

TRIS

12/21/2017

Worklist: 2082

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2017-4204	1	102578	AM 28 Blood Multi-Drug Quant	
M2017-4215	1	102579	AM 28 Blood Multi-Drug Quant	
M2017-4216	1	102580	AM 28 Blood Multi-Drug Quant	
M2017-4244	1	102581	AM 28 Blood Multi-Drug Quant	
P2017-2273	1	102582	AM 28 Blood Multi-Drug Quant	
P2017-2288	1	102583	AM 28 Blood Multi-Drug Quant	
P2017-2307	1	102584	AM 28 Blood Multi-Drug Quant	
P2017-2333	1	102585	AM 28 Blood Multi-Drug Quant	
P2017-2334	1	102586	AM 28 Blood Multi-Drug Quant	
P2017-2356	1	102587	AM 28 Blood Multi-Drug Quant	
P2017-2367	1	102588	AM 28 Blood Multi-Drug Quant	
P2017-2368	1	102589	AM 28 Blood Multi-Drug Quant	
P2017-2384	1	102590	AM 28 Blood Multi-Drug Quant	
P2017-2396	1	102591	AM 28 Blood Multi-Drug Quant	
P2017-2402	1	102592	AM 28 Blood Multi-Drug Quant	
P2017-2460	1	102577	AM 28 Blood Multi-Drug Quant	

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

Extraction Date: 12/15/17 TS
12/14/17
Plate lot#: 0498367

Analyst: Tamara Salazar
Plate Expiration: 26 Jan 2018

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

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

Blank Blood Lot: Hemostat 361331-2 **Column:** Agilent 120 EC-C18 (2.1x 100-4um)
LCMS-QQQ ID:

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID: #3** in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 067105*
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 067104
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 067103
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Create batch and process data. *C:\MassHunter\Data\2017\MDQuant\12-15-17 Panel 1 TS*
Worklist path: _____ Batch Name: MDQ Panel 1a 121517 TS. batch.bin
- 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 and secondary transitions > 10 .
- 5. Did all QCs pass for each analyte? Y (N) ~~Lorazepam 250, Alprazolam 100 and TS~~
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: Curve Ranges Limited:

Lorazepam	5-250
Norhydrocodone	10-1000
Buprenorphine	0.5-50
Nor diazepam	10-1000
Sufentanil	1-100

TNS

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

06/12/18

TNS

Drug	Lot	Expiration
Trazodone	FN12151403	1/1/2020
Ketamine	FE01131504	1/1/2020
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~~

By: TNS

06/12/18

TNS

ISP FORENSICS - Pocatello Instrument # 59740

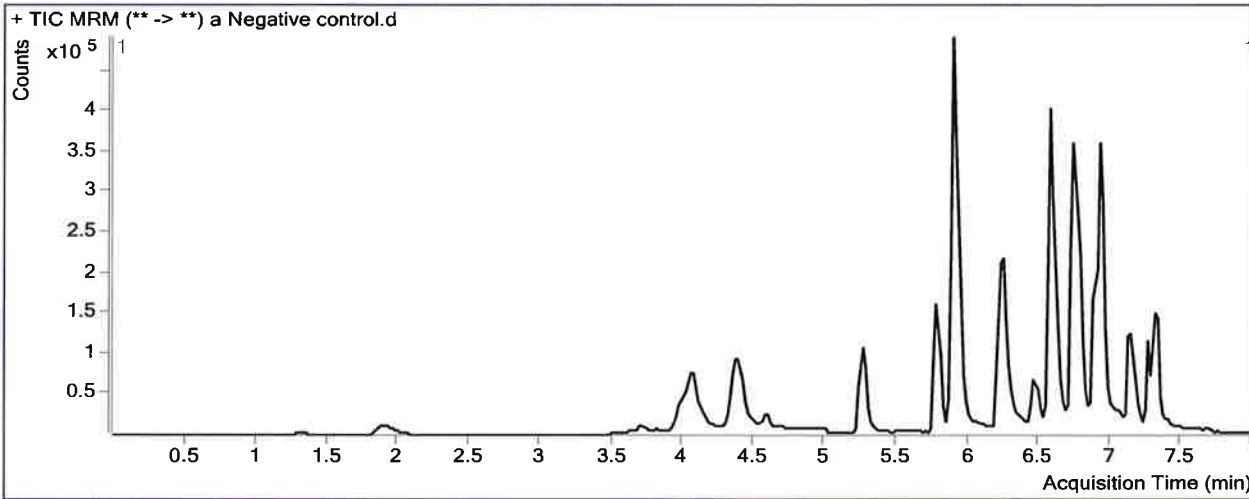
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517 TS.batch.bin
Analysis Time 12/21/2017 8:35 AM **Analyst Name** ISPUser
Report Time 12/21/2017 8:44 AM **Reporter Name** ISPUser
Last Calib Update 12/21/2017 8:35 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 22:55 **Data File** a Negative control.d
Sample Type Sample **Sample Name** a Negative control
Dilution 1 **Acq Method** MD Quant Panel 1a 12-12-17.m
Position P1-C11 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Tramadol	Tramadol-13C-D3	5.917	0	1492394	0.0000	0.0000

TNS

ISP FORENSICS - Pocatello Instrument # 59740

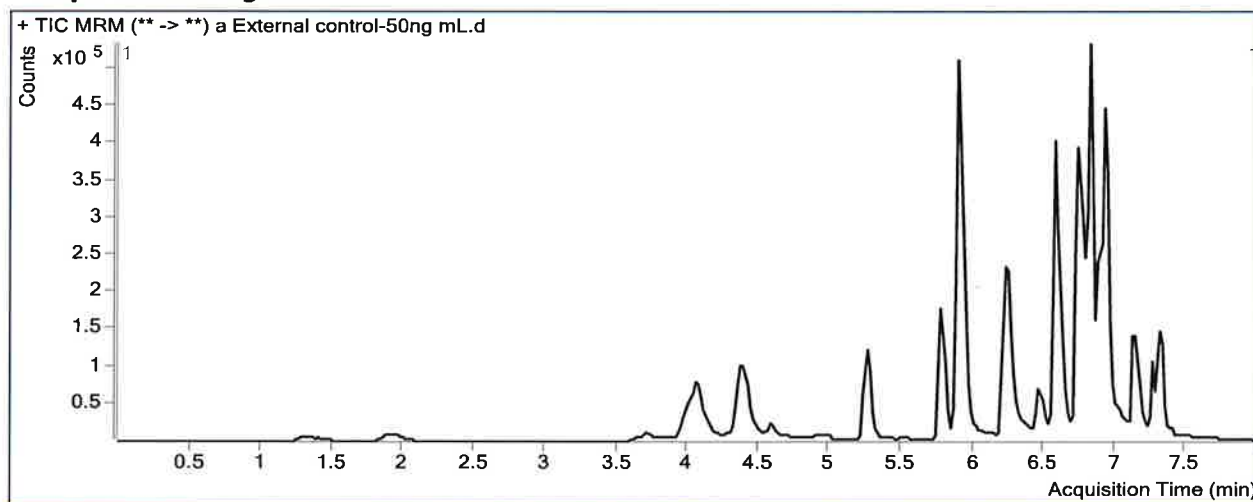
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517 TS.batch.bin
Analysis Time 12/21/2017 8:35 AM **Analyst Name** ISPUser
Report Time 12/21/2017 8:44 AM **Reporter Name** ISPUser
Last Calib Update 12/21/2017 8:35 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 23:27 **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 12-12-17.m
Position P1-B11 **Sample Info**
Inj Vol -1 **Comment** AM 28; WS121217 50 ng trazodone, ketamine, morphine, quetiapine

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	26998	16817	1.6054	43.7484
Phentermine	Phentermine-D5	5.281	0	466726	0.0000	0.0000
Tramadol	Tramadol-13C-D3	5.917	0	1394597	0.0000	0.0000
Trazodone	Trazodone-D6	6.814	725424	488756	1.4842	49.0220

ISP FORENSICS - Pocatello Instrument # 59740

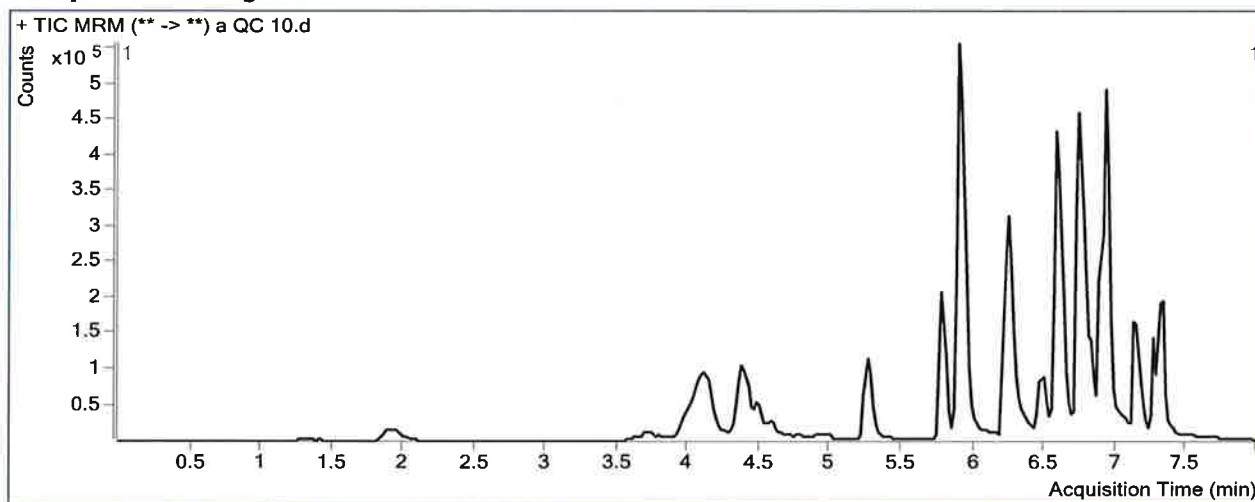
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517 TS.batch.bin		
Analysis Time	12/21/2017 8:35 AM	Analyst Name	ISPUser
Report Time	12/21/2017 8:45 AM	Reporter Name	ISPUser
Last Calib Update	12/21/2017 8:35 AM	Batch State	Processed

Analysis Info

Acq Time	2017-12-15 23:58	Data File	a QC 10.d
Sample Type	QC	Sample Name	a QC 10
Dilution	1	Acq Method	MD Quant Panel 1a 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
Morphine	Morphine-D6	1.308	5001	14380	0.3478	9.2266
Hydromorphone	Hydromorphone-D6	1.949	25495	85644	0.2977	9.9226
Codeine	Codeine-D6	3.752	11250	42818	0.2627	10.2744
Oxycodone	Oxycodone-D6	4.106	78657	295919	0.2658	10.1169
Amphetamine	Amphetamine-D11	4.143	205415	212326	0.9675	11.2639
Hydrocodone	Hydrocodone-D6	4.391	31048	178224	0.1742	10.2717
Norhydrocodone	Norhydrocodone-D3	4.435	898	39822	0.0226	11.8773
Methamphetamine	Methamphetamine-D11	4.500	139010	316548	0.4391	9.0982
6-MAM	6-MAM-D6	4.587	1288	47289	0.0272	1.1802
Phentermine	Phentermine-D5	5.303	51621	419866	0.1229	9.4586
Dextroprphan	Dextroprphan-D3	5.781	55169	463751	0.1190	10.0371
7-aminoclonazepam	7-Aminoclonazepam-D4	5.890	55582	198945	0.2794	9.7978
Tramadol	Tramadol-13C-D3	5.917	328678	1453013	0.2262	9.0824
Doxylamine	Doxylamine-D5	6.260	252923	934537	0.2706	11.7024
Bupropion	Bupropion-D9	6.488	52825	205031	0.2576	8.4744
Meprobamate	Meprobamate-D7	6.571	12859	46213	0.2783	9.3373
Zolpidem	Zolpidem-D6	6.596	243166	1290850	0.1884	9.4209
Venlafaxine	Venlafaxine-D6	6.742	265528	1046249	0.2538	9.9028
Trazodone	Trazodone-D6	6.814	124316	417860	0.2975	9.8723
Citalopram	Citalopram-D6	6.876	96524	412846	0.2338	10.4742

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

TNS

a QC10

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	35737	123277	0.2899	10.6817
Diphenhydramine	Diphenhydramine-D3	6.930	175182	857378	0.2043	10.4913
Promethazine	Promethazine-D3	7.147	98672	377932	0.2611	10.0413
Clonazepam	Clonazepam-D4	7.182	15017	16285	0.9221	9.7604
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	5911	23777	0.2486	11.0605
Carisoprodol	Carisoprodol-D7	7.272	50309	190604	0.2639	10.1610
Lorazepam	Alprazolam-D5	7.302	4986	327487	0.0152	9.5376
Alprazolam	Alprazolam-D5	7.326	101078	327487	0.3086	9.0812

TNS

ISP FORENSICS - Pocatello Instrument # 59740

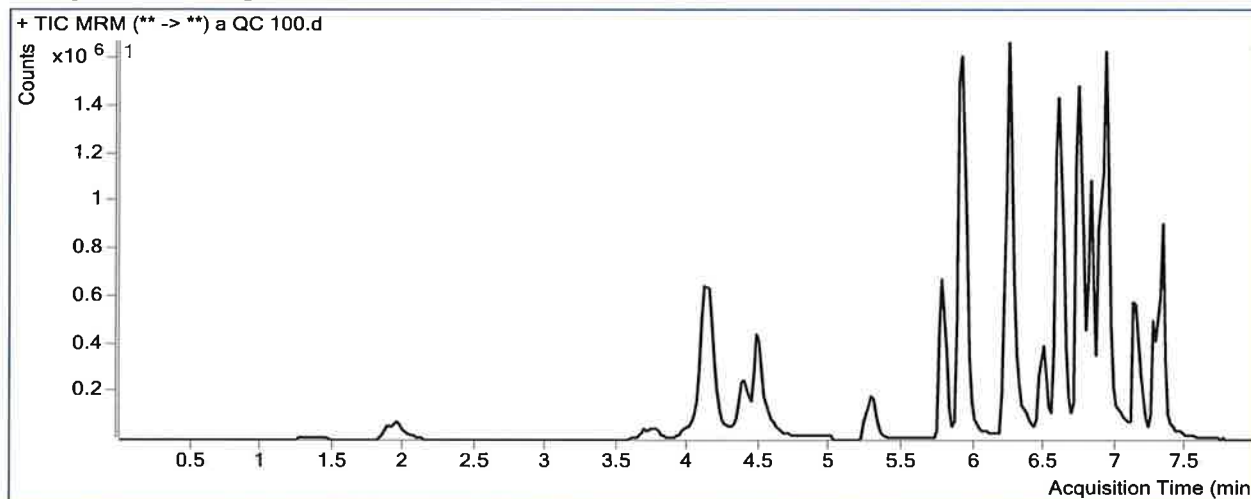
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517 TS.batch.bin
Analysis Time 12/21/2017 8:35 AM **Analyst Name** ISPUser
Report Time 12/21/2017 8:45 AM **Reporter Name** ISPUser
Last Calib Update 12/21/2017 8:35 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-16 02:52 **Data File** a QC 100.d
Sample Type QC **Sample Name** a QC 100
Dilution 1 **Acq Method** MD Quant Panel 1a 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
Morphine	Morphine-D6	1.328	55688	16061	3.4674	94.8595
Hydromorphone	Hydromorphone-D6	1.949	276652	87360	3.1668	100.2363
Codeine	Codeine-D6	3.772	113071	42781	2.6430	97.1001
Oxycodone	Oxycodone-D6	4.106	877149	314548	2.7886	102.1057
Amphetamine	Amphetamine-D11	4.143	1883504	245614	7.6686	108.8415
Hydrocodone	Hydrocodone-D6	4.391	325753	185571	1.7554	106.6869
Norhydrocodone	Norhydrocodone-D3	4.435	15173	38110	0.3981	100.0208
Methamphetamine	Methamphetamine-D11	4.479	1470381	370105	3.9729	107.0030
6-MAM	6-MAM-D6	4.587	12093	47750	0.2533	9.6748
Phentermine	Phentermine-D5	5.303	494324	450981	1.0961	104.2105
Dextroprphan	Dextroprphan-D3	5.781	636657	479668	1.3273	110.5008
7-aminoclonazepam	7-Aminoclonazepam-D4	5.890	579107	199667	2.9004	116.0528
Tramadol	Tramadol-13C-D3	5.917	3599372	1510227	2.3833	102.8891
Doxylamine	Doxylamine-D5	6.240	2752422	1122909	2.4512	103.1959
Bupropion	Bupropion-D9	6.488	524938	191982	2.7343	88.3038
Meprobamate	Meprobamate-D7	6.591	140784	45288	3.1086	103.9816
Zolpidem	Zolpidem-D6	6.596	2760026	1340744	2.0586	100.6183
Venlafaxine	Venlafaxine-D6	6.742	2762212	1045806	2.6412	104.8198
Trazodone	Trazodone-D6	6.814	1476440	457361	3.2282	106.5544
Citalopram	Citalopram-D6	6.876	1112298	462826	2.4033	106.9378

TNS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *a QC 100*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	380568	123035	3.0932	105.7502
Diphenhydramine	Diphenhydramine-D3	6.930	1818777	871723	2.0864	107.2721
Promethazine	Promethazine-D3	7.147	1108592	415093	2.6707	98.3056
Clonazepam	Clonazepam-D4	7.182	167728	14879	11.2727	105.9549
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	64215	23678	2.7120	99.8932
Carisoprodol	Carisoprodol-D7	7.272	485616	173899	2.7925	105.0759
Lorazepam	Alprazolam-D5	7.282	40302	299016	0.1348	81.0988
Alprazolam	Alprazolam-D5	7.326	1134181	299016	3.7930	110.0738

ISP FORENSICS - Pocatello Instrument # 59740

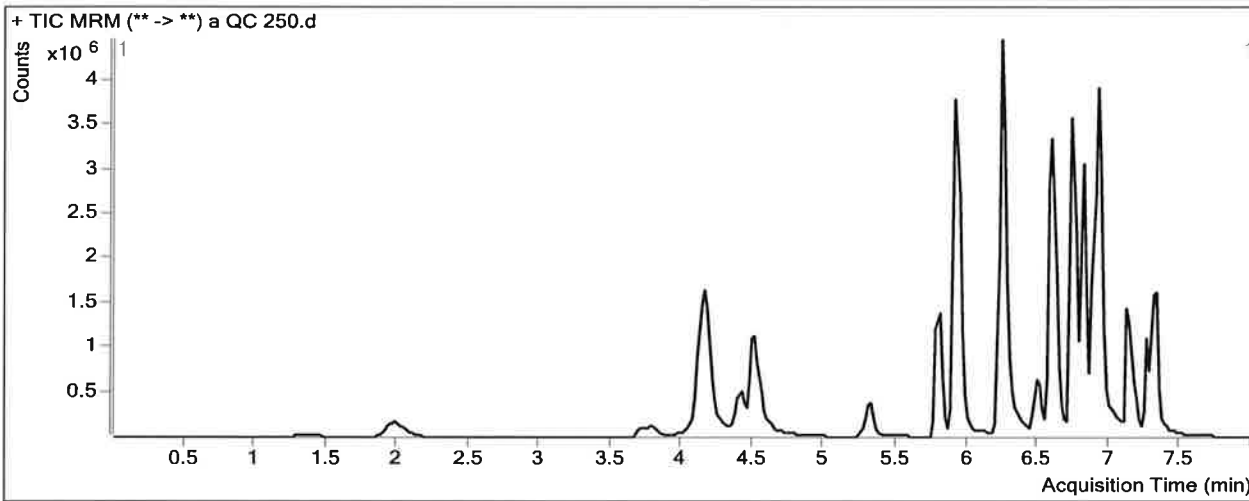
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517 TS.batch.bin
Analysis Time 12/21/2017 8:35 AM **Analyst Name** ISPUser
Report Time 12/21/2017 8:46 AM **Reporter Name** ISPUser
Last Calib Update 12/21/2017 8:35 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-16 08:30 **Data File** a QC 250.d
Sample Type QC **Sample Name** a QC 250
Dilution 1 **Acq Method** MD Quant Panel 1a 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
Morphine	Morphine-D6	1.348	144457	15379	9.3932	257.5247
Hydromorphone	Hydromorphone-D6	1.989	737524	84796	8.6976	274.3340
Codeine	Codeine-D6	3.790	288616	38540	7.4887	273.8569
Oxycodone	Oxycodone-D6	4.126	2359144	312255	7.5552	275.9095
Amphetamine	Amphetamine-D11	4.163	4651464	248470	18.7204	269.7721
Hydrocodone	Hydrocodone-D6	4.411	837614	177302	4.7242	287.7135
Norhydrocodone	Norhydrocodone-D3	4.455	37697	33887	1.1124	267.6596
Methamphetamine	Methamphetamine-D11	4.521	3853203	381836	10.0913	276.5173
6-MAM	6-MAM-D6	4.628	30924	44163	0.7002	26.4739
Phentermine	Phentermine-D5	5.323	1299099	428467	3.0320	292.6954
Dextrophan	Dextrophan-D3	5.801	1621034	484219	3.3477	278.4863
7-aminoclonazepam	7-Aminoclonazepam-D4	5.890	1306142	175620	7.4373	299.9815
Tramadol	Tramadol-13C-D3	5.917	8773166	1328979	6.6014	286.3211
Doxylamine	Doxylamine-D5	6.240	7046071	1014562	6.9449	291.7536
Bupropion	Bupropion-D9	6.509	936086	122060	7.6691	247.3647
Meprobamate	Meprobamate-D7	6.591	309914	39917	7.7640	259.6519
Zolpidem	Zolpidem-D6	6.596	7247017	1226537	5.9085	288.3548
Venlafaxine	Venlafaxine-D6	6.742	7429569	1072112	6.9298	275.3215
Trazodone	Trazodone-D6	6.814	3951718	494643	7.9890	263.6143
Citalopram	Citalopram-D6	6.896	2882651	462548	6.2321	277.1834

NS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

a QC 250

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	1109262	134351	8.2565	280.8556
Diphenhydramine	Diphenhydramine-D3	6.930	5452045	964138	5.6548	290.7671
Promethazine	Promethazine-D3	7.126	3092750	414971	7.4529	273.4777
Clonazepam	Clonazepam-D4	7.182	438063	15718	27.8697	260.2019
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	166956	21911	7.6197	276.8734
Carisoprodol	Carisoprodol-D7	7.272	1060356	143219	7.4037	278.1667
Lorazepam	Alprazolam-D5	7.302	193264	263306	0.7340	439.7551
Alprazolam	Alprazolam-D5	7.326	2557395	263306	9.7126	281.6483

ISP FORENSICS - Pocatello Instrument # 59740

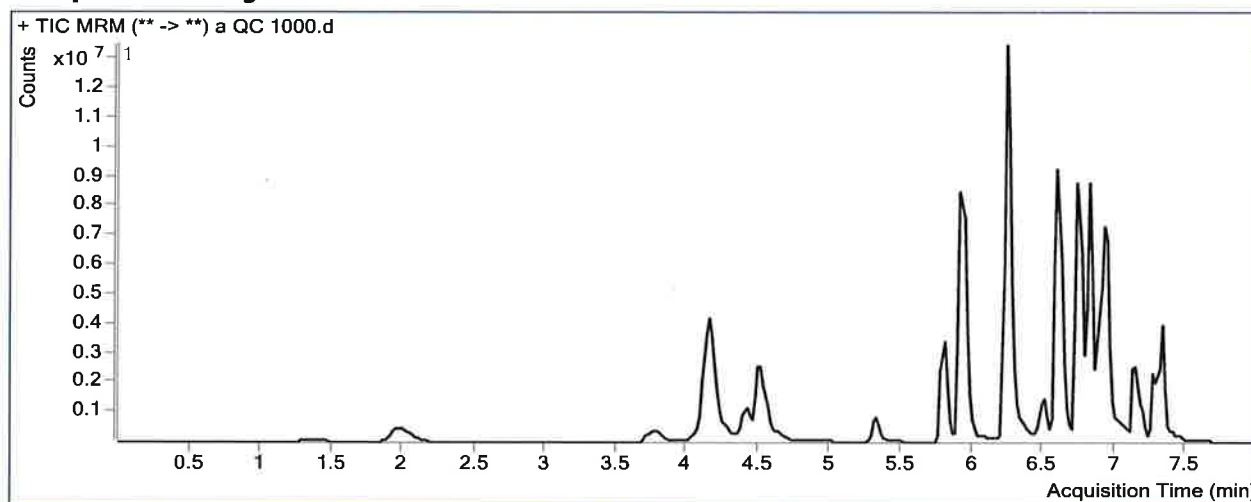
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517 TS.batch.bin
Analysis Time 12/21/2017 8:35 AM **Analyst Name** ISPUser
Report Time 12/21/2017 8:47 AM **Reporter Name** ISPUser
Last Calib Update 12/21/2017 8:35 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-16 12:42 **Data File** a QC 1000.d
Sample Type QC **Sample Name** a QC 1000
Dilution 1 **Acq Method** MD Quant Panel 1a 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
Morphine	Morphine-D6	1.348	460618	12343	37.3168	1024.0288
Hydromorphone	Hydromorphone-D6	1.989	2243242	66495	33.7355	1062.4702
Codeine	Codeine-D6	3.772	802588	29475	27.2290	993.9222
Oxycodone	Oxycodone-D6	4.126	7508614	267115	28.1101	1025.4038
Amphetamine	Amphetamine-D11	4.163	9535613	176677	53.9720	783.0843
Hydrocodone	Hydrocodone-D6	4.411	2344318	145486	16.1137	982.1981
Norhydrocodone	Norhydrocodone-D3	4.455	100946	21988	4.5910	1084.0163
Methamphetamine	Methamphetamine-D11	4.521	8844880	219326	40.3276	1114.2391
6-MAM	6-MAM-D6	4.628	91498	34884	2.6229	98.7368
Phentermine	Phentermine-D5	5.323	3138316	307771	10.1969	990.3097
Dextrophan	Dextrophan-D3	5.801	4177575	328921	12.7008	1056.1318
7-aminoclonazepam	7-Aminoclonazepam-D4	5.910	3069902	134839	22.7672	921.4604
Tramadol	Tramadol-13C-D3	5.917	25446049	1087121	23.4068	1017.1349
Doxylamine	Doxylamine-D5	6.240	23115261	838682	27.5614	1156.8129
Bupropion	Bupropion-D9	6.509	2229652	73449	30.3566	978.6417
Meprobamate	Meprobamate-D7	6.611	802770	26250	30.5820	1022.6566
Zolpidem	Zolpidem-D6	6.596	21338782	1058811	20.1535	982.9907
Venlafaxine	Venlafaxine-D6	6.742	21243227	711691	29.8490	1186.5132
Trazodone	Trazodone-D6	6.814	10568858	391244	27.0134	891.2264
Citalopram	Citalopram-D6	6.896	6241141	263381	23.6962	1053.7093

TNS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

a QC/1000

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.927	2285134	78312	29.1798	990.4381
Diphenhydramine	Diphenhydramine-D3	6.950	12070112	567310	21.2760	1094.0378
Promethazine	Promethazine-D3	7.147	6168790	223780	27.5664	1010.2308
Clonazepam	Clonazepam-D4	7.182	1177265	9416	125.0284	1163.1594
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	505240	16355	30.8929	1116.1430
Carisoprodol	Carisoprodol-D7	7.272	2455530	92224	26.6258	999.7015
Lorazepam	Alprazolam-D5	7.322	324722	155843	2.0837	1247.5945
Alprazolam	Alprazolam-D5	7.326	5986750	155843	38.4153	1113.5730

outside
Curve
range

ISP FORENSICS - Pocatello Instrument # 59740

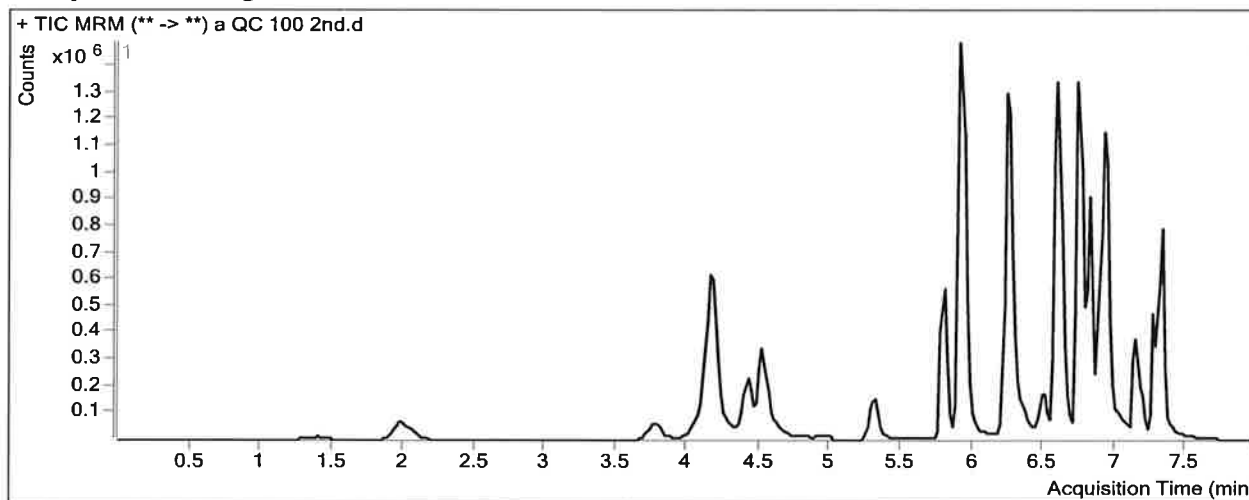
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517 TS.batch.bin
Analysis Time 12/21/2017 8:35 AM **Analyst Name** ISPUser
Report Time 12/21/2017 8:48 AM **Reporter Name** ISPUser
Last Calib Update 12/21/2017 8:35 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-16 15:51 **Data File** a QC 100 2nd.d
Sample Type QC **Sample Name** a QC 100 2nd
Dilution 1 **Acq Method** MD Quant Panel 1a 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
Morphine	Morphine-D6	1.348	53421	14790	3.6119	98.8271
Hydromorphone	Hydromorphone-D6	1.989	259482	76875	3.3754	106.8014
Codeine	Codeine-D6	3.790	103773	35060	2.9599	108.6586
Oxycodone	Oxycodone-D6	4.146	804366	276821	2.9057	106.3764
Amphetamine	Amphetamine-D11	4.183	1502967	205919	7.2988	103.4575
Hydrocodone	Hydrocodone-D6	4.411	298066	153517	1.9416	118.0393
Norhydrocodone	Norhydrocodone-D3	4.455	14259	33211	0.4293	107.3431
Methamphetamine	Methamphetamine-D11	4.521	1035731	240500	4.3066	116.2483
6-MAM	6-MAM-D6	4.628	10951	39086	0.2802	10.6870
Phentermine	Phentermine-D5	5.323	432140	379864	1.1376	108.2522
Dextrophan	Dextrophan-D3	5.801	505540	385876	1.3101	109.0726
7-aminoclonazepam	7-Aminoclonazepam-D4	5.910	505521	174758	2.8927	115.7418
Tramadol	Tramadol-13C-D3	5.917	2774704	1148613	2.4157	104.2967
Doxylamine	Doxylamine-D5	6.260	2137189	827471	2.5828	108.7196
Bupropion	Bupropion-D9	6.509	244379	70853	3.4491	111.3437
Meprobamate	Meprobamate-D7	6.591	122991	35853	3.4304	114.7422
Zolpidem	Zolpidem-D6	6.596	2367832	1151062	2.0571	100.5455
Venlafaxine	Venlafaxine-D6	6.742	2382899	886856	2.6869	106.6357
Trazodone	Trazodone-D6	6.814	1177840	341617	3.4478	113.8011
Citalopram	Citalopram-D6	6.896	799975	324197	2.4676	109.7963

MS

ISP FORENSICS - Pocatello Instrument # 59740

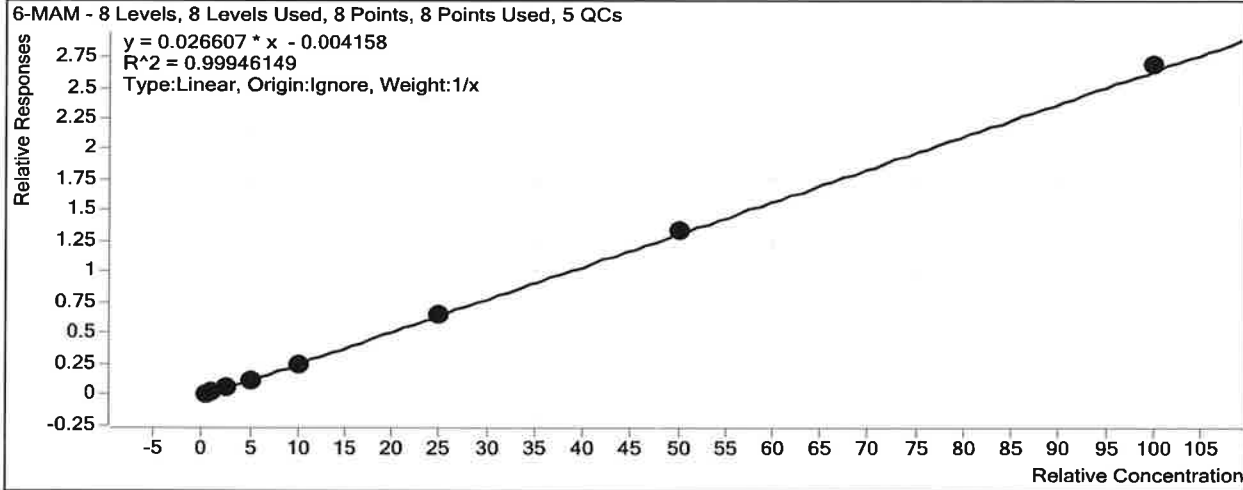
Multi-Drug Confirmatory Analysis Report *a QC 100 2nd*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.927	264526	84025	3.1482	107.6154
Diphenhydramine	Diphenhydramine-D3	6.950	1355019	619111	2.1887	112.5292
Promethazine	Promethazine-D3	7.147	539755	222247	2.4286	89.4383
Clonazepam	Clonazepam-D4	7.182	138188	13732	10.0630	94.7120
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	60571	22445	2.6986	99.4111
Carisoprodol	Carisoprodol-D7	7.272	444408	146325	3.0371	114.2577
Lorazepam	Alprazolam-D5	7.322	36081	242210	0.1490	89.5888
Alprazolam	Alprazolam-D5	7.326	1041047	242210	4.2981	124.7128

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
 TS.batch.bin
Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

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

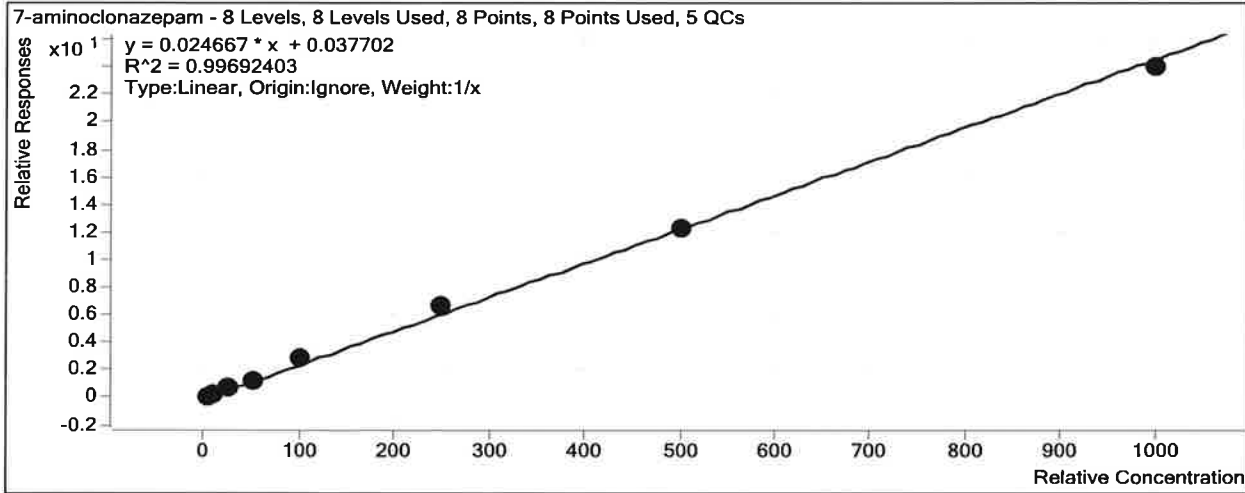


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	117.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	98.4
a QC 10	2	<input checked="" type="checkbox"/>	1	1.2	118.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	94.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.8	95.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.4	93.9
a QC 100	5	<input checked="" type="checkbox"/>	10	9.7	96.7
a QC 100 2nd	5	<input checked="" type="checkbox"/>	10	10.7	106.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.5	97.8
a QC 250	6	<input checked="" type="checkbox"/>	25	26.5	105.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	50	50.2	100.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	101.2	101.2
a QC 1000	8	<input checked="" type="checkbox"/>	100	98.7	98.7

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
TS.batch.bin
Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

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



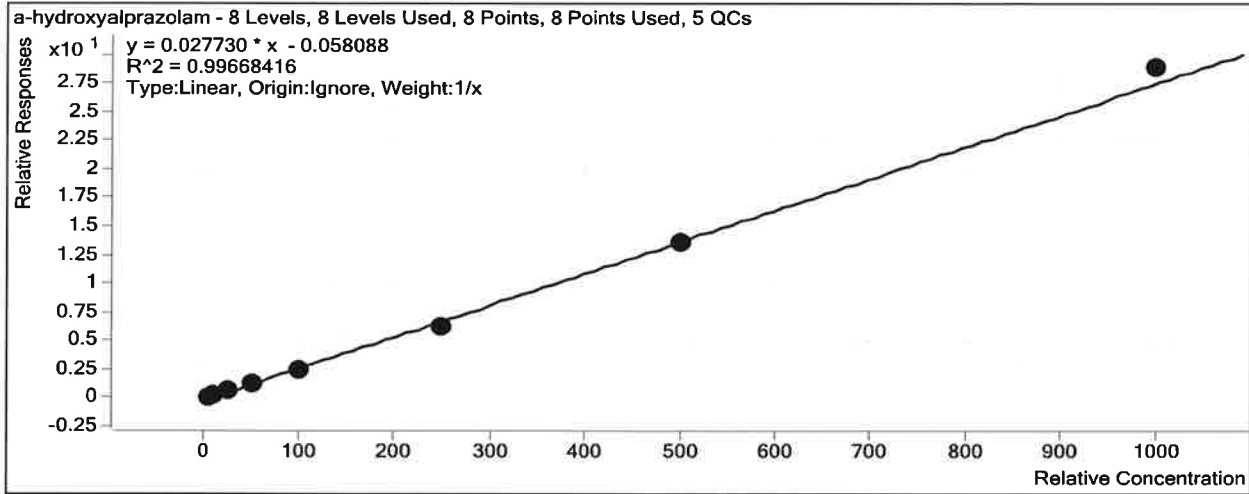
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.0	80.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	90.9
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.0	108.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.1	100.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	117.0	117.0
a QC 100	5	<input checked="" type="checkbox"/>	100	116.1	116.1
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	115.7	115.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	267.3	106.9
a QC 250	6	<input checked="" type="checkbox"/>	250	300.0	120.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.4	99.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	970.0	97.0
a QC 1000	8	<input checked="" type="checkbox"/>	1000	921.5	92.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
TS.batch.bin

Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

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

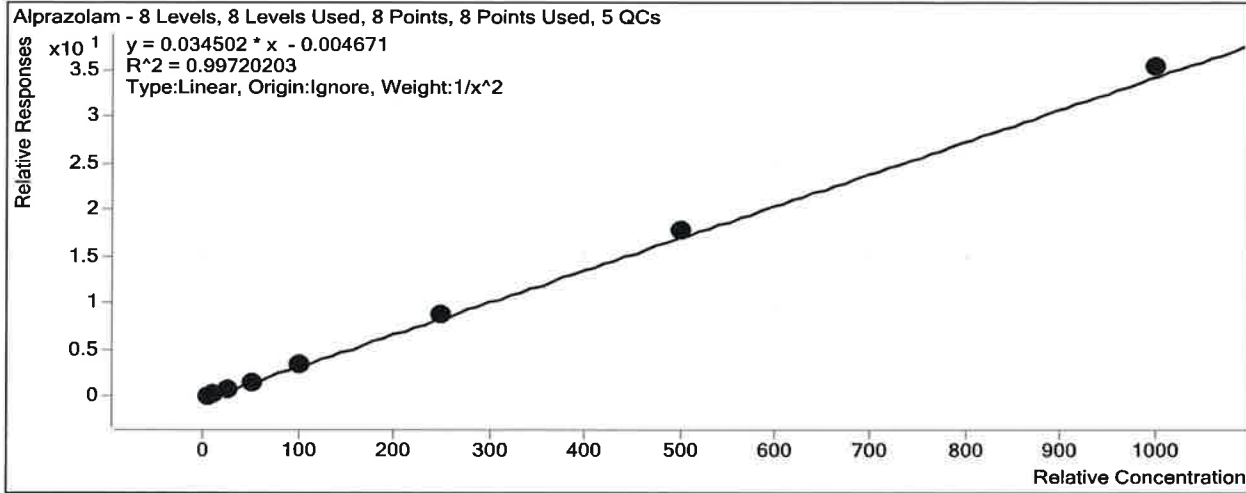


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.3	126.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.3
a QC 10	2	<input checked="" type="checkbox"/>	10	11.1	110.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.2	92.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.9	93.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	88.9	88.9
a QC 100	5	<input checked="" type="checkbox"/>	100	99.9	99.9
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	99.4	99.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	227.8	91.1
a QC 250	6	<input checked="" type="checkbox"/>	250	276.9	110.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	493.0	98.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1043.5	104.3
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1116.1	111.6

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
 TS.batch.bin
Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

Target Compound Alprazolam
Internal Standard Alprazolam-D5

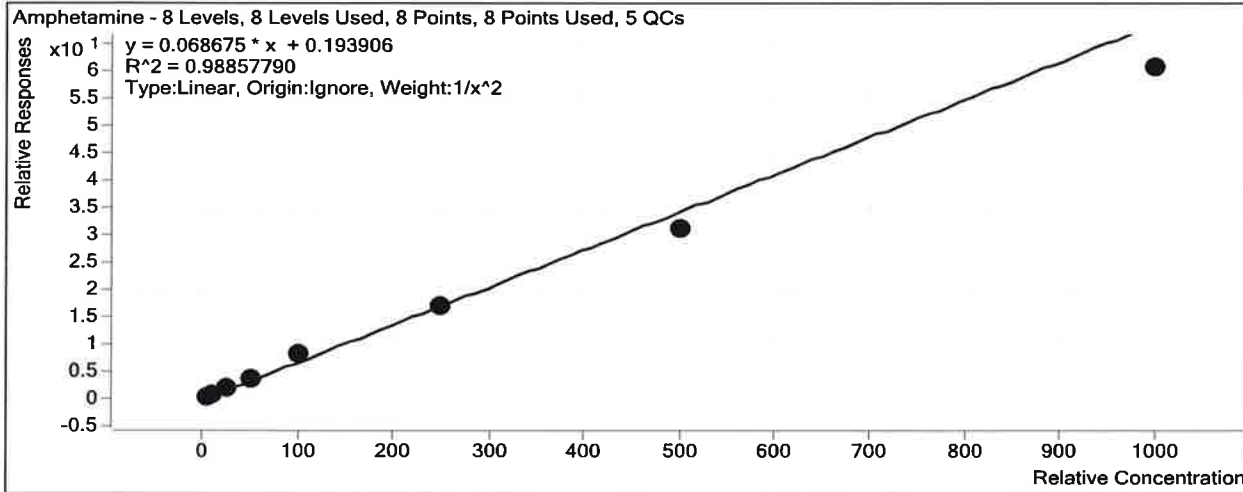


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	91.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.1	90.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.2	96.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.0	100.0
a QC 100	5	<input checked="" type="checkbox"/>	100	110.1	110.1
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	124.7	124.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.9	102.8
a QC 250	6	<input checked="" type="checkbox"/>	250	281.6	112.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	519.9	104.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1025.2	102.5
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1113.6	111.4

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
 TS.batch.bin
Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

Target Compound Amphetamine
Internal Standard Amphetamine-D11

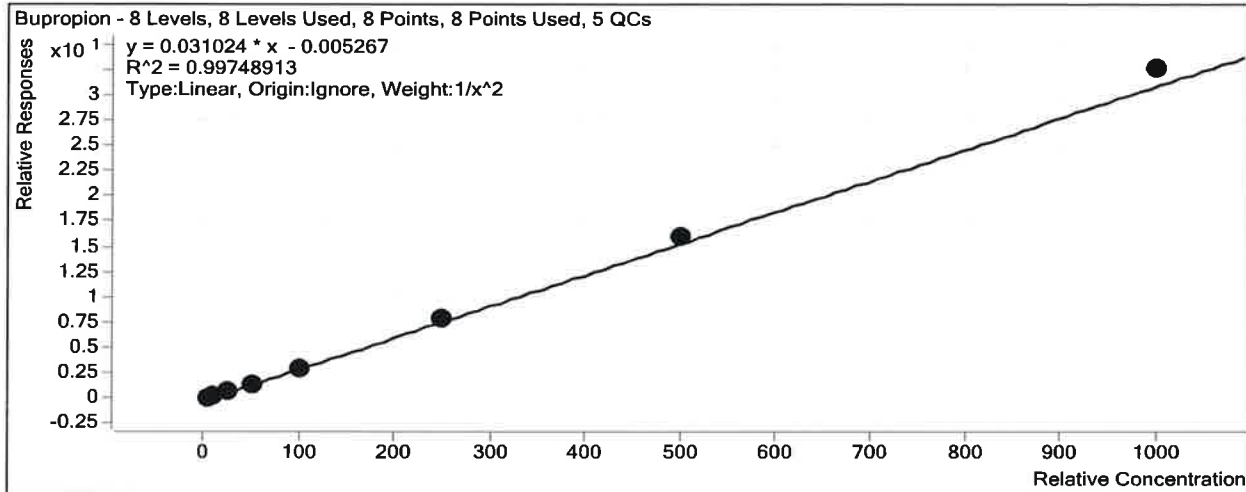


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.6
a QC 10	2	<input checked="" type="checkbox"/>	10	11.3	112.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.8	107.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.3	106.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	115.5	115.5
a QC 100	5	<input checked="" type="checkbox"/>	100	108.8	108.8
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	103.5	103.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.0	97.6
a QC 250	6	<input checked="" type="checkbox"/>	250	269.8	107.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	452.6	90.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	878.6	87.9
a QC 1000	8	<input type="checkbox"/>	1000	783.1	78.3

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
 TS.batch.bin
Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

Target Compound Bupropion
Internal Standard Bupropion-D9



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	92.7
a QC 10	2	<input checked="" type="checkbox"/>	10	8.5	84.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	96.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.4	98.4
a QC 100	5	<input checked="" type="checkbox"/>	100	88.3	88.3
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	111.3	111.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.6	101.8
a QC 250	6	<input checked="" type="checkbox"/>	250	247.4	98.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	515.1	103.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1050.7	105.1
a QC 1000	8	<input checked="" type="checkbox"/>	1000	978.6	97.9

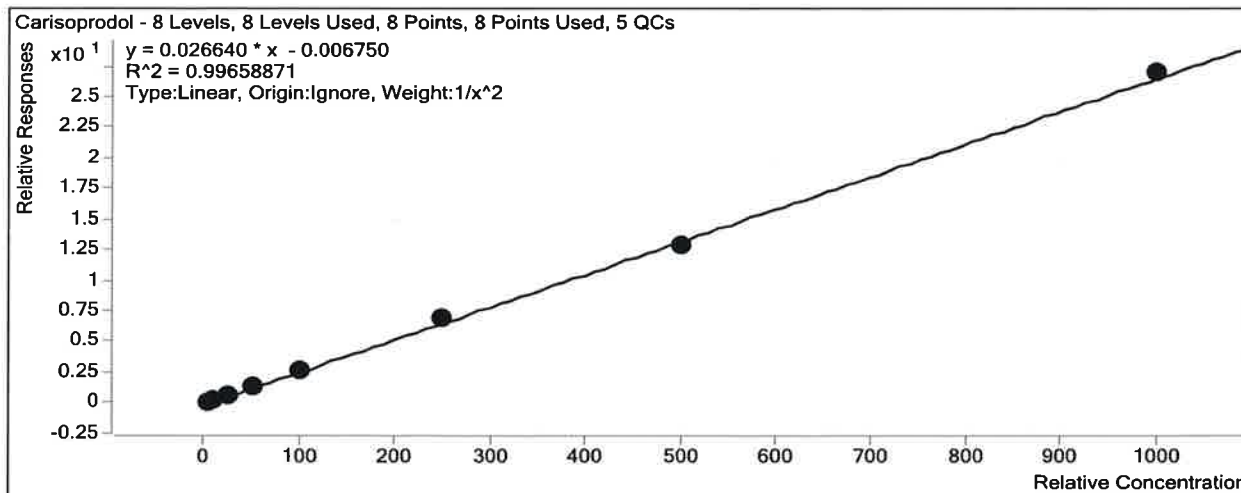
TNS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
TS.batch.bin

Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

Target Compound Carisoprodol
Internal Standard Carisoprodol-D7



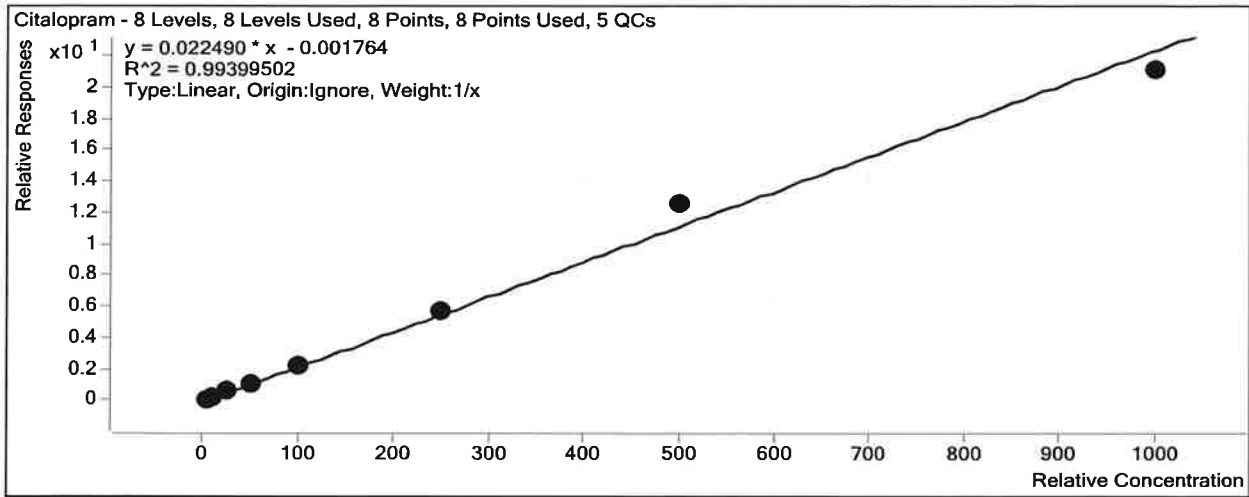
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	90.9
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	101.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.4	105.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.5	97.5
a QC 100	5	<input checked="" type="checkbox"/>	100	105.1	105.1
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	114.3	114.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.2	105.7
a QC 250	6	<input checked="" type="checkbox"/>	250	278.2	111.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	485.7	97.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1012.4	101.2
a QC 1000	8	<input checked="" type="checkbox"/>	1000	999.7	100.0

TNS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
 TS.batch.bin
Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

Target Compound Citalopram
Internal Standard Citalopram-D6

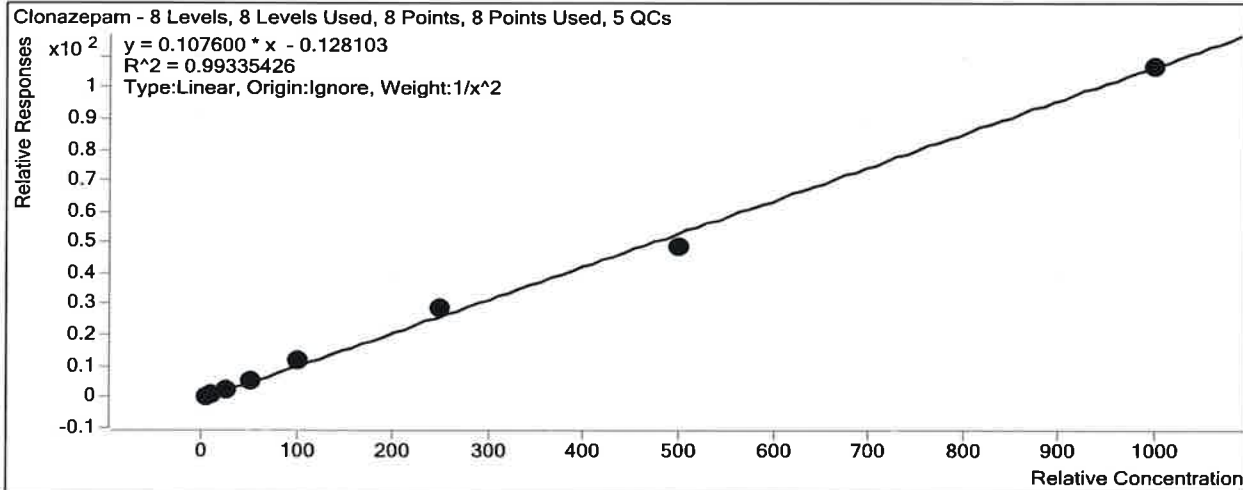


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	93.5
a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.7	101.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.0	100.0
a QC 100	5	<input checked="" type="checkbox"/>	100	106.9	106.9
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	109.8	109.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.7	101.9
a QC 250	6	<input checked="" type="checkbox"/>	250	277.2	110.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	557.7	111.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	937.6	93.8
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1053.7	105.4

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
 TS.batch.bin
Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

Target Compound Clonazepam
Internal Standard Clonazepam-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.0	89.8
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	97.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.0	98.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	109.4	109.4
a QC 100	5	<input checked="" type="checkbox"/>	100	106.0	106.0
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	94.7	94.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	268.4	107.4
a QC 250	6	<input checked="" type="checkbox"/>	250	260.2	104.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	455.9	91.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	992.4	99.2
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1163.2	116.3

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517

TS.batch.bin

Last Calib Update

12/21/2017 8:35 AM

Analyst Name

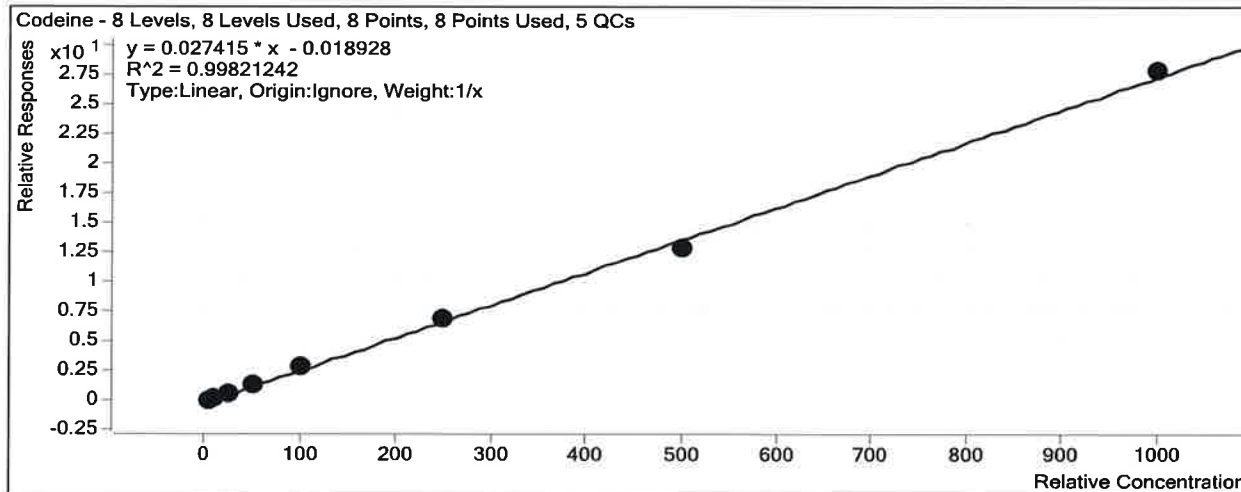
ISP TOX

Target Compound

Codeine

Internal Standard

Codeine-D6



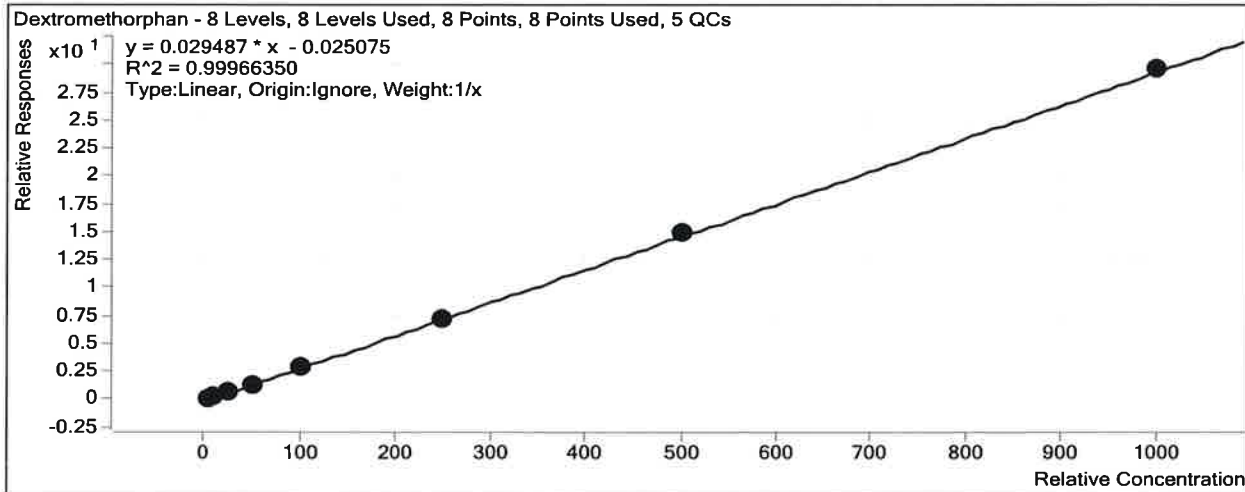
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.9	88.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.3	93.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.7	105.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	109.9	109.9
a QC 100	5	<input checked="" type="checkbox"/>	100	97.1	97.1
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	108.7	108.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.2	102.1
a QC 250	6	<input checked="" type="checkbox"/>	250	273.9	109.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	472.4	94.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1012.4	101.2
a QC 1000	8	<input checked="" type="checkbox"/>	1000	993.9	99.4

TNS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
 TS.batch.bin
Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.9	117.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.7	106.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	96.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.9	93.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.1	99.1
a QC 100	5	<input checked="" type="checkbox"/>	100	105.8	105.8
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	107.6	107.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.3	98.1
a QC 250	6	<input checked="" type="checkbox"/>	250	280.9	112.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.4	101.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1004.0	100.4
a QC 1000	8	<input checked="" type="checkbox"/>	1000	990.4	99.0

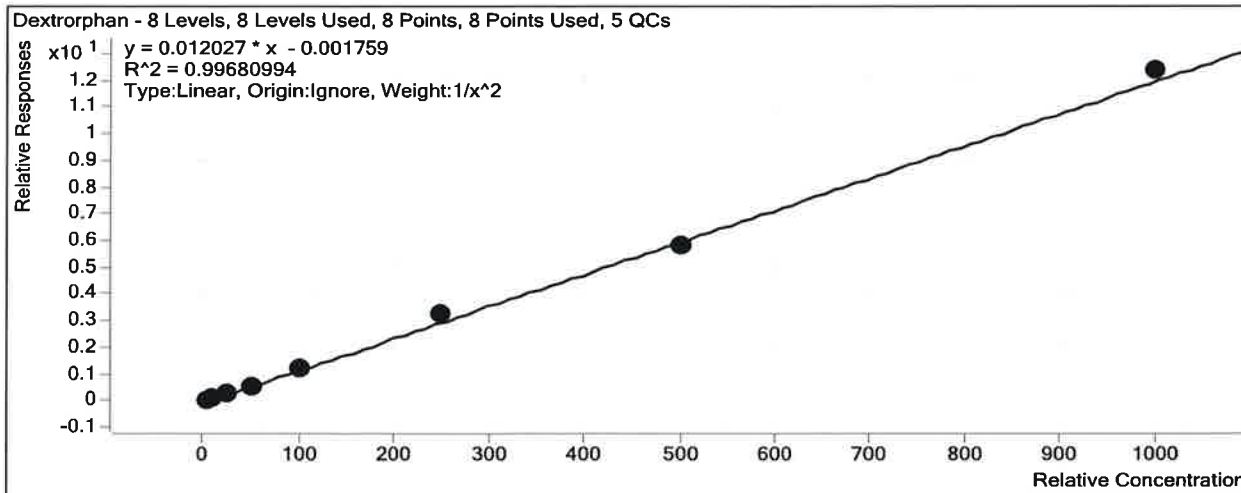
TNS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
TS.batch.bin

Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	92.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.3	101.3
a QC 100	5	<input checked="" type="checkbox"/>	100	110.5	110.5
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	109.1	109.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	268.3	107.3
a QC 250	6	<input checked="" type="checkbox"/>	250	278.5	111.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	486.9	97.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1028.0	102.8
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1056.1	105.6

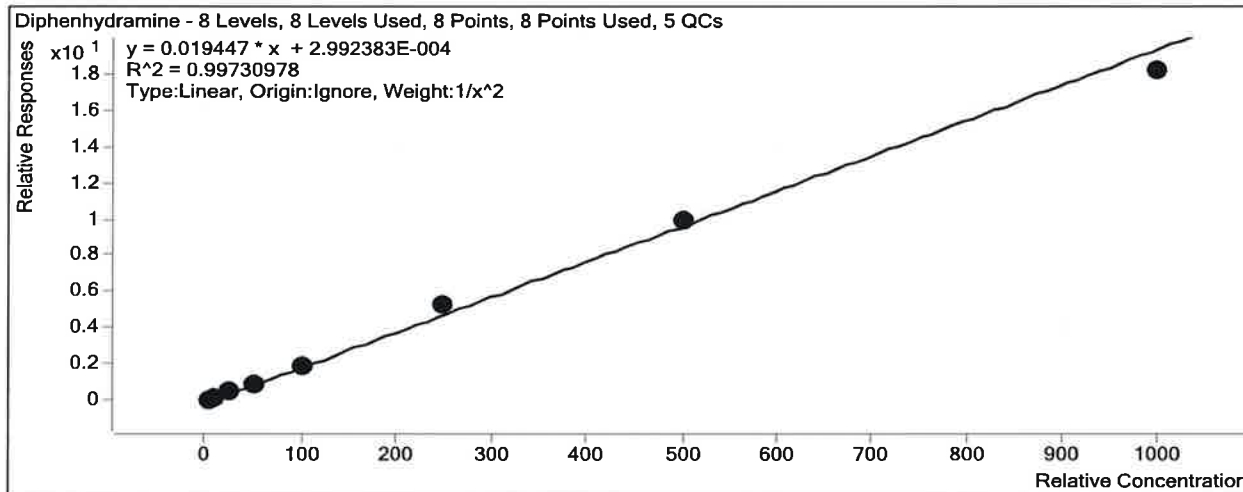
TNS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
TS.batch.bin

Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

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



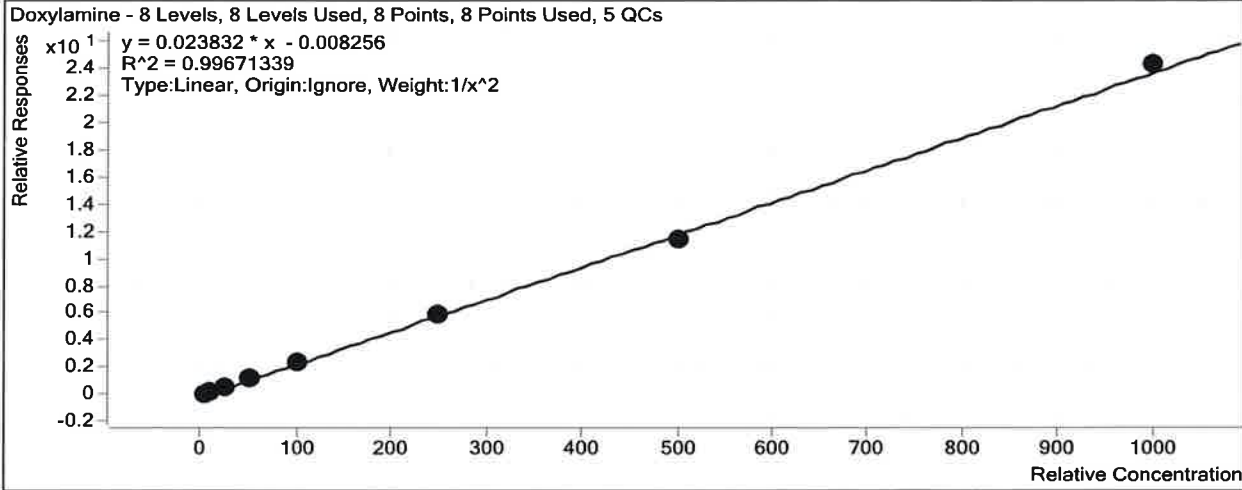
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.2	100.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.1	96.1
a QC 100	5	<input checked="" type="checkbox"/>	100	107.3	107.3
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	112.5	112.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	271.2	108.5
a QC 250	6	<input checked="" type="checkbox"/>	250	290.8	116.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	508.3	101.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	933.5	93.3
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1094.0	109.4

TNS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
TS.batch.bin
Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

Target Compound Doxylamine
Internal Standard Doxylamine-D5



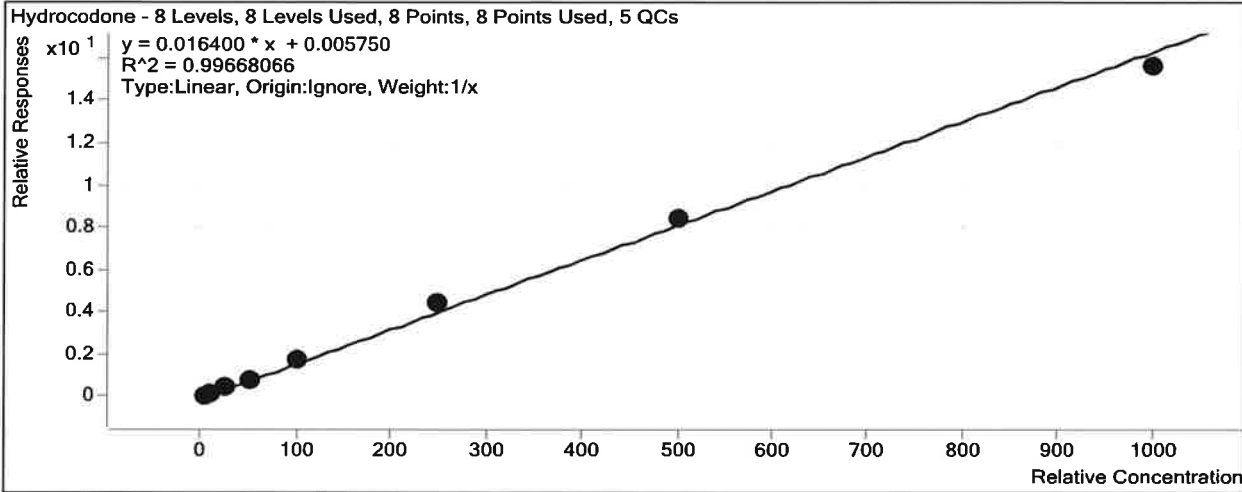
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.0	90.2
a QC 10	2	<input checked="" type="checkbox"/>	10	11.7	117.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.2	104.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.1	100.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.1	104.1
a QC 100	5	<input checked="" type="checkbox"/>	100	103.2	103.2
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	108.7	108.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.2	99.3
a QC 250	6	<input checked="" type="checkbox"/>	250	291.8	116.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	478.4	95.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1019.8	102.0
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1156.8	115.7

TNS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
 TS.batch.bin
Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

Target Compound Hydrocodone
Internal Standard Hydrocodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	91.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	90.6
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.9	101.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.6	108.6
a QC 100	5	<input checked="" type="checkbox"/>	100	106.7	106.7
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	118.0	118.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	272.9	109.2
a QC 250	6	<input checked="" type="checkbox"/>	250	287.7	115.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	517.2	103.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	951.8	95.2
a QC 1000	8	<input checked="" type="checkbox"/>	1000	982.2	98.2

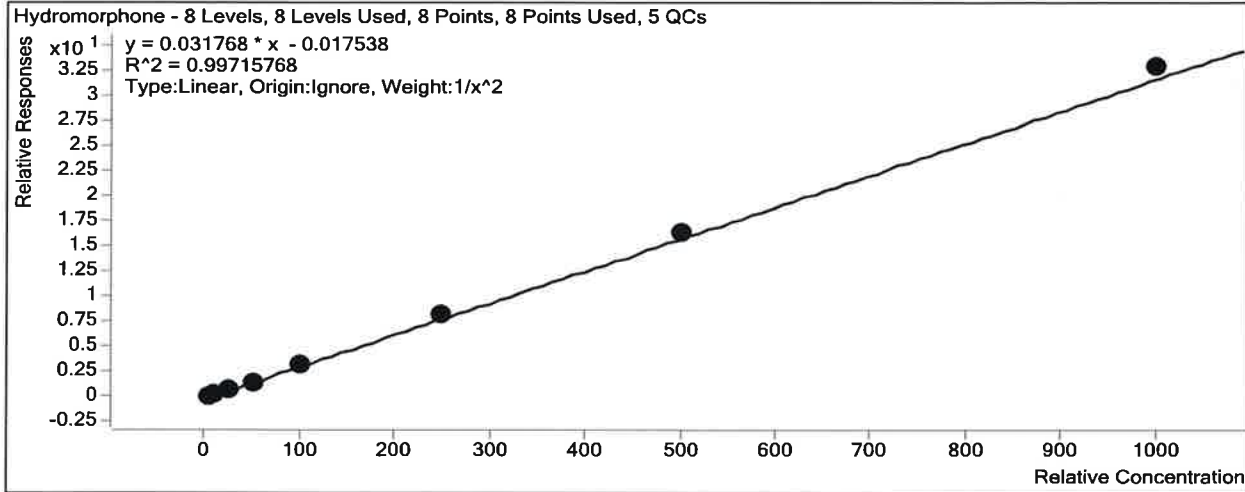
ISP Forensics Calibration Curve Report

TNS

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
TS.batch.bin

Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	93.6
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.2	94.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.0	100.0
a QC 100	5	<input checked="" type="checkbox"/>	100	100.2	100.2
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	106.8	106.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.3	104.9
a QC 250	6	<input checked="" type="checkbox"/>	250	274.3	109.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	515.9	103.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1032.8	103.3
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1062.5	106.2

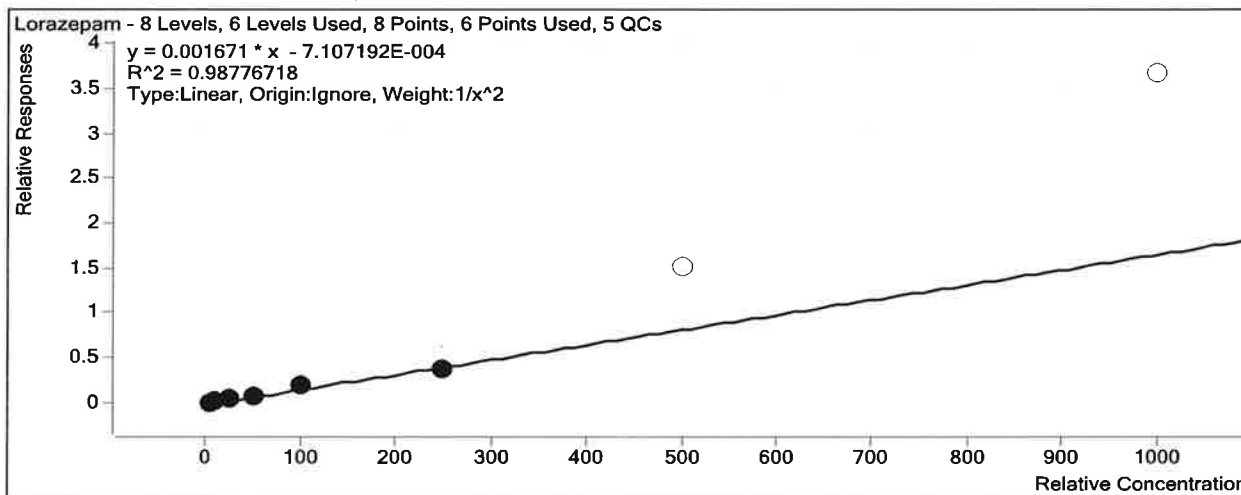
TNS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
TS.batch.bin

Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

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	5.2	104.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.0	89.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.5	102.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.0	98.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	114.3	114.3
a QC 100	5	<input checked="" type="checkbox"/>	100	81.1	81.1
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	89.6	89.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	228.9	91.6
a QC 250	6	<input checked="" type="checkbox"/>	250	439.8	175.9
a cal 7-500ng	7	<input type="checkbox"/>	500	908.4	181.7
a cal 8-1000ng	8	<input type="checkbox"/>	1000	2194.0	219.4
a QC 1000	8	<input type="checkbox"/>	1000	1247.6	124.8

Outside curve range

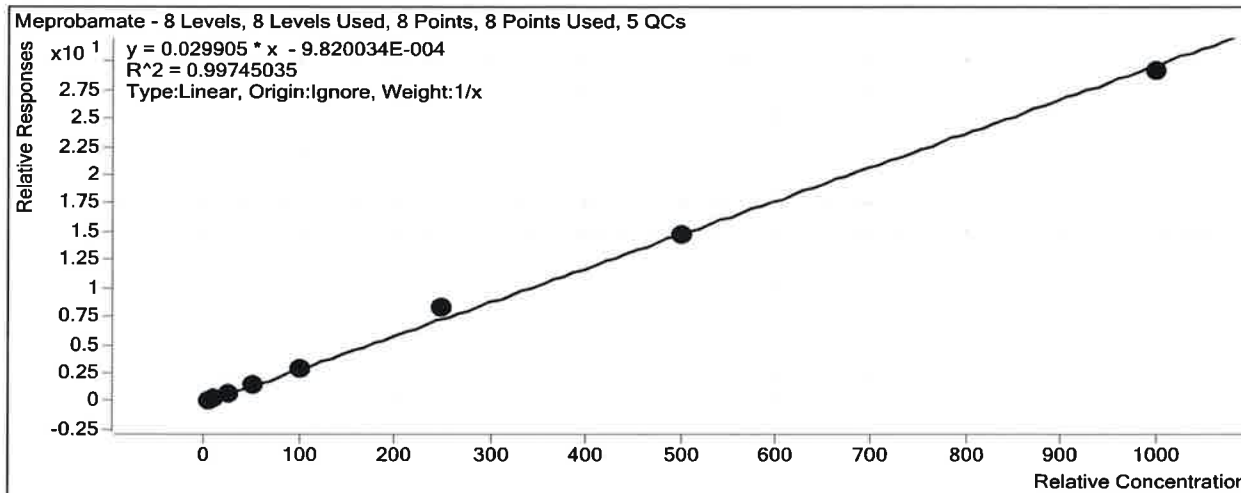
TALS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
TS.batch.bin

Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

Target Compound Meprobamate
Internal Standard Meprobamate-D7



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.9	88.5
a QC 10	2	<input checked="" type="checkbox"/>	10	9.3	93.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.0	103.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.5	96.5
a QC 100	5	<input checked="" type="checkbox"/>	100	104.0	104.0
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	114.7	114.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	279.9	112.0
a QC 250	6	<input checked="" type="checkbox"/>	250	259.7	103.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.1	99.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	975.8	97.6
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1022.7	102.3

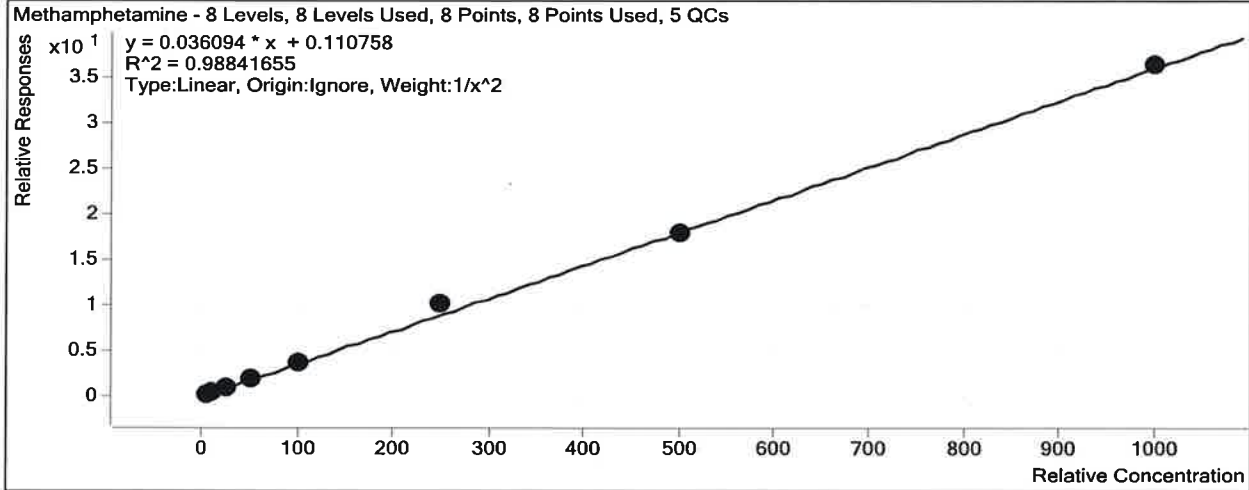
TNS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
TS.batch.bin

Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

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



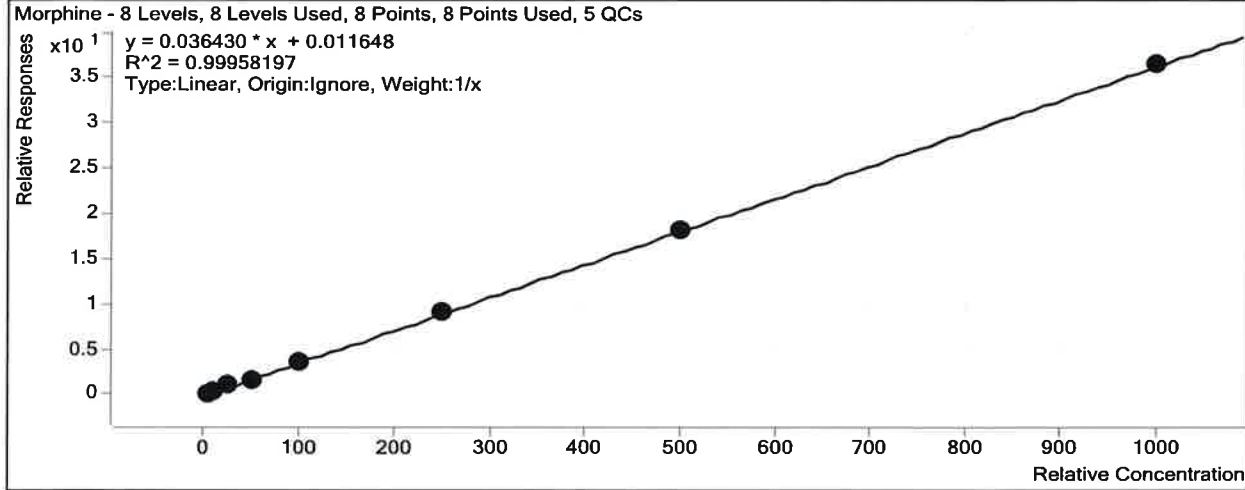
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	108.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.0	80.4
a QC 10	2	<input checked="" type="checkbox"/>	10	9.1	91.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.3	105.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.7	97.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.5	98.5
a QC 100	5	<input checked="" type="checkbox"/>	100	107.0	107.0
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	116.2	116.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	277.0	110.8
a QC 250	6	<input checked="" type="checkbox"/>	250	276.5	110.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	492.2	98.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1002.5	100.2
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1114.2	111.4

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
TS.batch.bin

Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

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



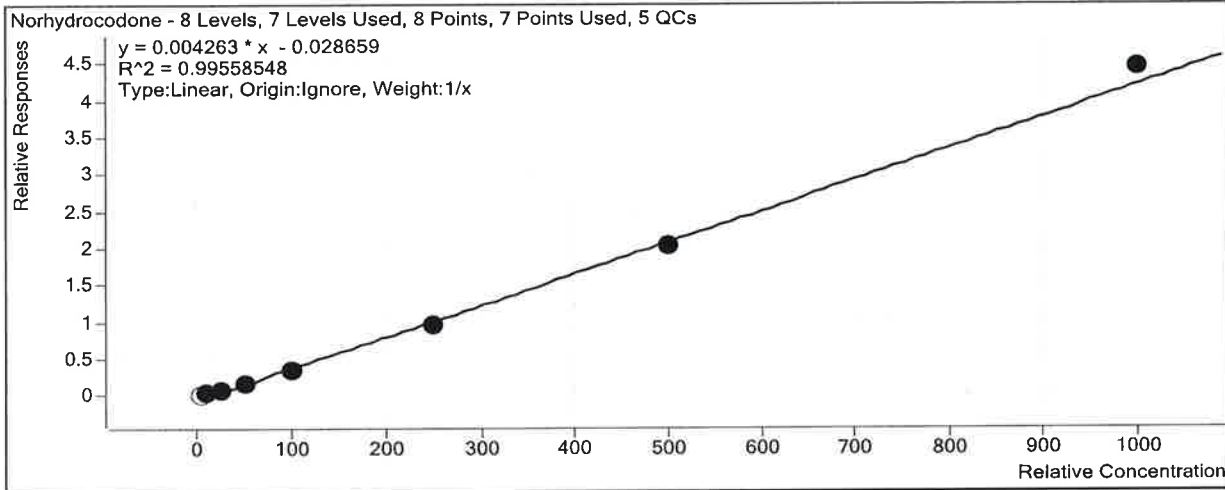
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.9
a QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.6	106.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.8	91.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.9	95.9
a QC 100	5	<input checked="" type="checkbox"/>	100	94.9	94.9
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	98.8	98.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.7	101.9
a QC 250	6	<input checked="" type="checkbox"/>	250	257.5	103.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.8	100.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1002.1	100.2
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1024.0	102.4

ISP Forensics Calibration Curve Report

TNS

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
 TS.batch.bin
Last Calib Update 12/21/2017 1:53 PM **Analyst Name** ISP TOX

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



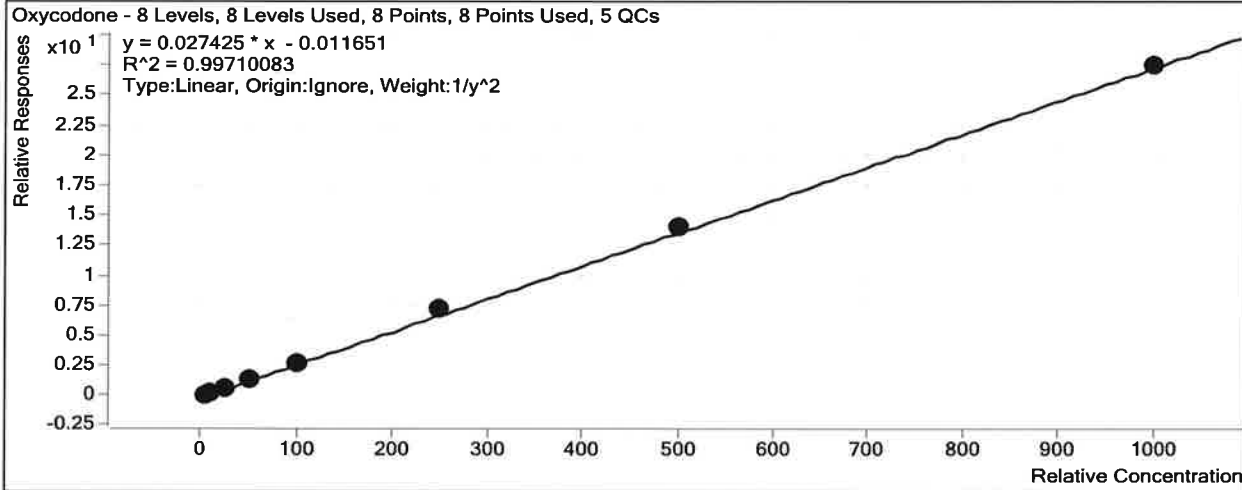
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	10.6	211.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	12.9	129.3
a QC 10	2	<input checked="" type="checkbox"/>	10	12.0	120.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.0	94.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	84.1	84.1
a QC 100	5	<input checked="" type="checkbox"/>	100	100.1	100.1
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	107.4	107.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	233.6	93.4
a QC 250	6	<input checked="" type="checkbox"/>	250	267.7	107.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	485.5	97.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1047.6	104.8
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1083.7	108.4

TNS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
TS.batch.bin
Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

Target Compound Oxycodone
Internal Standard Oxycodone-D6



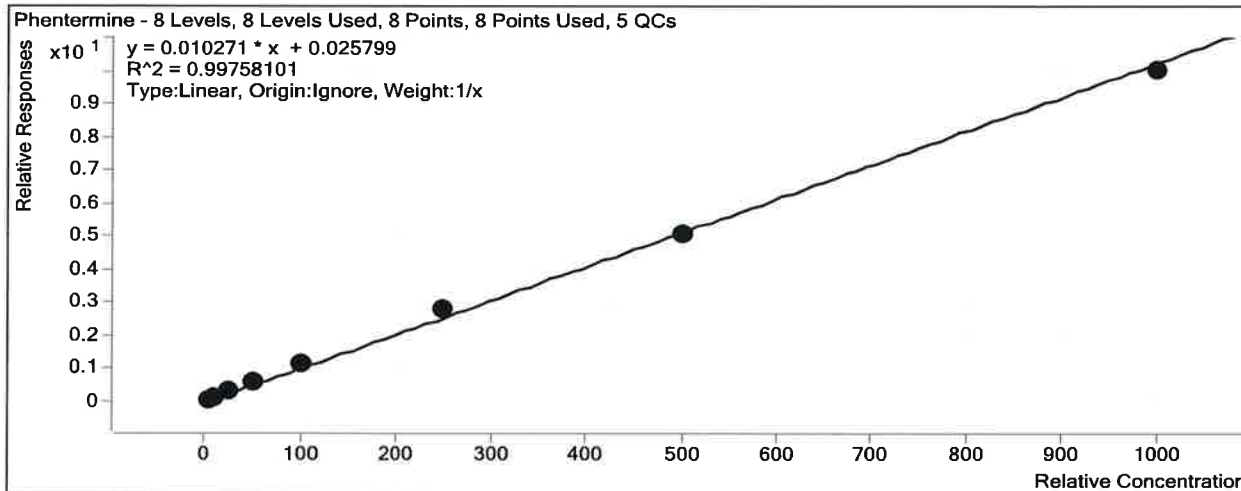
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	91.9
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.5	100.5
a QC 100	5	<input checked="" type="checkbox"/>	100	102.1	102.1
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	106.4	106.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.6	105.4
a QC 250	6	<input checked="" type="checkbox"/>	250	275.9	110.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	512.6	102.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1001.2	100.1
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1025.4	102.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
TS.batch.bin

Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	91.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.4	84.1
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	94.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.0	104.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.6	105.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	110.5	110.5
a QC 100	5	<input checked="" type="checkbox"/>	100	104.2	104.2
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	108.3	108.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	271.7	108.7
a QC 250	6	<input checked="" type="checkbox"/>	250	292.7	117.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.0	98.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	972.2	97.2
a QC 1000	8	<input checked="" type="checkbox"/>	1000	990.3	99.0

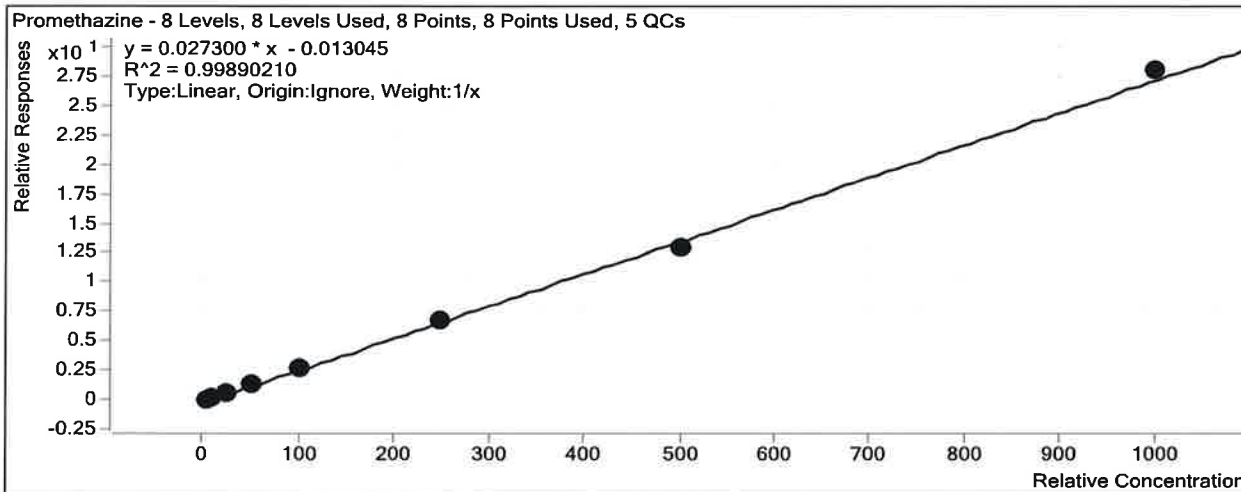
TNS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
TS.batch.bin

Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

Target Compound Promethazine
Internal Standard Promethazine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	108.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.5
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.4	93.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.5	101.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.1	102.1
a QC 100	5	<input checked="" type="checkbox"/>	100	98.3	98.3
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	89.4	89.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.6	99.4
a QC 250	6	<input checked="" type="checkbox"/>	250	273.5	109.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	475.9	95.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1024.2	102.4
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1010.2	101.0

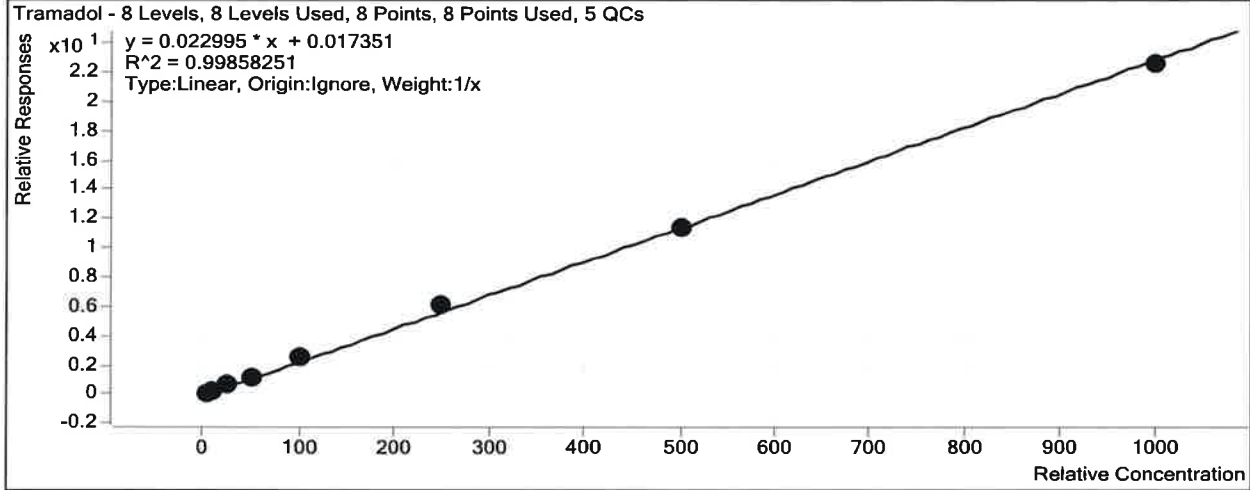
ISP Forensics Calibration Curve Report

TNS

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
TS.batch.bin

Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.5	90.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.6
a QC 10	2	<input checked="" type="checkbox"/>	10	9.1	90.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.1	108.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.4	92.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	109.1	109.1
a QC 100	5	<input checked="" type="checkbox"/>	100	102.9	102.9
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	104.3	104.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.0	105.6
a QC 250	6	<input checked="" type="checkbox"/>	250	286.3	114.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.1	99.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	980.2	98.0
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1017.1	101.7

ISP Forensics Calibration Curve Report

TNS

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517

TS.batch.bin

Last Calib Update

12/21/2017 8:35 AM

Analyst Name

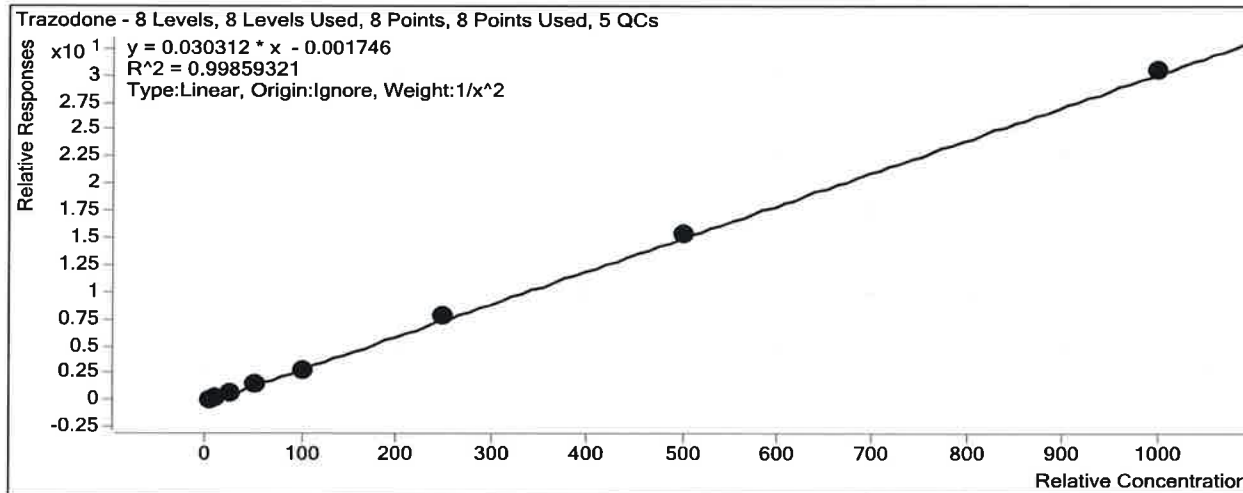
ISP TOX

Target Compound

Trazodone

Internal Standard

Trazodone-D6

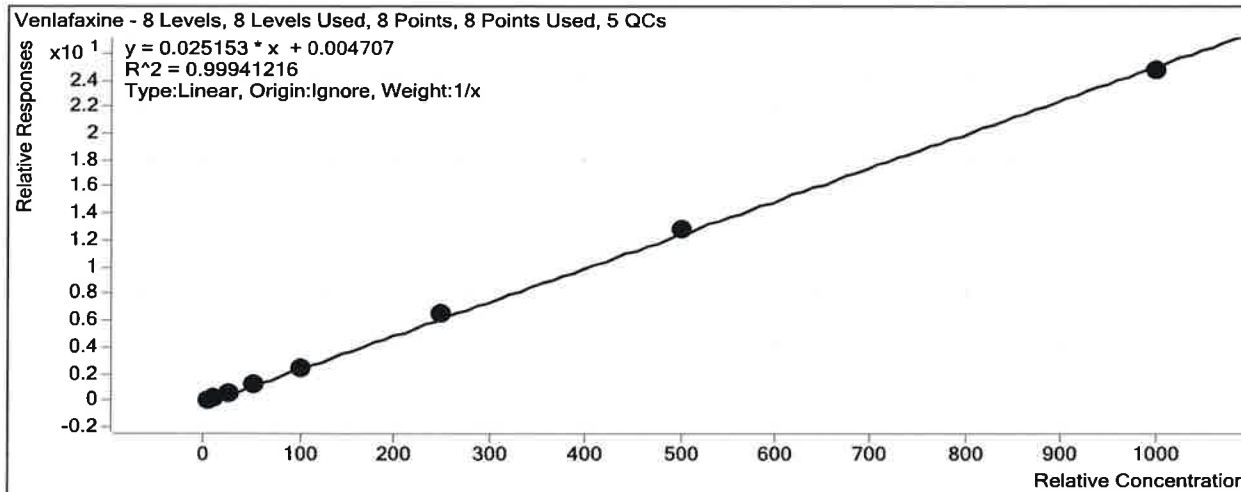


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.4
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	98.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.2	98.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.3	95.3
a QC 100	5	<input checked="" type="checkbox"/>	100	106.6	106.6
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	113.8	113.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.6	103.8
a QC 250	6	<input checked="" type="checkbox"/>	250	263.6	105.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.3	101.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1005.5	100.5
a QC 1000	8	<input checked="" type="checkbox"/>	1000	891.2	89.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
 TS.batch.bin
Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

Target Compound Venlafaxine
Internal Standard Venlafaxine-D6



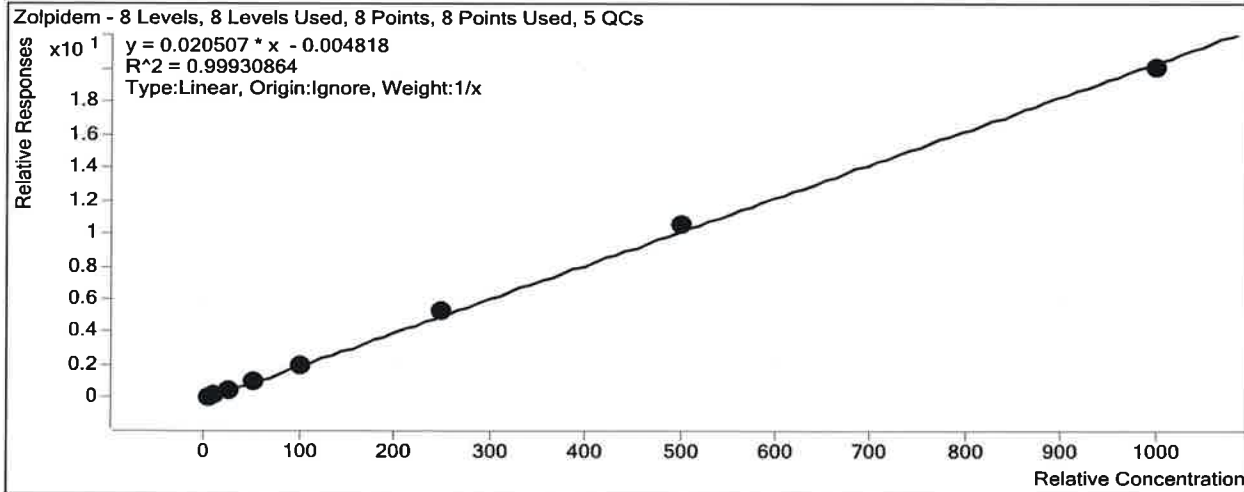
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	92.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.6	97.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.5	100.5
a QC 100	5	<input checked="" type="checkbox"/>	100	104.8	104.8
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	106.6	106.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.4	104.2
a QC 250	6	<input checked="" type="checkbox"/>	250	275.3	110.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	508.9	101.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	981.9	98.2
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1186.5	118.7

ISP Forensics Calibration Curve Report

INS

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517
TS.batch.bin
Last Calib Update 12/21/2017 8:35 AM **Analyst Name** ISP TOX

Target Compound Zolpidem
Internal Standard Zolpidem-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.8	97.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.8	99.8
a QC 100	5	<input checked="" type="checkbox"/>	100	100.6	100.6
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	100.5	100.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.8	103.5
a QC 250	6	<input checked="" type="checkbox"/>	250	288.4	115.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	514.2	102.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	979.0	97.9
a QC 1000	8	<input checked="" type="checkbox"/>	1000	983.0	98.3

ISP FORENSICS - Pocatello Instrument # 59740

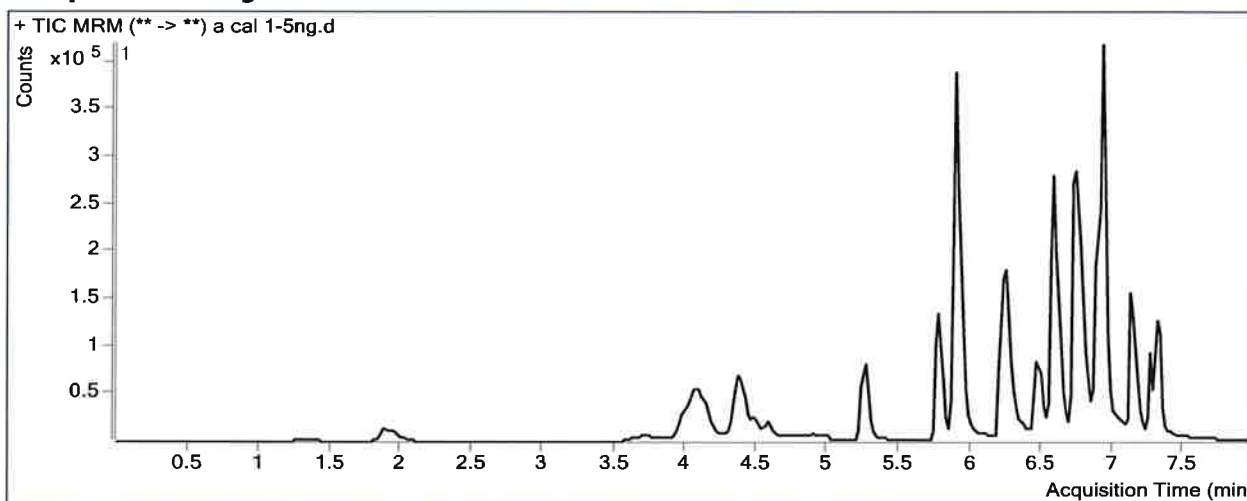
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517 TS.batch.bin
Analysis Time 12/21/2017 8:35 AM **Analyst Name** ISPUser
Report Time 12/21/2017 8:43 AM **Reporter Name** ISPUser
Last Calib Update 12/21/2017 8:35 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 18:27 **Data File** a cal 1-5ng.d
Sample Type Calibration **Sample Name** a cal 1-5ng
Dilution 1 **Acq Method** MD Quant Panel 1a 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
Morphine	Morphine-D6	1.308	3291	16081	0.2046	5.2973
Hydromorphone	Hydromorphone-D6	1.949	12823	86504	0.1482	5.2181
Codeine	Codeine-D6	3.772	4218	33693	0.1252	5.2574
Oxycodone	Oxycodone-D6	4.106	28597	215848	0.1325	5.2557
Amphetamine	Amphetamine-D11	4.143	92553	172258	0.5373	5.0002
Hydrocodone	Hydrocodone-D6	4.391	10592	131151	0.0808	4.5739
Norhydrocodone	Norhydrocodone-D3	4.415	565	34503	0.0164	10.4271
Methamphetamine	Methamphetamine-D11	4.500	55736	181439	0.3072	5.4423
6-MAM	6-MAM-D6	4.608	443	38596	0.0115	0.5879
Phentermine	Phentermine-D5	5.303	21936	301666	0.0727	4.5680
Dextrorphan	Dextrorphan-D3	5.781	22355	365957	0.0611	5.2252
7-aminoclonazepam	7-Aminoclonazepam-D4	5.890	20768	151183	0.1374	4.0405
Tramadol	Tramadol-13C-D3	5.917	128855	1058983	0.1217	4.5369
Doxylamine	Doxylamine-D5	6.240	89156	772669	0.1154	5.1880
Bupropion	Bupropion-D9	6.488	37096	236340	0.1570	5.2290
Meprobamate	Meprobamate-D7	6.571	5809	37751	0.1539	5.1782
Zolpidem	Zolpidem-D6	6.596	94607	922049	0.1026	5.2383
Venlafaxine	Venlafaxine-D6	6.742	99836	730542	0.1367	5.2460
Trazodone	Trazodone-D6	6.814	49958	326562	0.1530	5.1045
Citalopram	Citalopram-D6	6.876	42157	390415	0.1080	4.8797

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report*a cal 1-5ng*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	17887	120355	0.1486	5.8907
Diphenhydramine	Diphenhydramine-D3	6.930	86657	881356	0.0983	5.0405
Promethazine	Promethazine-D3	7.126	51942	384223	0.1352	5.4297
Clonazepam	Clonazepam-D4	7.182	4938	11343	0.4353	5.2365
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	2071	17702	0.1170	6.3137
Carisoprodol	Carisoprodol-D7	7.272	16986	129388	0.1313	5.1813
Lorazepam	Alprazolam-D5	7.302	2009	250712	0.0080	5.2209
Alprazolam	Alprazolam-D5	7.326	44242	250712	0.1765	5.2501

ISP FORENSICS - Pocatello Instrument # 59740

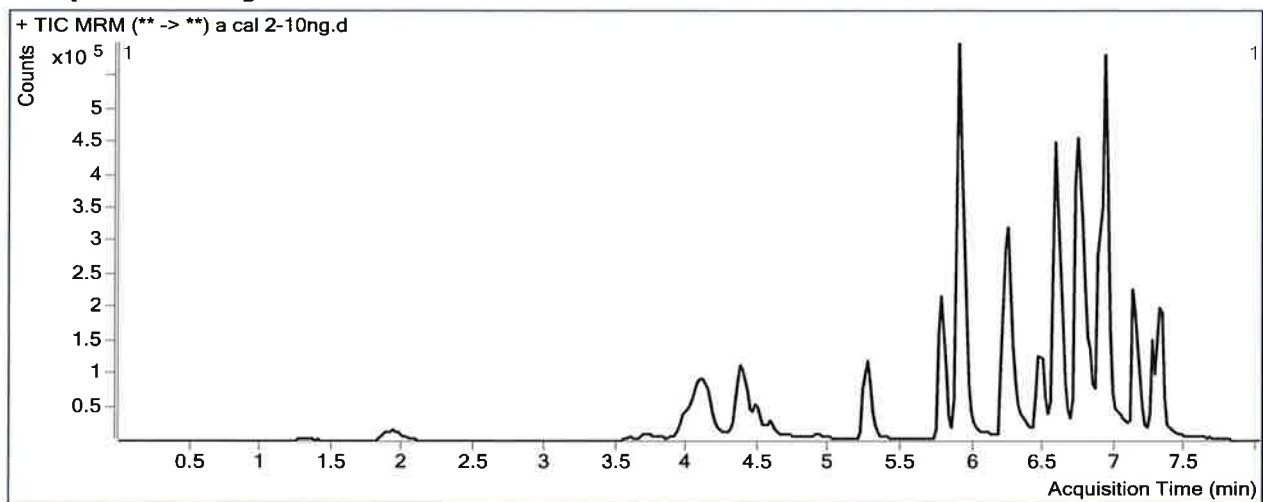
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517 TS.batch.bin
Analysis Time 12/21/2017 8:35 AM **Analyst Name** ISPUser
Report Time 12/21/2017 8:43 AM **Reporter Name** ISPUser
Last Calib Update 12/21/2017 8:35 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 18:59 **Data File** a cal 2-10ng.d
Sample Type Calibration **Sample Name** a cal 2-10ng
Dilution 1 **Acq Method** MD Quant Panel 1a 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
Morphine	Morphine-D6	1.328	5635	15297	0.3683	9.7914
Hydromorphone	Hydromorphone-D6	1.949	25384	90738	0.2798	9.3581
Codeine	Codeine-D6	3.772	10136	45163	0.2244	8.8769
Oxycodone	Oxycodone-D6	4.106	74061	308170	0.2403	9.1878
Amphetamine	Amphetamine-D11	4.143	206119	244342	0.8436	9.4600
Hydrocodone	Hydrocodone-D6	4.391	28650	185594	0.1544	9.0622
Norhydrocodone	Norhydrocodone-D3	4.415	1140	41606	0.0274	13.0151
Methamphetamine	Methamphetamine-D11	4.500	141835	353643	0.4011	8.0433
6-MAM	6-MAM-D6	4.608	1169	53081	0.0220	0.9837
Phentermine	Phentermine-D5	5.303	50019	446053	0.1121	8.4063
Dextrophan	Dextrophan-D3	5.781	55358	507942	0.1090	9.2075
7-aminoclonazepam	7-Aminoclonazepam-D4	5.890	55994	213730	0.2620	9.0926
Tramadol	Tramadol-13C-D3	5.917	338603	1427180	0.2373	9.5629
Doxylamine	Doxylamine-D5	6.240	235651	1140050	0.2067	9.0196
Bupropion	Bupropion-D9	6.488	89449	316773	0.2824	9.2715
Meprobamate	Meprobamate-D7	6.591	13986	53013	0.2638	8.8549
Zolpidem	Zolpidem-D6	6.596	252180	1330941	0.1895	9.4744
Venlafaxine	Venlafaxine-D6	6.742	249794	1055229	0.2367	9.2241
Trazodone	Trazodone-D6	6.814	127586	443836	0.2875	9.5409
Citalopram	Citalopram-D6	6.876	105285	504839	0.2086	9.3515

TNS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

a cal 2-10ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.927	37998	151748	0.2504	9.3423
Diphenhydramine	Diphenhydramine-D3	6.930	194156	1019107	0.1905	9.7813
Promethazine	Promethazine-D3	7.126	126025	497917	0.2531	9.7490
Clonazepam	Clonazepam-D4	7.182	13521	16140	0.8377	8.9758
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	5879	25429	0.2312	10.4322
Carisoprodol	Carisoprodol-D7	7.272	48671	206776	0.2354	9.0888
Lorazepam	Alprazolam-D5	7.302	5144	360463	0.0143	8.9666
Alprazolam	Alprazolam-D5	7.326	111797	360463	0.3101	9.1248

ISP FORENSICS - Pocatello Instrument # 59740

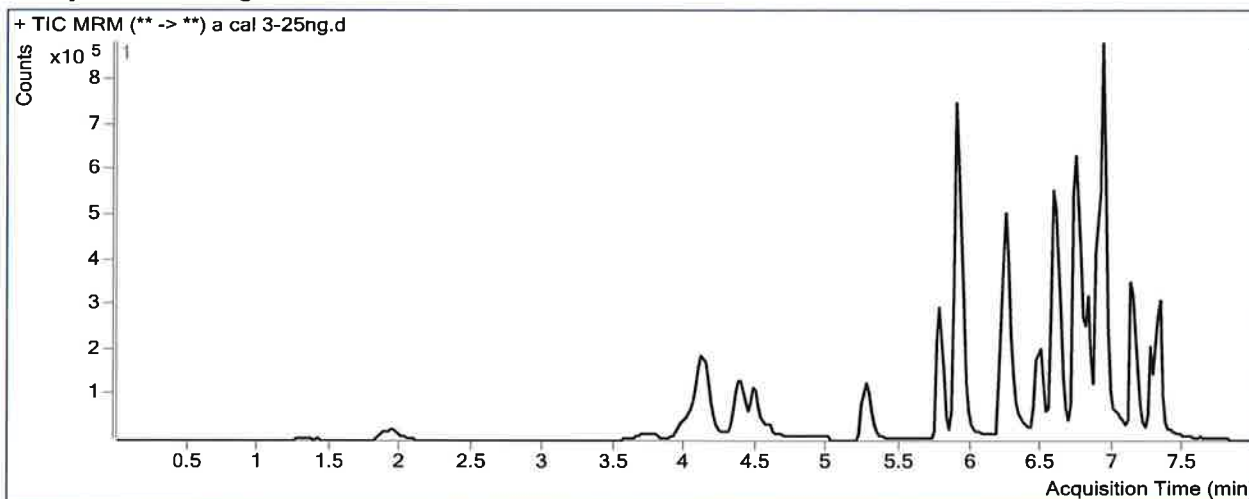
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517 TS.batch.bin
Analysis Time 12/21/2017 8:35 AM **Analyst Name** ISUser
Report Time 12/21/2017 8:44 AM **Reporter Name** ISUser
Last Calib Update 12/21/2017 8:35 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 19:30 **Data File** a cal 3-25ng.d
Sample Type Calibration **Sample Name** a cal 3-25ng
Dilution 1 **Acq Method** MD Quant Panel 1a 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
Morphine	Morphine-D6	1.328	14349	14612	0.9820	26.6370
Hydromorphone	Hydromorphone-D6	1.949	64890	86823	0.7474	24.0782
Codeine	Codeine-D6	3.752	26565	42951	0.6185	23.2516
Oxycodone	Oxycodone-D6	4.106	197096	293960	0.6705	24.8728
Amphetamine	Amphetamine-D11	4.143	465871	228719	2.0369	26.8361
Hydrocodone	Hydrocodone-D6	4.391	73641	177582	0.4147	24.9354
Norhydrocodone	Norhydrocodone-D3	4.435	3144	41908	0.0750	24.1916
Methamphetamine	Methamphetamine-D11	4.479	345428	325446	1.0614	26.3382
6-MAM	6-MAM-D6	4.587	3010	51113	0.0589	2.3697
Phentermine	Phentermine-D5	5.303	131519	448435	0.2933	26.0437
Dextroprphan	Dextroprphan-D3	5.781	155898	532302	0.2929	24.4967
7-aminoclonazepam	7-Aminoclonazepam-D4	5.890	142953	203090	0.7039	27.0074
Tramadol	Tramadol-13C-D3	5.917	876611	1369499	0.6401	27.0812
Doxylamine	Doxylamine-D5	6.240	678255	1100295	0.6164	26.2116
Bupropion	Bupropion-D9	6.488	211006	285044	0.7403	24.0302
Meprobamate	Meprobamate-D7	6.571	36469	49601	0.7352	24.6182
Zolpidem	Zolpidem-D6	6.596	650693	1296567	0.5019	24.7073
Venlafaxine	Venlafaxine-D6	6.742	668452	1043847	0.6404	25.2721
Trazodone	Trazodone-D6	6.814	357672	461569	0.7749	25.6216
Citalopram	Citalopram-D6	6.876	302170	536970	0.5627	25.0998

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report*a cal 3-25ng*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	118420	173234	0.6836	24.0330
Diphenhydramine	Diphenhydramine-D3	6.930	587532	1190354	0.4936	25.3653
Promethazine	Promethazine-D3	7.126	365119	582685	0.6266	23.4306
Clonazepam	Clonazepam-D4	7.182	36322	14126	2.5712	25.0868
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	14389	24638	0.5840	23.1551
Carisoprodol	Carisoprodol-D7	7.272	127613	182977	0.6974	26.4327
Lorazepam	Alprazolam-D5	7.302	14013	334531	0.0419	25.4980
Alprazolam	Alprazolam-D5	7.326	281651	334531	0.8419	24.5380

ISP FORENSICS - Pocatello Instrument # 59740

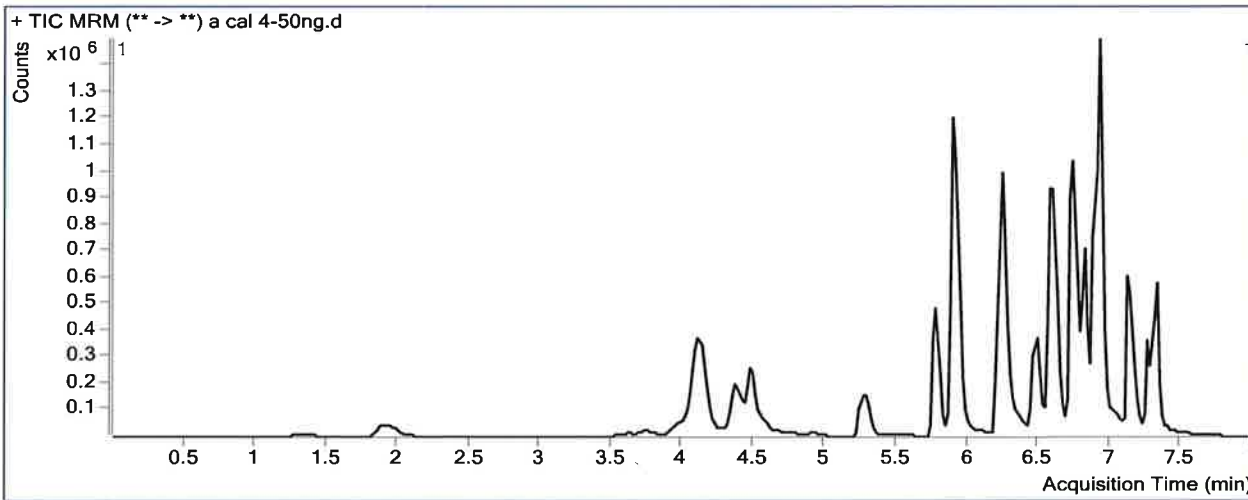
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517 TS.batch.bin
Analysis Time 12/21/2017 8:35 AM **Analyst Name** ISPUser
Report Time 12/21/2017 8:44 AM **Reporter Name** ISPUser
Last Calib Update 12/21/2017 8:35 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 20:02 **Data File** a cal 4-50ng.d
Sample Type Calibration **Sample Name** a cal 4-50ng
Dilution 1 **Acq Method** MD Quant Panel 1a 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
Morphine	Morphine-D6	1.328	31676	18836	1.6817	45.8420
Hydromorphone	Hydromorphone-D6	1.949	152657	103019	1.4818	47.1968
Codeine	Codeine-D6	3.772	33425	23457	1.4249	52.6673
Oxycodone	Oxycodone-D6	4.106	471815	354833	1.3297	48.9090
Amphetamine	Amphetamine-D11	4.143	1030875	267553	3.8530	53.2813
Hydrocodone	Hydrocodone-D6	4.391	177425	211123	0.8404	50.8929
Norhydrocodone	Norhydrocodone-D3	4.435	7733	45005	0.1718	46.9076
Methamphetamine	Methamphetamine-D11	4.479	868642	464852	1.8686	48.7035
6-MAM	6-MAM-D6	4.587	7107	57576	0.1234	4.7957
Phentermine	Phentermine-D5	5.303	303834	536639	0.5662	52.6139
Dextrorphan	Dextrorphan-D3	5.781	355437	613652	0.5792	48.3040
7-aminoclonazepam	7-Aminoclonazepam-D4	5.890	316204	248252	1.2737	50.1085
Tramadol	Tramadol-13C-D3	5.917	1888336	1742720	1.0836	46.3659
Doxylamine	Doxylamine-D5	6.240	1520616	1283157	1.1851	50.0710
Bupropion	Bupropion-D9	6.488	516157	339855	1.5188	49.1234
Meprobamate	Meprobamate-D7	6.571	87959	56634	1.5531	51.9671
Zolpidem	Zolpidem-D6	6.596	1562094	1568372	0.9960	48.8032
Venlafaxine	Venlafaxine-D6	6.742	1532585	1249742	1.2263	48.5675
Trazodone	Trazodone-D6	6.814	916047	614722	1.4902	49.2184
Citalopram	Citalopram-D6	6.876	749469	658748	1.1377	50.6660

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report*a cal 4-50ng*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	276255	203231	1.3593	46.9495
Diphenhydramine	Diphenhydramine-D3	6.930	1403709	1438393	0.9759	50.1666
Promethazine	Promethazine-D3	7.126	894117	654630	1.3658	50.5083
Clonazepam	Clonazepam-D4	7.182	96046	18677	5.1426	48.9836
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	34518	27768	1.2431	46.9232
Carisoprodol	Carisoprodol-D7	7.272	281361	216312	1.3007	49.0783
Lorazepam	Alprazolam-D5	7.302	31552	388689	0.0812	49.0131
Alprazolam	Alprazolam-D5	7.326	644384	388689	1.6578	48.1866

ISP FORENSICS - Pocatello Instrument # 59740

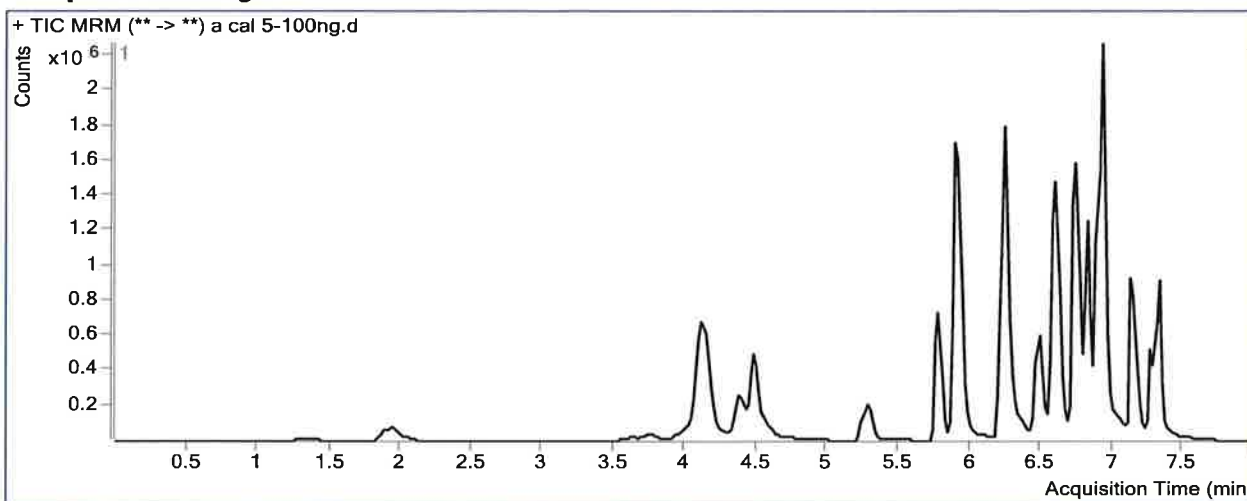
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517 TS.batch.bin
Analysis Time 12/21/2017 8:35 AM **Analyst Name** ISPUser
Report Time 12/21/2017 8:44 AM **Reporter Name** ISPUser
Last Calib Update 12/21/2017 8:35 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 20:34 **Data File** a cal 5-100ng.d
Sample Type Calibration **Sample Name** a cal 5-100ng
Dilution 1 **Acq Method** MD Quant Panel 1a 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
Morphine	Morphine-D6	1.328	58932	16821	3.5035	95.8529
Hydromorphone	Hydromorphone-D6	1.949	285761	90472	3.1585	99.9760
Codeine	Codeine-D6	3.752	61666	20590	2.9949	109.9354
Oxycodone	Oxycodone-D6	4.106	902427	328762	2.7449	100.5131
Amphetamine	Amphetamine-D11	4.123	2022947	248958	8.1257	115.4976
Hydrocodone	Hydrocodone-D6	4.391	338576	189536	1.7863	108.5733
Norhydrocodone	Norhydrocodone-D3	4.415	14092	42743	0.3297	83.9601
Methamphetamine	Methamphetamine-D11	4.479	1655164	451581	3.6653	98.4804
6-MAM	6-MAM-D6	4.587	12887	52470	0.2456	9.3872
Phentermine	Phentermine-D5	5.303	587441	506171	1.1606	110.4857
Dextrorphan	Dextrorphan-D3	5.781	687295	564830	1.2168	101.3160
7-aminoclonazepam	7-Aminoclonazepam-D4	5.890	626833	214384	2.9239	117.0062
Tramadol	Tramadol-13C-D3	5.917	3803221	1505151	2.5268	109.1282
Doxylamine	Doxylamine-D5	6.240	2998785	1212503	2.4732	104.1218
Bupropion	Bupropion-D9	6.488	917211	300870	3.0485	98.4321
Meprobamate	Meprobamate-D7	6.571	158685	55004	2.8850	96.5028
Zolpidem	Zolpidem-D6	6.596	2795475	1369109	2.0418	99.8012
Venlafaxine	Venlafaxine-D6	6.742	2921311	1153784	2.5319	100.4748
Trazodone	Trazodone-D6	6.814	1599857	553954	2.8881	95.3345
Citalopram	Citalopram-D6	6.876	1363124	606674	2.2469	99.9839

TNS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

a cal 5-100ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	539972	186291	2.8985	99.1499
Diphenhydramine	Diphenhydramine-D3	6.930	2494441	1334815	1.8688	96.0794
Promethazine	Promethazine-D3	7.126	1743479	628209	2.7753	102.1373
Clonazepam	Clonazepam-D4	7.182	162879	13988	11.6444	109.4092
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	63163	26251	2.4061	88.8644
Carisoprodol	Carisoprodol-D7	7.272	492892	190182	2.5917	97.5373
Lorazepam	Alprazolam-D5	7.302	62630	329106	0.1903	114.3307
Alprazolam	Alprazolam-D5	7.326	1133616	329106	3.4445	99.9723

ISP FORENSICS - Pocatello Instrument # 59740

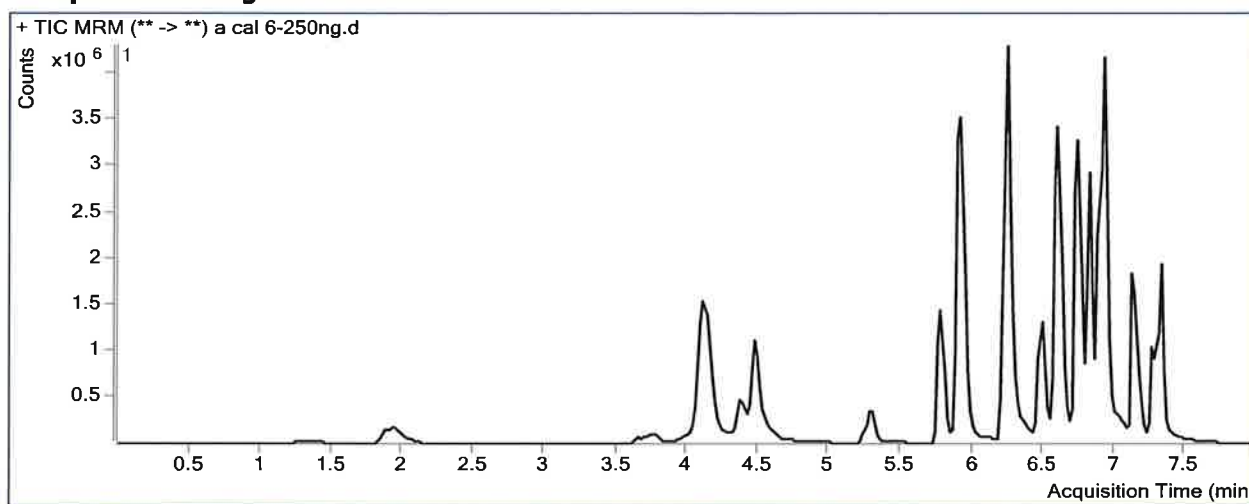
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517 TS.batch.bin
Analysis Time 12/21/2017 8:35 AM **Analyst Name** ISPUser
Report Time 12/21/2017 8:44 AM **Reporter Name** ISPUser
Last Calib Update 12/21/2017 8:35 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 21:05 **Data File** a cal 6-250ng.d
Sample Type Calibration **Sample Name** a cal 6-250ng
Dilution 1 **Acq Method** MD Quant Panel 1a 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
Morphine	Morphine-D6	1.328	146241	15740	9.2910	254.7187
Hydromorphone	Hydromorphone-D6	1.949	724861	87169	8.3156	262.3094
Codeine	Codeine-D6	3.752	284191	40730	6.9774	255.2044
Oxycodone	Oxycodone-D6	4.106	2352738	325965	7.2178	263.6065
Amphetamine	Amphetamine-D11	4.123	4024989	237429	16.9524	244.0273
Hydrocodone	Hydrocodone-D6	4.371	824728	184017	4.4818	272.9314
Norhydrocodone	Norhydrocodone-D3	4.415	34512	35689	0.9670	233.5326
Methamphetamine	Methamphetamine-D11	4.479	3679342	363982	10.1086	276.9976
6-MAM	6-MAM-D6	4.587	31736	49085	0.6465	24.4565
Phentermine	Phentermine-D5	5.303	1273327	452184	2.8159	271.6624
Dextrorphan	Dextrorphan-D3	5.781	1639289	508233	3.2255	268.3213
7-aminoclonazepam	7-Aminoclonazepam-D4	5.890	1373468	207100	6.6319	267.3310
Tramadol	Tramadol-13C-D3	5.917	8727979	1433462	6.0887	264.0257
Doxylamine	Doxylamine-D5	6.240	6926293	1172647	5.9065	248.1829
Bupropion	Bupropion-D9	6.488	2176431	275774	7.8921	254.5528
Meprobamate	Meprobamate-D7	6.591	392545	46898	8.3702	279.9229
Zolpidem	Zolpidem-D6	6.596	7256414	1368612	5.3020	258.7800
Venlafaxine	Venlafaxine-D6	6.742	7102413	1083506	6.5550	260.4201
Trazodone	Trazodone-D6	6.814	3950851	502220	7.8668	259.5813
Citalopram	Citalopram-D6	6.876	2941683	513756	5.7258	254.6725

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

a cal 6-250ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	1150072	159573	7.2072	245.2714
Diphenhydramine	Diphenhydramine-D3	6.930	5927851	1123769	5.2750	271.2336
Promethazine	Promethazine-D3	7.126	3713221	548239	6.7730	248.5720
Clonazepam	Clonazepam-D4	7.182	376634	13098	28.7551	268.4303
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	158579	25338	6.2585	227.7882
Carisoprodol	Carisoprodol-D7	7.272	1151544	163764	7.0318	264.2034
Lorazepam	Alprazolam-D5	7.322	111928	293203	0.3817	228.9175
Alprazolam	Alprazolam-D5	7.326	2597262	293203	8.8582	256.8843

ISP FORENSICS - Pocatello Instrument # 59740

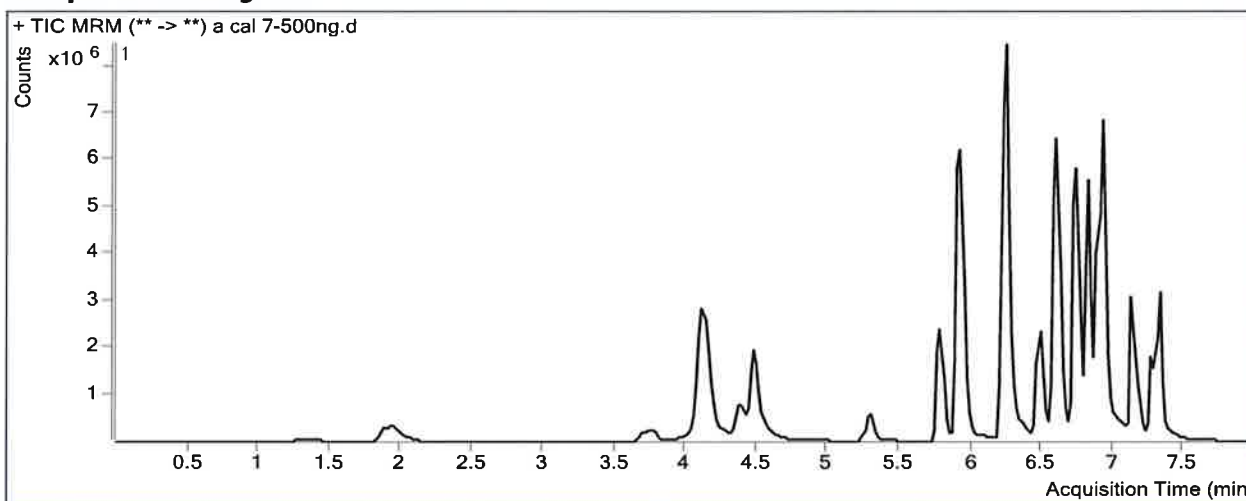
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517 TS.batch.bin
Analysis Time 12/21/2017 8:35 AM **Analyst Name** ISPUser
Report Time 12/21/2017 8:44 AM **Reporter Name** ISPUser
Last Calib Update 12/21/2017 8:35 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 21:37 **Data File** a cal 7-500ng.d
Sample Type Calibration **Sample Name** a cal 7-500ng
Dilution 1 **Acq Method** MD Quant Panel 1a 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
Morphine	Morphine-D6	1.328	312386	17146	18.2196	499.8096
Hydromorphone	Hydromorphone-D6	1.949	1489732	90999	16.3709	515.8705
Codeine	Codeine-D6	3.752	531167	41070	12.9331	472.4499
Oxycodone	Oxycodone-D6	4.106	4833654	344108	14.0469	512.6182
Amphetamine	Amphetamine-D11	4.123	6800686	217446	31.2753	452.5894
Hydrocodone	Hydrocodone-D6	4.371	1592202	187577	8.4883	517.2296
Norhydrocodone	Norhydrocodone-D3	4.415	64975	31837	2.0409	485.5521
Methamphetamine	Methamphetamine-D11	4.479	6424012	359385	17.8750	492.1729
6-MAM	6-MAM-D6	4.587	67146	50396	1.3324	50.2336
Phentermine	Phentermine-D5	5.303	2186586	428763	5.0997	494.0244
Dextrorphan	Dextrorphan-D3	5.781	2859918	488488	5.8546	486.9175
7-aminoclonazepam	7-Aminoclonazepam-D4	5.890	2386052	194667	12.2571	495.3770
Tramadol	Tramadol-13C-D3	5.917	16477424	1433547	11.4942	499.0904
Doxylamine	Doxylamine-D5	6.240	13942396	1223755	11.3931	478.3979
Bupropion	Bupropion-D9	6.488	3894920	243821	15.9745	515.0706
Meprobamate	Meprobamate-D7	6.571	703320	47312	14.8656	497.1202
Zolpidem	Zolpidem-D6	6.596	14477670	1373586	10.5401	514.2046
Venlafaxine	Venlafaxine-D6	6.742	13587902	1061076	12.8058	508.9299
Trazodone	Trazodone-D6	6.814	7701138	498890	15.4365	509.3060
Citalopram	Citalopram-D6	6.876	5462846	435587	12.5413	557.7180

TMS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

a cal 7-500ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	2106118	141568	14.8771	505.3826
Diphenhydramine	Diphenhydramine-D3	6.930	10239531	1035812	9.8855	508.3163
Promethazine	Promethazine-D3	7.126	6215168	478820	12.9802	475.9406
Clonazepam	Clonazepam-D4	7.182	808049	16515	48.9267	455.8977
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	314200	23079	13.6143	493.0498
Carisoprodol	Carisoprodol-D7	7.272	1943003	150246	12.9321	485.6859
Lorazepam	Alprazolam-D5	7.302	389693	256883	1.5170	908.4310
Alprazolam	Alprazolam-D5	7.326	4606491	256883	17.9323	519.8882

ISP FORENSICS - Pocatello Instrument # 59740

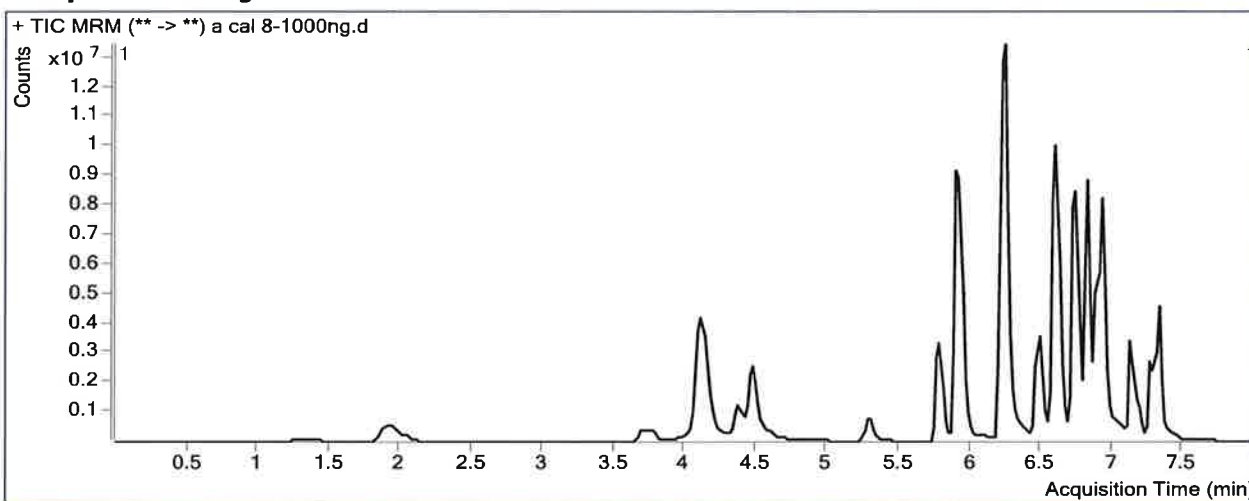
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1a 121517 TS.batch.bin
Analysis Time 12/21/2017 8:35 AM **Analyst Name** ISPUser
Report Time 12/21/2017 8:44 AM **Reporter Name** ISPUser
Last Calib Update 12/21/2017 8:35 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 22:08 **Data File** a cal 8-1000ng.d
Sample Type Calibration **Sample Name** a cal 8-1000ng
Dilution 1 **Acq Method** MD Quant Panel 1a 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
Morphine	Morphine-D6	1.328	549791	15056	36.5162	1002.0510
Hydromorphone	Hydromorphone-D6	1.949	2549470	77747	32.7918	1032.7632
Codeine	Codeine-D6	3.752	910439	32827	27.7344	1012.3571
Oxycodone	Oxycodone-D6	4.106	8422579	306866	27.4471	1001.2282
Amphetamine	Amphetamine-D11	4.123	9701691	160269	60.5339	878.6352
Hydrocodone	Hydrocodone-D6	4.371	2643139	169267	15.6152	951.8013
Norhydrocodone	Norhydrocodone-D3	4.415	110256	24850	4.4368	1047.8409
Methamphetamine	Methamphetamine-D11	4.479	8565107	235997	36.2933	1002.4669
6-MAM	6-MAM-D6	4.587	111333	41418	2.6880	101.1858
Phentermine	Phentermine-D5	5.303	3124469	312107	10.0109	972.1957
Dextrophan	Dextrophan-D3	5.781	4156612	336236	12.3622	1027.9759
7-aminoclonazepam	7-Aminoclonazepam-D4	5.890	3884265	162078	23.9655	970.0368
Tramadol	Tramadol-13C-D3	5.917	28571777	1266609	22.5577	980.2088
Doxylamine	Doxylamine-D5	6.240	25152418	1035238	24.2963	1019.8084
Bupropion	Bupropion-D9	6.488	5886449	180610	32.5921	1050.6994
Meprobamate	Meprobamate-D7	6.571	1113635	38162	29.1818	975.8357
Zolpidem	Zolpidem-D6	6.596	24021203	1196781	20.0715	978.9910
Venlafaxine	Venlafaxine-D6	6.742	21197292	858139	24.7015	981.8655
Trazodone	Trazodone-D6	6.814	12127904	397933	30.4772	1005.4960
Citalopram	Citalopram-D6	6.876	6168219	292533	21.0856	937.6286

TNS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

a cal 8-1000ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	2527330	85443	29.5792	1003.9807
Diphenhydramine	Diphenhydramine-D3	6.930	11925857	656955	18.1532	933.4577
Promethazine	Promethazine-D3	7.126	7384146	264204	27.9486	1024.2326
Clonazepam	Clonazepam-D4	7.182	1338608	12551	106.6523	992.3789
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	568277	19679	28.8777	1043.4734
Carisoprodol	Carisoprodol-D7	7.292	2992177	110966	26.9648	1012.4276
Lorazepam	Alprazolam-D5	7.302	706199	192698	3.6648	2193.9946
Alprazolam	Alprazolam-D5	7.326	6815083	192698	35.3667	1025.2111

ISP FORENSICS - Pocatello Instrument # 59740

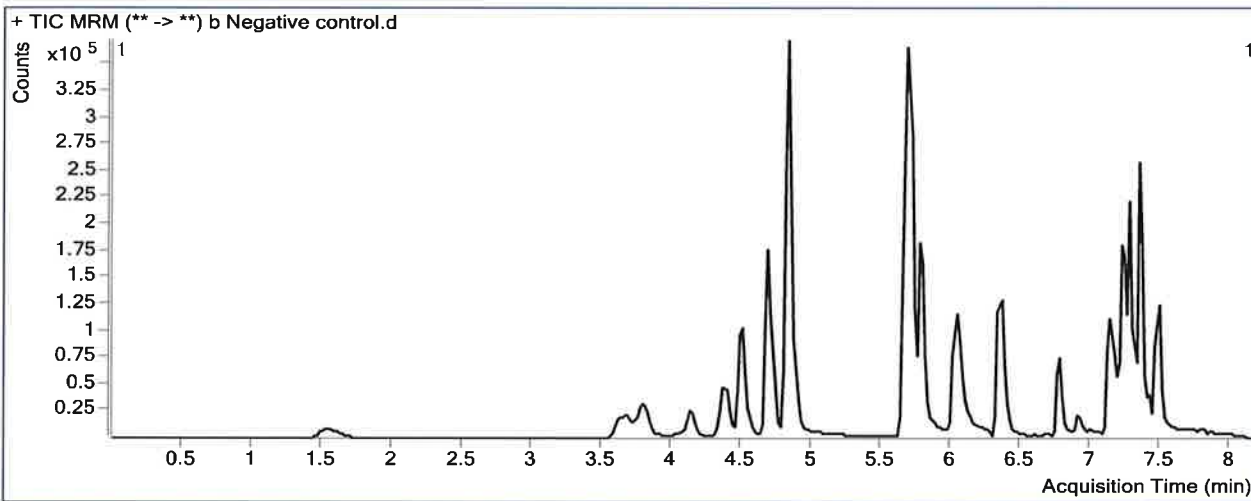
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517 TS.batch.bin
Analysis Time 12/20/2017 4:44 PM **Analyst Name** ISPUser
Report Time 12/21/2017 8:29 AM **Reporter Name** ISPUser
Last Calib Update 12/20/2017 4:44 PM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 23:11 **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-C11 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	4218	411487	0.0103	0.5750
Buprenorphine	Buprenorphine-D4	7.537	4914	86469	0.0568	1.2618

ISP FORENSICS - Pocatello Instrument # 59740

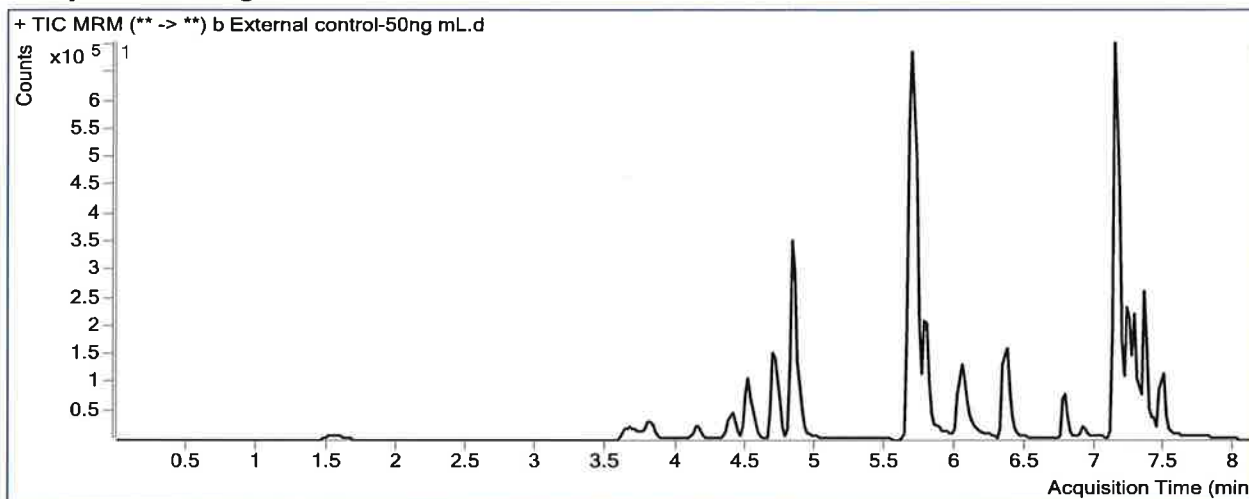
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517 TS.batch.bin
Analysis Time 12/20/2017 4:44 PM **Analyst Name** ISPUser
Report Time 12/21/2017 8:29 AM **Reporter Name** ISPUser
Last Calib Update 12/20/2017 4:44 PM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 23:43 **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-B11 **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
Ketamine	Ketamine-D4	5.701	1098244	739064	1.4860	64.5867
Quetiapine	Quetiapine-D8	7.138	1089814	235371	4.6302	48.0875
Fluoxetine	Fluoxetine-D6	7.284	2103	360991	0.0058	0.3855
Buprenorphine	Buprenorphine-D4	7.496	4309	103975	0.0414	0.9501

ISP FORENSICS - Pocatello Instrument # 59740

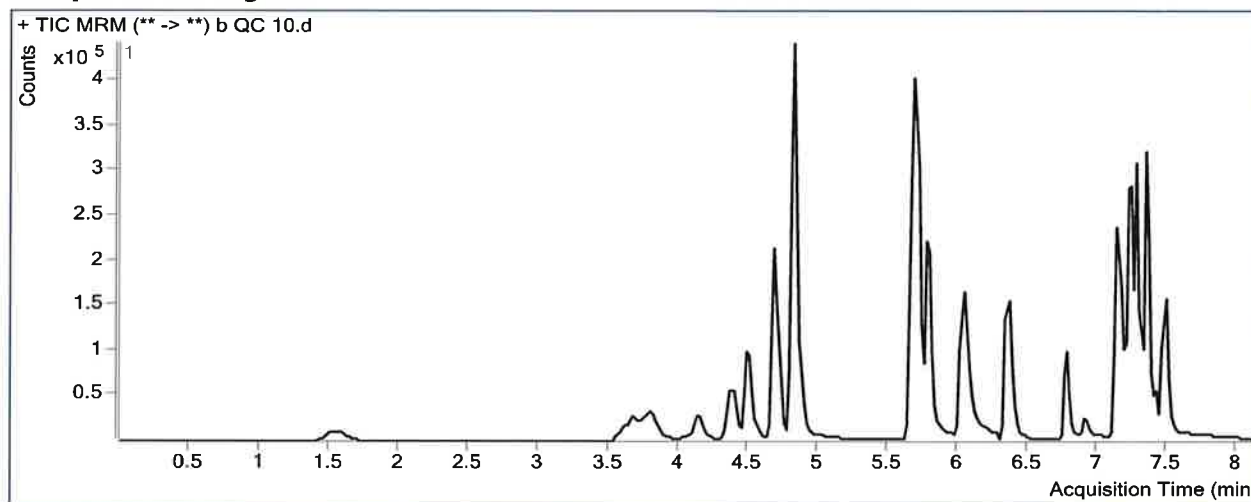
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517 TS.batch.bin
Analysis Time 12/20/2017 4:44 PM **Analyst Name** ISPUser
Report Time 12/21/2017 8:29 AM **Reporter Name** ISPUser
Last Calib Update 12/20/2017 4:44 PM **Batch State** Processed

Analysis Info

Acq Time 2017-12-16 00:14 **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	1.548	22784	78396	0.2906	9.8463
Dihydrocodeine	Dihydrocodeine-D6	3.715	31191	151182	0.2063	10.4922
Naloxone	Naloxone-D5	3.851	32381	185878	0.1742	9.7850
Noroxycodone	Noroxycodone-D3	4.179	30966	115581	0.2679	9.9218
Naltrexone	Naltrexone-D3	4.391	40660	182933	0.2223	10.0626
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	10782	399523	0.0270	0.9915
Naltrexol	Naltrexol-D3	4.709	130621	519983	0.2512	9.5975
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.838	292524	1178502	0.2482	10.0958
Ketamine	Ketamine-D4	5.681	162883	721898	0.2256	9.7042
Norfentanyl	Norfentanyl-D5	5.722	14196	731405	0.0194	1.0096
alpha-PVP	alpha-PVP-d8	6.047	116565	551471	0.2114	10.1592
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	8079	534104	0.0151	1.0734
Norbuprenorphine	Norbuprenorphine-D3	6.692	110	4464	0.0247	2.9089
Fentanyl	Fentanyl-D5	6.780	6065	293488	0.0207	1.0501
EDDP	EDDP-D3	6.910	10619	58806	0.1806	9.7218
Quetiapine	Quetiapine-D8	7.138	199572	209477	0.9527	9.3028
Sufentanil	Sufentanil-D5	7.158	3970	210046	0.0189	1.1905
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	39387	167618	0.2350	9.2949
Methadone	Methadone-D9	7.242	163655	544500	0.3006	10.5989

Not
evaluated
TS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report b QC 10

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	110956	435991	0.2545	11.0375
Oxazepam	Oxazepam-D5	7.309	5874	33939	0.1731	9.7786
Sertraline	Sertraline-D3	7.345	51632	204699	0.2522	10.9287
Temazepam	Temazepam-D5	7.367	53996	288689	0.1870	10.6871
Buprenorphine	Buprenorphine-D4	7.376	4009	85427	0.0469	1.0612
Nordiazepam	Nordiazepam-D5	7.434	17432	48355	0.3605	11.6771
Diazepam	Diazepam-D5	7.490	65425	245056	0.2670	10.4920

ISP FORENSICS - Pocatello Instrument # 59740

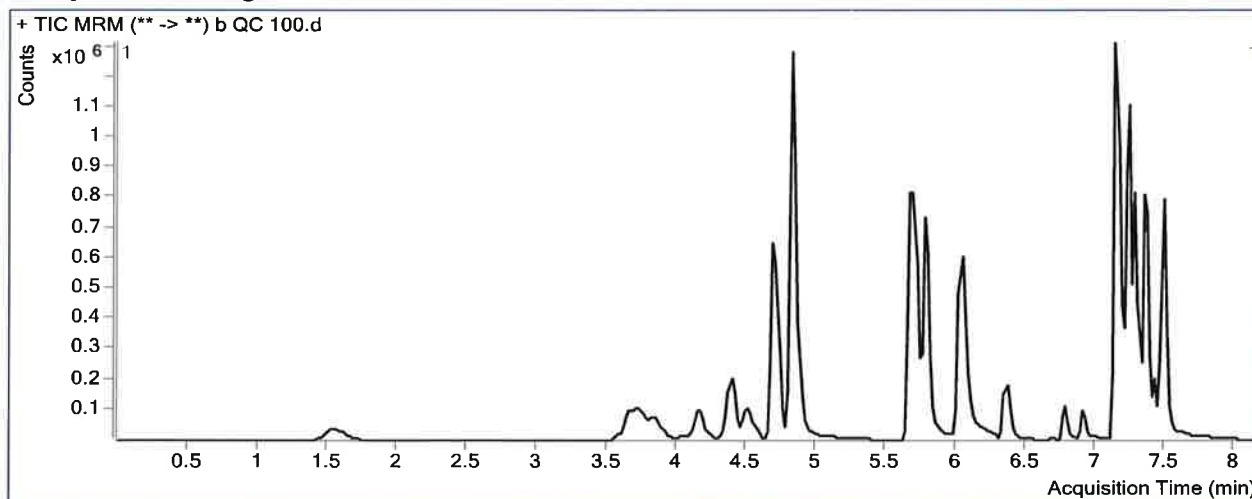
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517 TS.batch.bin
Analysis Time 12/20/2017 4:44 PM **Analyst Name** ISPUser
Report Time 12/21/2017 8:30 AM **Reporter Name** ISPUser
Last Calib Update 12/20/2017 4:44 PM **Batch State** Processed

Analysis Info

Acq Time 2017-12-16 03:08 **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	1.548	240663	78872	3.0513	103.9845
Dihydrocodeine	Dihydrocodeine-D6	3.715	337408	148722	2.2687	114.4560
Naloxone	Naloxone-D5	3.851	339307	177641	1.9101	100.4694
Noroxycodone	Noroxycodone-D3	4.179	354695	120862	2.9347	102.1318
Naltrexone	Naltrexone-D3	4.391	384018	166968	2.2999	105.8655
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	109117	406773	0.2683	9.4140
Naltrexol	Naltrexol-D3	4.709	1313725	515424	2.5488	102.5131
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.838	3060166	1204852	2.5399	102.6346
Ketamine	Ketamine-D4	5.681	1713271	707159	2.4228	105.3781
Norfentanyl	Norfentanyl-D5	5.722	153635	740130	0.2076	9.2753
alpha-PVP	alpha-PVP-d8	6.047	1233761	575586	2.1435	101.2149
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	77579	506982	0.1530	9.9572
Norbuprenorphine	Norbuprenorphine-D3	6.692	731	4090	0.1787	10.3194
Fentanyl	Fentanyl-D5	6.780	53676	260823	0.2058	9.1578
EDDP	EDDP-D3	6.910	156790	73632	2.1294	102.5876
Quetiapine	Quetiapine-D8	7.138	2240613	215669	10.3891	108.8240
Sufentanil	Sufentanil-D5	7.158	41620	180367	0.2307	10.1821
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	429878	160919	2.6714	105.7555
Methadone	Methadone-D9	7.242	1336876	541924	2.4669	86.9455

Not evaluated

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report b GC 100

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	1029028	428775	2.3999	102.9414
Oxazepam	Oxazepam-D5	7.309	66042	38004	1.7378	100.8081
Sertraline	Sertraline-D3	7.345	455469	179365	2.5393	103.5248
Temazepam	Temazepam-D5	7.367	570426	290472	1.9638	101.2087
Buprenorphine	Buprenorphine-D4	7.396	40067	88541	0.4525	9.2787
Nordiazepam	Nordiazepam-D5	7.434	181508	42838	4.2371	115.6305
Diazepam	Diazepam-D5	7.490	637470	214020	2.9785	116.5463

ISP FORENSICS - Pocatello Instrument # 59740

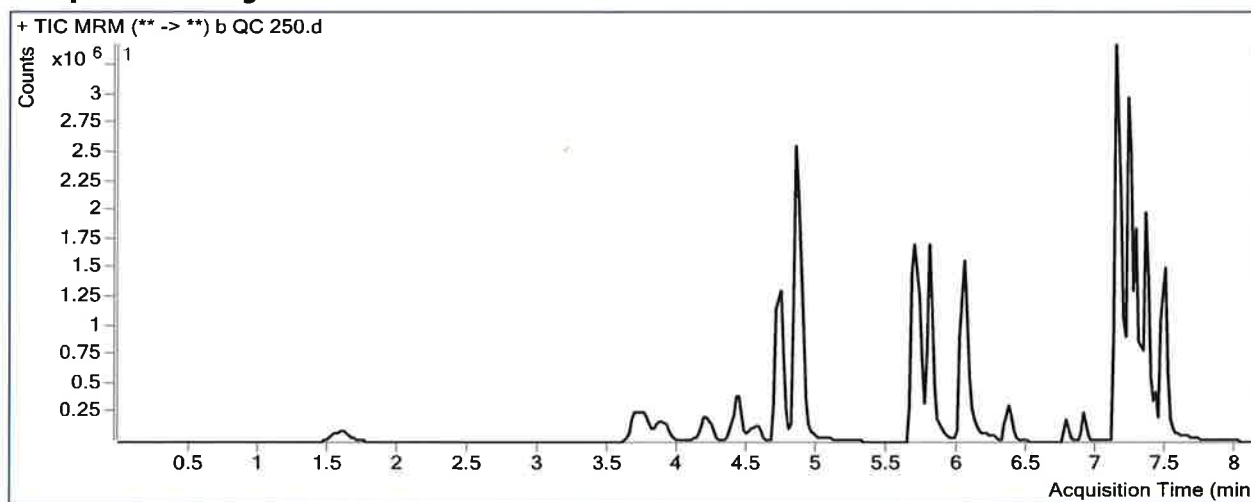
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517 TS.batch.bin
Analysis Time 12/20/2017 4:44 PM **Analyst Name** ISPUser
Report Time 12/21/2017 8:30 AM **Reporter Name** ISPUser
Last Calib Update 12/20/2017 4:44 PM **Batch State** Processed

Analysis Info

Acq Time 2017-12-16 08:46 **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	1.588	648383	76094	8.5208	290.4893
Dihydrocodeine	Dihydrocodeine-D6	3.755	872917	152743	5.7149	288.1775
Naloxone	Naloxone-D5	3.889	869069	160225	5.4241	284.0458
Noroxycodone	Noroxycodone-D3	4.219	869974	112434	7.7376	268.2010
Naltrexone	Naltrexone-D3	4.432	919554	144180	6.3778	293.8975
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.583	283124	343650	0.8239	28.8106
Naltrexol	Naltrexol-D3	4.729	3108618	455709	6.8215	275.3000
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.858	7565314	1135832	6.6606	269.0328
Ketamine	Ketamine-D4	5.701	4503210	701308	6.4212	279.4889
Norfentanyl	Norfentanyl-D5	5.742	428673	713566	0.6007	26.5462
alpha-PVP	alpha-PVP-d8	6.047	3279905	573759	5.7165	269.6028
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	252847	596734	0.4237	27.3965
Norbuprenorphine	Norbuprenorphine-D3	6.692	2044	5093	0.4014	21.0304
Fentanyl	Fentanyl-D5	6.780	170821	302552	0.5646	24.8714
EDDP	EDDP-D3	6.910	447669	79346	5.6420	269.9725
Quetiapine	Quetiapine-D8	7.138	5996480	227105	26.4040	277.7259
Sufentanil	Sufentanil-D5	7.158	147075	217386	0.6766	29.1039
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	1270799	181524	7.0007	277.1582
Methadone	Methadone-D9	7.222	4851193	615473	7.8821	277.7866

Not evaluated

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

b QC 250

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	2609619	401149	6.5054	278.8063
Oxazepam	Oxazepam-D5	7.308	197085	39010	5.0522	293.6331
Sertraline	Sertraline-D3	7.345	1213362	191420	6.3387	257.3481
Temazepam	Temazepam-D5	7.367	1432572	270137	5.3031	271.3411
Buprenorphine	Buprenorphine-D4	7.376	101770	76848	1.3243	26.9413
Nordiazepam	Nordiazepam-D5	7.434	402935	45995	8.7604	236.9279
Diazepam	Diazepam-D5	7.490	1515466	223961	6.7666	264.7059

ISP FORENSICS - Pocatello Instrument # 59740

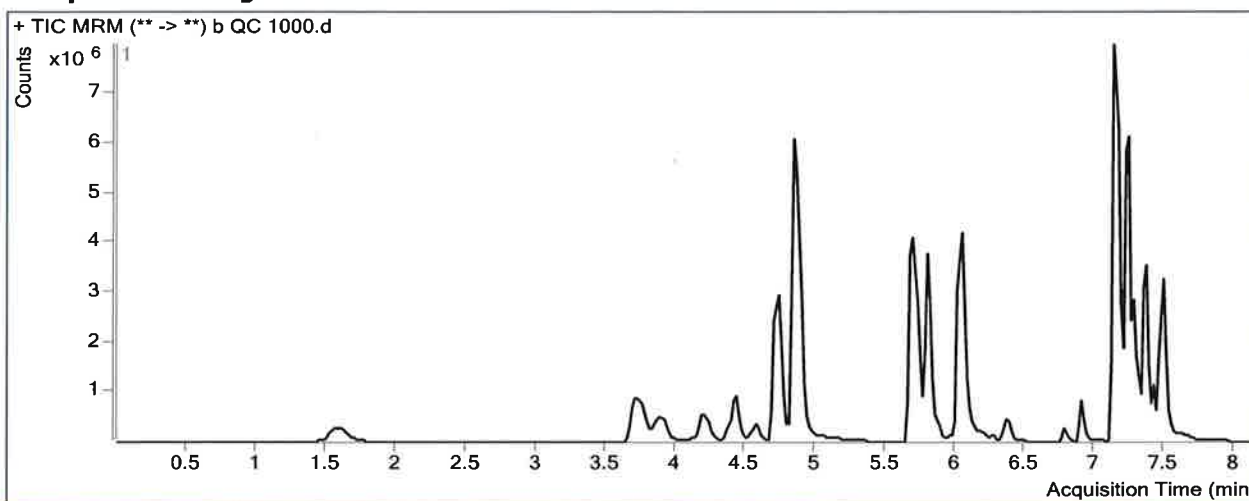
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517 TS.batch.bin
Analysis Time 12/20/2017 4:44 PM **Analyst Name** ISPUser
Report Time 12/21/2017 8:31 AM **Reporter Name** ISPUser
Last Calib Update 12/20/2017 4:44 PM **Batch State** Processed

Analysis Info

Acq Time 2017-12-16 12:58 **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	1.588	2123381	67413	31.4980	1073.9995
Dihydrocodeine	Dihydrocodeine-D6	3.735	2498029	124815	20.0138	1008.9770
Naloxone	Naloxone-D5	3.889	2395368	107439	22.2950	1165.4143
Noroxycodone	Noroxycodone-D3	4.219	2302501	80367	28.6498	991.2804
Naltrexone	Naltrexone-D3	4.432	2009270	95144	21.1181	973.5807
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.583	864529	267422	3.2328	112.9062
Naltrexol	Naltrexol-D3	4.729	7849408	325685	24.1012	974.0902
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.858	21466354	861127	24.9282	1006.6945
Ketamine	Ketamine-D4	5.701	12767207	531781	24.0084	1045.3266
Norfentanyl	Norfentanyl-D5	5.742	1263989	515104	2.4539	107.9480
alpha-PVP	alpha-PVP-d8	6.047	9270601	407561	22.7466	1072.1859
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.378	697834	444647	1.5694	101.2066
Norbupranorphine	Norbuprenorphine-D3	6.692	5342	2398	2.2276	108.8843
Fentanyl	Fentanyl-D5	6.780	376503	162991	2.3100	101.3079
EDDP	EDDP-D3	6.910	1579867	71744	22.0210	1050.4804
Quetiapine	Quetiapine-D8	7.138	14719523	180236	81.6682	860.5715
Sufentanil	Sufentanil-D5	7.158	319664	131772	2.4259	103.3507
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	2265184	85878	26.3767	1044.2753
Methadone	Methadone-D9	7.242	11122364	369180	30.1272	1061.7537

Not evaluated

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

b GC 1000

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	4012804	158499	25.3175	1084.6627
Oxazepam	Oxazepam-D5	7.308	596265	29508	20.2066	1175.2747
Sertraline	Sertraline-D3	7.345	2011641	73028	27.5460	1115.9481
Temazepam	Temazepam-D5	7.367	3714990	214146	17.3479	884.9967
Buprenorphine	Buprenorphine-D4	7.376	180073	35014	5.1429	104.3066
Nordiazepam	Nordiazepam-D5	7.434	1155818	30041	38.4746	1033.7378
Diazepam	Diazepam-D5	7.490	3680709	139789	26.3305	1029.8840

*outside
curve
range*

ISP FORENSICS - Pocatello Instrument # 59740

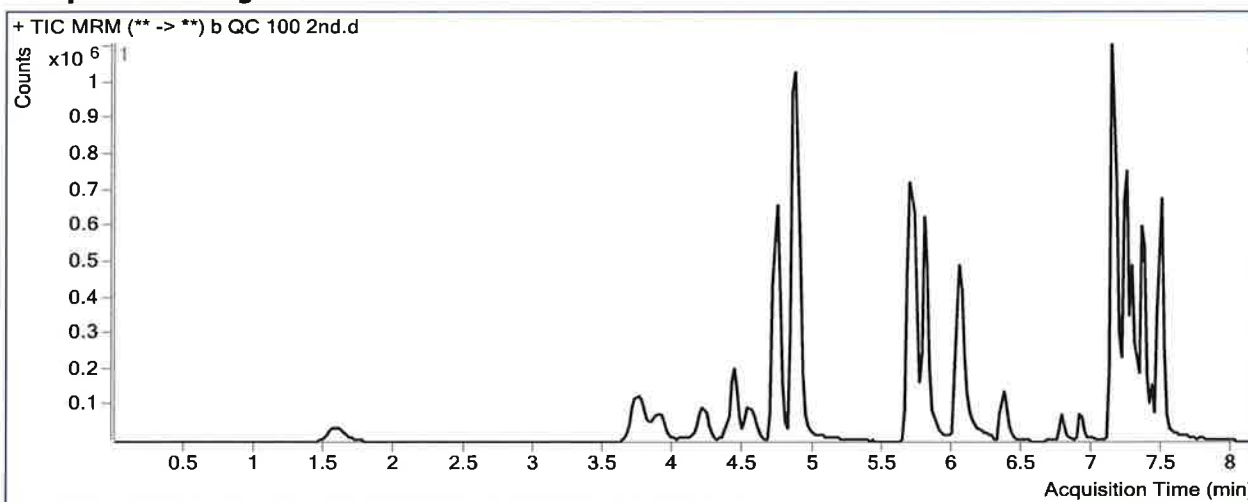
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517 TS.batch.bin
Analysis Time 12/20/2017 4:44 PM **Analyst Name** ISPUser
Report Time 12/21/2017 8:31 AM **Reporter Name** ISPUser
Last Calib Update 12/20/2017 4:44 PM **Batch State** Processed

Analysis Info

Acq Time 2017-12-16 16:06 **Data File** b QC 100 2nd.d
Sample Type QC **Sample Name** b QC 100 2nd
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
Oxymorphone	Oxymorphone-D3	1.588	231721	76554	3.0269	103.1514
Dihydrocodeine	Dihydrocodeine-D6	3.755	302903	132912	2.2790	114.9735
Naloxone	Naloxone-D5	3.909	325623	157602	2.0661	108.6212
Noroxycodone	Noroxycodone-D3	4.219	307376	103094	2.9815	103.7494
Naltrexone	Naltrexone-D3	4.432	368637	148313	2.4855	114.4231
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.583	94446	319242	0.2958	10.3772
Naltrexol	Naltrexol-D3	4.729	1241079	451469	2.7490	110.6076
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.878	2613915	1003387	2.6051	105.2683
Ketamine	Ketamine-D4	5.701	1446884	599198	2.4147	105.0275
Norfentanyl	Norfentanyl-D5	5.742	137097	597931	0.2293	10.2289
alpha-PVP	alpha-PVP-d8	6.047	1005787	448377	2.2432	105.9128
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.378	56202	375623	0.1496	9.7383
Norbuprenorphine	Norbuprenorphine-D3	6.712	699	3353	0.2084	11.7492 <i>Not evaluated</i>
Fentanyl	Fentanyl-D5	6.780	36685	176209	0.2082	9.2626
EDDP	EDDP-D3	6.910	127368	58743	2.1682	104.4389
Quetiapine	Quetiapine-D8	7.138	1740176	171039	10.1741	106.5566
Sufentanil	Sufentanil-D5	7.158	25386	119022	0.2133	9.4410
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	244613	89643	2.7287	108.0258
Methadone	Methadone-D9	7.242	1132749	352247	3.2158	113.3375

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report b QC 100 2nd

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	575150	230576	2.4944	106.9889
Oxazepam	Oxazepam-D5	7.308	62349	30586	2.0385	118.3039
Sertraline	Sertraline-D3	7.345	258222	104933	2.4608	100.3461
Temazepam	Temazepam-D5	7.367	517115	261804	1.9752	101.7901
Buprenorphine	Buprenorphine-D4	7.376	26136	58061	0.4501	9.2305
Nordiazepam	Nordiazepam-D5	7.434	155755	41567	3.7471	102.4914
Diazepam	Diazepam-D5	7.490	572884	205459	2.7883	109.1063

ISP Forensics Calibration Curve Report

TALS

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517

TS.batch.bin

Last Calib Update

12/20/2017 4:44 PM

Analyst Name

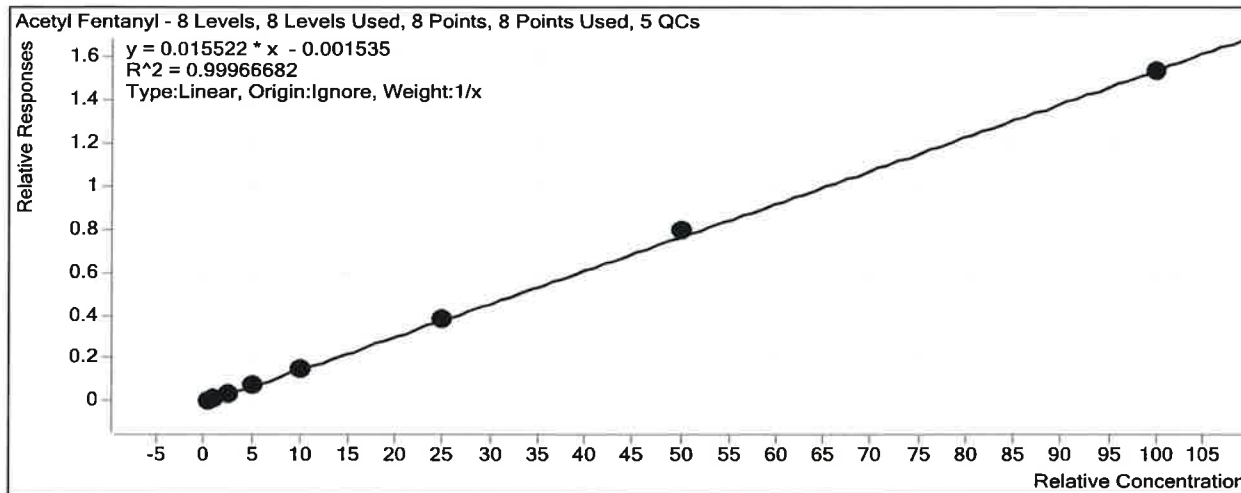
ISP TOX

Target Compound

Acetyl Fentanyl

Internal Standard

Acetyl Fentanyl-D5



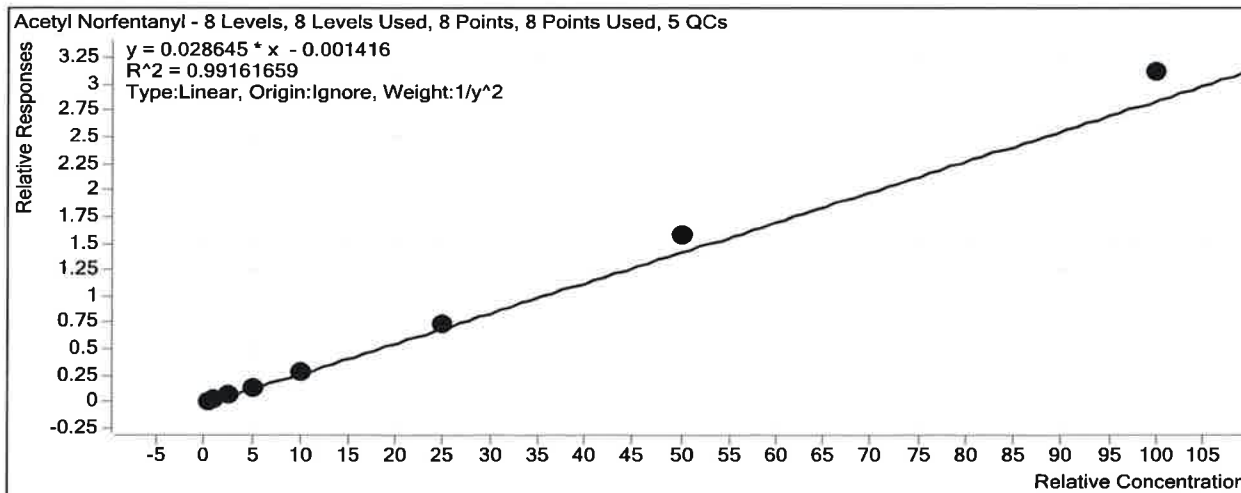
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	106.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	95.3
b QC 10	2	<input checked="" type="checkbox"/>	1	1.1	107.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	100.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.0	100.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.7	96.8
b QC 100	5	<input checked="" type="checkbox"/>	10	10.0	99.6
b QC 100 2nd	5	<input checked="" type="checkbox"/>	10	9.7	97.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.0	99.8
b QC 250	6	<input checked="" type="checkbox"/>	25	27.4	109.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	51.3	102.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	99.0	99.0
b QC 1000	8	<input checked="" type="checkbox"/>	100	101.2	101.2

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

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



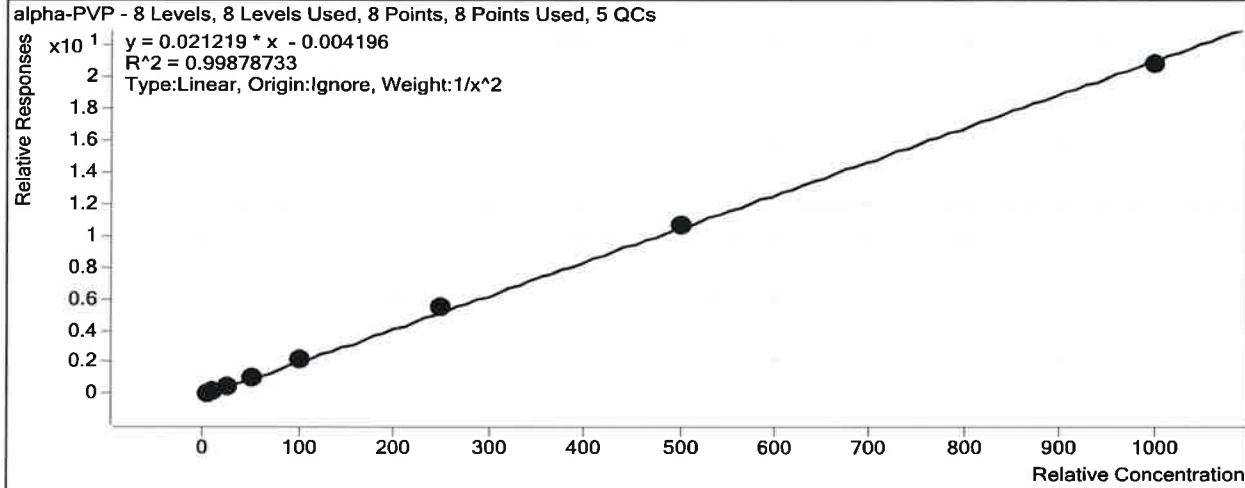
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	107.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.9	90.6
b QC 10	2	<input checked="" type="checkbox"/>	1	1.0	99.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	95.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	94.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.7	97.5
b QC 100	5	<input checked="" type="checkbox"/>	10	9.4	94.1
b QC 100 2nd	5	<input checked="" type="checkbox"/>	10	10.4	103.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	26.1	104.3
b QC 250	6	<input checked="" type="checkbox"/>	25	28.8	115.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	55.2	110.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	108.8	108.8
b QC 1000	8	<input checked="" type="checkbox"/>	100	112.9	112.9

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

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



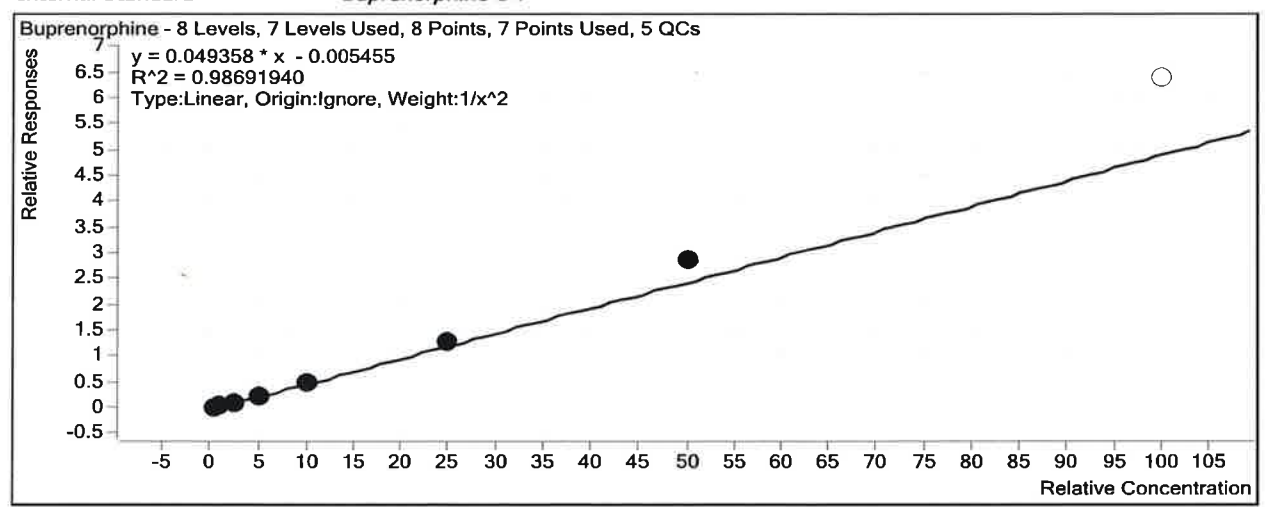
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	93.8
b QC 10	2	<input checked="" type="checkbox"/>	10	10.2	101.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.3	98.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.8	101.8
b QC 100	5	<input checked="" type="checkbox"/>	100	101.2	101.2
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	105.9	105.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.9	102.7
b QC 250	6	<input checked="" type="checkbox"/>	250	269.6	107.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.8	100.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	982.7	98.3
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1072.2	107.2

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

Target Compound Buprenorphine
Internal Standard Buprenorphine-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	106.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.9	92.8
b QC 10	2	<input checked="" type="checkbox"/>	1	1.1	106.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	90.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.5	89.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.2	101.9
b QC 100	5	<input checked="" type="checkbox"/>	10	9.3	92.8
b QC 100 2nd	5	<input checked="" type="checkbox"/>	10	9.2	92.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.7	102.8
b QC 250	6	<input checked="" type="checkbox"/>	25	26.9	107.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	58.1	116.3
b cal 8-1000ng	8	<input type="checkbox"/>	100	129.4	129.4
b QC 1000	8	<input checked="" type="checkbox"/>	100	104.3	104.3

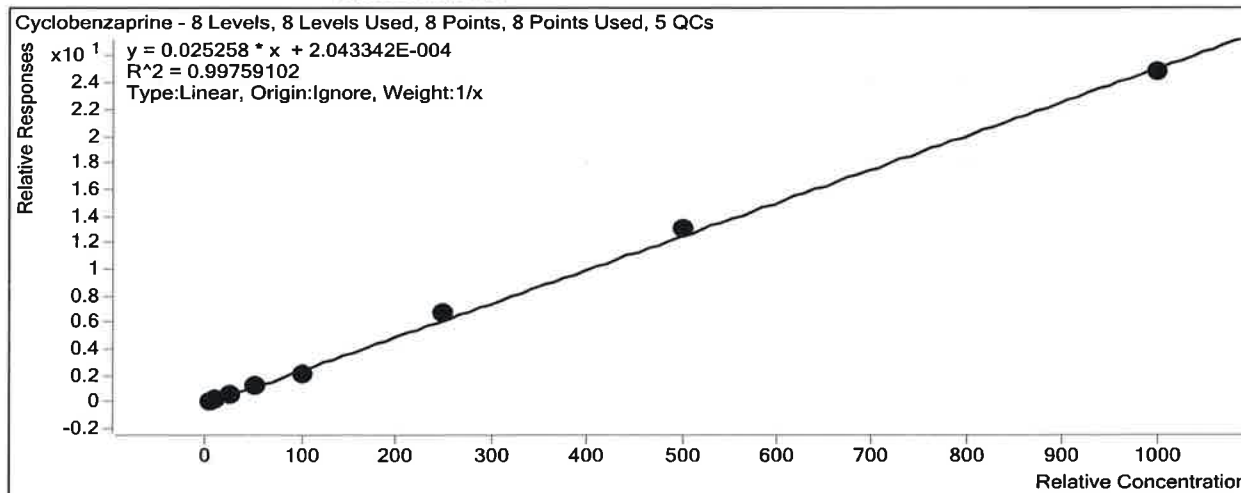
Outside curve range

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.5	114.9
b QC 10	2	<input checked="" type="checkbox"/>	10	9.3	92.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.5	98.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	85.1	85.1
b QC 100	5	<input checked="" type="checkbox"/>	100	105.8	105.8
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	108.0	108.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	265.6	106.2
b QC 250	6	<input checked="" type="checkbox"/>	250	277.2	110.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	516.5	103.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	982.4	98.2
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1044.3	104.4

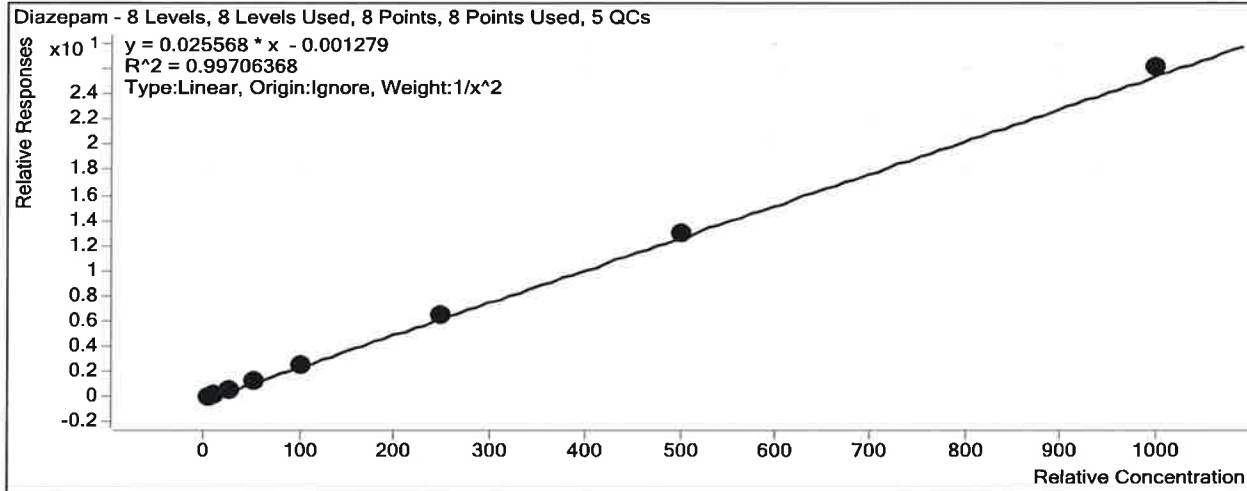
ISP Forensics Calibration Curve Report

TNS

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

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

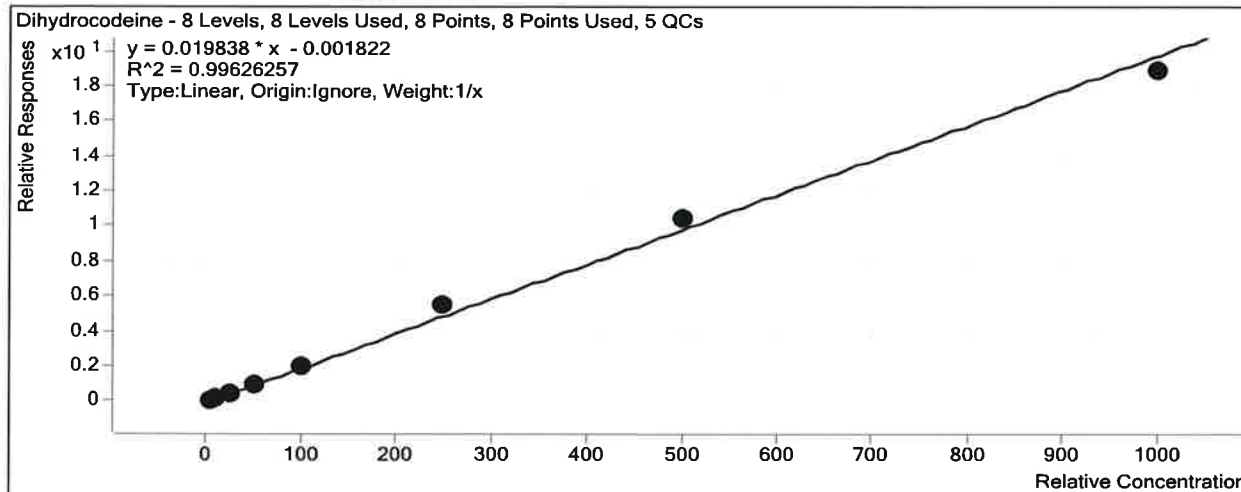


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	91.0
b QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	95.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.5	102.5
b QC 100	5	<input checked="" type="checkbox"/>	100	116.5	116.5
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	109.1	109.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.2	103.7
b QC 250	6	<input checked="" type="checkbox"/>	250	264.7	105.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	506.8	101.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1021.6	102.2
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1029.9	103.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin
Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

Target Compound Dihydrocodeine
Internal Standard Dihydrocodeine-D6



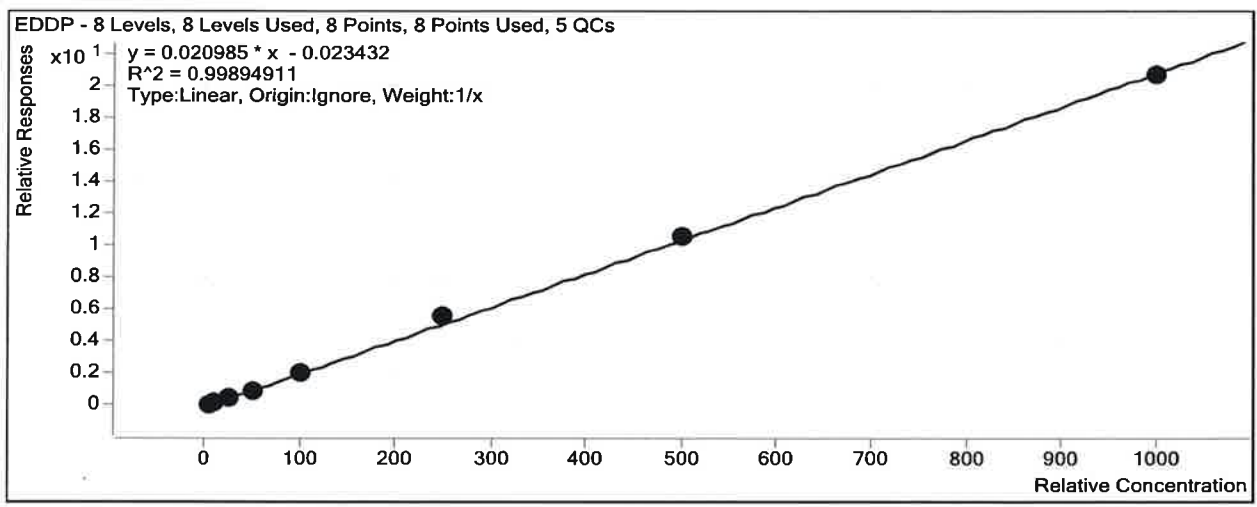
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	90.9
b QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.9	102.9
b QC 100	5	<input checked="" type="checkbox"/>	100	114.5	114.5
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	115.0	115.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	276.3	110.5
b QC 250	6	<input checked="" type="checkbox"/>	250	288.2	115.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	523.8	104.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	950.1	95.0
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1009.0	100.9

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

Target Compound EDDP
Internal Standard EDDP-D3

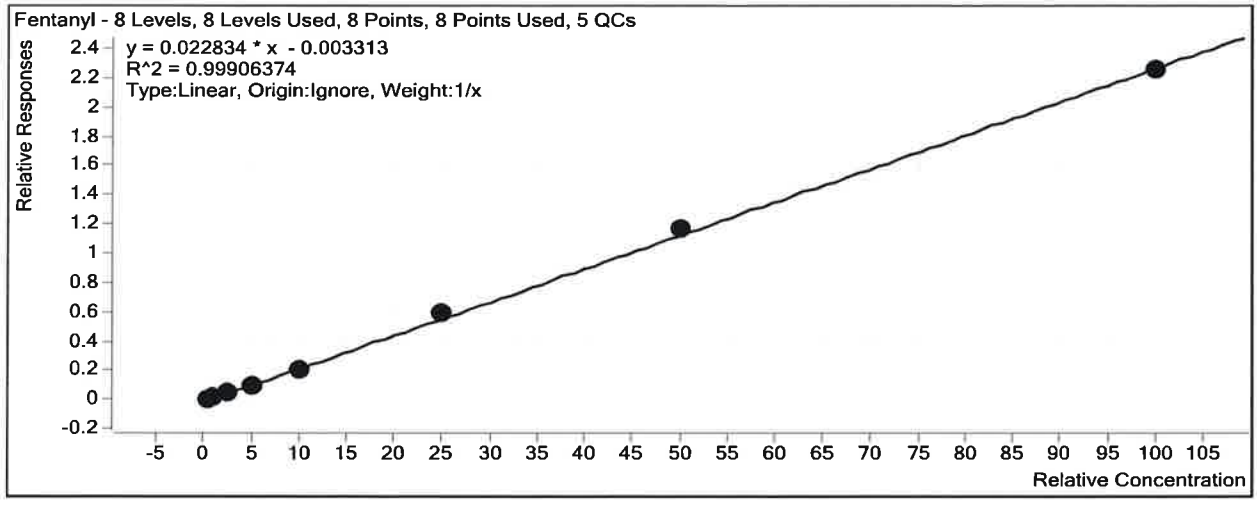


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.0	119.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.6	85.9
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.4	92.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.1	98.1
b QC 100	5	<input checked="" type="checkbox"/>	100	102.6	102.6
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	104.4	104.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	265.6	106.2
b QC 250	6	<input checked="" type="checkbox"/>	250	270.0	108.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	503.9	100.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	986.8	98.7
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1050.5	105.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
 TS.batch.bin
Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

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

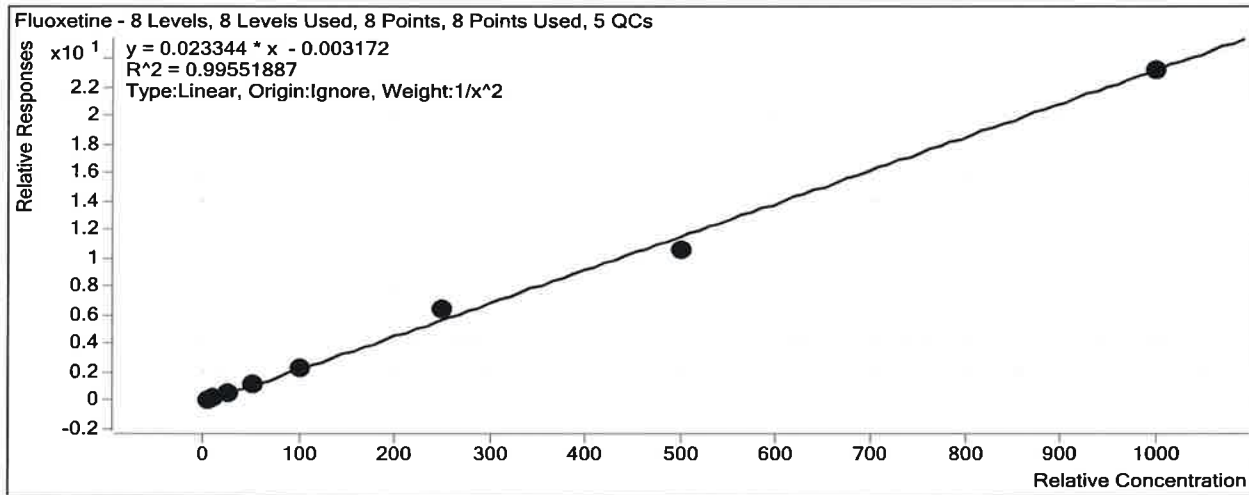


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	119.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.9	92.2
b QC 10	2	<input checked="" type="checkbox"/>	1	1.1	105.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	95.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	94.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.3	93.4
b QC 100	5	<input checked="" type="checkbox"/>	10	9.2	91.6
b QC 100 2nd	5	<input checked="" type="checkbox"/>	10	9.3	92.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.9	103.6
b QC 250	6	<input checked="" type="checkbox"/>	25	24.9	99.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	51.2	102.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	98.9	98.9
b QC 1000	8	<input checked="" type="checkbox"/>	100	101.3	101.3

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
 TS.batch.bin
Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

Target Compound Fluoxetine
Internal Standard Fluoxetine-D6

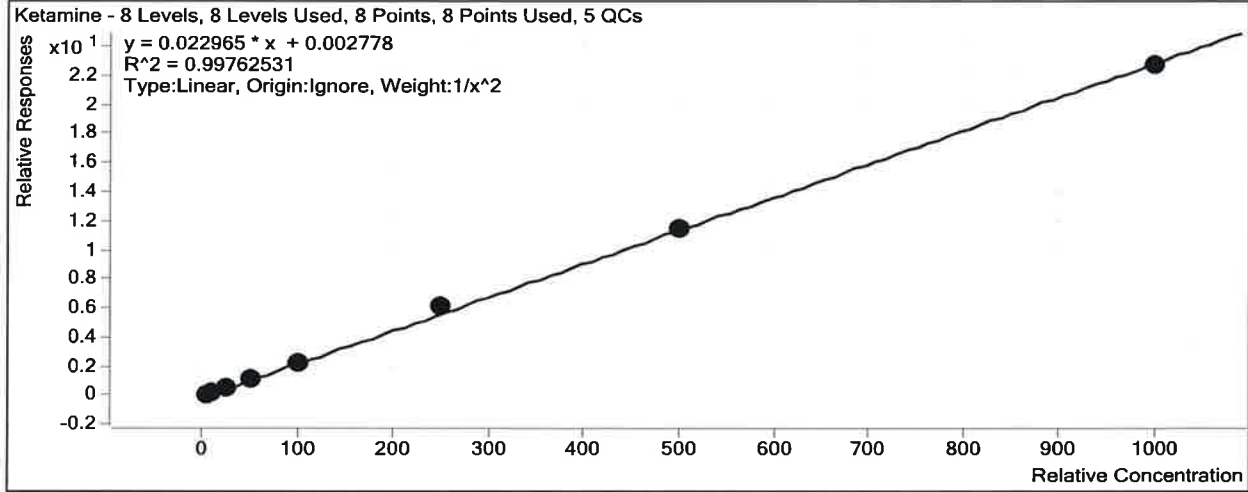


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.4
b QC 10	2	<input checked="" type="checkbox"/>	10	11.0	110.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.9	101.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.3	100.3
b QC 100	5	<input checked="" type="checkbox"/>	100	102.9	102.9
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	107.0	107.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	279.3	111.7
b QC 250	6	<input checked="" type="checkbox"/>	250	278.8	111.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	455.2	91.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	991.5	99.1
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1084.7	108.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
 TS.batch.bin
Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

Target Compound Ketamine
Internal Standard Ketamine-D4

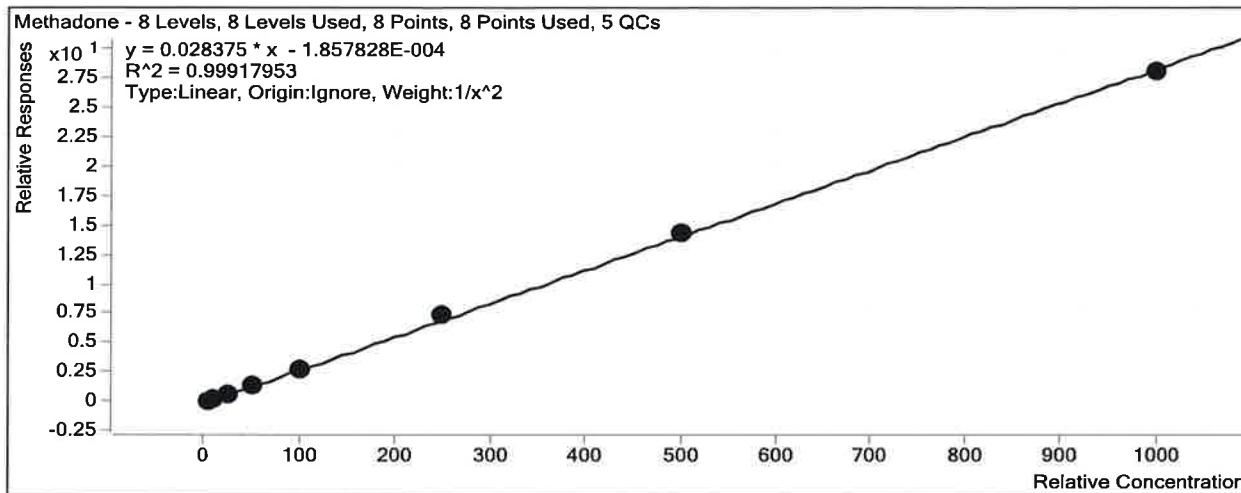


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.3
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.7	97.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.8	100.8
b QC 100	5	<input checked="" type="checkbox"/>	100	105.4	105.4
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	105.0	105.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	271.3	108.5
b QC 250	6	<input checked="" type="checkbox"/>	250	279.5	111.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.1	99.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	988.9	98.9
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1045.3	104.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
 TS.batch.bin
Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.5
b QC 10	2	<input checked="" type="checkbox"/>	10	10.6	106.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.5	100.5
b QC 100	5	<input checked="" type="checkbox"/>	100	86.9	86.9
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	113.3	113.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.0	103.6
b QC 250	6	<input checked="" type="checkbox"/>	250	277.8	111.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.8	101.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	986.4	98.6
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1061.8	106.2

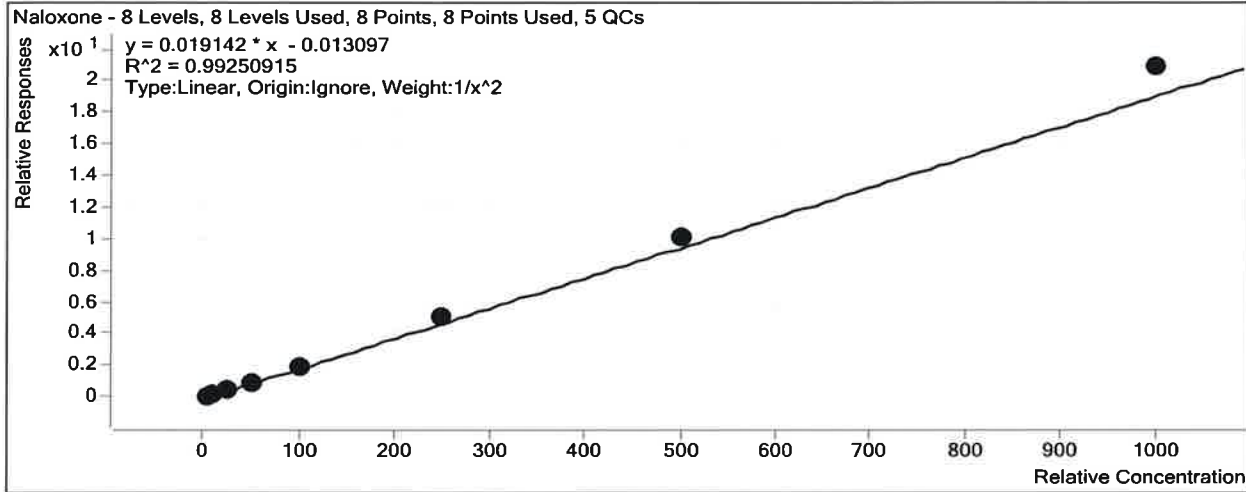
ISP Forensics Calibration Curve Report

TNS

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

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	5.3	106.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	91.3
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	97.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.1	92.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.9	91.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.4	97.4
b QC 100	5	<input checked="" type="checkbox"/>	100	100.5	100.5
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	108.6	108.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.4	105.7
b QC 250	6	<input checked="" type="checkbox"/>	250	284.0	113.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	528.2	105.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1090.8	109.1
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1165.4	116.5

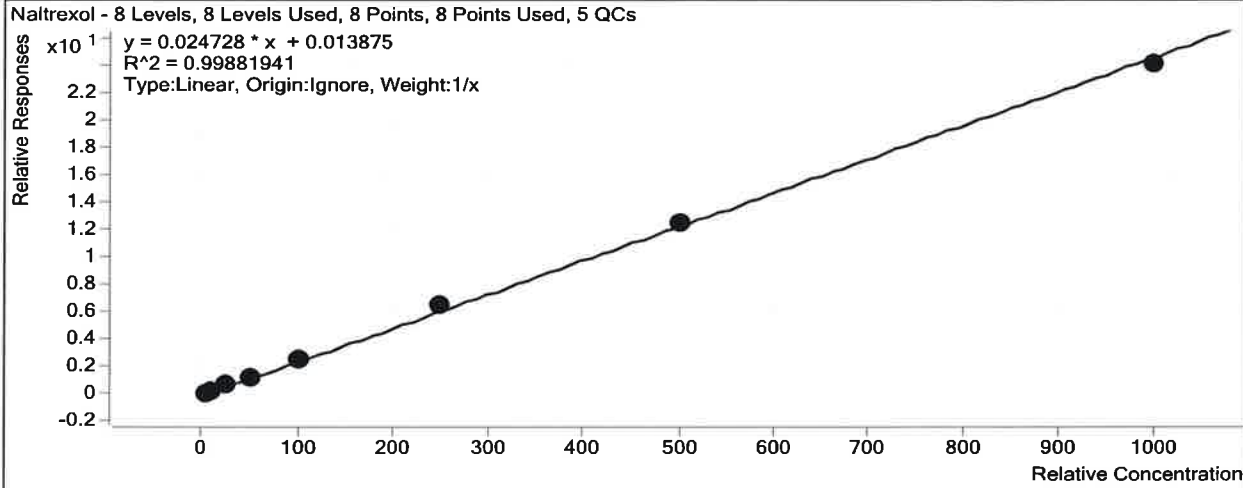
ISP Forensics Calibration Curve Report

TNS

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

Target Compound *Naltrexol*
Internal Standard *Naltrexol-D3*



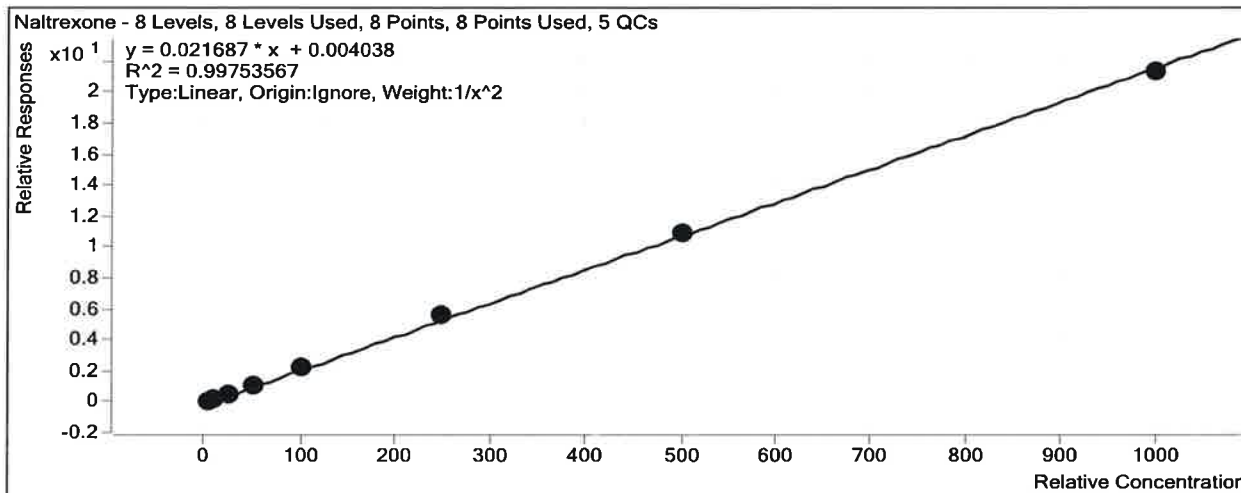
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.5	89.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	93.8
b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.2	104.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.5	103.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.0	105.0
b QC 100	5	<input checked="" type="checkbox"/>	100	102.5	102.5
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	110.6	110.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	265.5	106.2
b QC 250	6	<input checked="" type="checkbox"/>	250	275.3	110.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	503.7	100.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	974.3	97.4
b QC 1000	8	<input checked="" type="checkbox"/>	1000	974.1	97.4

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

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	5.2	104.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	91.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.4	98.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.9	102.9
b QC 100	5	<input checked="" type="checkbox"/>	100	105.9	105.9
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	114.4	114.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	261.7	104.7
b QC 250	6	<input checked="" type="checkbox"/>	250	293.9	117.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.0	100.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	982.4	98.2
b QC 1000	8	<input checked="" type="checkbox"/>	1000	973.6	97.4

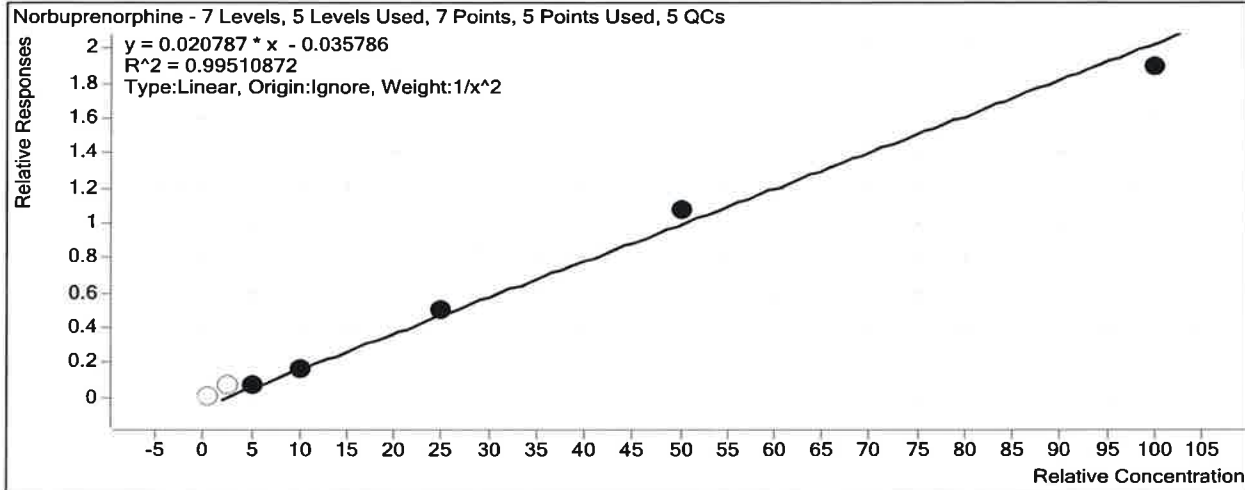
ISP Forensics Calibration Curve Report

TNS

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	2.3	462.1
b cal 2-10ng	2	<input type="checkbox"/>	1	0.0	0.0
b QC 10	2	<input checked="" type="checkbox"/>	1	2.9	290.9
b cal 3-25ng	3	<input type="checkbox"/>	2.5	5.0	199.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.0	100.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.7	96.8
b QC 100	5	<input checked="" type="checkbox"/>	10	10.3	103.2
b QC 100 2nd	5	<input checked="" type="checkbox"/>	10	11.7	117.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.6	102.5
b QC 250	6	<input checked="" type="checkbox"/>	25	21.0	84.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	53.5	107.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	92.9	92.9
b QC 1000	8	<input checked="" type="checkbox"/>	100	108.9	108.9

* Compound not evaluated *

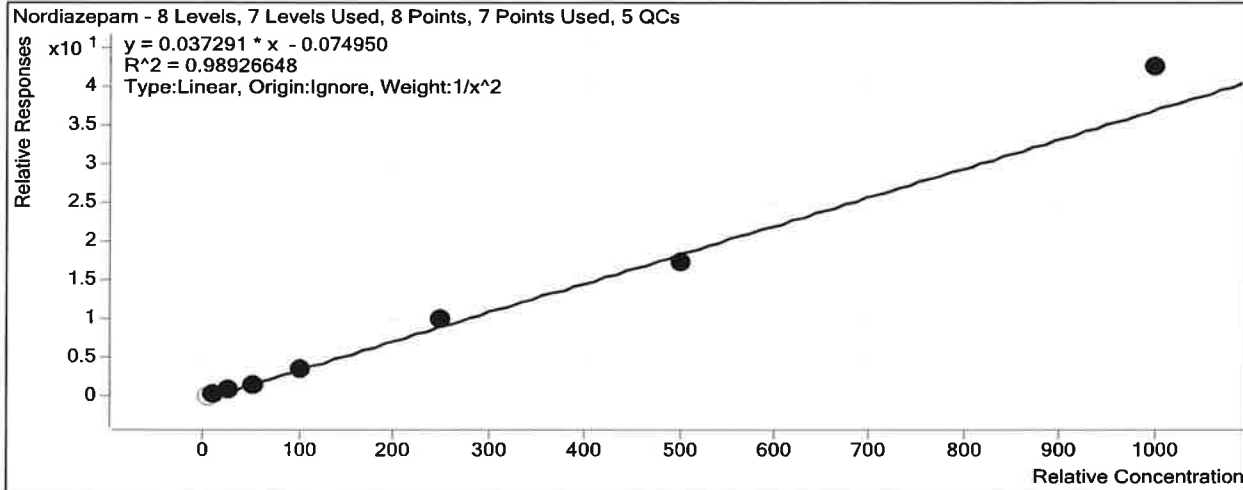
ISP Forensics Calibration Curve Report

TNS

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

Target Compound Nordiazepam
Internal Standard Nordiazepam-D5



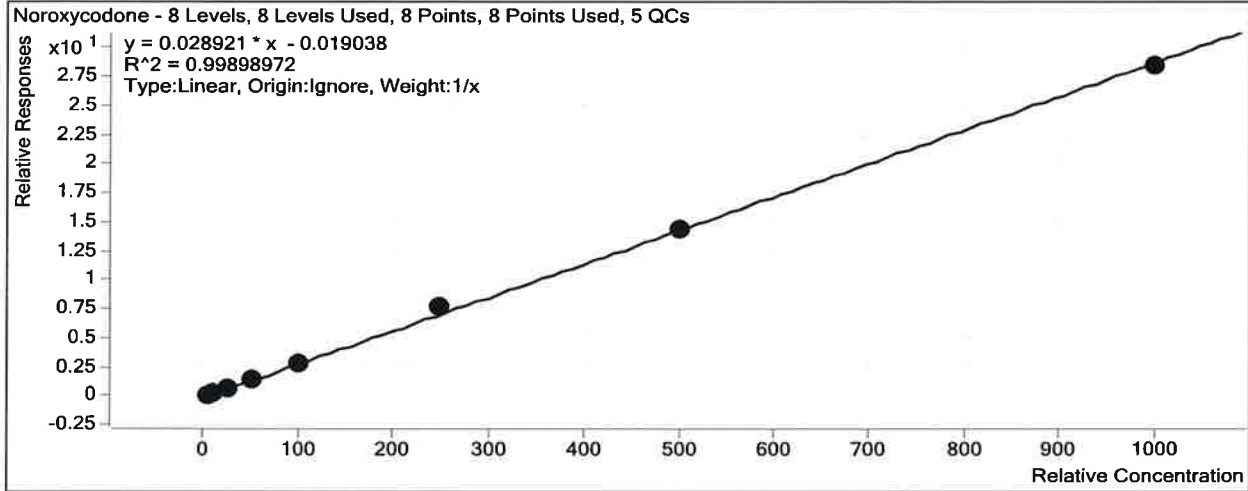
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	5	5.0	100.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.9
b QC 10	2	<input checked="" type="checkbox"/>	10	11.7	116.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	43.9	87.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.7	94.7
b QC 100	5	<input checked="" type="checkbox"/>	100	115.6	115.6
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	102.5	102.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	267.7	107.1
b QC 250	6	<input checked="" type="checkbox"/>	250	236.9	94.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	468.8	93.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1143.4	114.3
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1033.7	103.4

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

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

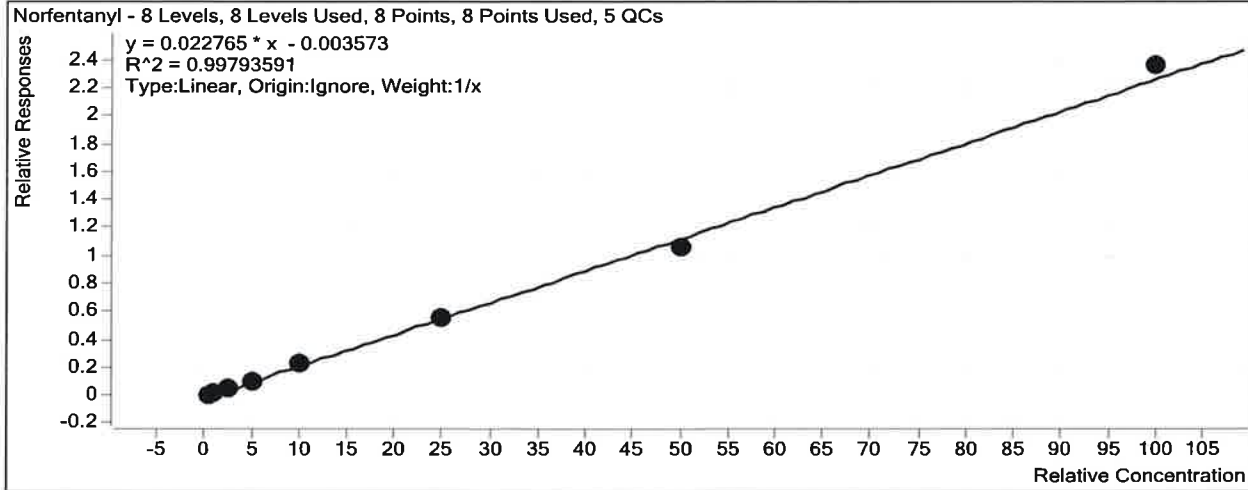


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	90.8
b QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.5	100.5
b QC 100	5	<input checked="" type="checkbox"/>	100	102.1	102.1
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	103.7	103.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	268.5	107.4
b QC 250	6	<input checked="" type="checkbox"/>	250	268.2	107.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.5	99.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	983.9	98.4
b QC 1000	8	<input checked="" type="checkbox"/>	1000	991.3	99.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin
Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

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



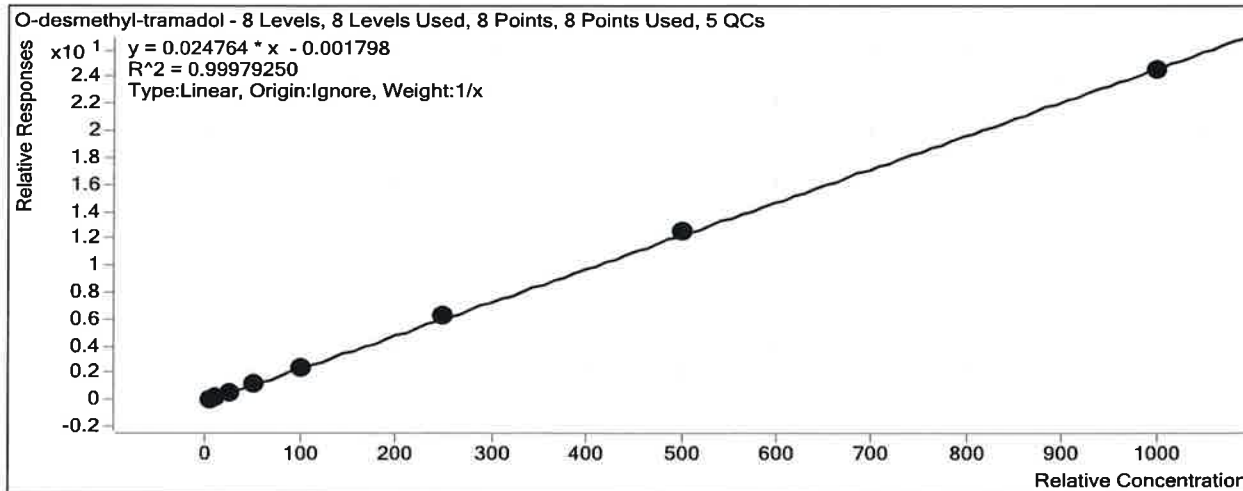
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	118.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	98.4
b QC 10	2	<input checked="" type="checkbox"/>	1	1.0	101.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	94.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.6	91.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.0	100.0
b QC 100	5	<input checked="" type="checkbox"/>	10	9.3	92.8
b QC 100 2nd	5	<input checked="" type="checkbox"/>	10	10.2	102.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.8	99.1
b QC 250	6	<input checked="" type="checkbox"/>	25	26.5	106.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	47.1	94.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	103.6	103.6
b QC 1000	8	<input checked="" type="checkbox"/>	100	107.9	107.9

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

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



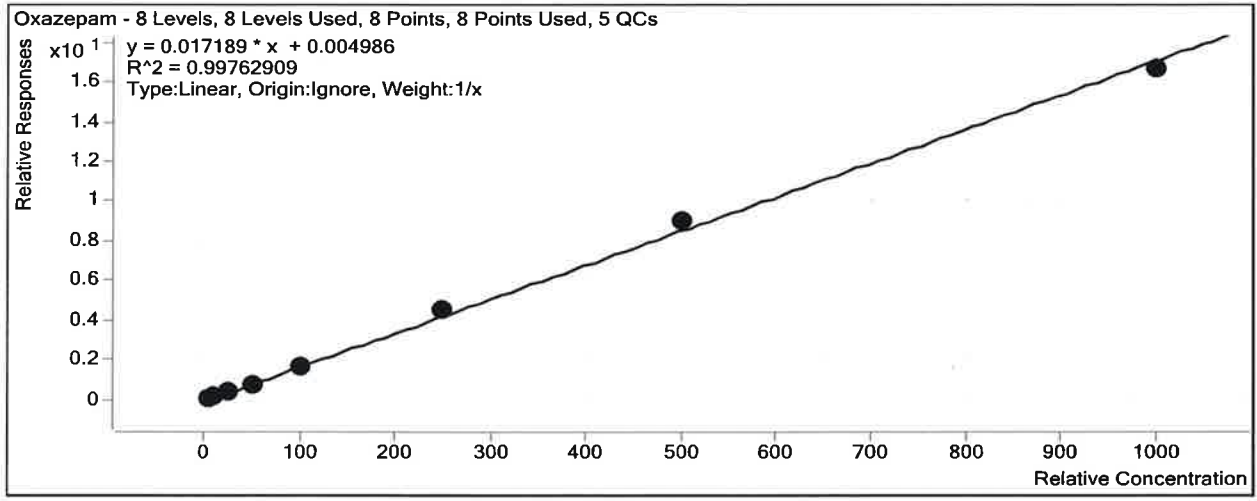
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.0	98.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.2	101.2
b QC 100	5	<input checked="" type="checkbox"/>	100	102.6	102.6
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	105.3	105.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.6	101.4
b QC 250	6	<input checked="" type="checkbox"/>	250	269.0	107.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	506.7	101.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	989.2	98.9
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1006.7	100.7

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

Target Compound Oxazepam
Internal Standard Oxazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.9	117.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.2
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	97.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	43.7	87.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.0	97.0
b QC 100	5	<input checked="" type="checkbox"/>	100	100.8	100.8
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	118.3	118.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.1	105.2
b QC 250	6	<input checked="" type="checkbox"/>	250	293.6	117.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	527.3	105.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	969.3	96.9
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1175.3	117.5

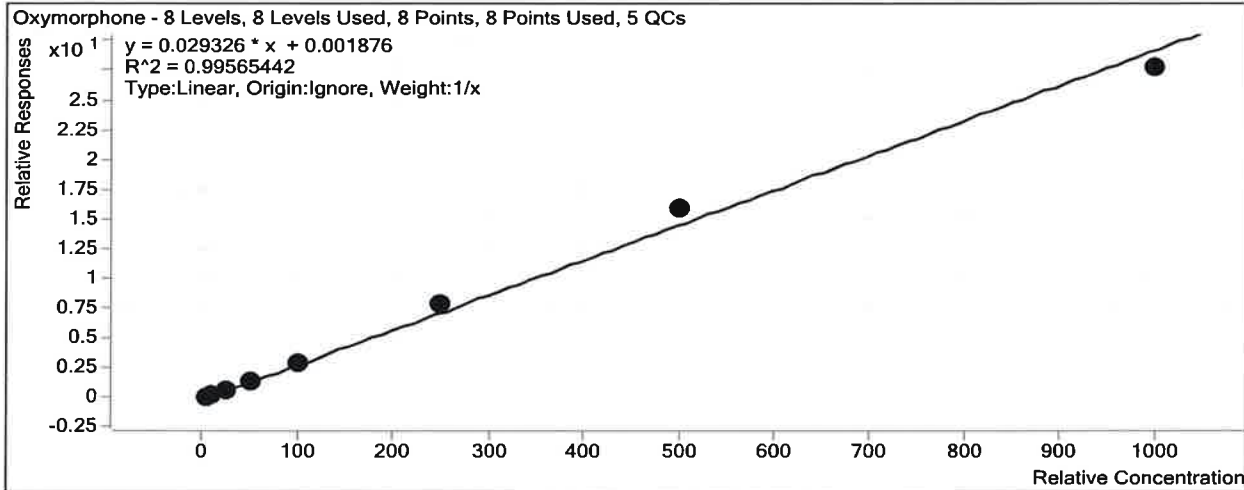
ISP Forensics Calibration Curve Report

TNS

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

Target Compound Oxymorphone
Internal Standard Oxymorphone-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	103.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.8	88.4
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.9	99.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.8	98.8
b QC 100	5	<input checked="" type="checkbox"/>	100	104.0	104.0
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	103.2	103.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	267.7	107.1
b QC 250	6	<input checked="" type="checkbox"/>	250	290.5	116.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	540.1	108.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	944.3	94.4
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1074.0	107.4

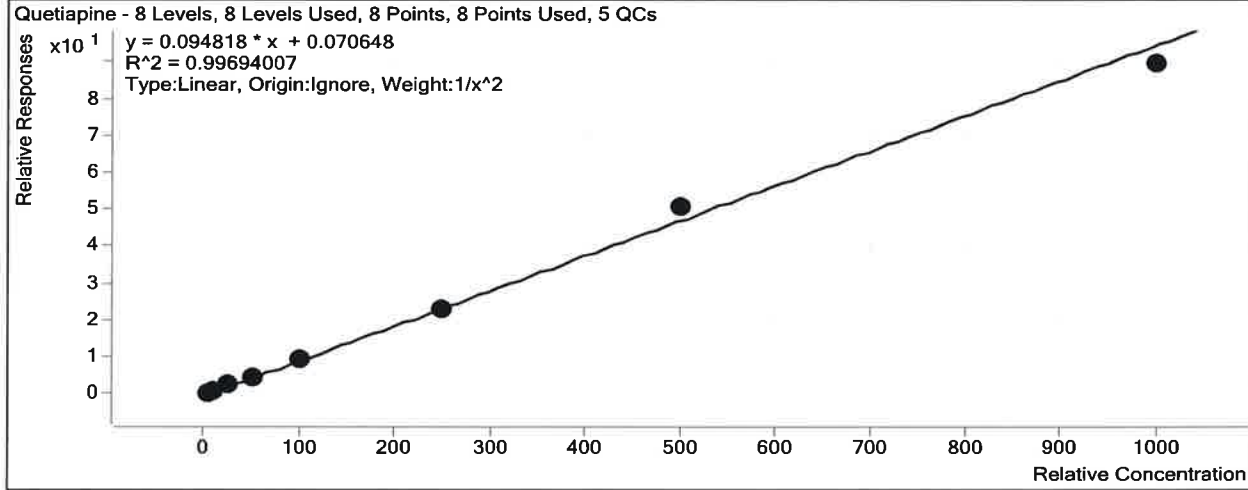
ISP Forensics Calibration Curve Report

TNS

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

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



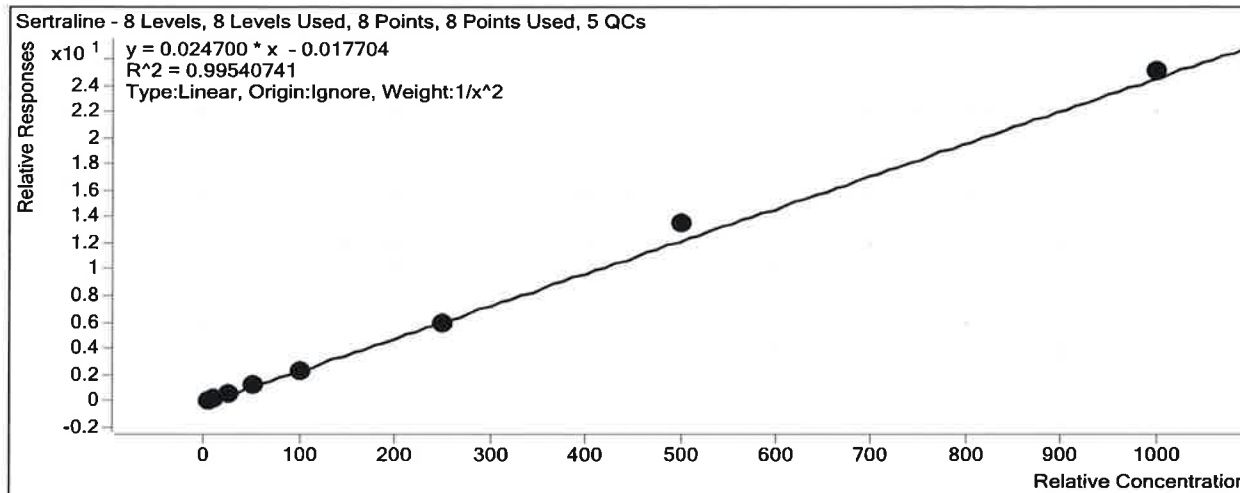
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.5
b QC 10	2	<input checked="" type="checkbox"/>	10	9.3	93.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.7	106.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.0	96.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.9	101.9
b QC 100	5	<input checked="" type="checkbox"/>	100	108.8	108.8
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	106.6	106.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	243.5	97.4
b QC 250	6	<input checked="" type="checkbox"/>	250	277.7	111.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	532.3	106.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	941.0	94.1
b QC 1000	8	<input checked="" type="checkbox"/>	1000	860.6	86.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

Target Compound Sertraline
Internal Standard Sertraline-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.0	90.1
b QC 10	2	<input checked="" type="checkbox"/>	10	10.9	109.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.0	102.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.4	96.4
b QC 100	5	<input checked="" type="checkbox"/>	100	103.5	103.5
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	100.3	100.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	243.9	97.6
b QC 250	6	<input checked="" type="checkbox"/>	250	257.3	102.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	546.7	109.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1015.5	101.5
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1115.9	111.6

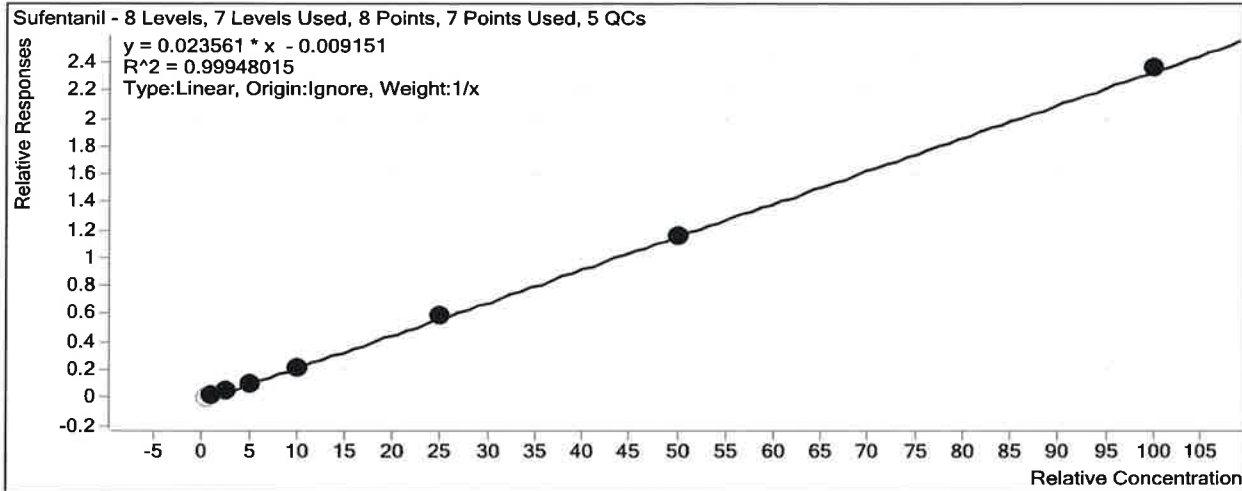
ISP Forensics Calibration Curve Report

TAS

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

Target Compound *Sufentanil*
Internal Standard *Sufentanil-D5*



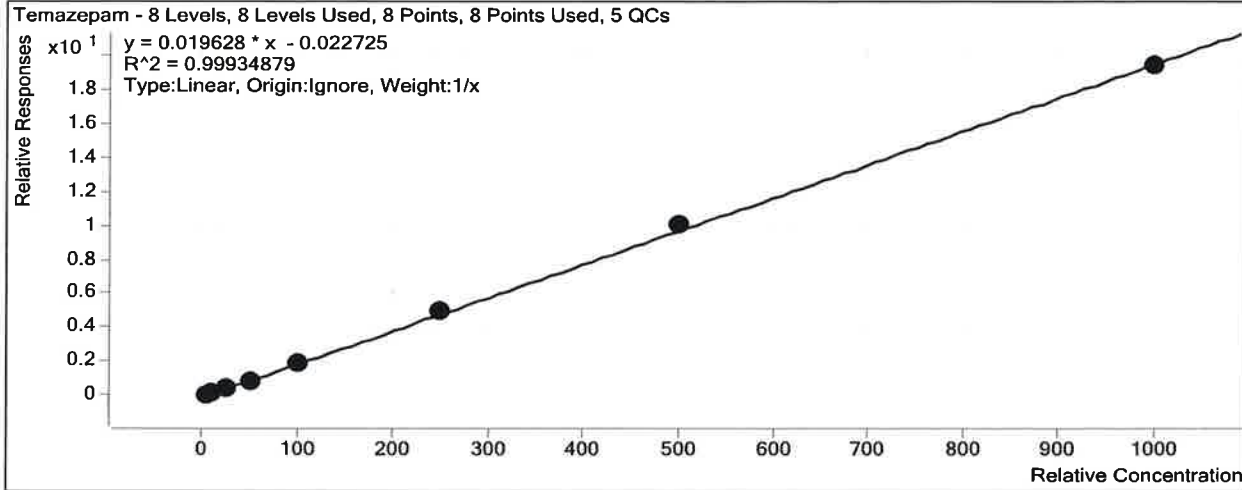
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	0.9	175.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.1	112.0
b QC 10	2	<input checked="" type="checkbox"/>	1	1.2	119.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	93.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.9	97.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.4	94.1
b QC 100	5	<input checked="" type="checkbox"/>	10	10.2	101.8
b QC 100 2nd	5	<input checked="" type="checkbox"/>	10	9.4	94.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.7	102.6
b QC 250	6	<input checked="" type="checkbox"/>	25	29.1	116.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.5	99.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	100.6	100.6
b QC 1000	8	<input checked="" type="checkbox"/>	100	103.4	103.4

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517
TS.batch.bin

Last Calib Update 12/20/2017 4:44 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.6	112.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.7
b QC 10	2	<input checked="" type="checkbox"/>	10	10.7	106.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.1	92.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.5	95.5
b QC 100	5	<input checked="" type="checkbox"/>	100	101.2	101.2
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	101.8	101.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.1	101.6
b QC 250	6	<input checked="" type="checkbox"/>	250	271.3	108.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	514.1	102.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	990.1	99.0
b QC 1000	8	<input checked="" type="checkbox"/>	1000	885.0	88.5

ISP FORENSICS - Pocatello Instrument # 59740

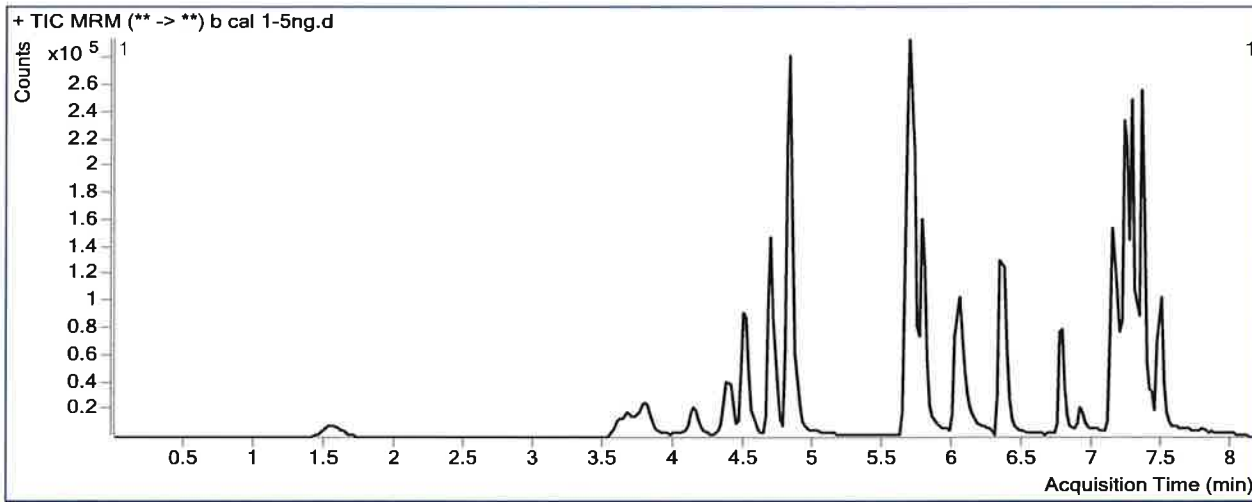
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517 TS.batch.bin
Analysis Time 12/20/2017 4:44 PM **Analyst Name** ISPUser
Report Time 12/21/2017 8:28 AM **Reporter Name** ISPUser
Last Calib Update 12/20/2017 4:44 PM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 18:43 **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	1.548	11174	73103	0.1529	5.1482
Dihydrocodeine	Dihydrocodeine-D6	3.735	11462	115405	0.0993	5.0986
Naloxone	Naloxone-D5	3.871	13433	151062	0.0889	5.3299
Noroxycodone	Noroxycodone-D3	4.179	13639	100879	0.1352	5.3330
Naltrexone	Naltrexone-D3	4.391	16799	143372	0.1172	5.2166
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	5321	379110	0.0140	0.5394
Naltrexol	Naltrexol-D3	4.689	49560	399285	0.1241	4.4584
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.838	107253	857195	0.1251	5.1251
Ketamine	Ketamine-D4	5.681	61816	510130	0.1212	5.1557
Norfentanyl	Norfentanyl-D5	5.722	5936	597991	0.0099	0.5930
alpha-PVP	alpha-PVP-d8	6.047	43021	410193	0.1049	5.1404
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	3234	482521	0.0067	0.5307
Norbuprenorphine	Norbuprenorphine-D3	6.672	60	4933	0.0122	2.3103
Fentanyl	Fentanyl-D5	6.780	2736	265224	0.0103	0.5969
EDDP	EDDP-D3	6.910	5464	53671	0.1018	5.9682
Quetiapine	Quetiapine-D8	7.138	88189	160943	0.5480	5.0339
Sufentanil	Sufentanil-D5	7.158	2289	198061	0.0116	0.8790
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	18612	155800	0.1195	4.7215
Methadone	Methadone-D9	7.242	75714	525113	0.1442	5.0880

Not evaluated

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b cal 1-5ng*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	50473	439256	0.1149	5.0581
Oxazepam	Oxazepam-D5	7.308	2827	26781	0.1056	5.8522
Sertraline	Sertraline-D3	7.345	23322	207571	0.1124	5.2657
Temazepam	Temazepam-D5	7.367	19772	226341	0.0874	5.6083
Buprenorphine	Buprenorphine-D4	7.376	1966	94729	0.0208	0.5309
Nordiazepam	Nordiazepam-D5	7.455	3960	35119	0.1128	5.0335
Diazepam	Diazepam-D5	7.490	24297	182270	0.1333	5.2638

ISP FORENSICS - Pocatello Instrument # 59740

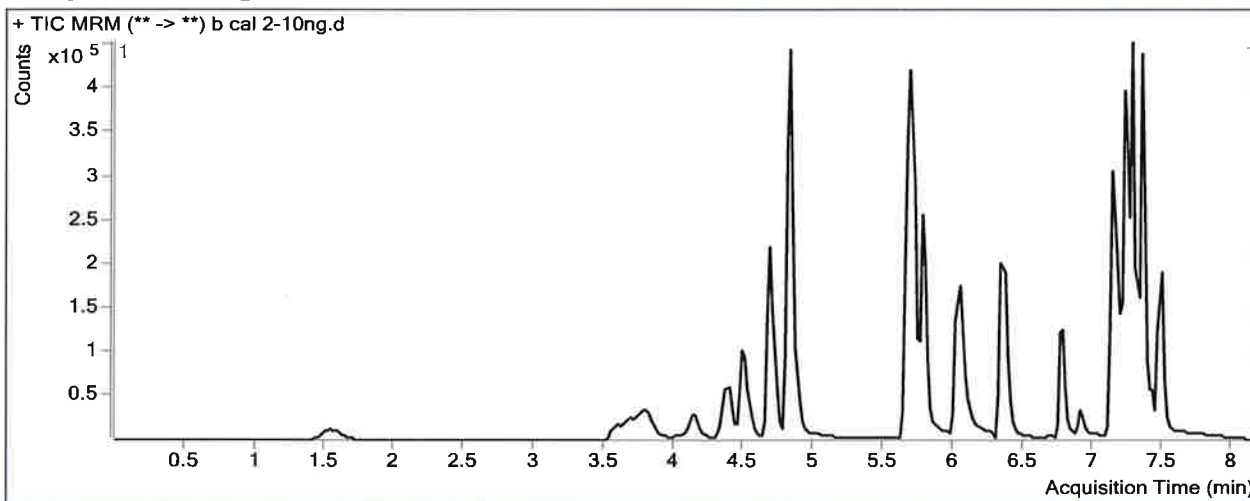
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517 TS.batch.bin
Analysis Time 12/20/2017 4:44 PM **Analyst Name** ISPUser
Report Time 12/21/2017 8:28 AM **Reporter Name** ISPUser
Last Calib Update 12/20/2017 4:44 PM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 19:15 **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	1.548	23698	90757	0.2611	8.8398
Dihydrocodeine	Dihydrocodeine-D6	3.715	27733	155452	0.1784	9.0851
Naloxone	Naloxone-D5	3.851	33738	208711	0.1616	9.1289
Noroxycodone	Noroxycodone-D3	4.179	30994	127273	0.2435	9.0785
Naltrexone	Naltrexone-D3	4.391	39073	193472	0.2020	9.1261
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	10604	432232	0.0245	0.9059
Naltrexol	Naltrexol-D3	4.689	131735	536108	0.2457	9.3760
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.838	288364	1258453	0.2291	9.3255
Ketamine	Ketamine-D4	5.681	172256	777522	0.2215	9.5262
Norfentanyl	Norfentanyl-D5	5.722	14641	777428	0.0188	0.9842
alpha-PVP	alpha-PVP-d8	6.047	117109	600845	0.1949	9.3832
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	9598	724054	0.0133	0.9529
Fentanyl	Fentanyl-D5	6.780	7551	425482	0.0177	0.9223
EDDP	EDDP-D3	6.910	12046	76793	0.1569	8.5918
Quetiapine	Quetiapine-D8	7.138	238162	241531	0.9861	9.6544
Sufentanil	Sufentanil-D5	7.158	5695	330261	0.0172	1.1203
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	62472	215104	0.2904	11.4902
Methadone	Methadone-D9	7.242	201466	736169	0.2737	9.6512
Fluoxetine	Fluoxetine-D6	7.284	153047	675403	0.2266	9.8428

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

b cal 2-10ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Oxazepam-D5	7.308	6489	39276	0.1652	9.3219
Sertraline	Sertraline-D3	7.345	70860	345732	0.2050	9.0146
Temazepam	Temazepam-D5	7.367	55325	327478	0.1689	9.7651
Buprenorphine	Buprenorphine-D4	7.376	5251	130075	0.0404	0.9285
Nordiazepam	Nordiazepam-D5	7.434	15753	51009	0.3088	10.2913
Diazepam	Diazepam-D5	7.490	63099	272566	0.2315	9.1043

ISP FORENSICS - Pocatello Instrument # 59740

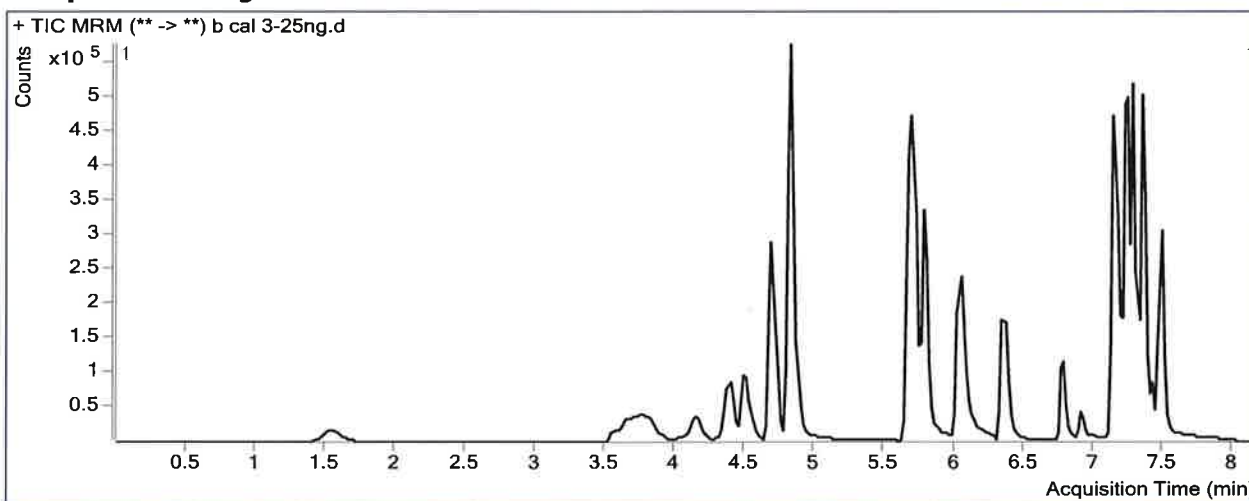
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517 TS.batch.bin
Analysis Time 12/20/2017 4:44 PM **Analyst Name** ISPUser
Report Time 12/21/2017 8:28 AM **Reporter Name** ISPUser
Last Calib Update 12/20/2017 4:44 PM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 19:46 **Data File** b cal 3-25ng.d
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	1.568	60432	81925	0.7377	25.0895
Dihydrocodeine	Dihydrocodeine-D6	3.715	72181	150131	0.4808	24.3281
Naloxone	Naloxone-D5	3.851	83042	193365	0.4295	23.1198
Noroxycodone	Noroxycodone-D3	4.179	84609	120482	0.7023	24.9401
Naltrexone	Naltrexone-D3	4.391	102609	188481	0.5444	24.9163
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	27316	410225	0.0666	2.3740
Naltrexol	Naltrexol-D3	4.689	340510	515252	0.6609	26.1641
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.838	763954	1197925	0.6377	25.8247
Ketamine	Ketamine-D4	5.681	418341	750834	0.5572	24.1410
Norfentanyl	Norfentanyl-D5	5.722	37607	748616	0.0502	2.3637
alpha-PVP	alpha-PVP-d8	6.047	306203	573916	0.5335	25.3418
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	23251	622513	0.0374	2.5052
Norbuprenorphine	Norbuprenorphine-D3	6.692	379	5579	0.0679	4.9880 <i>Not evaluated</i>
Fentanyl	Fentanyl-D5	6.780	18398	357933	0.0514	2.3962
EDDP	EDDP-D3	6.910	35147	71625	0.4907	24.5007
Quetiapine	Quetiapine-D8	7.138	604203	232108	2.6031	26.7087
Sufentanil	Sufentanil-D5	7.158	12100	262576	0.0461	2.3443
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	129309	207135	0.6243	24.7075
Methadone	Methadone-D9	7.242	486466	679011	0.7164	25.2552

TNS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b cal 3-25ng*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	350981	626877	0.5599	24.1198
Oxazepam	Oxazepam-D5	7.309	15658	36871	0.4247	24.4156
Sertraline	Sertraline-D3	7.345	163651	279475	0.5856	24.4240
Temazepam	Temazepam-D5	7.367	143264	309217	0.4633	24.7626
Buprenorphine	Buprenorphine-D4	7.376	12840	120451	0.1066	2.2702
Nordiazepam	Nordiazepam-D5	7.434	43540	51142	0.8514	24.8399
Diazepam	Diazepam-D5	7.490	151274	247529	0.6111	23.9526

ISP FORENSICS - Pocatello Instrument # 59740

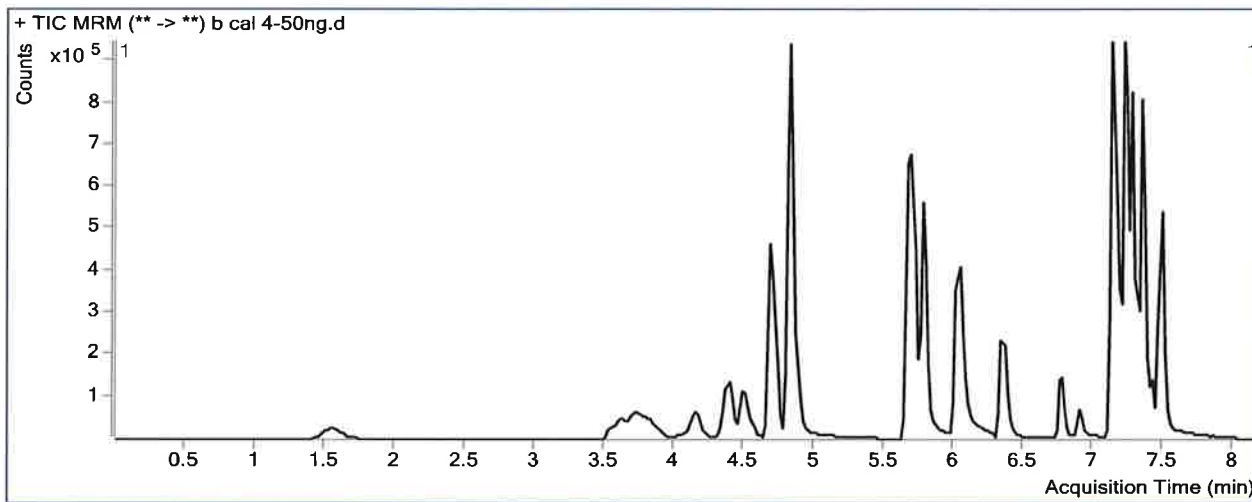
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517 TS.batch.bin
Analysis Time 12/20/2017 4:44 PM **Analyst Name** ISPUser
Report Time 12/21/2017 8:28 AM **Reporter Name** ISPUser
Last Calib Update 12/20/2017 4:44 PM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 20:18 **Data File** b cal 4-50ng.d
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	1.568	136086	92785	1.4667	49.9494
Dihydrocodeine	Dihydrocodeine-D6	3.615	169137	176702	0.9572	48.3432
Naloxone	Naloxone-D5	3.851	187760	217071	0.8650	45.8718
Noroxycodone	Noroxycodone-D3	4.179	196167	142293	1.3786	48.3264
Naltrexone	Naltrexone-D3	4.391	216023	200990	1.0748	49.3730
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	62957	472457	0.1333	4.7013
Naltrexol	Naltrexol-D3	4.689	762373	591664	1.2885	51.5467
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.838	1742256	1437084	1.2124	49.0285
Ketamine	Ketamine-D4	5.681	977114	871239	1.1215	48.7158
Norfentanyl	Norfentanyl-D5	5.722	86434	859076	0.1006	4.5766
alpha-PVP	alpha-PVP-d8	6.047	693061	665339	1.0417	49.2889
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	55662	731318	0.0761	5.0023
Norbuprenorphine	Norbuprenorphine-D3	6.692	526	7635	0.0689	5.0372
Fentanyl	Fentanyl-D5	6.780	46275	444332	0.1041	4.7061
EDDP	EDDP-D3	6.910	85078	89454	0.9511	46.4381
Quetiapine	Quetiapine-D8	7.138	1263641	273310	4.6235	48.0165
Sufentanil	Sufentanil-D5	7.158	32565	306587	0.1062	4.8966
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	334594	267775	1.2495	49.4624
Methadone	Methadone-D9	7.242	1115718	812859	1.3726	48.3793

Not evaluated

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *bc cal 4-50ng*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	779230	658087	1.1841	50.8584
Oxazepam	Oxazepam-D5	7.309	33657	44494	0.7564	43.7174
Sertraline	Sertraline-D3	7.345	354708	285516	1.2423	51.0143
Temazepam	Temazepam-D5	7.367	320158	363168	0.8816	46.0719
Buprenorphine	Buprenorphine-D4	7.376	28546	133015	0.2146	4.4586
Nordiazepam	Nordiazepam-D5	7.434	94610	60523	1.5632	43.9289
Diazepam	Diazepam-D5	7.490	374311	298570	1.2537	49.0837

ISP FORENSICS - Pocatello Instrument # 59740

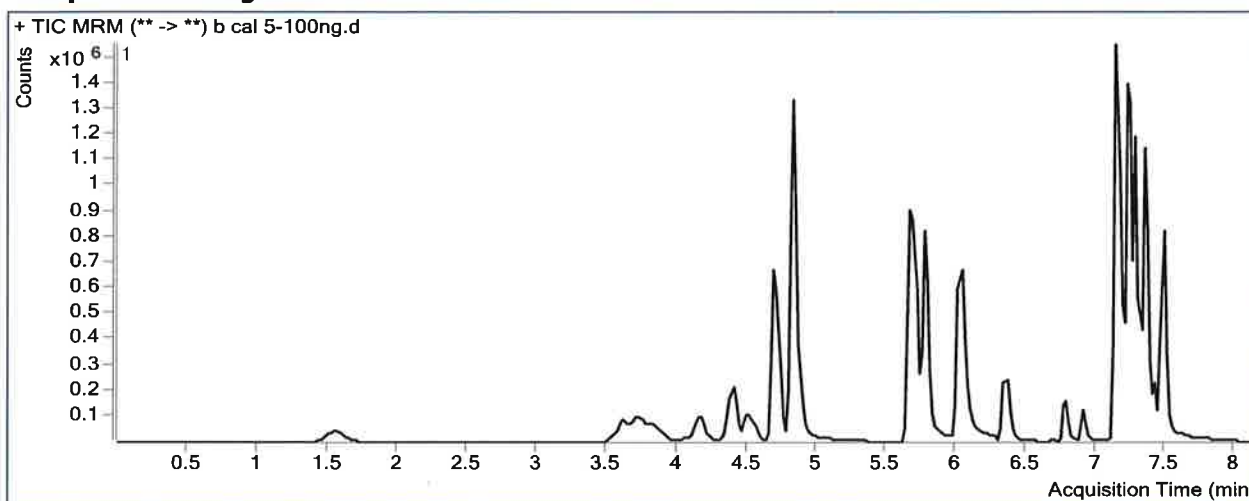
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517 TS.batch.bin
Analysis Time 12/20/2017 4:44 PM **Analyst Name** ISPUser
Report Time 12/21/2017 8:28 AM **Reporter Name** ISPUser
Last Calib Update 12/20/2017 4:44 PM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 20:49 **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	1.548	254965	87904	2.9005	98.8413
Dihydrocodeine	Dihydrocodeine-D6	3.615	328116	160935	2.0388	102.8669
Naloxone	Naloxone-D5	3.851	349592	188778	1.8519	97.4288
Noroxycodone	Noroxycodone-D3	4.179	362756	125672	2.8865	100.4652
Naltrexone	Naltrexone-D3	4.391	392590	175657	2.2350	102.8695
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	116143	418003	0.2779	9.7491
Naltrexol	Naltrexol-D3	4.689	1361606	521837	2.6093	104.9571
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.838	3211165	1282464	2.5039	101.1823
Ketamine	Ketamine-D4	5.681	1824624	787463	2.3171	100.7771
Norfentanyl	Norfentanyl-D5	5.722	175680	783874	0.2241	10.0018
alpha-PVP	alpha-PVP-d8	6.047	1374732	637427	2.1567	101.8370
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	107537	723296	0.1487	9.6772
Norbuprenorphine	Norbuprenorphine-D3	6.692	1029	6221	0.1655	9.6819
Fentanyl	Fentanyl-D5	6.780	84609	402868	0.2100	9.3426
EDDP	EDDP-D3	6.910	184176	90469	2.0358	98.1281
Quetiapine	Quetiapine-D8	7.138	2425582	249154	9.7353	101.9282
Sufentanil	Sufentanil-D5	7.158	63337	298132	0.2124	9.4053
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	503890	234272	2.1509	85.1474
Methadone	Methadone-D9	7.242	2084260	730584	2.8529	100.5476

Not evaluated

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

bcal 5-100ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	1525893	652325	2.3392	100.3384
Oxazepam	Oxazepam-D5	7.309	63621	38037	1.6726	97.0173
Sertraline	Sertraline-D3	7.345	669462	283343	2.3627	96.3744
Temazepam	Temazepam-D5	7.367	591178	319180	1.8522	95.5222
Buprenorphine	Buprenorphine-D4	7.376	55233	111055	0.4973	10.1870
Nordiazepam	Nordiazepam-D5	7.434	178603	51667	3.4568	94.7074
Diazepam	Diazepam-D5	7.490	671111	256178	2.6197	102.5114

ISP FORENSICS - Pocatello Instrument # 59740

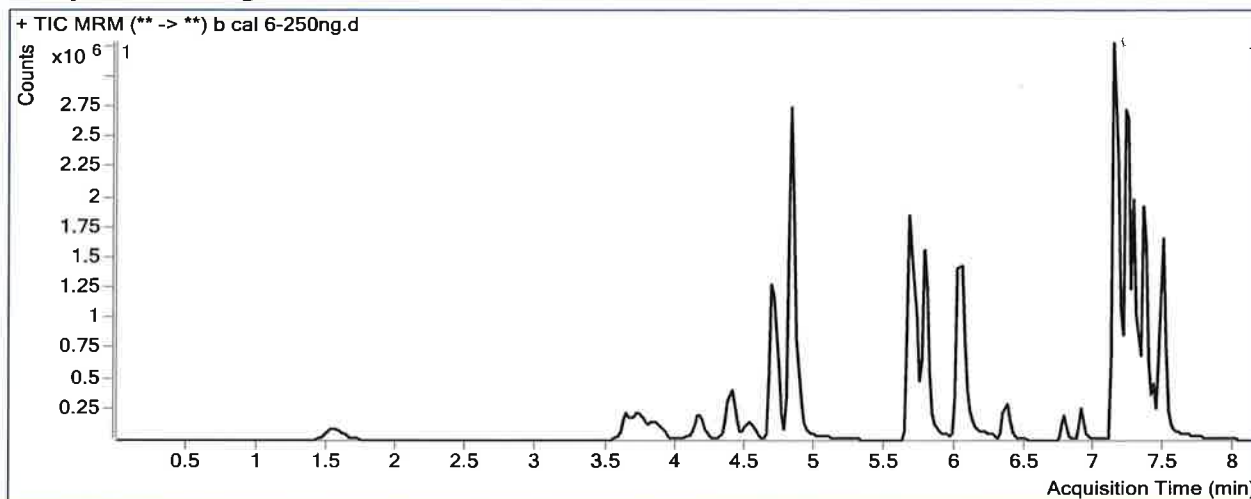
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517 TS.batch.bin
Analysis Time 12/20/2017 4:44 PM **Analyst Name** ISPUser
Report Time 12/21/2017 8:29 AM **Reporter Name** ISPUser
Last Calib Update 12/20/2017 4:44 PM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 21:21 **Data File** b cal 6-250ng.d
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	1.568	655492	83468	7.8532	267.7250
Dihydrocodeine	Dihydrocodeine-D6	3.635	811915	148161	5.4800	276.3329
Naloxone	Naloxone-D5	3.851	844405	167307	5.0471	264.3508
Noroxycodone	Noroxycodone-D3	4.179	855096	110400	7.7455	268.4719
Naltrexone	Naltrexone-D3	4.391	858284	151095	5.6804	261.7416
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	288834	387419	0.7455	26.0757
Naltrexol	Naltrexol-D3	4.689	3162181	480684	6.5785	265.4733
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.838	7785948	1240050	6.2787	253.6131
Ketamine	Ketamine-D4	5.681	4574929	733887	6.2338	271.3321
Norfentanyl	Norfentanyl-D5	5.722	407637	727390	0.5604	24.7743
alpha-PVP	alpha-PVP-d8	6.047	3335782	612499	5.4462	256.8625
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	246702	639259	0.3859	24.9613
Norbuprenorphine	Norbuprenorphine-D3	6.692	2657	5347	0.4968	25.6225
Fentanyl	Fentanyl-D5	6.780	192994	328141	0.5881	25.9024
EDDP	EDDP-D3	6.910	481925	86829	5.5503	265.6042
Quetiapine	Quetiapine-D8	7.139	5378341	232198	23.1627	243.5415
Sufentanil	Sufentanil-D5	7.158	143255	240678	0.5952	25.6512
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	1260599	187934	6.7077	265.5558
Methadone	Methadone-D9	7.242	4691513	638378	7.3491	259.0047

Not recalculated

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

b cal 6-250ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	2953570	453297	6.5157	279.2509
Oxazepam	Oxazepam-D5	7.309	193772	42805	4.5268	263.0676
Sertraline	Sertraline-D3	7.345	1277086	212607	6.0068	243.9093
Temazepam	Temazepam-D5	7.367	1499280	301984	4.9648	254.1025
Buprenorphine	Buprenorphine-D4	7.396	120835	95653	1.2633	25.7046
Nordiazepam	Nordiazepam-D5	7.434	437794	44192	9.9067	267.6661
Diazepam	Diazepam-D5	7.490	1507091	227462	6.6257	259.1921

ISP FORENSICS - Pocatello Instrument # 59740

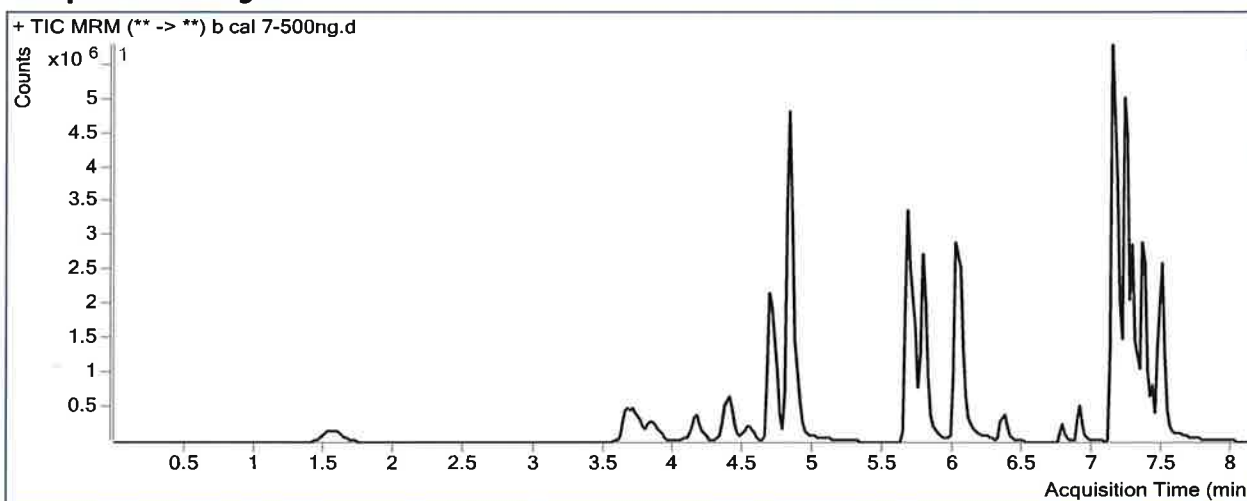
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517 TS.batch.bin
Analysis Time 12/20/2017 4:44 PM **Analyst Name** ISPUser
Report Time 12/21/2017 8:29 AM **Reporter Name** ISPUser
Last Calib Update 12/20/2017 4:44 PM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 21:52 **Data File** b cal 7-500ng.d
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	1.568	1314500	82982	15.8407	540.0964
Dihydrocodeine	Dihydrocodeine-D6	3.675	1680658	161759	10.3899	523.8416
Naloxone	Naloxone-D5	3.851	1584738	156943	10.0976	528.1982
Noroxycodone	Noroxycodone-D3	4.179	1572802	109019	14.4268	499.4930
Naltrexone	Naltrexone-D3	4.391	1476639	135861	10.8687	500.9755
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	601487	380468	1.5809	55.2385
Naltrexol	Naltrexol-D3	4.689	5577304	447244	12.4704	503.7407
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.838	15645177	1246996	12.5463	506.7022
Ketamine	Ketamine-D4	5.681	8783407	769189	11.4190	497.1226
Norfentanyl	Norfentanyl-D5	5.722	737685	690684	1.0681	47.0735
alpha-PVP	alpha-PVP-d8	6.027	6492392	608784	10.6645	502.7898
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	458023	575999	0.7952	51.3276
Norbuprenorphine	Norbuprenorphine-D3	6.692	4898	4549	1.0767	53.5177
Fentanyl	Fentanyl-D5	6.780	321362	275393	1.1669	51.2497
EDDP	EDDP-D3	6.910	988946	93726	10.5514	503.9218
Quetiapine	Quetiapine-D8	7.138	10649147	210688	50.5446	532.3251
Sufentanil	Sufentanil-D5	7.158	239557	206923	1.1577	49.5255
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	2209426	169355	13.0462	516.5032
Methadone	Methadone-D9	7.222	8620602	600634	14.3525	505.8191

Not evaluated

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

b cal 7-500ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	4032223	379608	10.6221	455.1531
Oxazepam	Oxazepam-D5	7.309	428320	47226	9.0695	527.3478
Sertraline	Sertraline-D3	7.345	2040045	151288	13.4845	546.6514
Temazepam	Temazepam-D5	7.367	2868189	284889	10.0677	514.0875
Buprenorphine	Buprenorphine-D4	7.376	200125	69859	2.8647	58.1499
Nordiazepam	Nordiazepam-D5	7.434	799502	45933	17.4058	468.7608
Diazepam	Diazepam-D5	7.490	2713847	209469	12.9558	506.7765

ISP FORENSICS - Pocatello Instrument # 59740

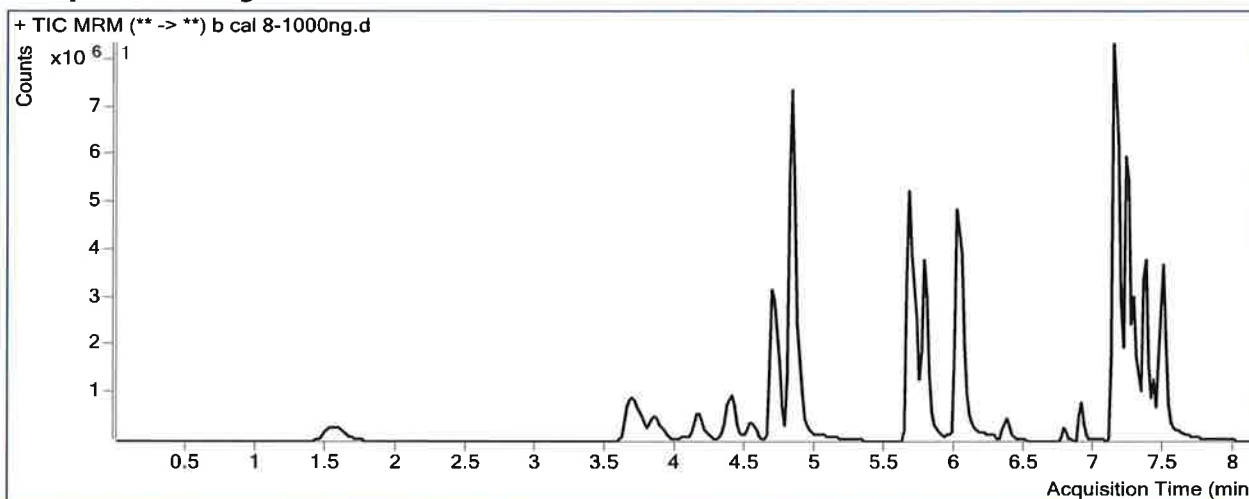
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2017\MD Quant\12-15-17 Panel 1 TS\QuantResults\MDQ Panel1b 121517 TS.batch.bin
Analysis Time 12/20/2017 4:44 PM **Analyst Name** ISPUser
Report Time 12/21/2017 8:29 AM **Reporter Name** ISPUser
Last Calib Update 12/20/2017 4:44 PM **Batch State** Processed

Analysis Info

Acq Time 2017-12-15 22:24 **Data File** b cal 8-1000ng.d
Sample Type Calibration **Sample Name** b cal 8-1000ng
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	1.568	2369462	85556	27.6947	944.3104
Dihydrocodeine	Dihydrocodeine-D6	3.695	2675854	141986	18.8459	950.1036
Naloxone	Naloxone-D5	3.851	2595241	124370	20.8672	1090.8205
Noroxycodone	Noroxycodone-D3	4.179	2446984	86052	28.4362	983.8919
Naltrexone	Naltrexone-D3	4.391	2192656	102901	21.3084	982.3528
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	1049198	336724	3.1159	108.8242
Naltrexol	Naltrexol-D3	4.689	8712296	361416	24.1060	974.2838
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.838	25589473	1044684	24.4949	989.1987
Ketamine	Ketamine-D4	5.681	15089850	664363	22.7132	988.9294
Norfentanyl	Norfentanyl-D5	5.722	1311301	556670	2.3556	103.6329
alpha-PVP	alpha-PVP-d8	6.027	10595087	508192	20.8486	982.7387
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	646408	420887	1.5358	99.0427
Norbuprenorphine	Norbuprenorphine-D3	6.692	4847	2557	1.8956	92.9121
Fentanyl	Fentanyl-D5	6.780	397482	176298	2.2546	98.8839
EDDP	EDDP-D3	6.910	1545992	74737	20.6856	986.8471
Quetiapine	Quetiapine-D8	7.138	14838391	166173	89.2950	941.0070
Sufentanil	Sufentanil-D5	7.158	310696	131647	2.3601	100.5568
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	2522204	101644	24.8142	982.4118
Methadone	Methadone-D9	7.242	10405622	371791	27.9879	986.3571

Not evaluated

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

Dcal 8-1000 ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	4051592	175079	23.1416	991.4508
Oxazepam	Oxazepam-D5	7.309	674849	40494	16.6655	969.2602
Sertraline	Sertraline-D3	7.345	2008411	80131	25.0642	1015.4695
Temazepam	Temazepam-D5	7.367	4821452	248395	19.4105	990.0799
Buprenorphine	Buprenorphine-D4	7.396	206617	32381	6.3808	129.3865
Nordiazepam	Nordiazepam-D5	7.434	1349254	31698	42.5655	1143.4397
Diazepam	Diazepam-D5	7.490	4252311	162808	26.1185	1021.5923