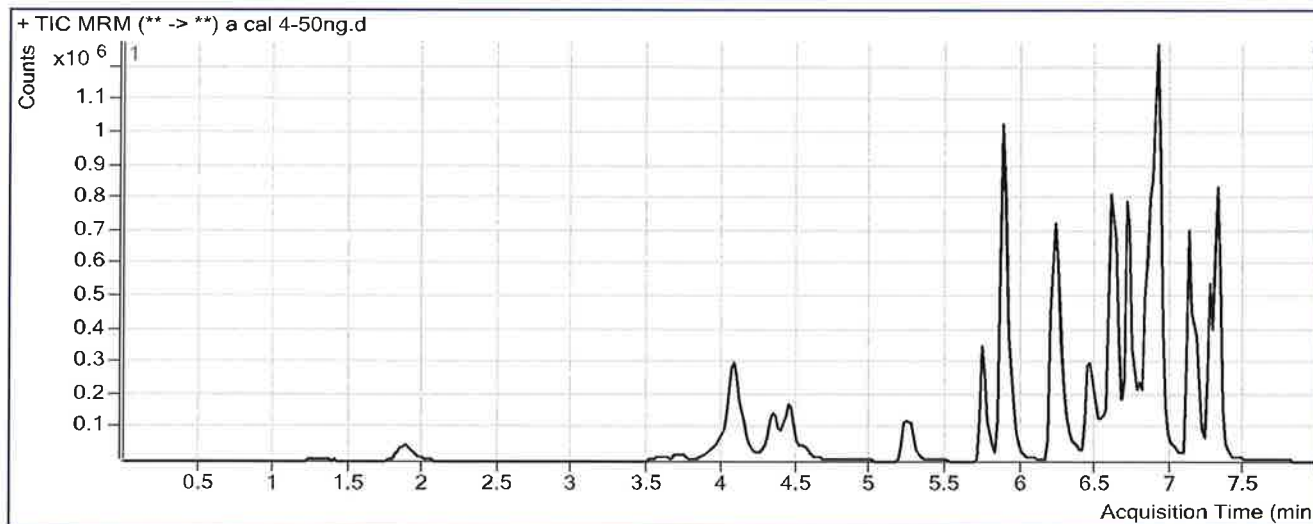
Multi-Drug Confirmatory Analysis Report

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Last Calib Update	2/7/2018 3:30 PM	Batch State	Processed

Analysis Info

Acq Time	2018-02-05 18:40	Data File	a cal 4-50ng.d
Sample Type	Calibration	Sample Name	a cal 4-50ng
Dilution	1	Acq Method	MD Quant Panel 1a 1-19-2018.m
Position	P1-E12	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	32901	19097	1.7229	50.6802
Hydromorphone	Hydromorphone-D6	1.889	144361	94401	1.5292	47.8022
Codeine	Codeine-D6	3.593	57880	48982	1.1816	47.4702
Oxycodone	Oxycodone-D6	4.049	442160	289053	1.5297	48.7314
Amphetamine	Amphetamine-D11	4.083	805828	227308	3.5451	54.1812
Hydrocodone	Hydrocodone-D6	4.354	156164	179372	0.8706	51.4843
Norhydrocodone	Norhydrocodone-D3	4.377	9222	37893	0.2434	51.8544
Methamphetamine	Methamphetamine-D11	4.441	582388	315970	1.8432	51.3039
6-MAM	6-MAM-D6	4.548	7617	57076	0.1334	4.8316
Phentermine	Phentermine-D5	5.261	247713	406942	0.6087	54.5486
Dextrophan	Dextrophan-D3	5.741	264325	464135	0.5695	48.4464
Tramadol	Tramadol-13C-D3	5.897	1533198	1419448	1.0801	48.6549
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	435772	306552	1.4215	51.9083
Doxylamine	Doxylamine-D5	6.220	1228306	965576	1.2721	48.4680
Bupropion	Bupropion-D9	6.469	442510	326793	1.3541	46.5935
Meprobamate	Meprobamate-D7	6.551	179940	122239	1.4720	55.4822
Zolpidem	Zolpidem-D6	6.616	1384526	1299113	1.0657	49.7098
Venlafaxine	Venlafaxine-D6	6.702	1207946	976024	1.2376	48.7811
Trazodone	Trazodone-D6	6.834	749031	525271	1.4260	53.1567
Citalopram	Citalopram-D6	6.856	611130	548630	1.1139	49.5164

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

Placal 4 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	258566	194797	1.3274	47.7953
Diphenhydramine	Diphenhydramine-D3	6.911	1167066	1169624	0.9978	49.8541
Promethazine	Promethazine-D3	7.127	998685	739344	1.3508	51.9865
Clonazepam	Clonazepam-D4	7.162	428683	83641	5.1253	48.9450
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	90036	80622	1.1168	48.7472
Carisoprodol	Carisoprodol-D7	7.272	399736	261105	1.5309	53.1288
Lorazepam	Alprazolam-D5	7.282	172704	468520	0.3686	46.3521
Alprazolam	Alprazolam-D5	7.305	808692	468520	1.7261	48.7033

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

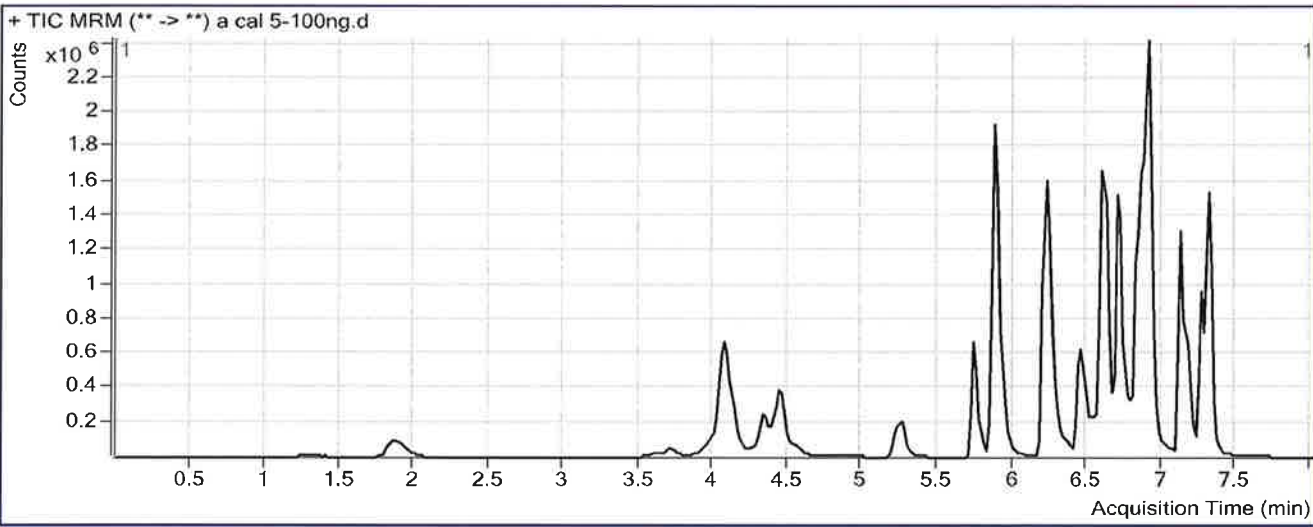
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Report Time	2/7/2018 3:47 PM	Reporter Name	ISPUser
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Analysis Info

Acq Time	2018-02-05 19:12	Data File	a cal 5-100ng.d
Sample Type	Calibration	Sample Name	a cal 5-100ng
Dilution	1	Acq Method	MD Quant Panel 1a 1-19-2018.m
Position	P1-D12	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.288	80619	24713	3.2622	94.8770
Hydromorphone	Hydromorphone-D6	1.909	359425	109235	3.2904	101.7023
Codeine	Codeine-D6	3.615	135182	54638	2.4741	98.4493
Oxycodone	Oxycodone-D6	4.069	1116334	349265	3.1962	101.0667
Amphetamine	Amphetamine-D11	4.083	1749377	255261	6.8533	107.5777
Hydrocodone	Hydrocodone-D6	4.354	369848	201066	1.8394	109.4129
Norhydrocodone	Norhydrocodone-D3	4.377	21230	44980	0.4720	90.6594
Methamphetamine	Methamphetamine-D11	4.441	1335970	380087	3.5149	97.2494
6-MAM	6-MAM-D6	4.548	16861	63324	0.2663	9.6129
Phentermine	Phentermine-D5	5.261	563098	450027	1.2513	113.7038
Dextrorphan	Dextrorphan-D3	5.741	624223	526214	1.1863	100.0590
Tramadol	Tramadol-13C-D3	5.897	3682059	1660078	2.2180	100.2495
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	1013798	340652	2.9760	108.8604
Doxylamine	Doxylamine-D5	6.220	2912404	1086138	2.6814	101.5060
Bupropion	Bupropion-D9	6.469	1071023	344882	3.1055	105.6980
Meprobamate	Meprobamate-D7	6.551	367589	124260	2.9582	112.8081
Zolpidem	Zolpidem-D6	6.596	3406800	1521567	2.2390	104.3336
Venlafaxine	Venlafaxine-D6	6.702	2931143	1127396	2.5999	102.1228
Trazodone	Trazodone-D6	6.834	1748336	606390	2.8832	107.7235
Citalopram	Citalopram-D6	6.856	1506579	626676	2.4041	106.6638

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

Placal 5

5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	621044	213054	2.9150	104.4602
Diphenhydramine	Diphenhydramine-D3	6.911	2841024	1423878	1.9953	99.1535
Promethazine	Promethazine-D3	7.127	2066429	821685	2.5149	96.6537
Clonazepam	Clonazepam-D4	7.162	878069	79137	11.0956	106.8981
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	183956	80883	2.2744	98.8884
Carisoprodol	Carisoprodol-D7	7.272	861317	304370	2.8298	97.9202
Lorazepam	Alprazolam-D5	7.282	294033	509048	0.5776	73.0654
Alprazolam	Alprazolam-D5	7.305	1812500	509048	3.5606	99.7783

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

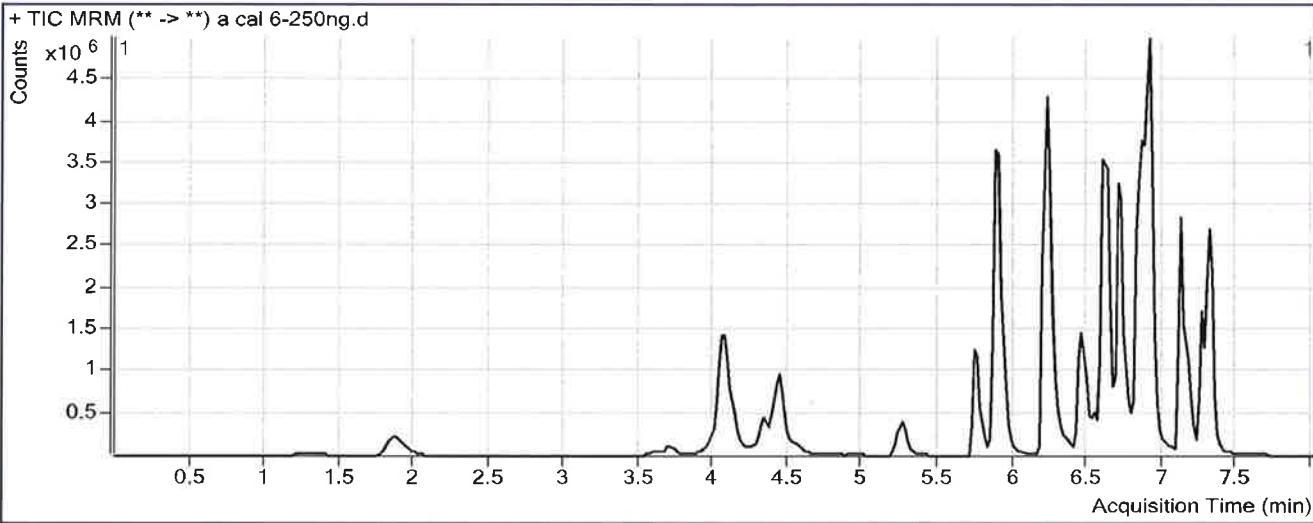
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Report Time	2/7/2018 3:47 PM	Reporter Name	ISPUser
Last Calib Update	2/7/2018 3:30 PM	Batch State	Processed

Analysis Info

Acq Time	2018-02-05 19:43	Data File	a cal 6-250ng.d
Sample Type	Calibration	Sample Name	a cal 6-250ng
Dilution	1	Acq Method	MD Quant Panel 1a 1-19-2018.m
Position	P1-C12	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.288	197512	23244	8.4973	245.1850
Hydromorphone	Hydromorphone-D6	1.889	879544	103945	8.4616	259.9664
Codeine	Codeine-D6	3.615	327569	49950	6.5580	259.5276
Oxycodone	Oxycodone-D6	4.049	2671289	331231	8.0647	253.9539
Amphetamine	Amphetamine-D11	4.083	3954924	228794	17.2860	275.9683
Hydrocodone	Hydrocodone-D6	4.334	889505	201470	4.4151	263.4175
Norhydrocodone	Norhydrocodone-D3	4.377	51591	40329	1.2793	227.6924
Methamphetamine	Methamphetamine-D11	4.441	3341591	371288	9.0000	248.0006
6-MAM	6-MAM-D6	4.548	43802	64075	0.6836	24.6361
Phentermine	Phentermine-D5	5.261	1314381	442239	2.9721	272.1343
Dextrorphan	Dextrorphan-D3	5.741	1600539	516773	3.0972	259.9740
Tramadol	Tramadol-13C-D3	5.897	9413399	1617421	5.8200	263.5757
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	2196356	308055	7.1298	261.0375
Doxylamine	Doxylamine-D5	6.220	7797441	1086295	7.1780	270.7279
Bupropion	Bupropion-D9	6.469	2668438	336111	7.9391	268.8217
Meprobamate	Meprobamate-D7	6.551	784916	115939	6.7701	259.8393
Zolpidem	Zolpidem-D6	6.616	8514042	1504163	5.6603	263.6206
Venlafaxine	Venlafaxine-D6	6.702	7417780	1134612	6.5377	256.3090
Trazodone	Trazodone-D6	6.834	4303309	644707	6.6748	249.7068
Citalopram	Citalopram-D6	6.856	3376301	589741	5.7251	253.7657

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

Placal b P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	1420217	214992	6.6059	236.1977
Diphenhydramine	Diphenhydramine-D3	6.911	6956407	1314129	5.2936	262.1709
Promethazine	Promethazine-D3	7.127	5721085	835055	6.8511	263.0399
Clonazepam	Clonazepam-D4	7.162	1436633	54457	26.3813	255.2752
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	345933	58041	5.9601	258.5376
Carisoprodol	Carisoprodol-D7	7.272	1692009	242903	6.9658	240.5457
Lorazepam	Alprazolam-D5	7.282	465212	409971	1.1347	144.2757
Alprazolam	Alprazolam-D5	7.305	3766187	409971	9.1865	256.4105

ISP FORENSICS - Pocatello Instrument # 59740

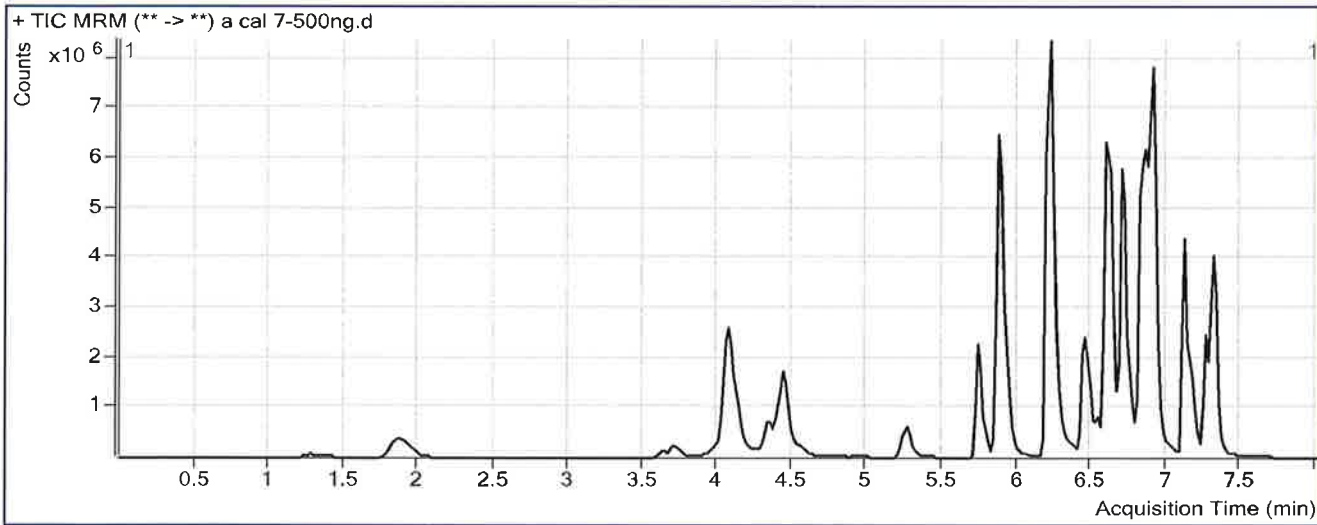
Multi-Drug Confirmatory Analysis Report

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Report Time 2/7/2018 3:47 PM **Reporter Name** ISPUser
Last Calib Update 2/7/2018 3:30 PM **Batch State** Processed

Analysis Info


Acq Time 2018-02-05 20:15 **Data File** a cal 7-500ng.d
Sample Type Calibration **Sample Name** a cal 7-500ng
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-B12 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.288	364575	21633	16.8529	485.0853
Hydromorphone	Hydromorphone-D6	1.889	1607777	98669	16.2946	499.6943
Codeine	Codeine-D6	3.715	583265	45238	12.8933	509.4119
Oxycodone	Oxycodone-D6	4.069	5004350	312370	16.0206	503.7951
Amphetamine	Amphetamine-D11	4.083	6526984	221920	29.4114	471.6807
Hydrocodone	Hydrocodone-D6	4.354	1634202	192942	8.4699	505.8673
Norhydrocodone	Norhydrocodone-D3	4.377	91602	30300	3.0232	523.7267
Methamphetamine	Methamphetamine-D11	4.441	5857220	307456	19.0506	524.2287
6-MAM	6-MAM-D6	4.568	83326	58501	1.4243	51.3002
Phentermine	Phentermine-D5	5.261	2241209	409114	5.4782	502.8586
Dextrorphan	Dextrorphan-D3	5.741	2835998	473942	5.9839	501.5440
Tramadol	Tramadol-13C-D3	5.876	17487094	1640778	10.6578	482.9372
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	3327761	272671	12.2043	446.9504
Doxylamine	Doxylamine-D5	6.220	14836293	1131698	13.1098	493.9598
Bupropion	Bupropion-D9	6.469	4457902	292101	15.2615	515.9325
Meprobamate	Meprobamate-D7	6.551	1272639	97265	13.0843	503.3929
Zolpidem	Zolpidem-D6	6.596	15444829	1453526	10.6258	494.7985
Venlafaxine	Venlafaxine-D6	6.702	13821025	1080836	12.7873	501.0161
Trazodone	Trazodone-D6	6.814	7811525	621203	12.5748	470.6414
Citalopram	Citalopram-D6	6.856	5604564	521577	10.7454	476.1418

ISP FORENSICS - Pocatello Instrument # 59740**Multi-Drug Confirmatory Analysis Report**Placal 7 

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	2495186	172248	14.4860	517.4543
Diphenhydramine	Diphenhydramine-D3	6.911	11727994	1223920	9.5823	474.1434
Promethazine	Promethazine-D3	7.127	9334661	721028	12.9463	496.9167
Clonazepam	Clonazepam-D4	7.162	1920976	39964	48.0675	465.7821
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	523394	46703	11.2069	485.7990
Carisoprodol	Carisoprodol-D7	7.272	2540491	167123	15.2013	524.5415
Lorazepam	Alprazolam-D5	7.282	672598	328212	2.0493	261.1678
Alprazolam	Alprazolam-D5	7.305	5843189	328212	17.8031	496.3070

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

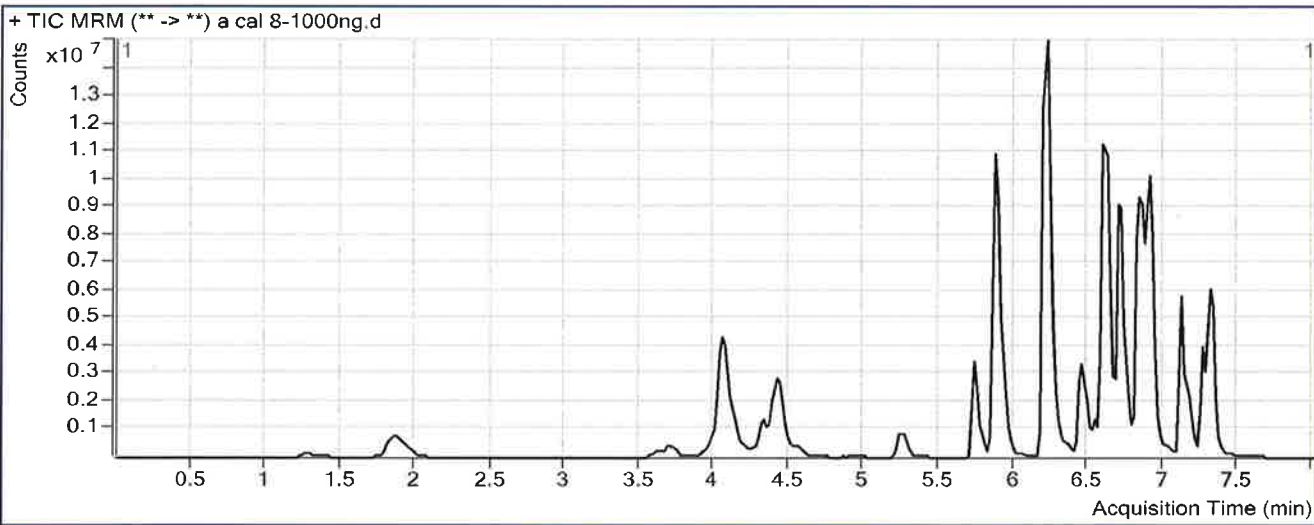
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Analysis Info

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Sample Type	Calibration	Sample Name	a cal 8-1000ng
Dilution	1	Acq Method	MD Quant Panel 1a 1-19-2018.m
Position	P1-A12	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	746700	20945	35.6506	1024.7968
Hydromorphone	Hydromorphone-D6	1.889	3278540	98675	33.2255	1017.8623
Codeine	Codeine-D6	3.715	1117449	44724	24.9855	986.3637
Oxycodone	Oxycodone-D6	4.049	10282973	322921	31.8436	1000.6931
Amphetamine	Amphetamine-D11	4.083	10185810	203280	50.1074	805.7266
Hydrocodone	Hydrocodone-D6	4.334	3177394	195628	16.2420	970.5848
Norhydrocodone	Norhydrocodone-D3	4.377	166240	28413	5.8508	1003.7074
Methamphetamine	Methamphetamine-D11	4.421	10122040	284079	35.6310	979.9213
6-MAM	6-MAM-D6	4.548	171128	57176	2.9930	107.7671
Phentermine	Phentermine-D5	5.261	3718085	356887	10.4181	957.6506
Dextrorphan	Dextrorphan-D3	5.741	4604079	374765	12.2852	1028.8731
Tramadol	Tramadol-13C-D3	5.876	32481557	1465754	22.1603	1004.4973
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	5943994	250329	23.7447	869.7496
Doxylamine	Doxylamine-D5	6.220	28301285	1086303	26.0528	981.0516
Bupropion	Bupropion-D9	6.469	5648301	205307	27.5116	929.3396
Meprobamate	Meprobamate-D7	6.551	2352037	93571	25.1364	968.2687
Zolpidem	Zolpidem-D6	6.596	30024173	1414681	21.2233	988.1899
Venlafaxine	Venlafaxine-D6	6.722	24113903	952068	25.3279	992.0482
Trazodone	Trazodone-D6	6.834	13087410	531212	24.6369	922.3222
Citalopram	Citalopram-D6	6.856	7852943	343360	22.8708	1013.2353

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

Placal 8 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	3266758	117428	27.8191	993.3414
Diphenhydramine	Diphenhydramine-D3	6.911	16002333	824599	19.4062	959.6880
Promethazine	Promethazine-D3	7.127	12404033	480310	25.8250	991.0824
Clonazepam	Clonazepam-D4	7.162	2778778	29063	95.6118	927.2904
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	917644	39397	23.2924	1009.2836
Carisoprodol	Carisoprodol-D7	7.272	4174284	159781	26.1250	901.2375
Lorazepam	Alprazolam-D5	7.282	1158863	267815	4.3271	552.3110
Alprazolam	Alprazolam-D5	7.326	9802124	267815	36.6004	1019.6462

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

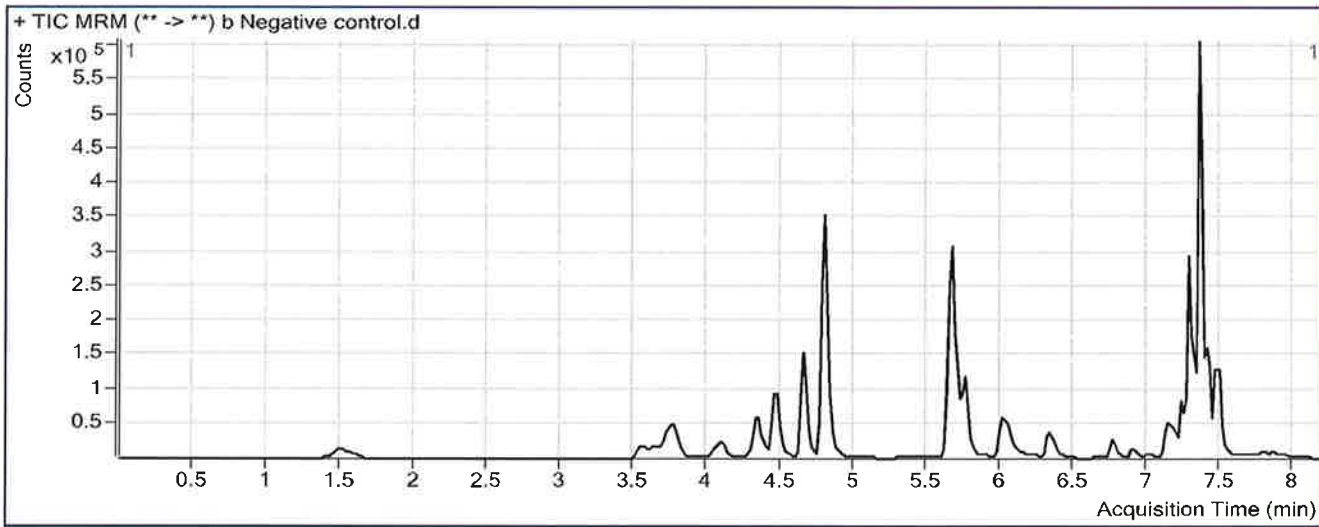
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Report Time	2/7/2018 3:41 PM	Reporter Name	ISPUser
Last Calib Update	2/7/2018 3:35 PM	Batch State	Processed

Analysis Info

Acq Time	2018-02-05 21:49	Data File	b Negative control.d
Sample Type	Sample	Sample Name	b Negative control
Dilution	1	Acq Method	MD Quant Panel 1b 12-12-17.m
Position	P1-D11	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	11555	1203957	0.0096	0.3407 <5
Fluoxetine	Fluoxetine-D6	7.284	14893	145601	0.1023	4.3180 <25
Buprenorphine	Buprenorphine-D4	7.496	6478	38016	0.1704	3.5598

↓
 negative due
 to missing 2nd
 secondary qualifier
 peak.

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

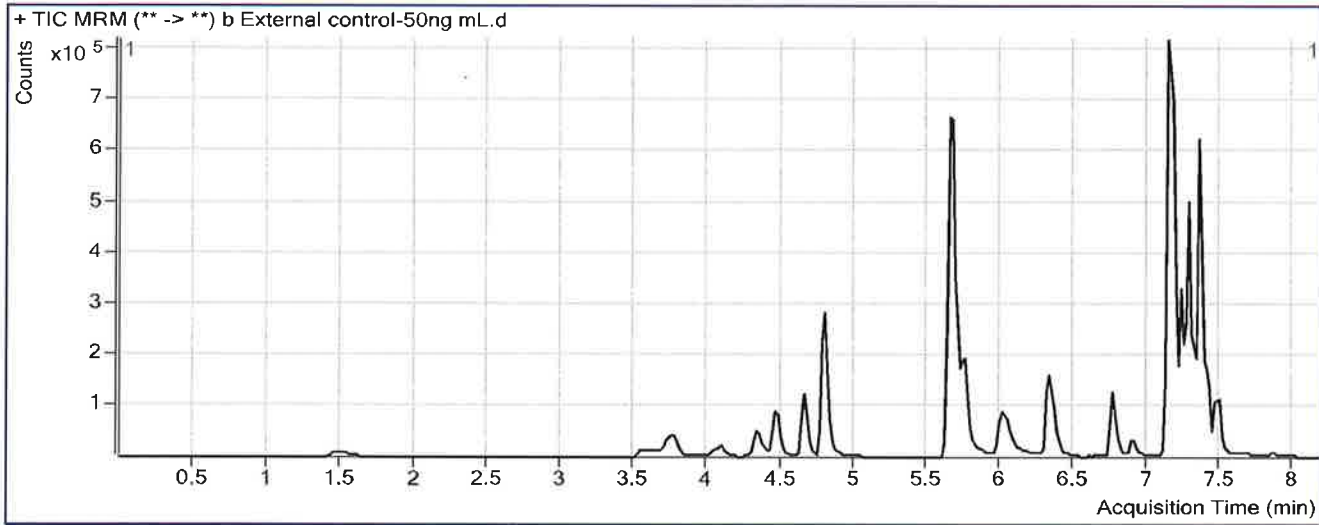
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Report Time	2/7/2018 3:41 PM	Reporter Name	ISPUser
Last Calib Update	2/7/2018 3:35 PM	Batch State	Processed

Analysis Info

Acq Time	2018-02-05 22:21	Data File	b External control-50ng mL.d
Sample Type	Sample	Sample Name	b External control-50ng mL
Dilution	1	Acq Method	MD Quant Panel 1b 12-12-17.m
Position	P1-C11	Sample Info	
Inj Vol	-1	Comment	AM 28; WS121217 50 ng trazodone, ketamine, morphine, quetiapine

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
<u>Ketamine</u>	Ketamine-D4	5.660	1274530	577267	2.2079	89.4545
<u>Quetiapine</u>	Quetiapine-D8	7.138	1327010	185584	7.1504	70.0079
Fluoxetine	Fluoxetine-D6	7.284	7561	699708	0.0108	0.2677 <25
Buprenorphine	Buprenorphine-D4	7.516	6310	167113	0.0378	0.3715 <2.5

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

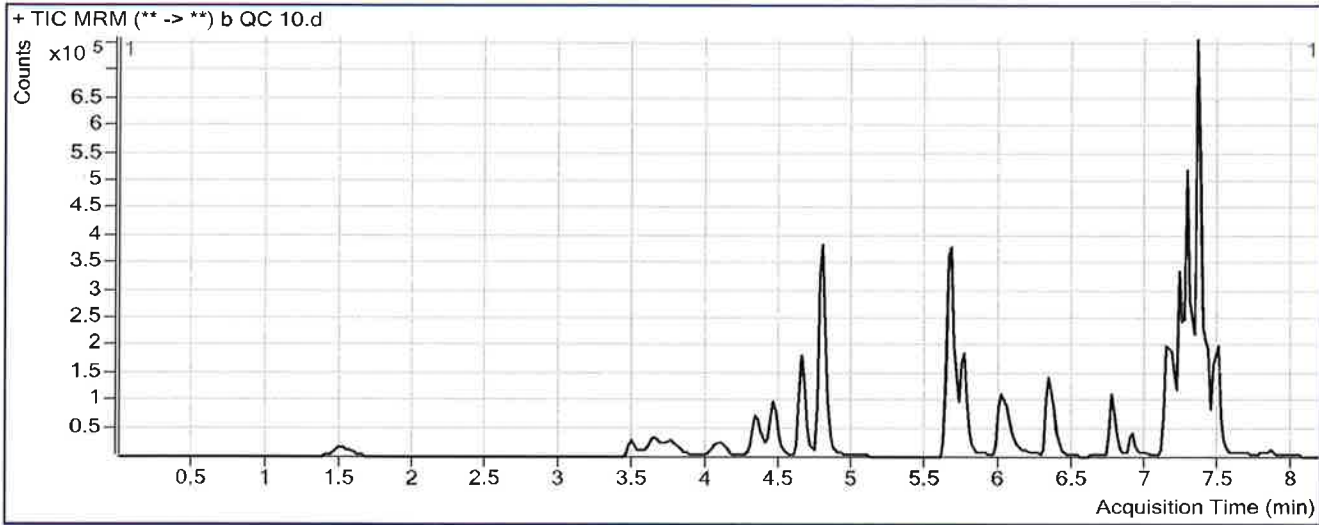
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Report Time 2/7/2018 3:41 PM **Reporter Name** ISPUser
Last Calib Update 2/7/2018 3:35 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-05 23:24 **Data File** b QC 10.d
Sample Type QC **Sample Name** b QC 10
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-H11 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.508	35761	120840	0.2959	9.8200
Dihydrocodeine	Dihydrocodeine-D6	3.517	25765	138610	0.1859	10.1283
Naloxone	Naloxone-D5	3.831	49885	308774	0.1616	10.1259
Noroxycodone	Noroxycodone-D3	4.119	38540	130747	0.2948	9.9826
Naltrexone	Naltrexone-D3	4.351	54652	254116	0.2151	9.8741
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	10295	416591	0.0247	0.9481
Naltrexol	Naltrexol-D3	4.669	115660	470729	0.2457	9.4103
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	255929	1161878	0.2203	9.7259
Ketamine	Ketamine-D4	5.660	148121	636050	0.2329	9.8690
Norfentanyl	Norfentanyl-D5	5.703	12976	729341	0.0178	1.1436
alpha-PVP	alpha-PVP-d8	6.027	100893	449650	0.2244	10.0554
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	7792	499582	0.0156	1.0310
Norbuprenorphine	Norbuprenorphine-D3	6.672	295	12921	0.0229	1.0055
Fentanyl	Fentanyl-D5	6.780	6912	356829	0.0194	1.0165
EDDP	EDDP-D3	6.910	21708	99322	0.2186	10.0700
Quetiapine	Quetiapine-D8	7.138	195667	175299	1.1162	11.2562
Sufentanil	Sufentanil-D5	7.158	4852	226979	0.0214	0.9912
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	47139	170046	0.2772	10.4826
Methadone	Methadone-D9	7.222	164470	585776	0.2808	10.4103

outside curve range P

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

P16 QC10

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	133643	536857	0.2489	10.8110
Oxazepam	Oxazepam-D5	7.308	80905	456184	0.1774	9.6537
Sertraline	Sertraline-D3	7.345	60282	250612	0.2405	10.8274
Temazepam	Temazepam-D5	7.367	222539	1220235	0.1824	10.1787
Nordiazepam	Nordiazepam-D5	7.434	98961	322298	0.3070	8.8853
Buprenorphine	Buprenorphine-D4	7.436	11080	136057	0.0814	1.4211
Diazepam	Diazepam-D5	7.490	79638	294811	0.2701	10.5620

outside
curve
range
P

ISP FORENSICS - Pocatello Instrument # 59740

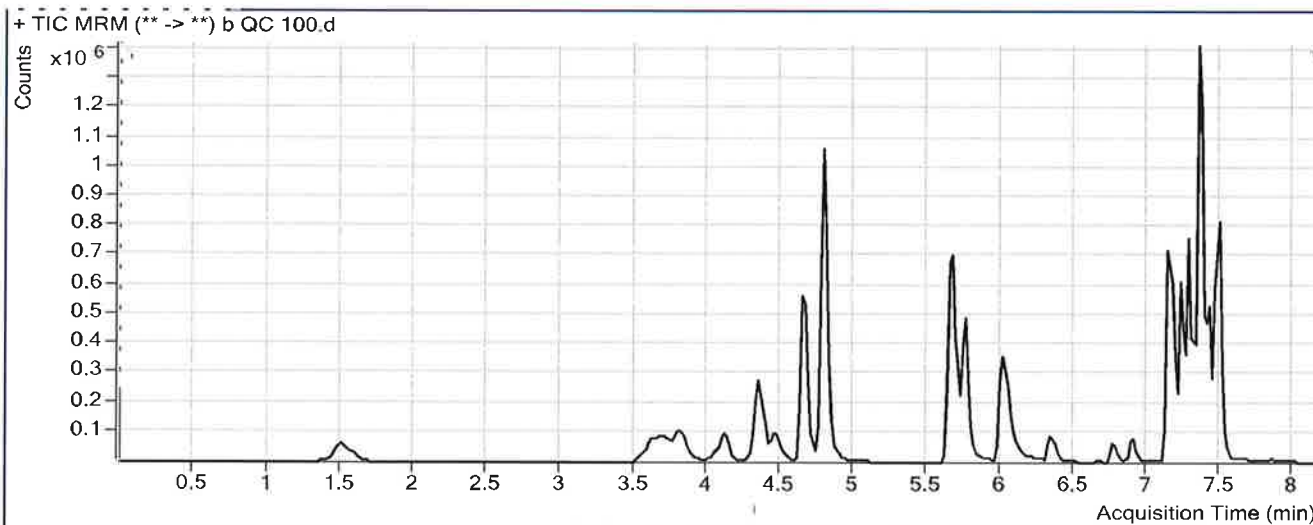
Multi-Drug Confirmatory Analysis Report

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Report Time 2/7/2018 3:41 PM **Reporter Name** ISPUser
Last Calib Update 2/7/2018 3:35 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-06 02:02 **Data File** b QC 100.d
Sample Type QC **Sample Name** b QC 100
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-G11 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	376769	108284	3.4795	108.8590
Dihydrocodeine	Dihydrocodeine-D6	3.695	268014	126754	2.1145	108.8760
Naloxone	Naloxone-D5	3.831	510620	274332	1.8613	105.4182
Noroxycodone	Noroxycodone-D3	4.119	353652	102814	3.4397	113.0651
Naltrexone	Naltrexone-D3	4.351	538292	211584	2.5441	114.9606
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	98286	357255	0.2751	9.6781
Naltrexol	Naltrexol-D3	4.669	1164910	416579	2.7964	112.4274
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	2540888	1057255	2.4033	106.9764
Ketamine	Ketamine-D4	5.660	1385424	532706	2.6007	105.2854
Norfentanyl	Norfentanyl-D5	5.703	126519	607604	0.2082	10.0047
alpha-PVP	alpha-PVP-d8	6.027	741537	345158	2.1484	91.6515
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	41622	247161	0.1684	9.9173
Norbuprenorphine	Norbuprenorphine-D3	6.672	1413	6720	0.2102	10.6932
Fentanyl	Fentanyl-D5	6.780	34808	166557	0.2090	9.9088
EDDP	EDDP-D3	6.910	147953	60853	2.4313	109.1510
Quetiapine	Quetiapine-D8	7.138	1308782	107055	12.2253	119.4188
Sufentanil	Sufentanil-D5	7.158	24498	108798	0.2252	9.5980
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	250560	81705	3.0666	117.9071
Methadone	Methadone-D9	7.222	828050	278194	2.9765	108.5416

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

Pib QC 100 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	652899	252876	2.5819	114.1031
Oxazepam	Oxazepam-D5	7.288	430422	218586	1.9691	108.1952
Sertraline	Sertraline-D3	7.345	318077	120295	2.6441	112.9987
Temazepam	Temazepam-D5	7.367	1828202	877268	2.0840	105.9412
Nordiazepam	Nordiazepam-D5	7.434	875191	230182	3.8022	108.4664
Buprenorphine	Buprenorphine-D4	7.436	34327	65874	0.5211	11.9882
Diazepam	Diazepam-D5	7.490	754125	264580	2.8503	107.3393

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

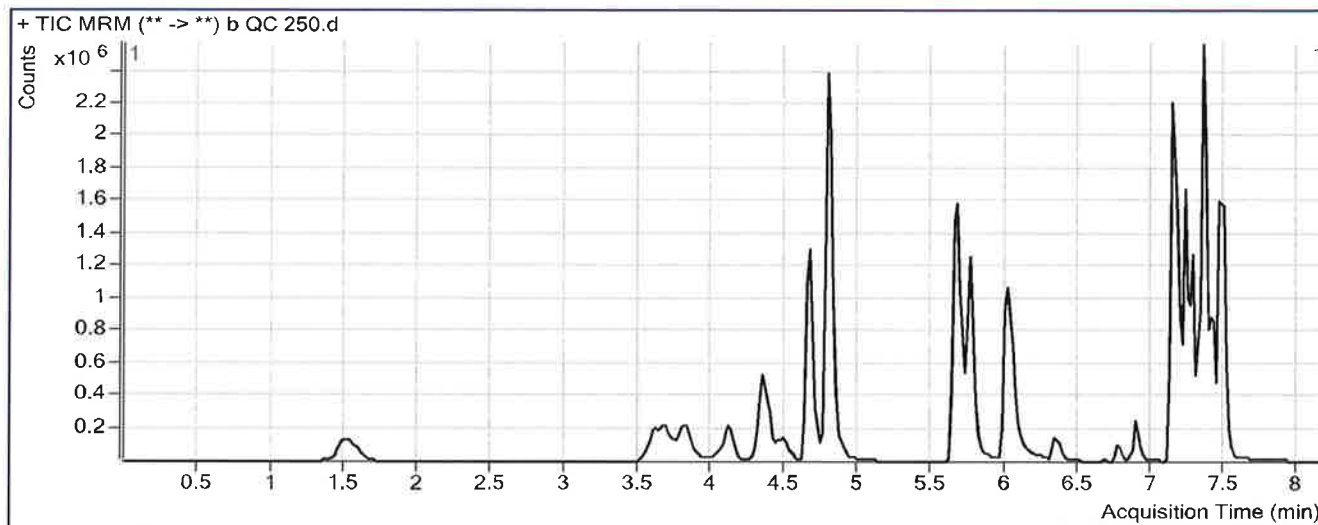
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Analysis Info

Acq Time	2018-02-06 04:07	Data File	b QC 250.d
Sample Type	QC	Sample Name	b QC 250
Dilution	1	Acq Method	MD Quant: Panel 1b 12-12-17.m
Position	P1-F11	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	971069	111907	8.6775	270.5694
Dihydrocodeine	Dihydrocodeine-D6	3.675	767182	151294	5.0708	260.2488
Naloxone	Naloxone-D5	3.831	1223098	262536	4.6588	262.2493
Noroxycodone	Noroxycodone-D3	4.119	883296	109282	8.0827	265.2484
Naltrexone	Naltrexone-D3	4.351	1212021	203330	5.9609	269.1244
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	289009	405883	0.7120	24.9113
Naltrexol	Naltrexol-D3	4.669	3000120	457949	6.5512	264.0789
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	7112941	1201086	5.9221	263.7346
Ketamine	Ketamine-D4	5.660	4201844	653165	6.4330	259.7148
Norfentanyl	Norfentanyl-D5	5.703	388964	718488	0.5414	25.5059
alpha-PVP	alpha-PVP-d8	6.027	2715822	448015	6.0619	257.6201
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	130035	315186	0.4126	24.1171
Norbuprenorphine	Norbuprenorphine-D3	6.672	4216	8491	0.4964	25.4957
Fentanyl	Fentanyl-D5	6.780	99499	199063	0.4998	23.5484
EDDP	EDDP-D3	6.889	476657	78480	6.0736	272.2449
Quetiapine	Quetiapine-D8	7.138	3943668	145705	27.0661	263.9142
Sufentanil	Sufentanil-D5	7.158	77291	125390	0.6164	26.1208
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	685920	91711	7.4792	287.8400
Methadone	Methadone-D9	7.222	2350170	358766	6.5507	238.6503

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

P
P1b QC 250

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	1644016	275418	5.9692	264.0756
Oxazepam	Oxazepam-D5	7.288	571562	120296	4.7513	261.2058
Sertraline	Sertraline-D3	7.345	779545	119094	6.5456	278.8409
Temazepam	Temazepam-D5	7.347	3531789	742250	4.7582	240.6138
Nordiazepam	Nordiazepam-D5	7.434	1672774	179681	9.3097	265.3823
Buprenorphine	Buprenorphine-D4	7.416	90745	80471	1.1277	26.5673
Diazepam	Diazepam-D5	7.490	1847400	268307	6.8854	258.6913

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

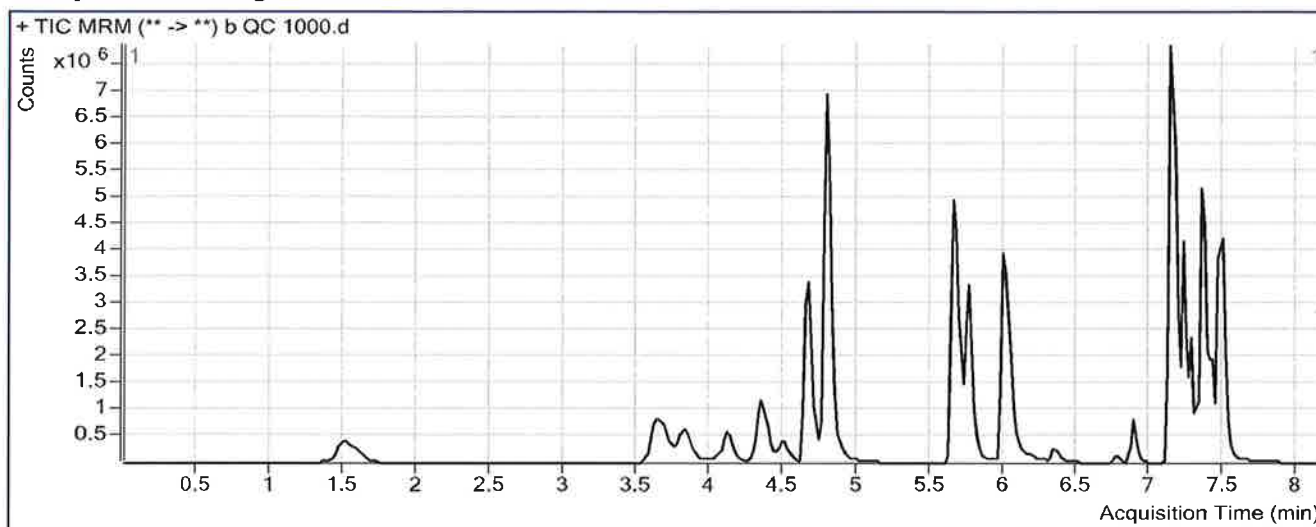
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Analysis Info

Acq Time	2018-02-06 06:29	Data File	b QC 1000.d
Sample Type	QC	Sample Name	b QC 1000
Dilution	1	Acq Method	MD Quant Panel 1b 12-12-17.m
Position	P1-E11	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	3171454	98523	32.1900	1002.0392
Dihydrocodeine	Dihydrocodeine-D6	3.635	2677693	150580	17.7825	911.1181
Naloxone	Naloxone-D5	3.831	3404991	183115	18.5948	1043.5339
Noroxycodone	Noroxycodone-D3	4.119	2528799	84302	29.9970	983.5331
Naltrexone	Naltrexone-D3	4.351	3065219	147540	20.7755	937.5631
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	1070319	383253	2.7927	97.4511
Naltrexol	Naltrexol-D3	4.669	9271168	381553	24.2985	980.8607
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	24495516	1113141	22.0058	980.2416
Ketamine	Ketamine-D4	5.660	14837449	623536	23.7956	959.3680
Norfentanyl	Norfentanyl-D5	5.703	1347978	595819	2.2624	105.5869
alpha-PVP	alpha-PVP-d8	6.007	9792025	420558	23.2834	987.9703
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	379482	240772	1.5761	91.7838
Norbuprenorphine	Norbuprenorphine-D3	6.672	8614	4527	1.9026	98.2138
Fentanyl	Fentanyl-D5	6.780	225638	110376	2.0443	95.9762
EDDP	EDDP-D3	6.889	1650791	63731	25.9025	1160.1319
Quetiapine	Quetiapine-D8	7.138	13630614	144033	94.6354	921.7938
Sufentanil	Sufentanil-D5	7.158	158165	71432	2.2142	93.6011
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	1498379	57082	26.2495	1010.7130
Methadone	Methadone-D9	7.222	5953198	241876	24.6126	896.1438

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

P16 QC 1000

P

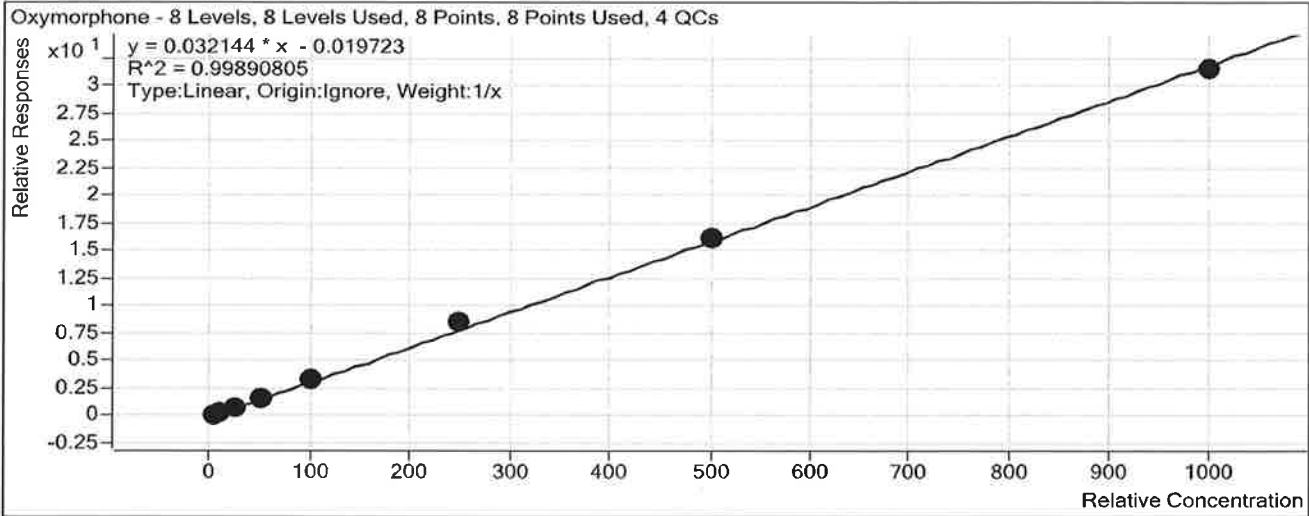
Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	2701072	117767	22.9357	1015.2697
Oxazepam	Oxazepam-D5	7.288	1265852	70742	17.8939	984.0086
Sertraline	Sertraline-D3	7.345	1290665	47787	27.0089	1148.6831
Temazepam	Temazepam-D5	7.347	9550306	475727	20.0752	1011.9603
Nordiazepam	Nordiazepam-D5	7.434	3779840	108214	34.9293	995.3201
Buprenorphine	Buprenorphine-D4	7.436	187163	42697	4.3836	104.8218
Diazepam	Diazepam-D5	7.490	5446076	204600	26.6181	998.8393

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

S

Target Compound Oxymorphone
Internal Standard Oxymorphone-D3



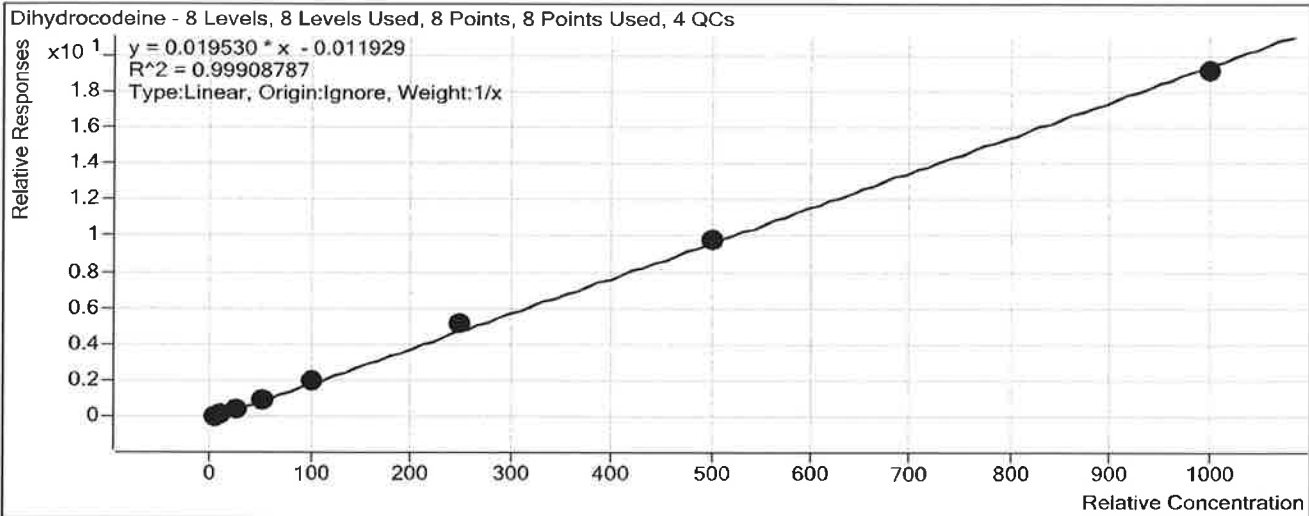
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.2
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.9	95.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.1	102.1
b QC 100	5	<input checked="" type="checkbox"/>	100	108.9	108.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	269.0	107.6
b QC 250	6	<input checked="" type="checkbox"/>	250	270.6	108.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	500.0	100.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	981.3	98.1
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1002.0	100.2

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

D

Target Compound Dihydrocodeine
Internal Standard Dihydrocodeine-D6



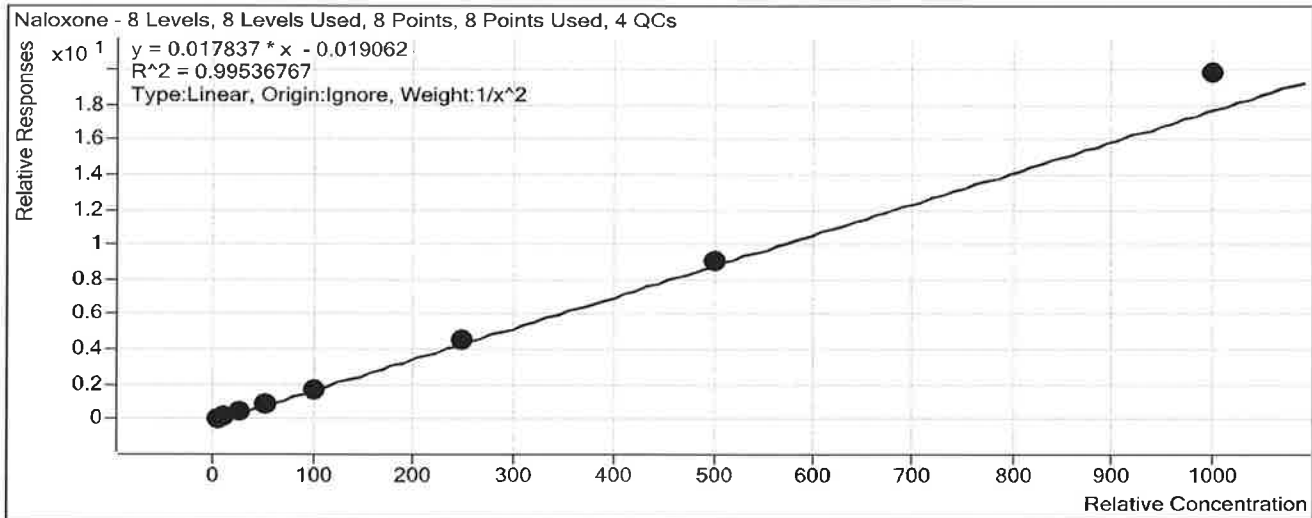
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.4	105.4
b QC 100	5	<input checked="" type="checkbox"/>	100	108.9	108.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.3	105.7
b QC 250	6	<input checked="" type="checkbox"/>	250	260.2	104.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	503.0	100.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	979.1	97.9
b QC 1000	8	<input checked="" type="checkbox"/>	1000	911.1	91.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

D

Target Compound Naloxone
Internal Standard Naloxone-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.8
b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.2	92.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.7	96.7
b QC 100	5	<input checked="" type="checkbox"/>	100	105.4	105.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.6	101.9
b QC 250	6	<input checked="" type="checkbox"/>	250	262.2	104.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	510.9	102.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1112.7	111.3
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1043.5	104.4

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin

Last Calib Update

2/7/2018 3:35 PM

Analyst Name

ISP TOX

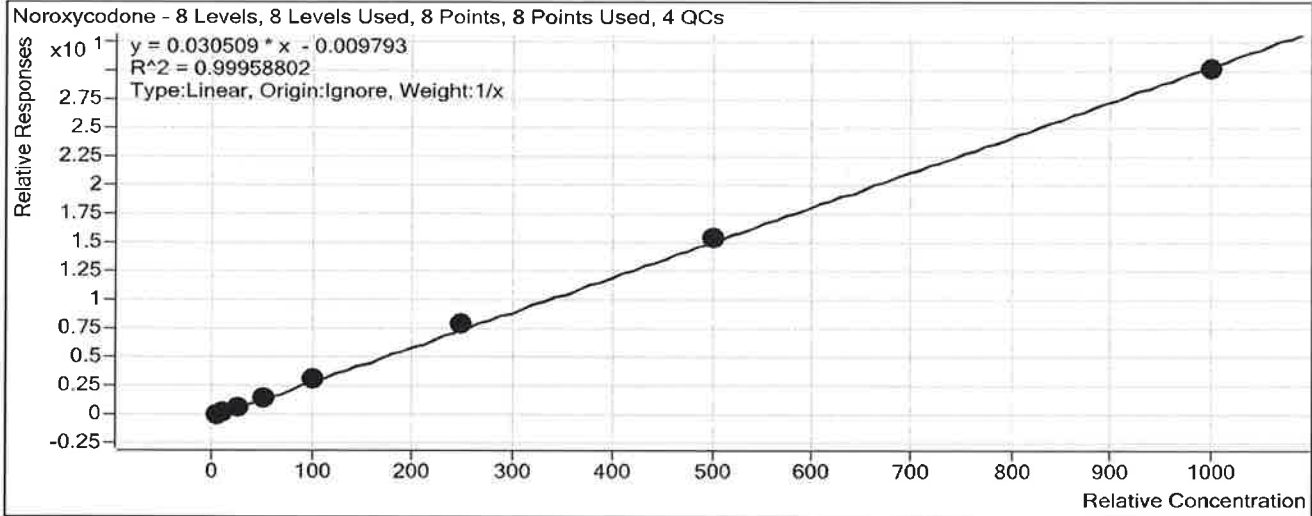
D

Target Compound

Noroxycodone

Internal Standard

Noroxycodone-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.1
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	99.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.2	102.2
b QC 100	5	<input checked="" type="checkbox"/>	100	113.1	113.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.3	104.1
b QC 250	6	<input checked="" type="checkbox"/>	250	265.2	106.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	503.1	100.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	985.4	98.5
b QC 1000	8	<input checked="" type="checkbox"/>	1000	983.5	98.4

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin

Last Calib Update

2/7/2018 3:35 PM

Analyst Name

ISP TOX

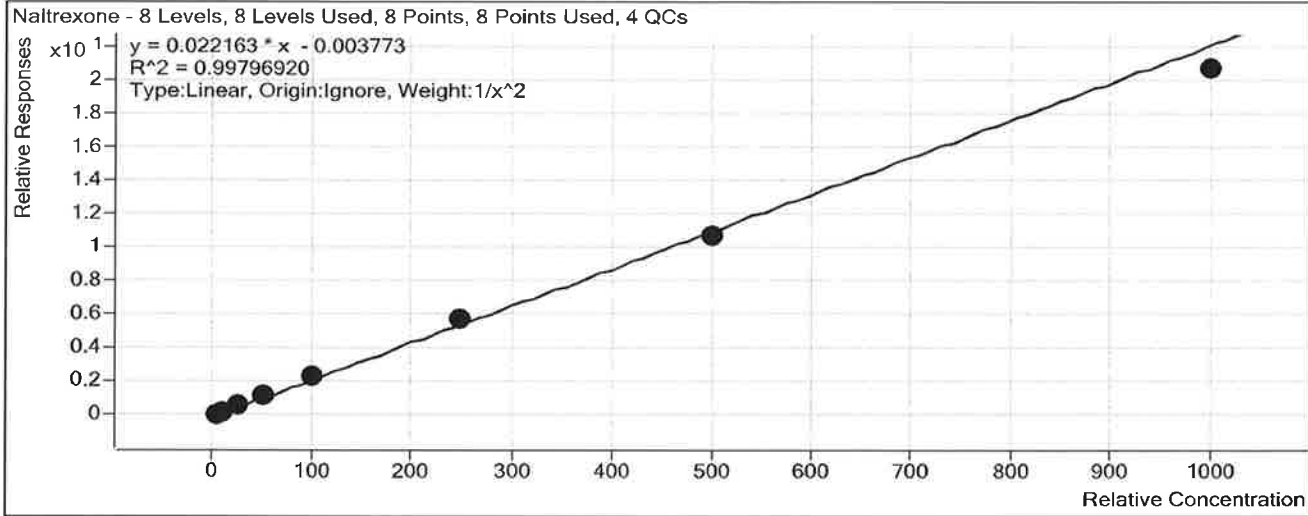
SP

Target Compound

Naltrexone

Internal Standard

Naltrexone-D3



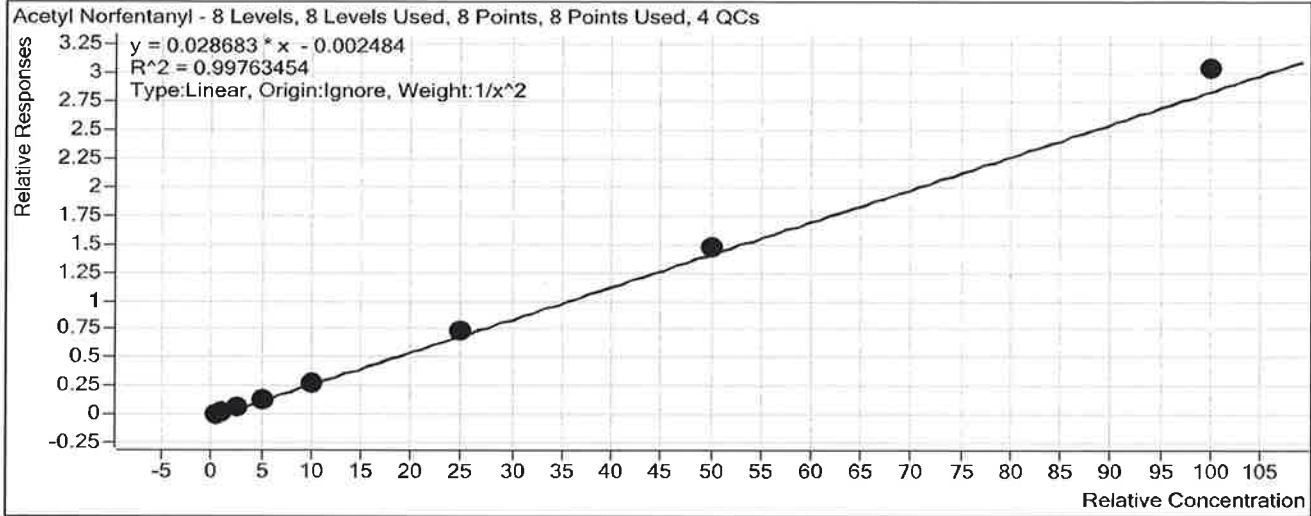
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.1
b QC 10	2	<input checked="" type="checkbox"/>	10	9.9	98.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.0	104.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.3	104.3
b QC 100	5	<input checked="" type="checkbox"/>	100	115.0	115.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	257.4	103.0
b QC 250	6	<input checked="" type="checkbox"/>	250	269.1	107.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	482.0	96.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	930.1	93.0
b QC 1000	8	<input checked="" type="checkbox"/>	1000	937.6	93.8

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

D

Target Compound Acetyl Norfentanyl
Internal Standard Acetyl Norfentanyl-D5



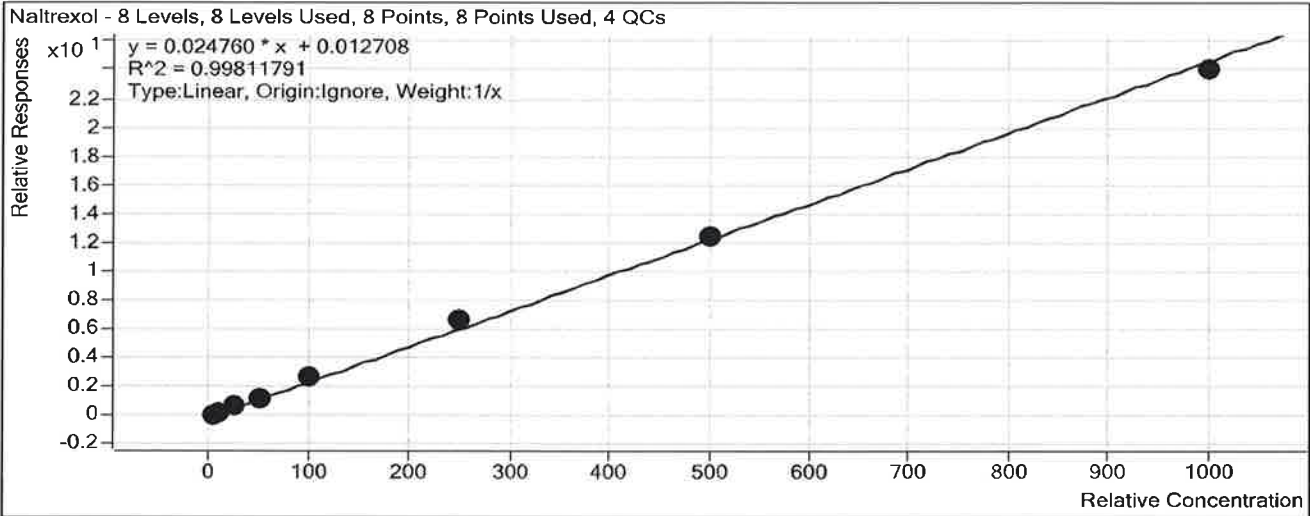
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	101.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	100.5
b QC 10	2	<input checked="" type="checkbox"/>	1	0.9	94.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	93.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.8	96.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.7	97.3
b QC 100	5	<input checked="" type="checkbox"/>	10	9.7	96.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.6	102.5
b QC 250	6	<input checked="" type="checkbox"/>	25	24.9	99.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	51.5	103.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	106.0	106.0
b QC 1000	8	<input checked="" type="checkbox"/>	100	97.5	97.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

B

Target Compound Naltrexol
Internal Standard Naltrexol-D3



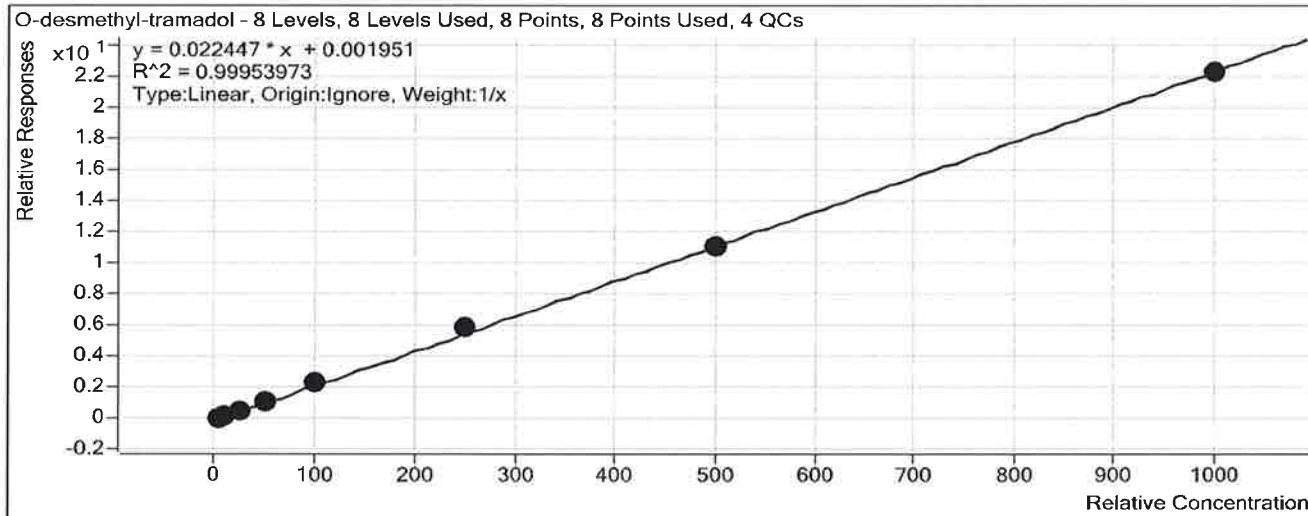
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.4	87.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.1
b QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.5	102.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.3	102.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.7	107.7
b QC 100	5	<input checked="" type="checkbox"/>	100	112.4	112.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	270.2	108.1
b QC 250	6	<input checked="" type="checkbox"/>	250	264.1	105.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.2	100.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	969.2	96.9
b QC 1000	8	<input checked="" type="checkbox"/>	1000	980.9	98.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

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

P



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.2
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.5	102.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.2	100.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.7	102.7
b QC 100	5	<input checked="" type="checkbox"/>	100	107.0	107.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	261.9	104.7
b QC 250	6	<input checked="" type="checkbox"/>	250	263.7	105.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.9	99.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	990.3	99.0
b QC 1000	8	<input checked="" type="checkbox"/>	1000	980.2	98.0

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin

Last Calib Update

2/7/2018 3:35 PM

Analyst Name

ISP TOX

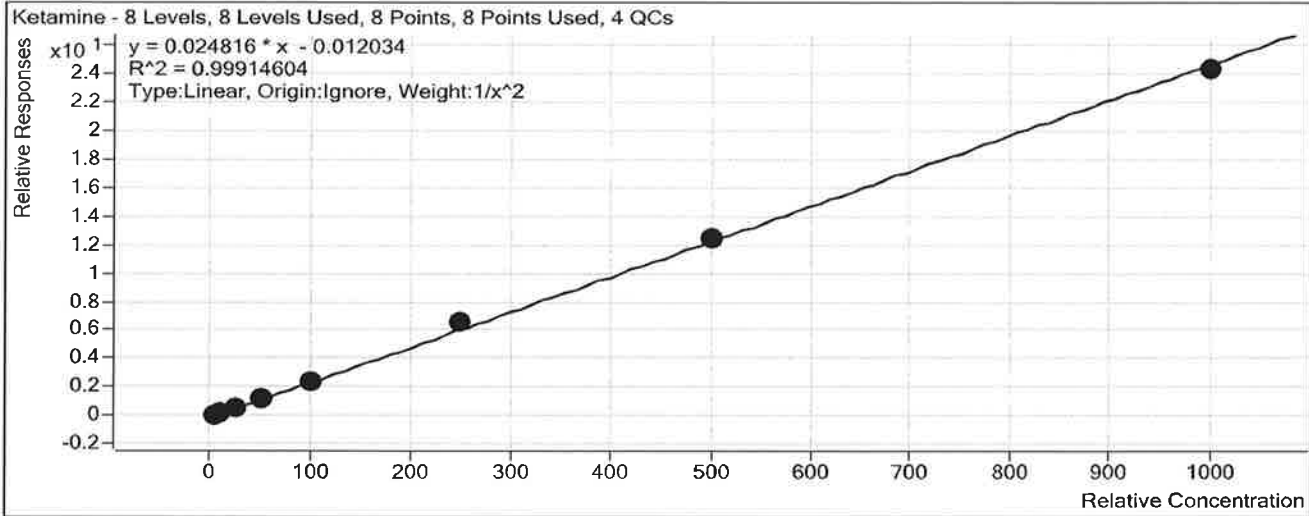
Target Compound

Ketamine

Internal Standard

Ketamine-D4

P



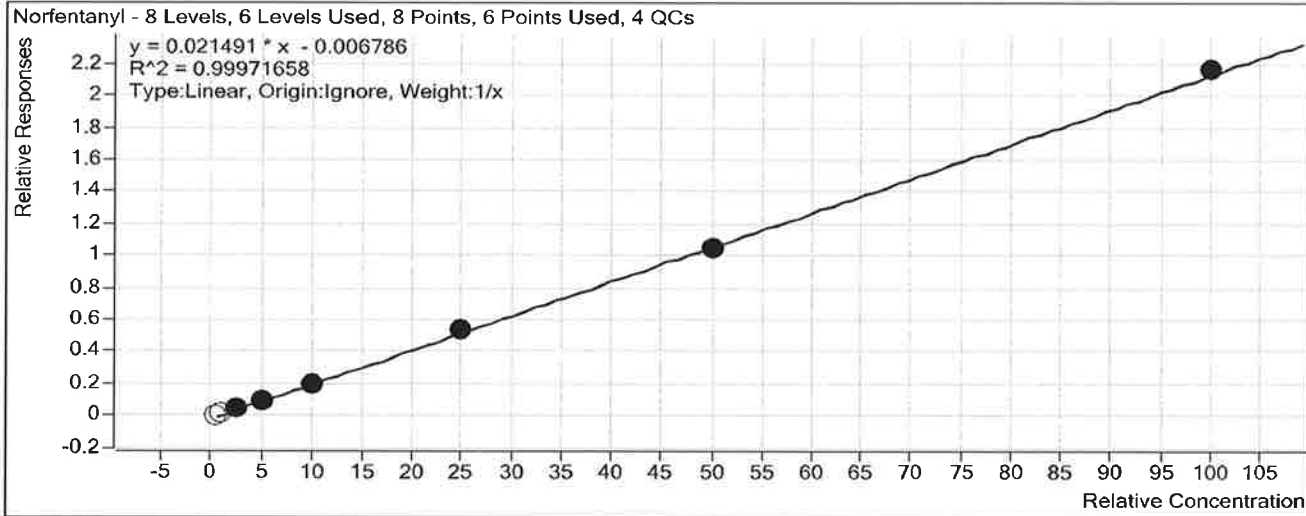
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.2
b QC 10	2	<input checked="" type="checkbox"/>	10	9.9	98.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.4	99.4
b QC 100	5	<input checked="" type="checkbox"/>	100	105.3	105.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.6	105.0
b QC 250	6	<input checked="" type="checkbox"/>	250	259.7	103.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.6	100.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	978.9	97.9
b QC 1000	8	<input checked="" type="checkbox"/>	1000	959.4	95.9

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

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

D



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	0.7	144.0
b cal 2-10ng	2	<input type="checkbox"/>	1	1.2	119.9
b QC 10	2	<input type="checkbox"/>	1	1.1	114.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.6	103.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.9	98.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.8	97.8
b QC 100	5	<input checked="" type="checkbox"/>	10	10.0	100.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.3	101.2
b QC 250	6	<input checked="" type="checkbox"/>	25	25.5	102.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.0	98.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	100.9	100.9
b QC 1000	8	<input checked="" type="checkbox"/>	100	105.6	105.6

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin

Last Calib Update

2/7/2018 3:35 PM

Analyst Name

ISP TOX

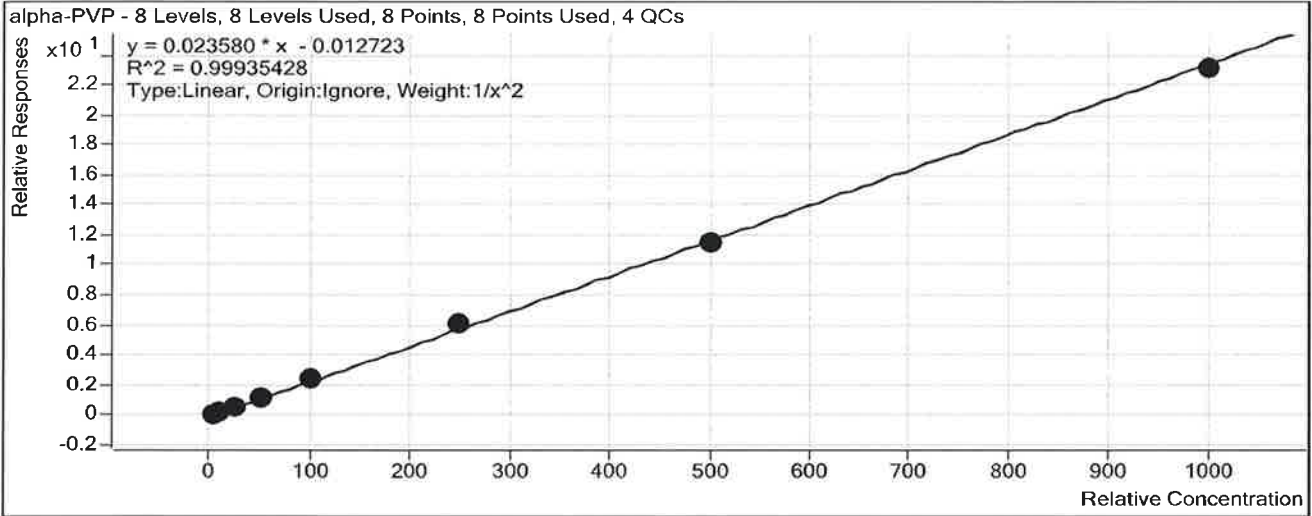
D

Target Compound

alpha-PVP

Internal Standard

alpha-PVP-d8



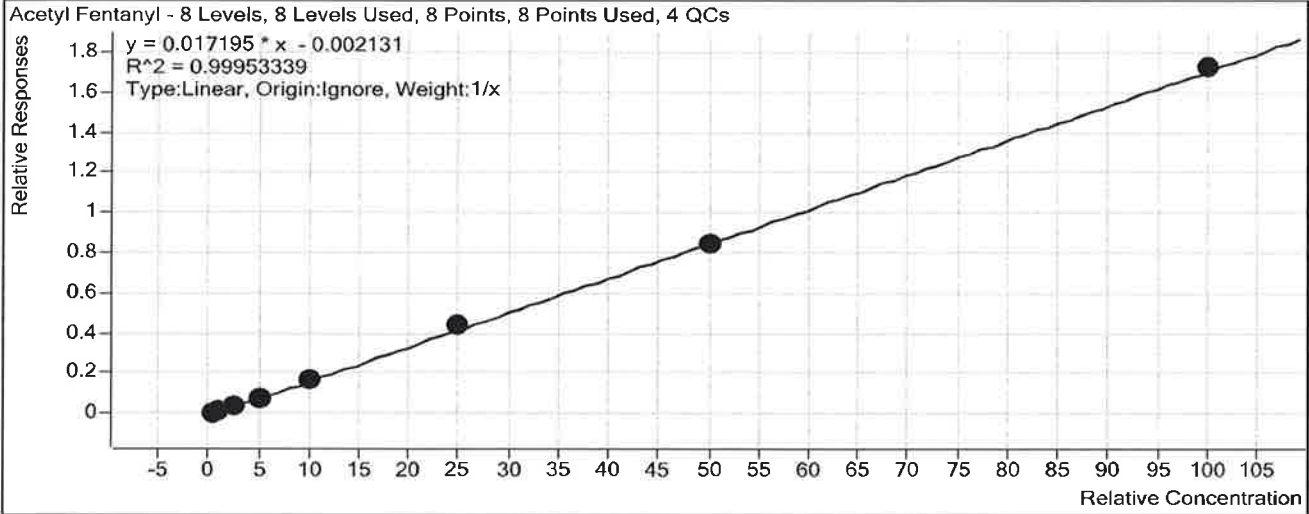
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.2
b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.7	99.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.0	103.0
b QC 100	5	<input checked="" type="checkbox"/>	100	91.7	91.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.7	102.7
b QC 250	6	<input checked="" type="checkbox"/>	250	257.6	103.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	485.8	97.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	978.6	97.9
b QC 1000	8	<input checked="" type="checkbox"/>	1000	988.0	98.8

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

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

S



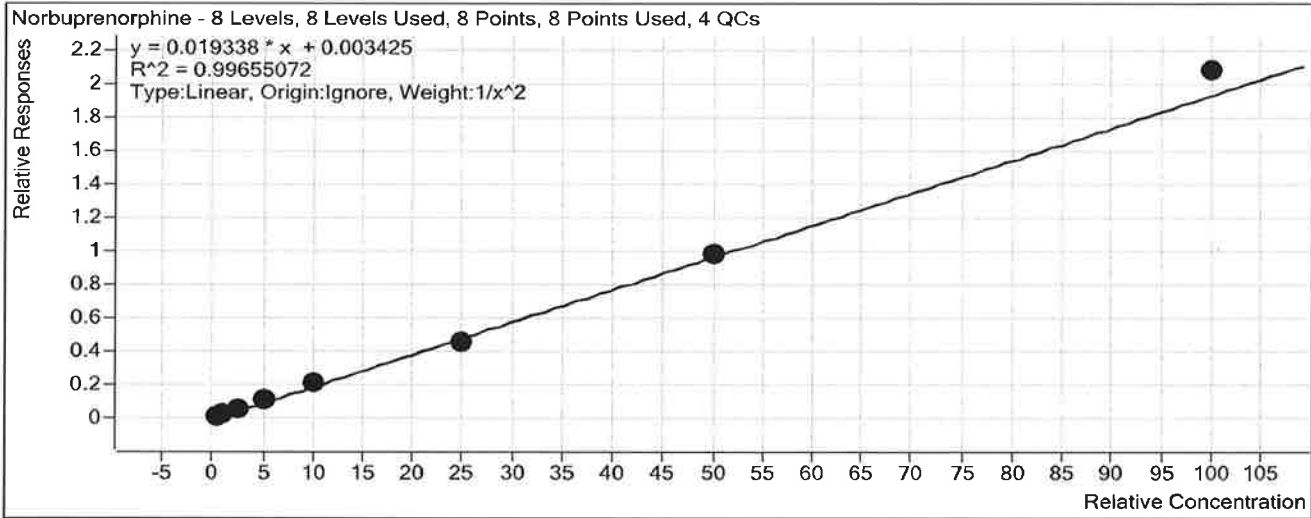
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	110.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	101.3
b QC 10	2	<input checked="" type="checkbox"/>	1	1.0	103.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	95.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.6	91.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.9	98.8
b QC 100	5	<input checked="" type="checkbox"/>	10	9.9	99.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.7	103.0
b QC 250	6	<input checked="" type="checkbox"/>	25	24.1	96.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.4	98.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	100.4	100.4
b QC 1000	8	<input checked="" type="checkbox"/>	100	91.8	91.8

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

Target Compound Norbuprenorphine
Internal Standard Norbuprenorphine-D3

S



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	102.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	95.2
b QC 10	2	<input type="checkbox"/>	1	1.0	100.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	96.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.1	101.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.4	104.1
b QC 100	5	<input checked="" type="checkbox"/>	10	10.7	106.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.0	92.0
b QC 250	6	<input checked="" type="checkbox"/>	25	25.5	102.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	50.4	100.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	107.1	107.1
b QC 1000	8	<input checked="" type="checkbox"/>	100	98.2	98.2

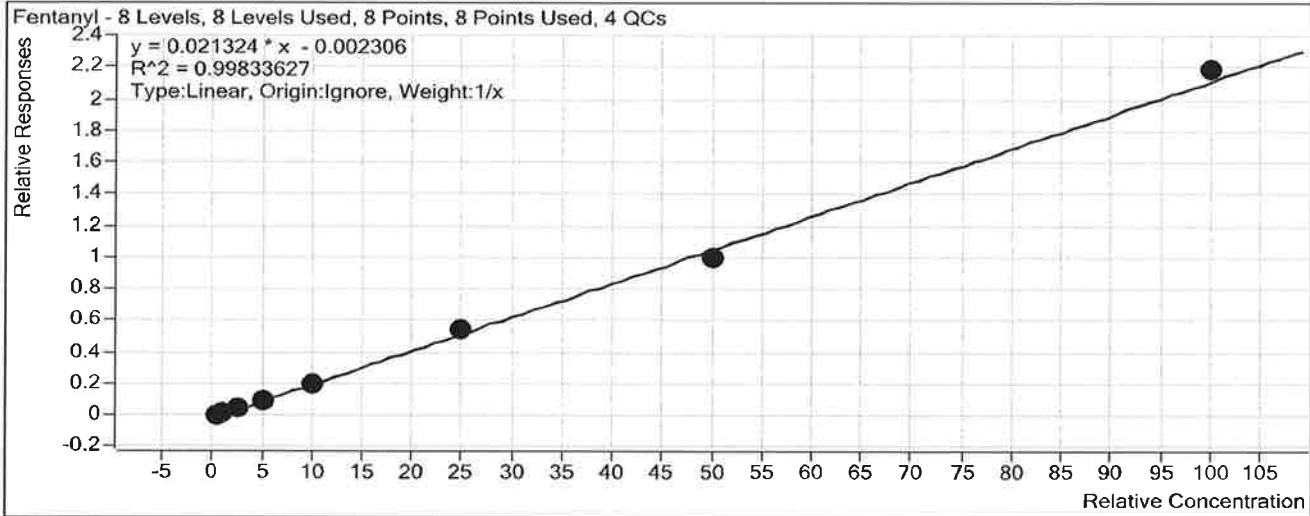
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin

Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

D

Target Compound Fentanyl
Internal Standard Fentanyl-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	109.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	102.5
b QC 10	2	<input checked="" type="checkbox"/>	1	1.0	101.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	95.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.8	96.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.6	95.9
b QC 100	5	<input checked="" type="checkbox"/>	10	9.9	99.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.9	103.5
b QC 250	6	<input checked="" type="checkbox"/>	25	23.5	94.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	47.2	94.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	102.6	102.6
b QC 1000	8	<input checked="" type="checkbox"/>	100	96.0	96.0

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin

Last Calib Update

2/7/2018 3:35 PM

Analyst Name

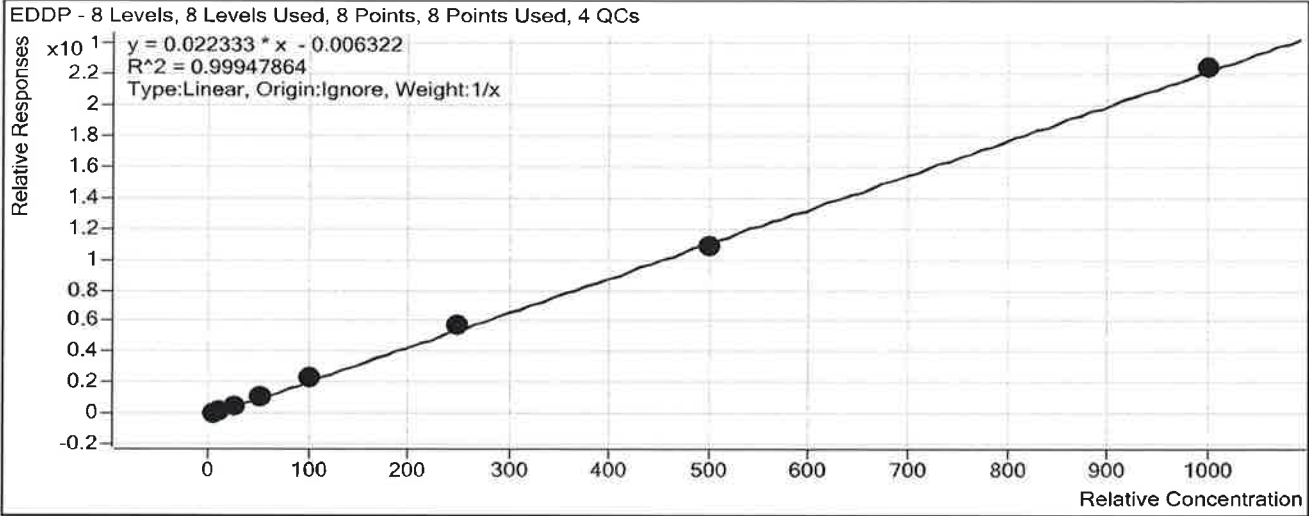
ISP TOX

Target Compound

EDDP

Internal Standard

EDDP-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	95.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.7	95.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.6	105.6
b QC 100	5	<input checked="" type="checkbox"/>	100	109.2	109.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.0	102.4
b QC 250	6	<input checked="" type="checkbox"/>	250	272.2	108.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	488.4	97.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1003.2	100.3
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1160.1	116.0

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin

Last Calib Update

2/7/2018 3:35 PM

Analyst Name

ISP TOX

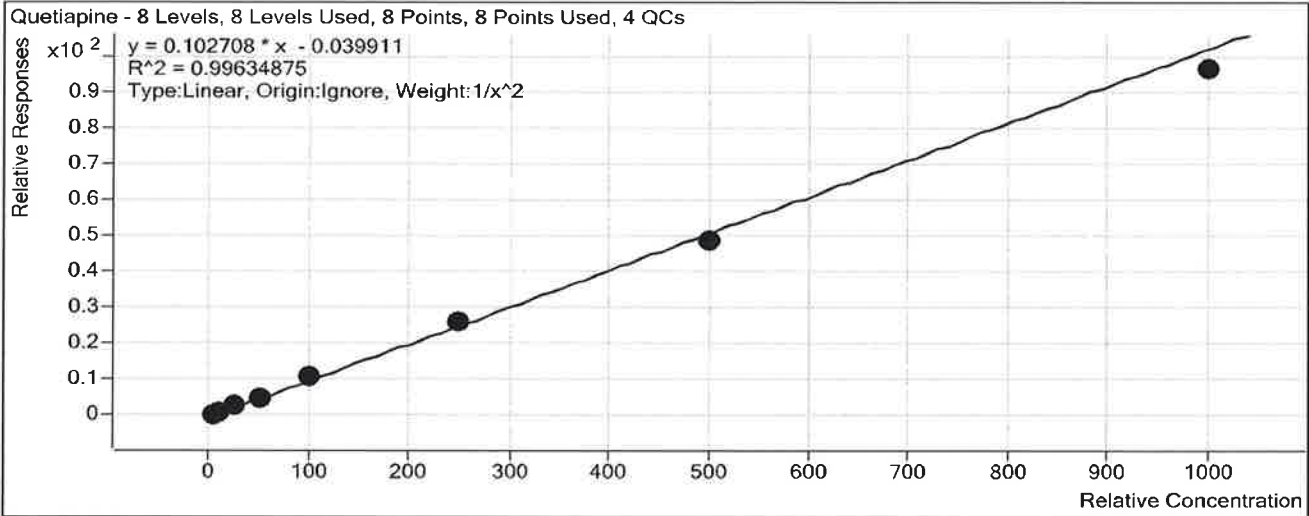
D

Target Compound

Quetiapine

Internal Standard

Quetiapine-D8



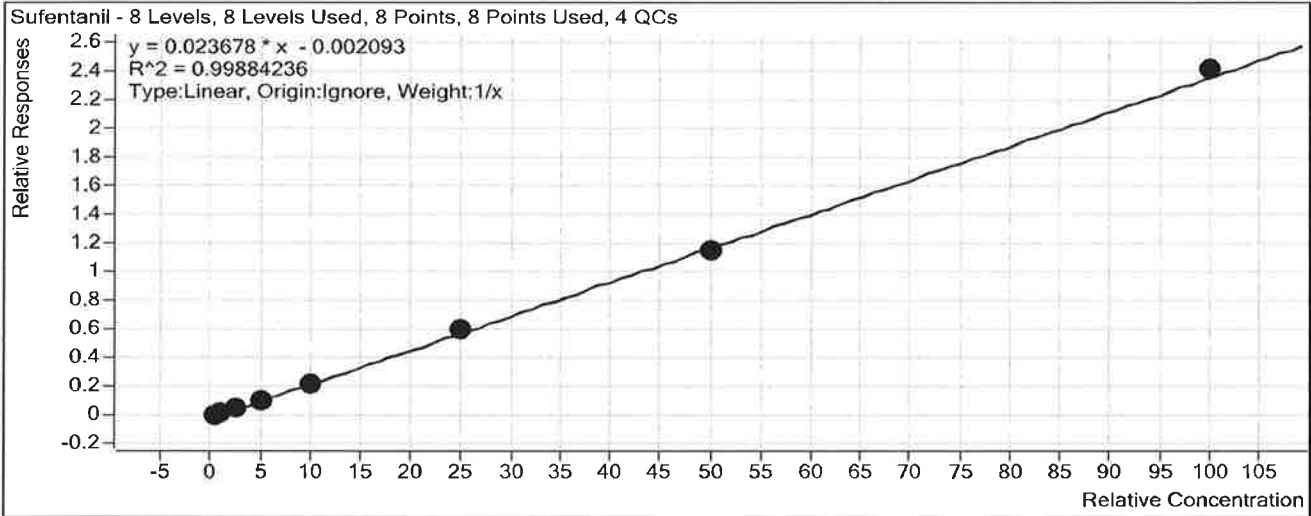
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	96.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	106.7
b QC 10	2	<input checked="" type="checkbox"/>	10	11.3	112.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.3	107.3
b QC 100	5	<input checked="" type="checkbox"/>	100	119.4	119.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	257.7	103.1
b QC 250	6	<input checked="" type="checkbox"/>	250	263.9	105.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	476.0	95.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	938.0	93.8
b QC 1000	8	<input checked="" type="checkbox"/>	1000	921.8	92.2

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

P

Target Compound Sufentanil
Internal Standard Sufentanil-D5



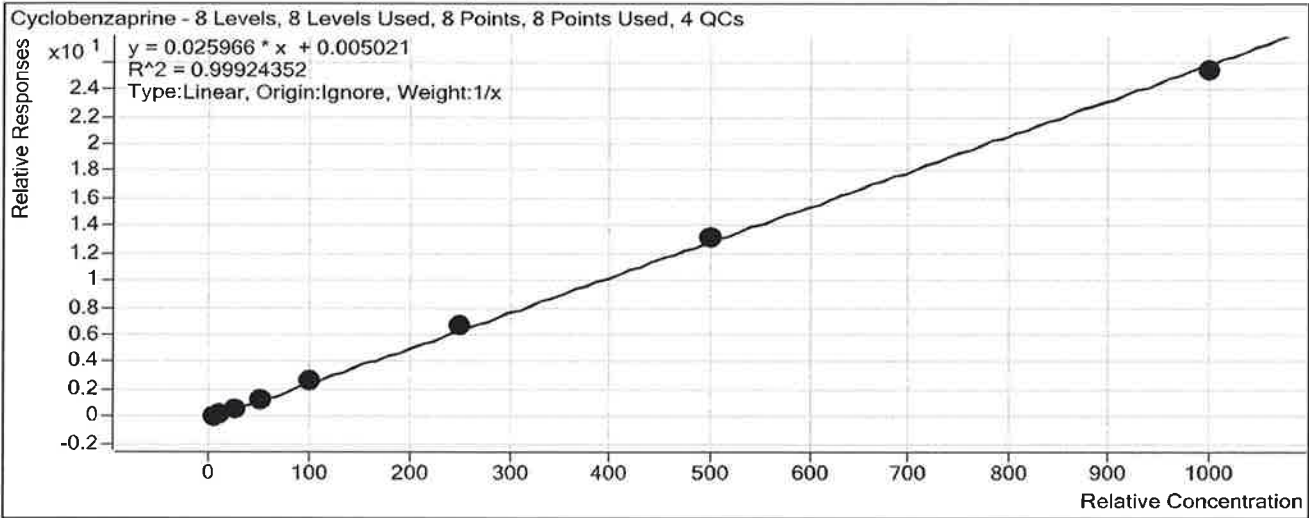
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	119.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	101.5
b QC 10	2	<input checked="" type="checkbox"/>	1	1.0	99.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	90.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	94.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.1	91.3
b QC 100	5	<input checked="" type="checkbox"/>	10	9.6	96.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.7	102.7
b QC 250	6	<input checked="" type="checkbox"/>	25	26.1	104.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	48.9	97.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	101.7	101.7
b QC 1000	8	<input checked="" type="checkbox"/>	100	93.6	93.6

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

D

Target Compound Cyclobenzaprine
Internal Standard Cyclobenzaprine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	91.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.1
b QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	99.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.3	102.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.2	103.2
b QC 100	5	<input checked="" type="checkbox"/>	100	117.9	117.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.2	104.1
b QC 250	6	<input checked="" type="checkbox"/>	250	287.8	115.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.7	101.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	976.3	97.6
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1010.7	101.1

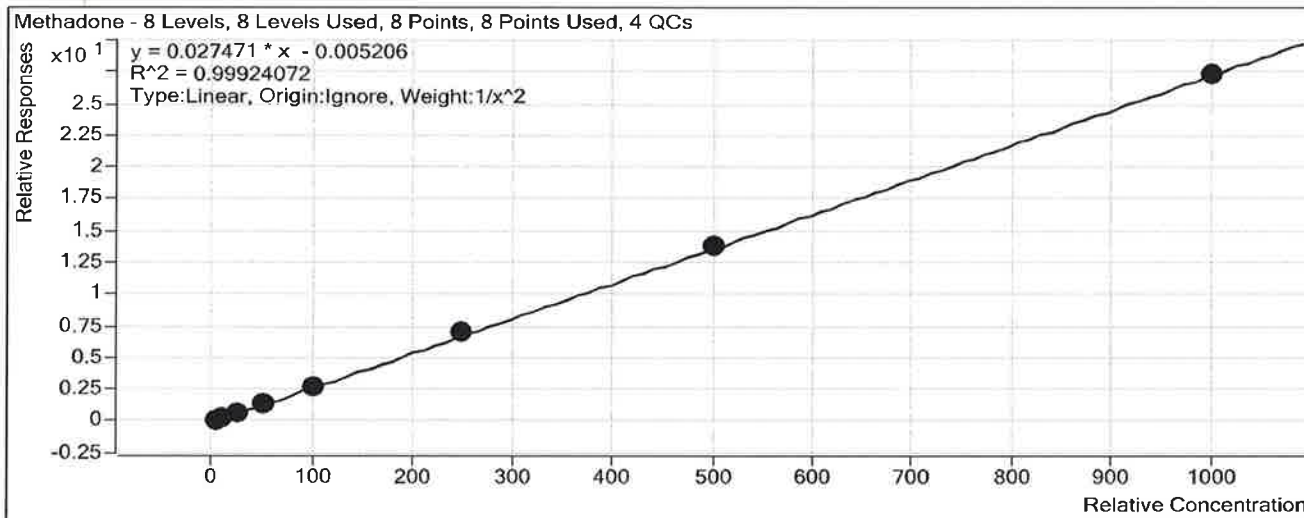
ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin

Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

P

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

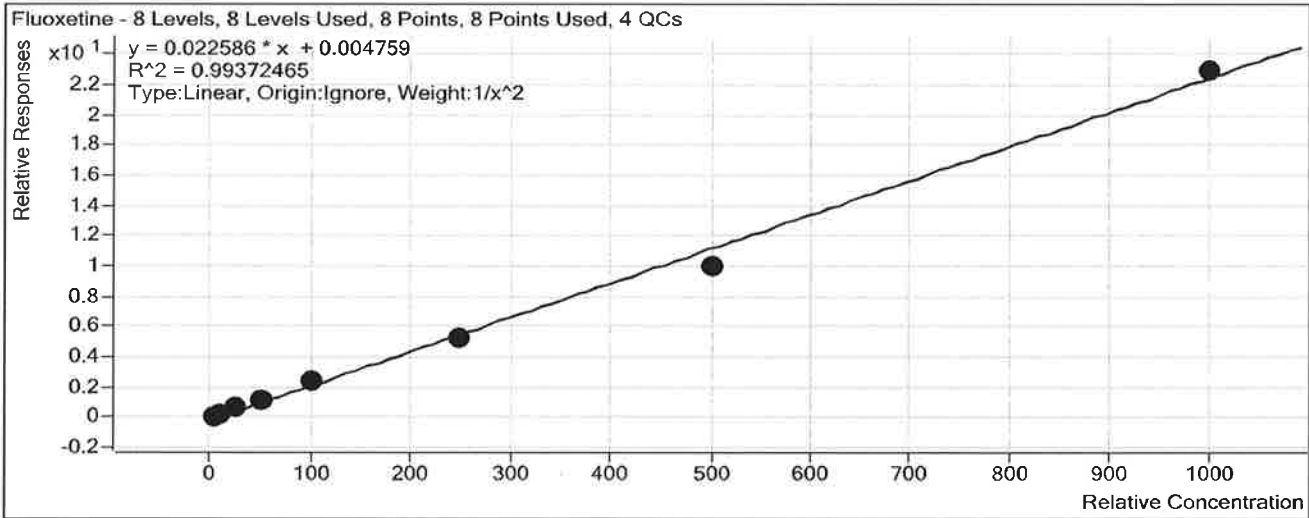


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.3	100.3
b QC 100	5	<input checked="" type="checkbox"/>	100	108.5	108.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.5	101.8
b QC 250	6	<input checked="" type="checkbox"/>	250	238.7	95.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.9	100.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	994.6	99.5
b QC 1000	8	<input checked="" type="checkbox"/>	1000	896.1	89.6

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

Target Compound Fluoxetine
Internal Standard Fluoxetine-D6



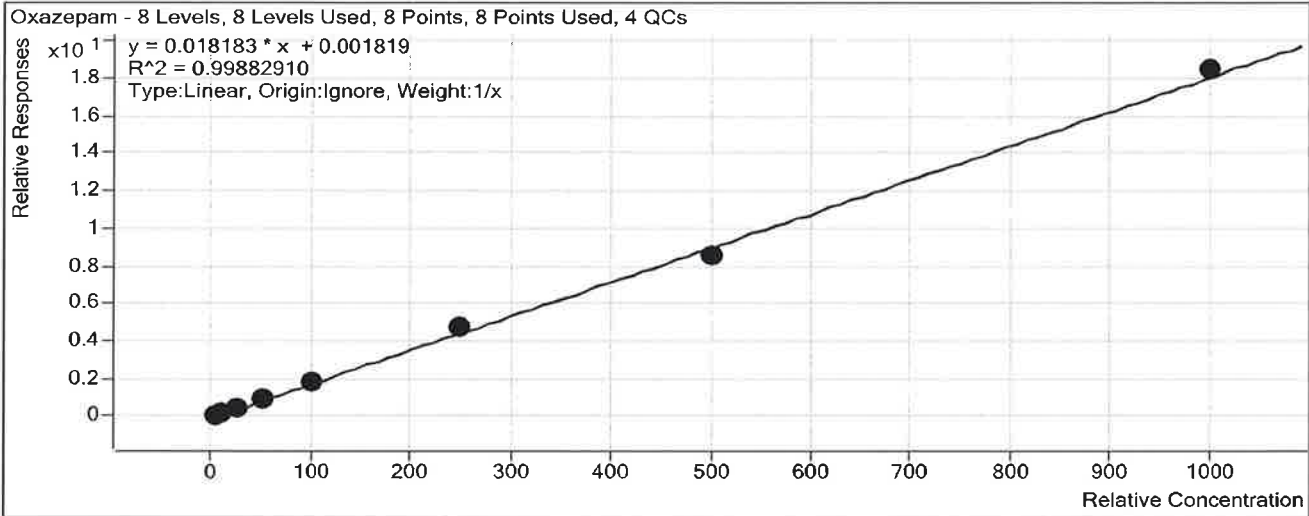
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	96.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.0
b QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.6	106.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.5	103.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.7	107.7
b QC 100	5	<input checked="" type="checkbox"/>	100	114.1	114.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	233.7	93.5
b QC 250	6	<input checked="" type="checkbox"/>	250	264.1	105.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	439.1	87.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1012.4	101.2
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1015.3	101.5

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

D

Target Compound Oxazepam
Internal Standard Oxazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.6
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	96.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.7	103.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.8	99.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.6	98.6
b QC 100	5	<input checked="" type="checkbox"/>	100	108.2	108.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.5	104.2
b QC 250	6	<input checked="" type="checkbox"/>	250	261.2	104.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	474.4	94.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1015.8	101.6
b QC 1000	8	<input checked="" type="checkbox"/>	1000	984.0	98.4

ISP FORENSICS Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin

Last Calib Update

2/7/2018 3:35 PM

Analyst Name

ISP TOX

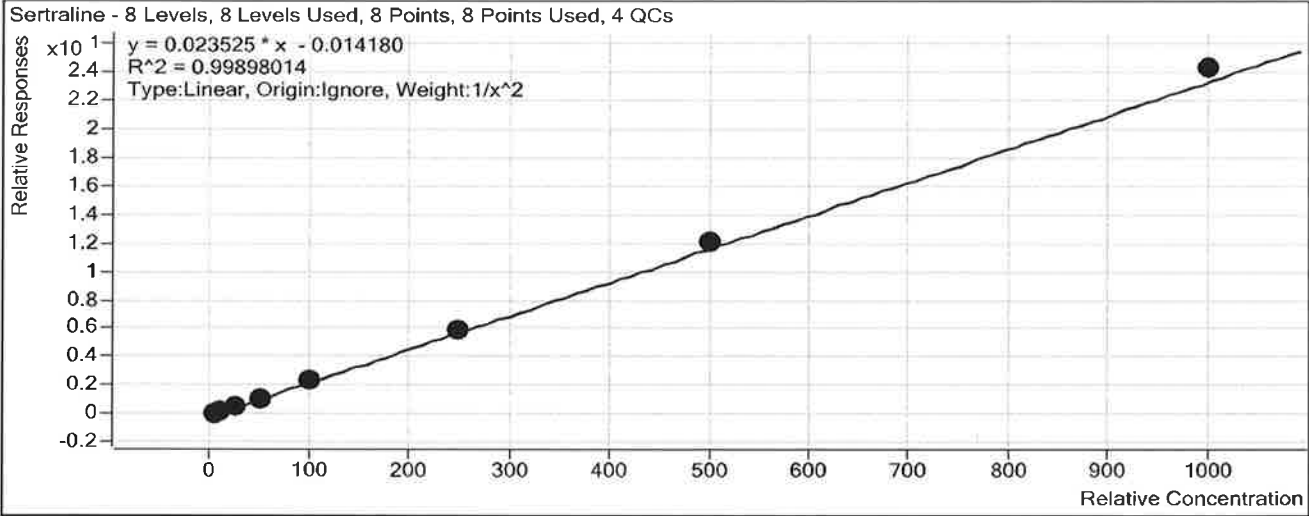
B

Target Compound

Sertraline

Internal Standard

Sertraline-D3



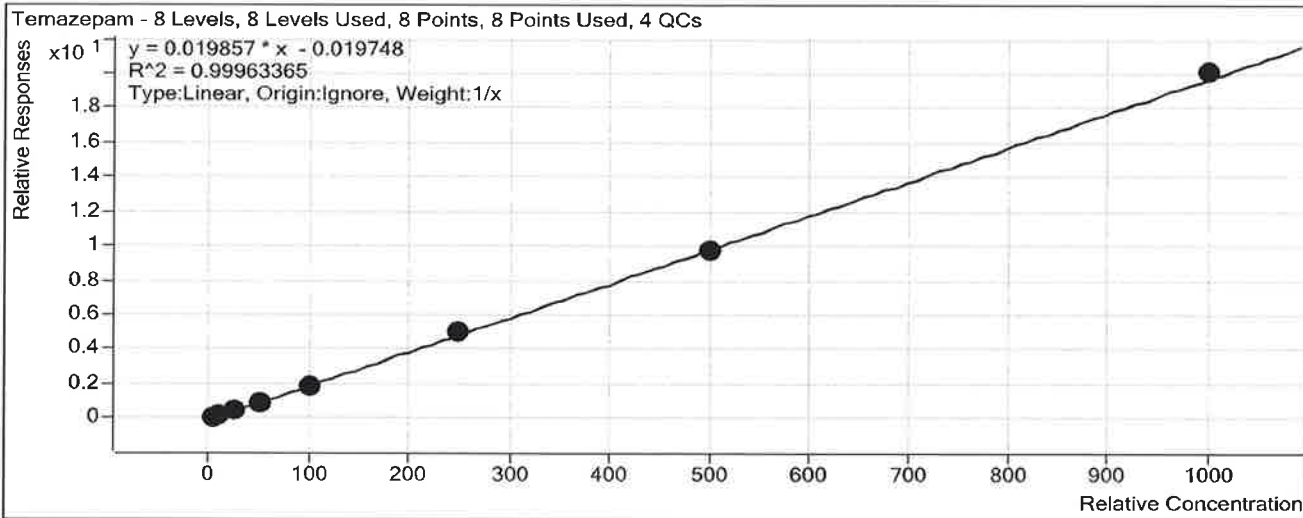
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.6
b QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.7	95.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.8	99.8
b QC 100	5	<input checked="" type="checkbox"/>	100	113.0	113.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.4	100.1
b QC 250	6	<input checked="" type="checkbox"/>	250	278.8	111.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	516.7	103.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1034.1	103.4
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1148.7	114.9

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

P

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



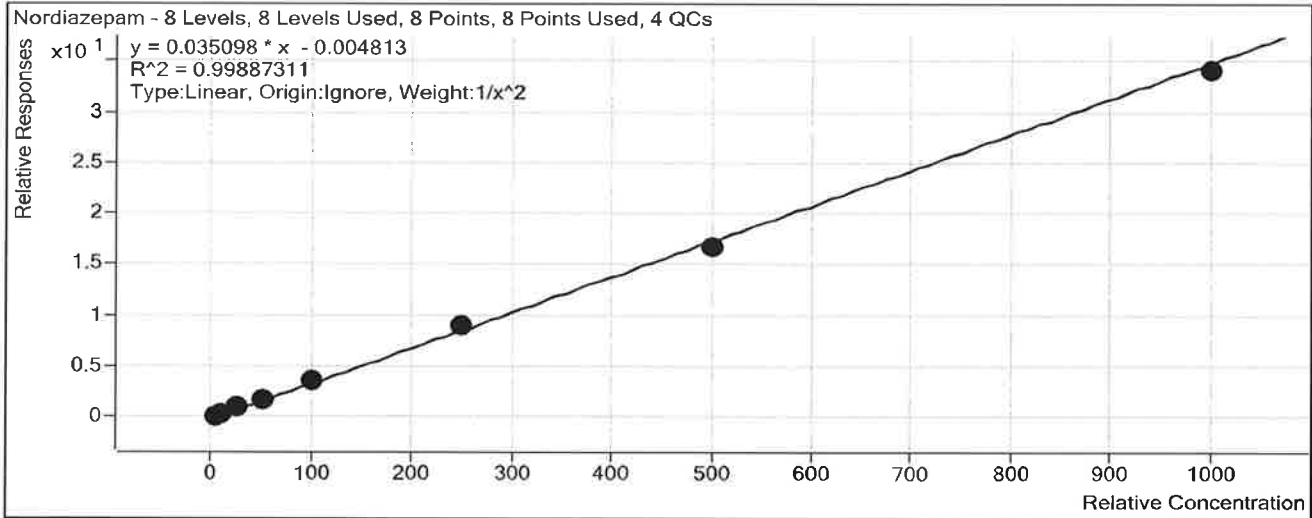
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.6	106.4
b QC 10	2	<input checked="" type="checkbox"/>	10	10.2	101.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.1	94.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.2	96.2
b QC 100	5	<input checked="" type="checkbox"/>	100	105.9	105.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.4	100.6
b QC 250	6	<input checked="" type="checkbox"/>	250	240.6	96.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	492.8	98.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1012.2	101.2
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1012.0	101.2

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

Target Compound Nordiazepam
Internal Standard Nordiazepam-D5

P



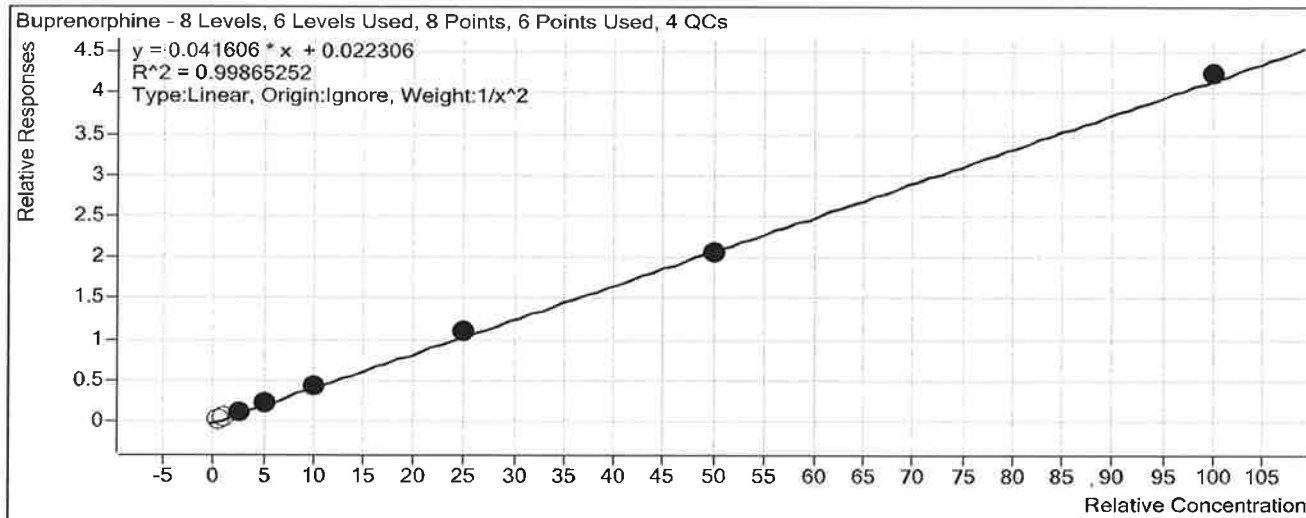
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.3
b QC 10	2	<input checked="" type="checkbox"/>	10	8.9	88.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.7	102.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.0	100.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.9	102.9
b QC 100	5	<input checked="" type="checkbox"/>	100	108.5	108.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.2	103.3
b QC 250	6	<input checked="" type="checkbox"/>	250	265.4	106.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	477.5	95.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	970.4	97.0
b QC 1000	8	<input checked="" type="checkbox"/>	1000	995.3	99.5

ISP FORENSICS Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

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

D



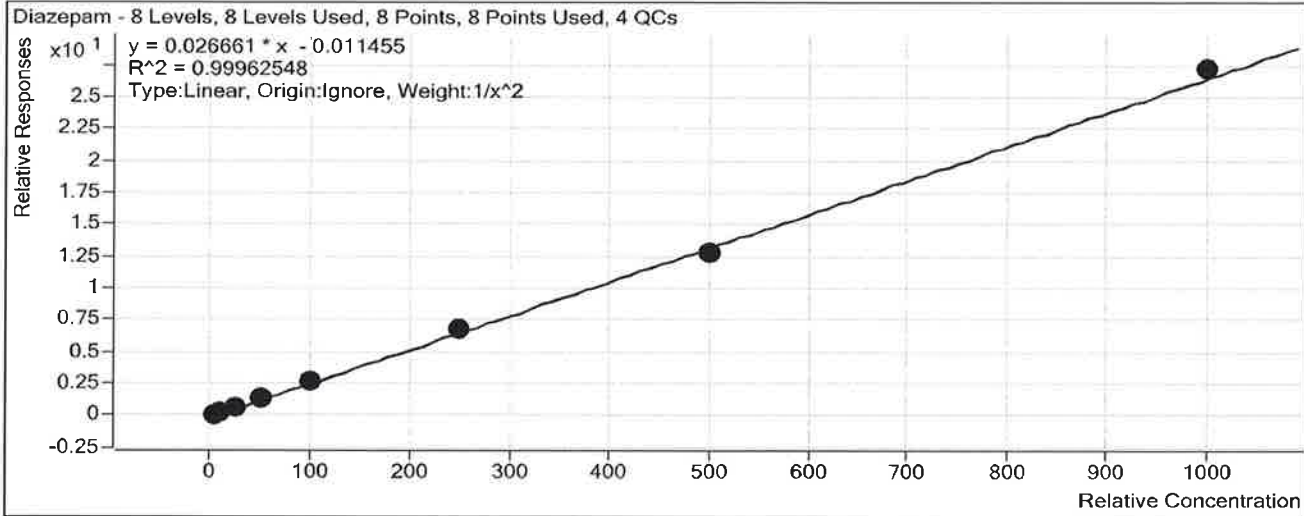
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	0.6	110.7
b cal 2-10ng	2	<input type="checkbox"/>	1	1.0	103.0
b QC 10	2	<input checked="" type="checkbox"/>	1	1.4	142.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	101.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.8	96.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.8	98.0
b QC 100	5	<input checked="" type="checkbox"/>	10	12.0	119.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	26.1	104.5
b QC 250	6	<input checked="" type="checkbox"/>	25	26.6	106.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	48.9	97.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	101.2	101.2
b QC 1000	8	<input checked="" type="checkbox"/>	100	104.8	104.8

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bin
Last Calib Update 2/7/2018 3:35 PM **Analyst Name** ISP TOX

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

A



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.9
b QC 10	2	<input checked="" type="checkbox"/>	10	10.6	105.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.2	98.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.1	101.1
b QC 100	5	<input checked="" type="checkbox"/>	100	107.3	107.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.4	101.4
b QC 250	6	<input checked="" type="checkbox"/>	250	258.7	103.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	484.2	96.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1020.1	102.0
b QC 1000	8	<input checked="" type="checkbox"/>	1000	998.8	99.9

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

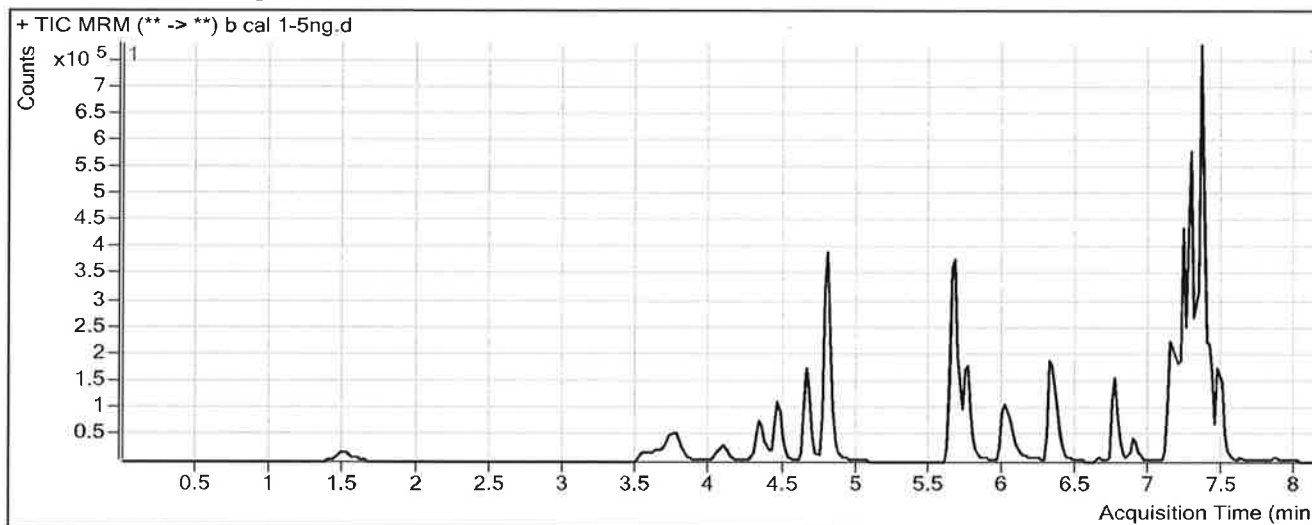
P

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bi		
Analysis Time	2/7/2018 3:35 PM	Analyst Name	ISPUser
Report Time	2/7/2018 3:40 PM	Reporter Name	ISPUser
Last Calib Update	2/7/2018 3:35 PM	Batch State	Processed

Analysis Info

Acq Time	2018-02-05 17:21	Data File	b cal 1-5ng.d
Sample Type	Calibration	Sample Name	b cal 1-5ng
Dilution	1	Acq Method	MD Quant Panel 1b 12-12-17.m
Position	P1-H12	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.508	19284	138209	0.1395	4.9542
Dihydrocodeine	Dihydrocodeine-D6	3.675	12995	153090	0.0849	4.9572
Naloxone	Naloxone-D5	3.811	26531	363113	0.0731	5.1649
Noroxycodone	Noroxycodone-D3	4.119	20725	148970	0.1391	4.8811
Naltrexone	Naltrexone-D3	4.351	29428	276785	0.1063	4.9675
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	5342	442280	0.0121	0.5077
Naltrexol	Naltrexol-D3	4.669	61509	510157	0.1206	4.3563
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	135488	1261033	0.1074	4.6995
Ketamine	Ketamine-D4	5.660	76461	685968	0.1115	4.9766
Norfentanyl	Norfentanyl-D5	5.703	6711	772832	0.0087	0.7198
alpha-PVP	alpha-PVP-d8	6.027	51519	486740	0.1058	5.0284
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	5510	744489	0.0074	0.5543
Norbuprenorphine	Norbuprenorphine-D3	6.652	221	16491	0.0134	0.5147
Fentanyl	Fentanyl-D5	6.780	4874	521414	0.0093	0.5465
EDDP	EDDP-D3	6.889	12173	116502	0.1045	4.9619
Quetiapine	Quetiapine-D8	7.138	101473	222699	0.4557	4.8250
Sufentanil	Sufentanil-D5	7.158	4496	371311	0.0121	0.5997
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	32639	263478	0.1239	4.5774
Methadone	Methadone-D9	7.222	111497	826728	0.1349	5.0989

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

Pb cal 1 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	94614	833807	0.1135	4.8133
Oxazepam	Oxazepam-D5	7.288	42452	483413	0.0878	4.7296
Sertraline	Sertraline-D3	7.345	42155	400427	0.1053	5.0777
Temazepam	Temazepam-D5	7.347	108863	1284295	0.0848	5.2632
Nordiazepam	Nordiazepam-D5	7.434	58301	341096	0.1709	5.0070
Buprenorphine	Buprenorphine-D4	7.496	9315	205474	0.0453	0.5535
Diazepam	Diazepam-D5	7.490	39030	320019	0.1220	5.0042

ISP FORENSICS - Pocatello Instrument # 59740

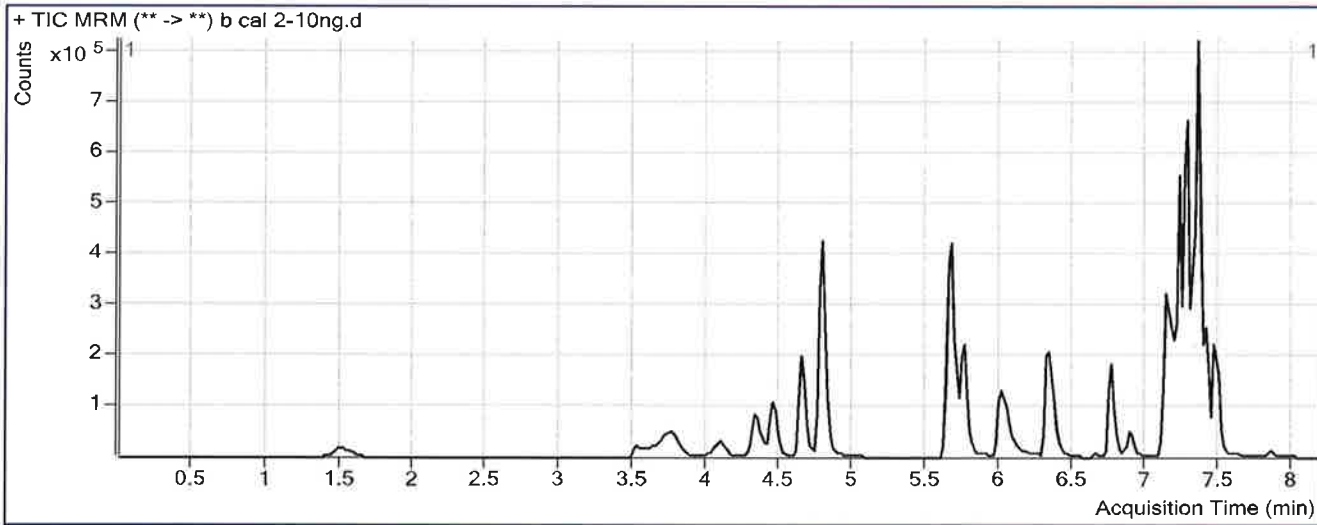
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 020518\QuantResults\MDQ Panel1b SP 020518.batch.bi
Analysis Time 2/7/2018 3:35 PM **Analyst Name** ISPUser
Report Time 2/7/2018 3:40 PM **Reporter Name** ISPUser
Last Calib Update 2/7/2018 3:35 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-05 17:53 **Data File** b cal 2-10ng.d
Sample Type Calibration **Sample Name** b cal 2-10ng
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-G12 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	39095	133578	0.2927	9.7187
Dihydrocodeine	Dihydrocodeine-D6	3.675	25947	150726	0.1721	9.4251
Naloxone	Naloxone-D5	3.811	54346	353717	0.1536	9.6822
Noroxycodone	Noroxycodone-D3	4.119	41146	142155	0.2894	9.8080
Naltrexone	Naltrexone-D3	4.351	58768	272250	0.2159	9.9100
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	11743	445696	0.0263	1.0052
Naltrexol	Naltrexol-D3	4.669	125855	507327	0.2481	9.5061
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	276336	1242810	0.2223	9.8184
Ketamine	Ketamine-D4	5.660	158421	655847	0.2416	10.2186
Norfentanyl	Norfentanyl-D5	5.703	15402	811214	0.0190	1.1992
alpha-PVP	alpha-PVP-d8	6.027	111330	508641	0.2189	9.8220
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	11884	777177	0.0153	1.0132
Norbuprenorphine	Norbuprenorphine-D3	6.672	437	20029	0.0218	0.9517
Fentanyl	Fentanyl-D5	6.760	11363	581422	0.0195	1.0246
EDDP	EDDP-D3	6.889	29676	130904	0.2267	10.4343
Quetiapine	Quetiapine-D8	7.138	254144	240785	1.0555	10.6651
Sufentanil	Sufentanil-D5	7.158	8798	400947	0.0219	1.0150
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	75826	286161	0.2650	10.0112
Methadone	Methadone-D9	7.222	247616	965427	0.2565	9.5261

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *Pib cal 2*

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	227492	949382	0.2396	10.3985
Oxazepam	Oxazepam-D5	7.288	81703	429553	0.1902	10.3607
Sertraline	Sertraline-D3	7.325	96053	440905	0.2179	9.8632
Temazepam	Temazepam-D5	7.347	211887	1106564	0.1915	10.6373
Nordiazepam	Nordiazepam-D5	7.434	116598	342802	0.3401	9.8280
Buprenorphine	Buprenorphine-D4	7.436	14249	218649	0.0652	1.0302
Diazepam	Diazepam-D5	7.470	80219	314695	0.2549	9.9910

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

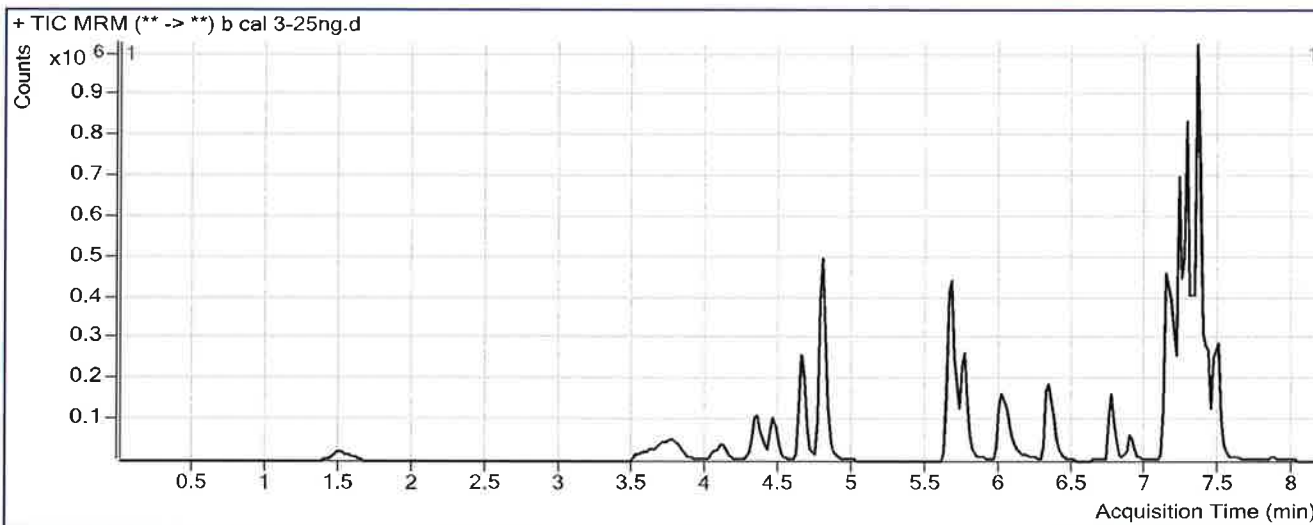
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Analysis Info

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Sample Type	Calibration	Sample Name	b cal 3-25ng
Dilution	1	Acq Method	MD Quant Panel 1b 12-12-17.m
Position	P1-F12	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.508	93976	119711	0.7850	25.0355
Dihydrocodeine	Dihydrocodeine-D6	3.695	62628	133164	0.4703	24.6918
Naloxone	Naloxone-D5	3.811	127602	313600	0.4069	23.8800
Noroxycodone	Noroxycodone-D3	4.119	97731	129058	0.7573	25.1418
Naltrexone	Naltrexone-D3	4.351	143374	250277	0.5729	26.0179
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	26559	412938	0.0643	2.3289
Naltrexol	Naltrexol-D3	4.649	301826	467949	0.6450	25.5371
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	640474	1115386	0.5742	25.4937
Ketamine	Ketamine-D4	5.660	366613	618556	0.5927	24.3684
Norfentanyl	Norfentanyl-D5	5.703	36124	738681	0.0489	2.5913
alpha-PVP	alpha-PVP-d8	6.027	261199	447921	0.5831	25.2699
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	27492	704312	0.0390	2.3940
Norbuprenorphine	Norbuprenorphine-D3	6.652	829	16639	0.0498	2.4006
Fentanyl	Fentanyl-D5	6.760	24302	499216	0.0487	2.3911
EDDP	EDDP-D3	6.889	61896	118138	0.5239	23.7433
Quetiapine	Quetiapine-D8	7.138	551497	216378	2.5488	25.2044
Sufentanil	Sufentanil-D5	7.158	18309	354871	0.0516	2.2673
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	173203	267507	0.6475	24.7416
Methadone	Methadone-D9	7.222	567290	811214	0.6993	25.6460

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

Plb cal 3 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	497753	821225	0.6061	26.6249
Oxazepam	Oxazepam-D5	7.288	181229	385596	0.4700	25.7484
Sertraline	Sertraline-D3	7.345	227279	405282	0.5608	24.4405
Temazepam	Temazepam-D5	7.367	509414	1094442	0.4655	24.4344
Nordiazepam	Nordiazepam-D5	7.434	269292	299980	0.8977	25.7138
Buprenorphine	Buprenorphine-D4	7.436	25051	195620	0.1281	2.5418
Diazepam	Diazepam-D5	7.490	190649	290143	0.6571	25.0761

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

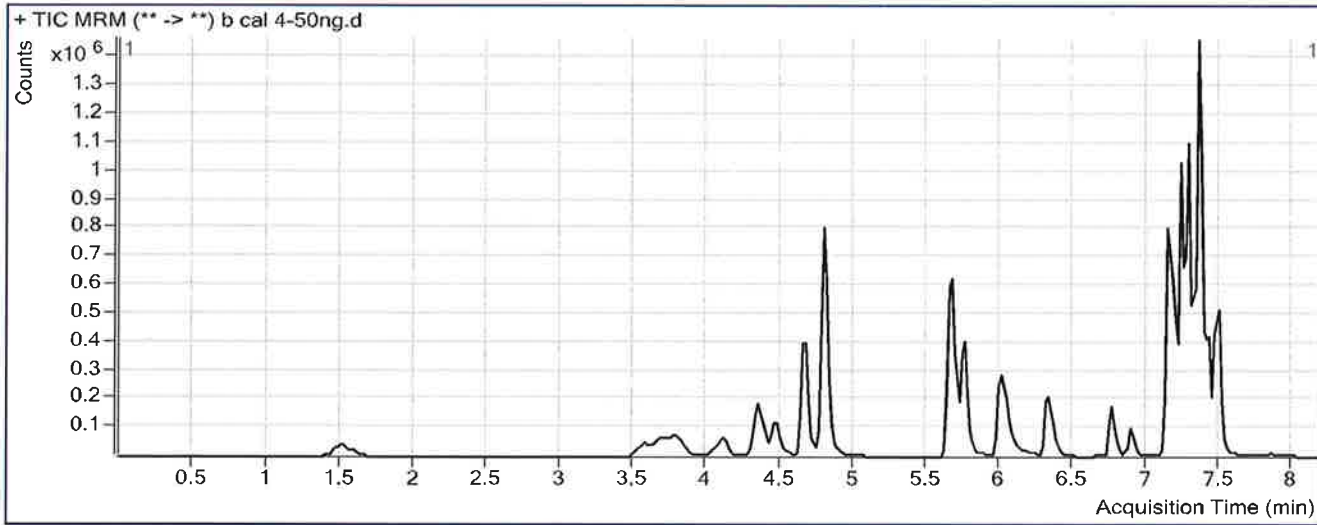
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Analysis Info

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Sample Type	Calibration	Sample Name	b cal 4-50ng
Dilution	1	Acq Method	MD Quant Panel 1b 12-12-17.m
Position	P1-E12	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	200996	132242	1.5199	47.8977
Dihydrocodeine	Dihydrocodeine-D6	3.577	146141	154335	0.9469	49.0948
Naloxone	Naloxone-D5	3.831	281199	349325	0.8050	46.1973
Noroxycodone	Noroxycodone-D3	4.119	211798	142254	1.4889	49.1216
Naltrexone	Naltrexone-D3	4.351	306870	275509	1.1138	50.4263
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	62749	464357	0.1351	4.7977
Naltrexol	Naltrexol-D3	4.669	679408	530048	1.2818	51.2558
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	1466717	1299675	1.1285	50.1875
Ketamine	Ketamine-D4	5.660	823373	682553	1.2063	49.0952
Norfentanyl	Norfentanyl-D5	5.703	80283	810792	0.0990	4.9232
alpha-PVP	alpha-PVP-d8	6.027	566331	488544	1.1592	49.7012
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	54858	720783	0.0761	4.5501
Norbuprenorphine	Norbuprenorphine-D3	6.672	1782	17478	0.1020	5.0958
Fentanyl	Fentanyl-D5	6.760	51291	510983	0.1004	4.8154
EDDP	EDDP-D3	6.889	133335	125849	1.0595	47.7239
Quetiapine	Quetiapine-D8	7.138	1109627	225454	4.9217	48.3085
Sufentanil	Sufentanil-D5	7.158	38840	354292	0.1096	4.7183
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	352143	263557	1.3361	51.2624
Methadone	Methadone-D9	7.222	1104868	822233	1.3437	49.1048

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

Pib cal 4 B

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	966431	827130	1.1684	51.5210
Oxazepam	Oxazepam-D5	7.288	302259	333412	0.9066	49.7580
Sertraline	Sertraline-D3	7.345	434150	392085	1.1073	47.6706
Temazepam	Temazepam-D5	7.347	1097949	1200347	0.9147	47.0575
Nordiazepam	Nordiazepam-D5	7.434	545975	312051	1.7496	49.9867
Buprenorphine	Buprenorphine-D4	7.436	43465	194119	0.2239	4.8454
Diazepam	Diazepam-D5	7.490	423746	325930	1.3001	49.1951

ISP FORENSICS - Pocatello Instrument # 59740

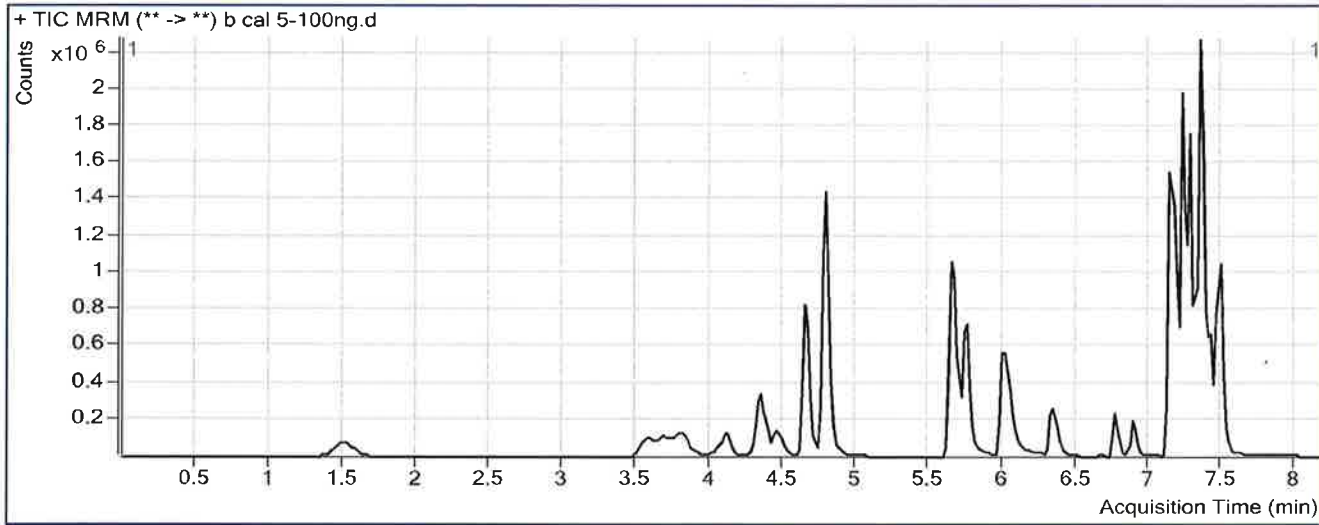
Multi-Drug Confirmatory Analysis Report

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Report Time 2/7/2018 3:40 PM **Reporter Name** ISUser
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Analysis Info

Acq Time 2018-02-05 19:28 **Data File** b cal 5-100ng.d
Sample Type Calibration **Sample Name** b cal 5-100ng
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-D12 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.508	488283	149748	3.2607	102.0532
Dihydrocodeine	Dihydrocodeine-D6	3.577	361807	176742	2.0471	105.4269
Naloxone	Naloxone-D5	3.811	652703	382824	1.7050	96.6529
Noroxycodone	Noroxycodone-D3	4.119	482743	155321	3.1080	102.1927
Naltrexone	Naltrexone-D3	4.351	686575	297614	2.3069	104.2592
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.503	142616	515719	0.2765	9.7277
Naltrexol	Naltrexol-D3	4.649	1640389	612243	2.6793	107.6995
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	3493837	1514008	2.3077	102.7170
Ketamine	Ketamine-D4	5.660	1979590	806710	2.4539	99.3689
Norfentanyl	Norfentanyl-D5	5.703	182196	896060	0.2033	9.7769
alpha-PVP	alpha-PVP-d8	6.027	1378772	570448	2.4170	103.0426
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	128964	768994	0.1677	9.8769
Norbuprenorphine	Norbuprenorphine-D3	6.672	3596	17571	0.2046	10.4052
Fentanyl	Fentanyl-D5	6.760	113561	561931	0.2021	9.5854
EDDP	EDDP-D3	6.889	329529	140084	2.3524	105.6163
Quetiapine	Quetiapine-D8	7.138	2734901	248979	10.9845	107.3375
Sufentanil	Sufentanil-D5	7.158	85177	397787	0.2141	9.1316
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	799677	297867	2.6847	103.1974
Methadone	Methadone-D9	7.222	2617492	951542	2.7508	100.3245

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

PIB cal 5 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	2143801	879704	2.4370	107.6860
Oxazepam	Oxazepam-D5	7.288	449022	250187	1.7947	98.6054
Sertraline	Sertraline-D3	7.345	978318	419171	2.3339	99.8125
Temazepam	Temazepam-D5	7.367	2165550	1146004	1.8897	96.1555
Nordiazepam	Nordiazepam-D5	7.434	1044530	289491	3.6082	102.9386
Buprenorphine	Buprenorphine-D4	7.436	96259	223771	0.4302	9.8028
Diazepam	Diazepam-D5	7.490	974064	362919	2.6840	101.1017

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

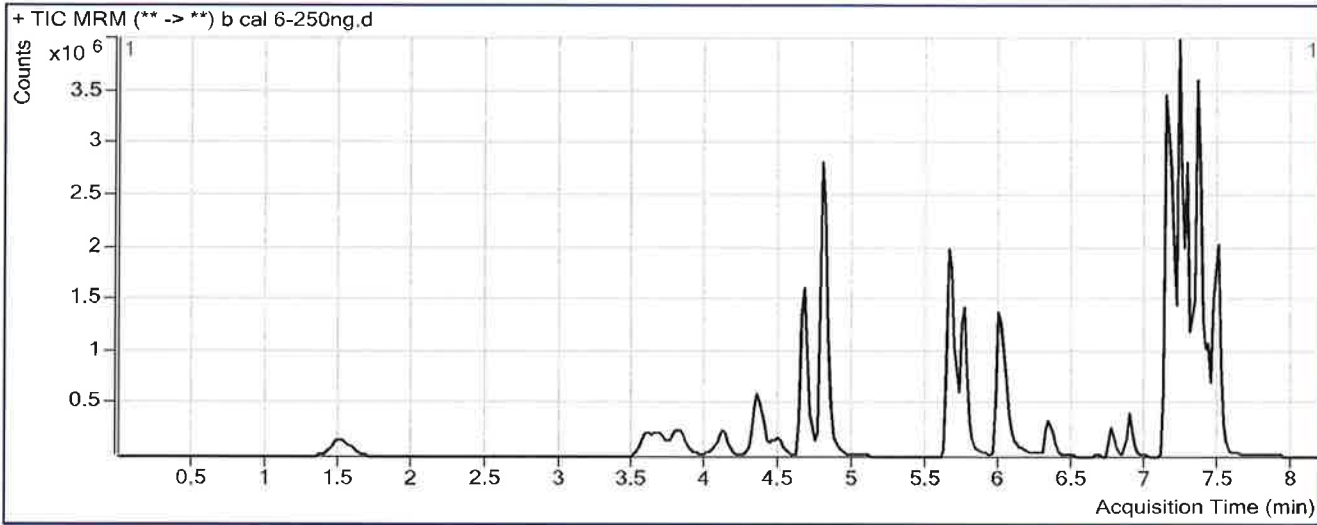
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Analysis Info

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Sample Type	Calibration	Sample Name	b cal 6-250ng
Dilution	1	Acq Method	MD Quant Panel 1b 12-12-17.m
Position	P1-C12	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.508	1162284	134712	8.6279	269.0257
Dihydrocodeine	Dihydrocodeine-D6	3.595	899728	174729	5.1493	264.2661
Naloxone	Naloxone-D5	3.811	1460710	322940	4.5232	254.6468
Noroxycodone	Noroxycodone-D3	4.119	1069160	134784	7.9324	260.3213
Naltrexone	Naltrexone-D3	4.351	1422140	249446	5.7012	257.4090
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	352434	481311	0.7322	25.6151
Naltrexol	Naltrexol-D3	4.669	3761351	561070	6.7039	270.2452
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	8434063	1434302	5.8803	261.8709
Ketamine	Ketamine-D4	5.660	4966945	763571	6.5049	262.6097
Norfentanyl	Norfentanyl-D5	5.703	439869	819139	0.5370	25.3023
alpha-PVP	alpha-PVP-d8	6.007	3403768	563566	6.0397	256.6782
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	314327	713518	0.4405	25.7434
Norbuprenorphine	Norbuprenorphine-D3	6.672	8056	17975	0.4482	22.9998
Fentanyl	Fentanyl-D5	6.760	273455	497562	0.5496	25.8818
EDDP	EDDP-D3	6.889	762810	133590	5.7101	255.9665
Quetiapine	Quetiapine-D8	7.138	6227354	235665	26.4246	257.6683
Sufentanil	Sufentanil-D5	7.158	211840	349661	0.6058	25.6749
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	1873910	277158	6.7612	260.1883
Methadone	Methadone-D9	7.222	5937641	849859	6.9866	254.5184

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

Ab cal b P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	3727689	705708	5.2822	233.6595
Oxazepam	Oxazepam-D5	7.288	634690	133919	4.7393	260.5486
Sertraline	Sertraline-D3	7.345	2006158	341419	5.8759	250.3738
Temazepam	Temazepam-D5	7.367	4158094	836136	4.9730	251.4290
Nordiazepam	Nordiazepam-D5	7.434	1885783	208214	9.0569	258.1821
Buprenorphine	Buprenorphine-D4	7.436	213322	192291	1.1094	26.1274
Diazepam	Diazepam-D5	7.490	2164510	320955	6.7440	253.3864

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

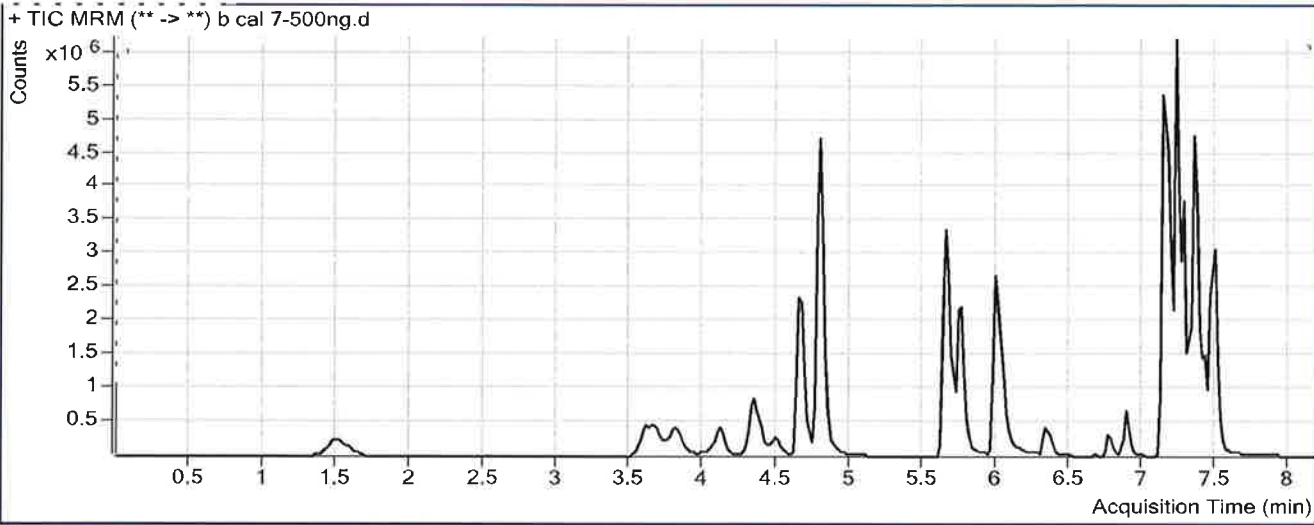


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Analysis Info

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Sample Type Calibration **Sample Name** b cal 7-500ng
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-B12 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.508	1941623	120961	16.0516	499.9777
Dihydrocodeine	Dihydrocodeine-D6	3.675	1631333	166258	9.8121	503.0136
Naloxone	Naloxone-D5	3.811	2384453	262199	9.0940	510.9002
Noroxycodone	Noroxycodone-D3	4.119	1761669	114839	15.3403	503.1302
Naltrexone	Naltrexone-D3	4.351	2153454	201676	10.6778	481.9542
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.503	662957	449249	1.4757	51.5350
Naltrexol	Naltrexol-D3	4.649	6216571	499484	12.4460	502.1582
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	15329845	1379705	11.1110	494.8918
Ketamine	Ketamine-D4	5.660	8810851	708516	12.4356	501.5985
Norfentanyl	Norfentanyl-D5	5.703	769081	735053	1.0463	49.0007
alpha-PVP	alpha-PVP-d8	6.007	6323565	552670	11.4419	485.7795
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	531256	626423	0.8481	49.4446
Norbuprenorphine	Norbuprenorphine-D3	6.672	13663	13965	0.9784	50.4184
Fentanyl	Fentanyl-D5	6.780	424977	423656	1.0031	47.1505
EDDP	EDDP-D3	6.889	1309980	120174	10.9007	488.3890
Quetiapine	Quetiapine-D8	7.138	10105287	206849	48.8535	476.0443
Sufentanil	Sufentanil-D5	7.158	336338	291084	1.1555	48.8870
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	2787300	210503	13.2412	509.7418
Methadone	Methadone-D9	7.222	9427203	684003	13.7824	501.8999

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *Plb cal 7*

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	5313083	535466	9.9224	439.1031
Oxazepam	Oxazepam-D5	7.288	827301	95884	8.6281	474.4184
Sertraline	Sertraline-D3	7.345	2843214	234177	12.1413	516.6983
Temazepam	Temazepam-D5	7.367	6132480	627925	9.7663	492.8136
Nordiazepam	Nordiazepam-D5	7.434	2701140	161221	16.7543	477.4903
Buprenorphine	Buprenorphine-D4	7.436	335774	163406	2.0548	48.8516
Diazepam	Diazepam-D5	7.490	3484717	270174	12.8980	484.2175

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

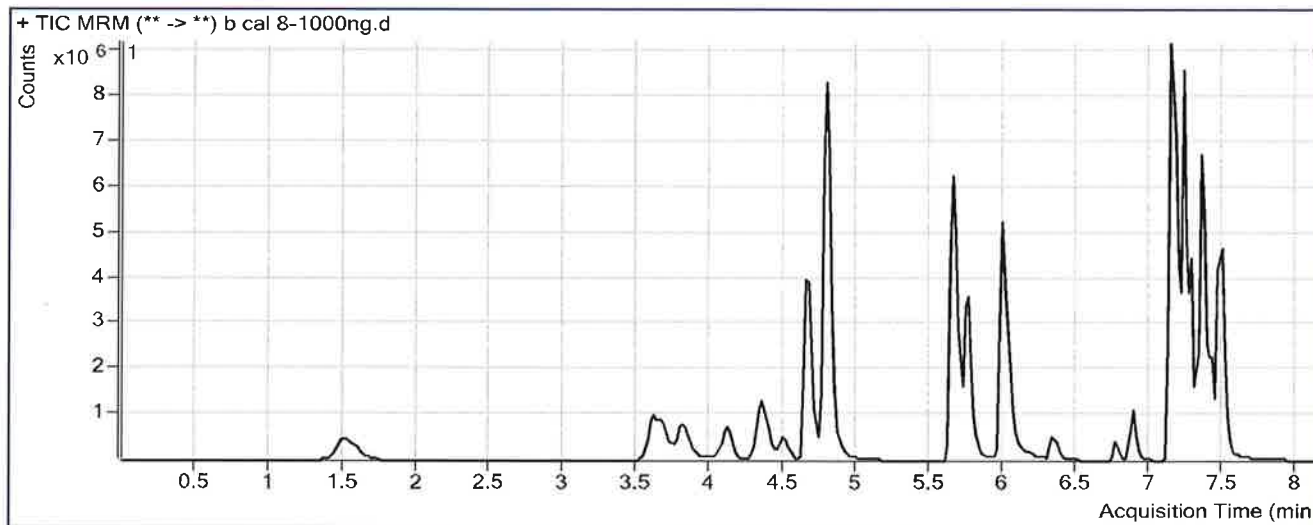
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Analysis Info

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Dilution	1	Acq Method	MD Quant Panel 1b 12-12-17.m
Position	P1-A12	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.508	3800984	120572	31.5246	981.3374
Dihydrocodeine	Dihydrocodeine-D6	3.615	3417916	178849	19.1107	979.1243
Naloxone	Naloxone-D5	3.811	4247205	214188	19.8293	1112.7422
Noroxycodone	Noroxycodone-D3	4.119	3181315	105853	30.0541	985.4033
Naltrexone	Naltrexone-D3	4.351	3500693	169847	20.6108	930.1319
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.503	1381763	454733	3.0386	106.0243
Naltrexol	Naltrexol-D3	4.669	11543112	480746	24.0108	969.2418
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	30867438	1388422	22.2320	990.3212
Ketamine	Ketamine-D4	5.660	18889929	778024	24.2794	978.8606
Norfentanyl	Norfentanyl-D5	5.703	1395389	645479	2.1618	100.9056
alpha-PVP	alpha-PVP-d8	6.007	12054717	522694	23.0627	978.6086
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	815011	472561	1.7247	100.4235
Norbuprenorphine	Norbuprenorphine-D3	6.672	17376	8379	2.0739	107.0698
Fentanyl	Fentanyl-D5	6.760	613141	280536	2.1856	102.6046
EDDP	EDDP-D3	6.889	2232097	99660	22.3970	1003.1647
Quetiapine	Quetiapine-D8	7.138	17221318	178829	96.3005	938.0061
Sufentanil	Sufentanil-D5	7.158	471417	195923	2.4061	101.7062
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	3787317	149369	25.3554	976.2800
Methadone	Methadone-D9	7.222	12740963	466429	27.3160	994.5530

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

Pib cal 8 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	6993202	305777	22.8703	1012.3741
Oxazepam	Oxazepam-D5	7.288	1359906	73618	18.4726	1015.8310
Sertraline	Sertraline-D3	7.345	3217088	132318	24.3132	1034.0959
Temazepam	Temazepam-D5	7.347	10165641	506254	20.0801	1012.2095
Nordiazepam	Nordiazepam-D5	7.434	4113030	120774	34.0557	970.4311
Buprenorphine	Buprenorphine-D4	7.436	408707	96577	4.2319	101.1774
Diazepam	Diazepam-D5	7.490	6040641	222203	27.1853	1020.1119