reviewed 5/22/18 5/10/2018

Worklist: 2392

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2018-1693	2	115563	AM 28 Blood Multi-Drug Quant Panel 2 by LC-Q(
M2018-2062	2	115565	AM 28 Blood Multi-Drug Quant Panel 2 by LC-Q(
P2018-1002	1	115570	AM 28 Blood Multi-Drug Quant Panel 2 by LC-Q(
P2018-1056	1	115566	AM 28 Blood Multi-Drug Quant Panel 2 by LC-Q(
P2018-1061	1	115568	AM 28 Blood Multi-Drug Quant Panel 2 by LC-Q(
P2018-1097	1	115567	AM 28 Blood Multi-Drug Quant Panel 2 by LC-Q(
P2018-1145	1	115569	AM 28 Blood Multi-Drug Quant Panel 2 by LC-Q(
P2018-1239	1	115564	AM 28 Blood Multi-Drug Quant Panel 2 by LC-Q(

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

Extraction Date: 05/10/18 Analyst: Sarah Pickle
Plate lot#: 0507680 Plate Expiration: 06/05/2018

Mobile phase A: 5mM Amm Form + 0.01% FA **Mobile phase B:** 0.01% Formic Acid in MeOH
0.5M Ammonium Hydroxide Ethyl Acetate
20% Methanol in Water
Blank Blood Lot: 361331-2 **Column**: Agilent 120 EC-C18 (2.1x 100-4um)
LCMS-QQQ ID: 59740

Pre-Analytic:

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

Analytic:

☒ 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
☒ 2. Pipette **250µL blood (calibrated pipette) Pipette ID: #3** in wells of analytical (standards) plate.
☒ 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 067105*
☒ 4. Pipette **250µL 00.5M ammonium hydroxide** in wells of analytical plate.
☒ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
☒ 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). ***(Load at 85-100 PSI- Selector to the right)*** Manifold ID: 067104
☒ 8. Wait 5 minutes.
☒ 9. Add **900uL ethyl acetate.**
☒ 10. Wait 5 minutes.
☒ 11. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 12. Add **900uL ethyl acetate.**
☒ 13. Wait 5 minutes.
☒ 14. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C. *SPE Dry ID: 067103*
☒ 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

☒ 1. Create batch and process data.
Worklist path: 051018 MDQ P1 P2 SP
Batch Name: 051018 MDQP2a wklst 2392, 051018 MDQP2b wklst 2392
☒ 2. Make necessary changes to integration limits
☒ 3. Integration linear and R^2 values ≥0.98 for each analyte.
☒ 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5%, S/N for primary transition >10 and secondary transition >5.
☒ 5. Did all QCs pass for each analyte? Y / N _____
☒ 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: Did not evaluate: Amoxapine

Curve Range Limited: Zaleplon 10-1000, Ondansetron 5-100, Benzoylecgonine 5-500, Mirtazapine 5-100, Clomipramine 10-1000, Desipramine 10-1000, Flunitrazepam 10-1000, Flurazepam 10-1000, Imipramine 10-1000, Norpropoxyphene 10-1000, Pentazocine 10-1000, Phencyclidine 10-1000, Phenytoin 10-1000, Propoxyphene 10-1000, Trimipramine 10-1000, Verapamil 10-1000

Idaho State Police Forensic Services

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

Analyst: Sarah Pickle
Extraction Date: 05/10/18
Worklist Number: 2392

Reagent	*Lot Number*	*Expiration Date*	*Date in Service*	*Date Out of Service*	*Initials*
ToxBox Benzo/Opiate Quant Plate	0507680	06/05/2018			
Negative Blood	361331-2		12/27/17		
Methanol External Control Solution	022018	02/20/19	02/20/18		
Blood External Control Solution	WS022018	02/20/19	02/20/18		
0.5M Ammonium Hydroxide	032918	09/29/18	03/29/18		
Formic Acid (LCMS Grade)	095180B		06/12/17		
Water (LCMS Grade)	177528		03/5/18		
Methanol (LCMS Grade)	177145		04/11/18		
Ammonium Formate (LCMS Grade)	A0287238		01/30/17		
Ammonium Hydroxide (ACS grade or better)	053200		08/03/07		
Ethyl Acetate (ACS grade or better)	100362		06/26/17		
20% LCMS Methanol in LCMS Water	051018		05/10/18		
5mM Ammonium Formate + 0.01% Formic Acid in Water (Mobile Phase A)	051018		05/10/18		
0.01% Formic Acid in Methanol (Mobile Phase B)	031918		03/19/18		
Needle Rinse--75% LCMS MeOH in LCMS Water	050718		05/07/18		

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

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

Blood External Control Solution (Lot: WS022018)

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

Component	*Source*	*Source Lot Number*
Negative Blood	Hemostat	361331-3
Methanol External Control Solution		022018
Prepared:	02/20/18	
Prepared by:	Tamara Salazar	
Expires:	02/20/19	

0.5M Ammonium Hydroxide (Lot: 032918)

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

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

Component	*Source*	*Source Lot Number*
MeOH (LCMS Grade)	Fisher	177145
Water (LCMS Grade)	Fisher	177528

5mM Ammonium Formate + 0.01% Formic Acid in Water (Lot: 051018)

Component	*Source*	*Source Lot Number*
Ammonium Formate	Arcos Organics	A0287238
LCMS Water	Fisher	177528
Formic Acid	Fisher	095180B
Prepared:	05/10/18	
Prepared By:	Sarah Pickle	

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

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

Needle Rinse (75% LCMS MeOH in LCMS Water) (Lot: 050718)

Component	*Source*	*Source Lot Number*
MeOH (LCMS Grade)	Fisher	177145
Water (LCMS Grade)	Fisher	177528
Prepared:	05/07/18	
Prepared By:	Sarah Pickle	

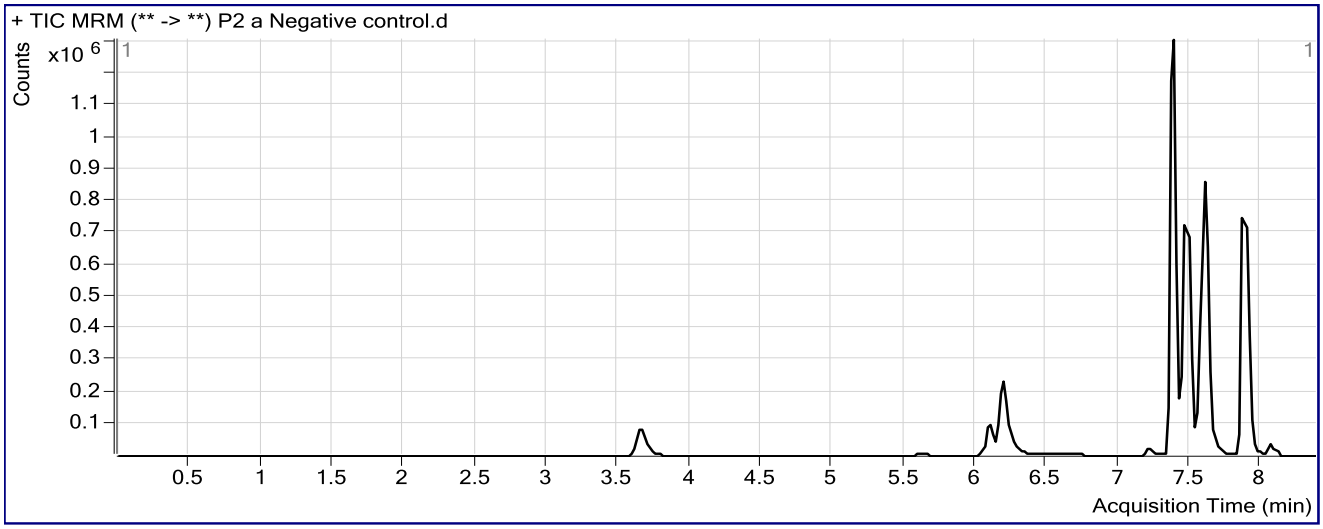
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.		
Analysis Time	5/22/2018 8:27 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:31 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:27 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 19:07	**Data File**	P2 a Negative control.d
Sample Type	Sample	**Sample Name**	P2 a Negative control.d
Dilution	1	**Acq Method**	MDQ Panel 2a 1-26-2018.m
Position	P1-E6	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Estazolam	Estazolam-D5	7.484	10178	2028699	0.0050	1.2934 <5
Prazepam	Prazepam-D5	7.882	33437	2425551	0.0138	1.1801 <5

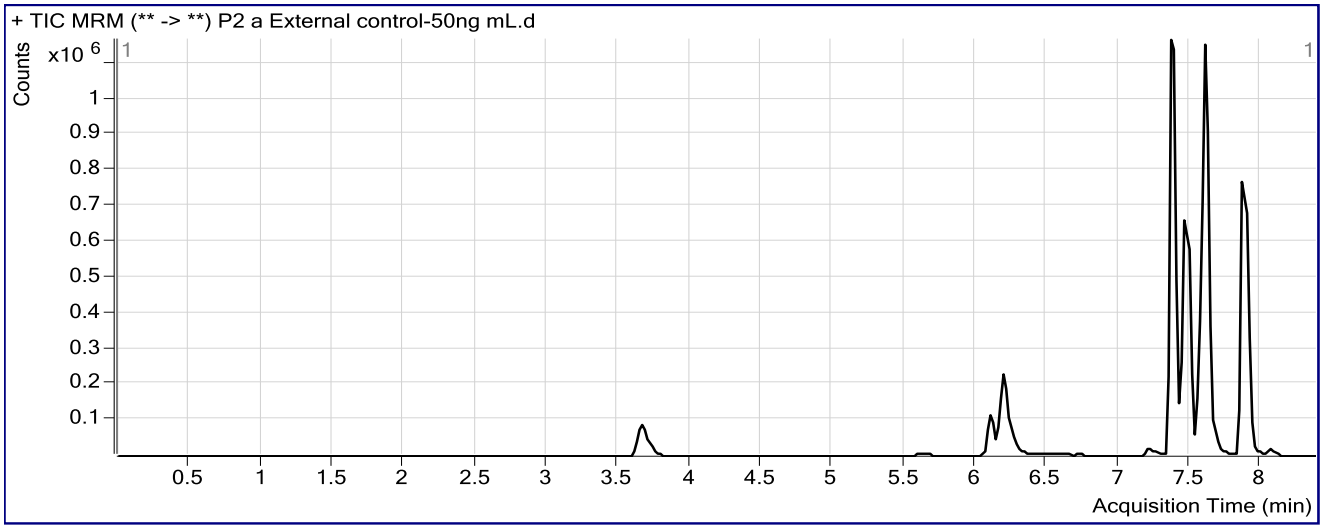
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.		
Analysis Time	5/22/2018 8:27 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:31 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:27 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 19:39	**Data File**	P2 a External control-50ng mL.d
Sample Type	Sample	**Sample Name**	P2 a External control-50ng mL.d
Dilution	1	**Acq Method**	MDQ Panel 2a 1-26-2018.m
Position	P1-F6	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28; WS022018 50 ng flunitrazepam, zopiclone, chlorodiazepoxide

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Zopiclone	Zopiclone-D4	6.089	126522	266541	0.4747	18.8463
Chlordiazepoxide	Chlordiazepoxide-D5	7.603	837707	1448429	0.5784	54.5150

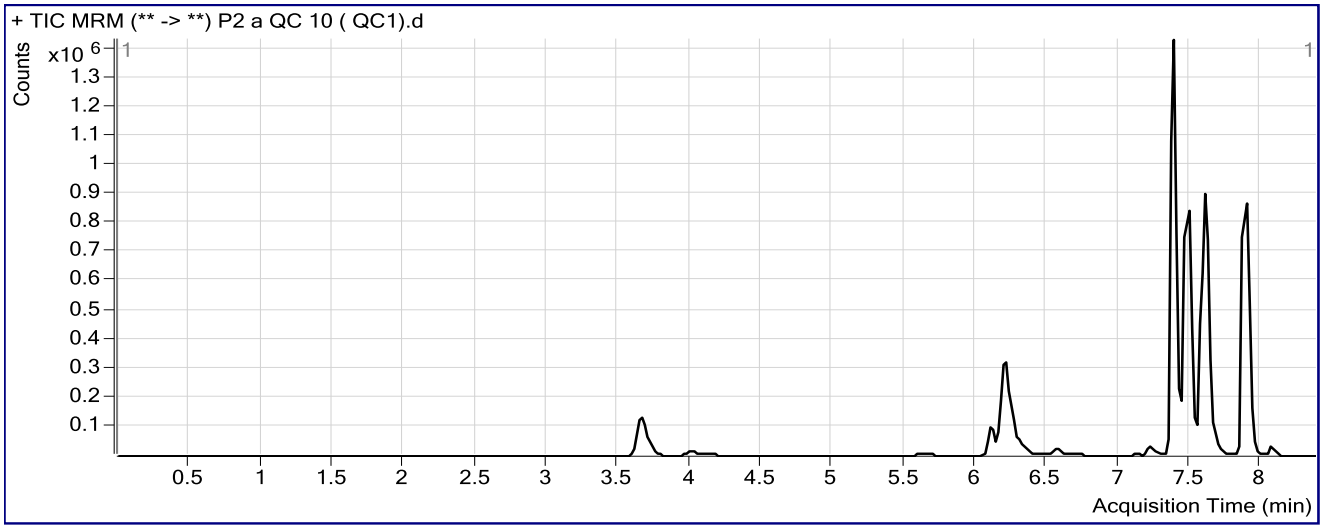
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.		
Analysis Time	5/22/2018 8:27 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:31 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:27 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 20:42	**Data File**	P2 a QC 10 (QC1).d
Sample Type	QC	**Sample Name**	P2 a QC 10 (QC1).d
Dilution	1	**Acq Method**	MDQ Panel 2a 1-26-2018.m
Position	P1-A6	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.676	130600	557804	0.2341	10.4530
Levamisole	Benzoylecgonine-d8	3.985	62846	24537	2.5613	7.5318
Benzoylecgonine	Benzoylecgonine-d8	5.678	8536	24537	0.3479	11.4048
Zopiclone	Zopiclone-D4	6.109	66661	290601	0.2294	10.0623
Cocaine	Cocaine-D3	6.193	139029	563191	0.2469	10.4979
Methylphenidate	Methylphenidate-D4	6.226	168776	555982	0.3036	10.1505
Metoprolol	Methylphenidate-D4	6.241	28843	555982	0.0519	9.5790
Ondansetron	Carbamazepine-13C6	6.296	72148	3608565	0.0200	8.7283
Mirtazapine	Carbamazepine-13C6	6.565	51140	3608565	0.0142	8.3506
Mitragynine	Doxepin-D3	7.112	11769	89106	0.1321	10.9149
Doxepin	Doxepin-D3	7.224	18541	89106	0.2081	11.2049
Carbamazepine	Carbamazepine-13C6	7.392	644583	3608565	0.1786	10.4123
Protriptyline	Protriptyline-d3	7.450	24631	114588	0.2150	10.5503
Amitriptyline	Amitriptyline-D3	7.467	40524	80390	0.5041	9.9173
Estazolam	Estazolam-D5	7.484	380982	1769607	0.2153	10.8498
Maprotiline	Nortriptyline-d3	7.487	38787	87902	0.4413	9.8095
Nortriptyline	Nortriptyline-d3	7.490	19406	87902	0.2208	10.0098
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	222671	1080139	0.2062	11.7111
Midazolam	Midazolam-D4	7.600	38641	592429	0.0652	10.2226

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report a QC 10 (QC1)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	147033	1334998	0.1101	10.6880
Phenazepam	Phenazepam-D4	7.655	36916	57333	0.6439	9.0156
Prazepam	Prazepam-D5	7.882	495300	2223766	0.2227	10.4483

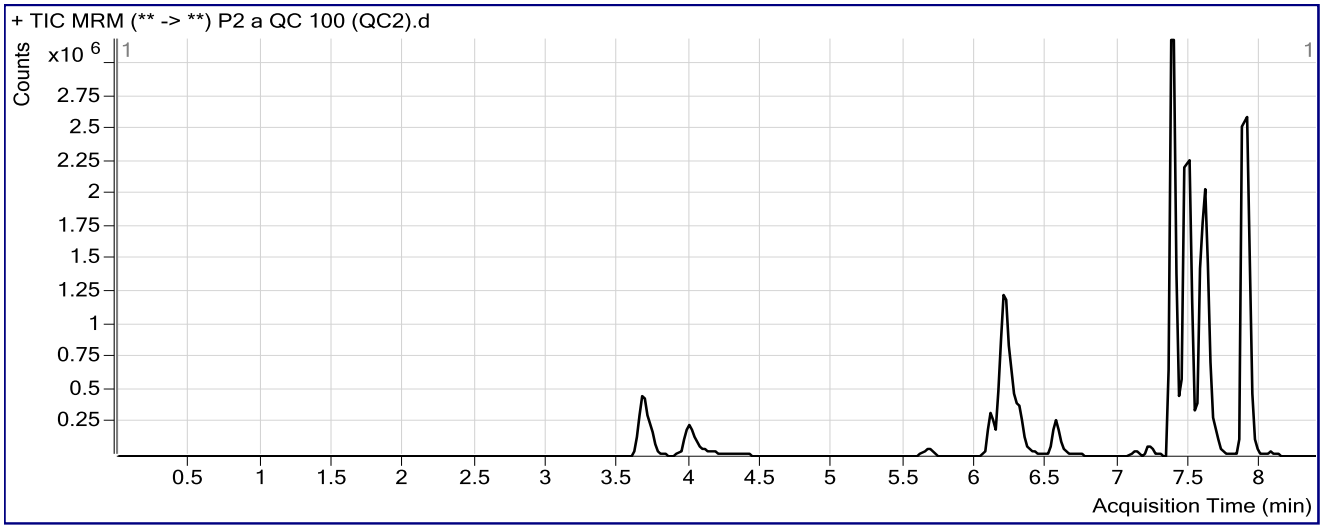
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.		
Analysis Time	5/22/2018 8:27 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:32 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:27 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 22:48	**Data File**	P2 a QC 100 (QC2).d
Sample Type	QC	**Sample Name**	P2 a QC 100 (QC2).d
Dilution	1	**Acq Method**	MDQ Panel 2a 1-26-2018.m
Position	P1-B6	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.696	1555481	617971	2.5171	97.1722
Levamisole	Benzoylecgonine-d8	3.985	903403	26023	34.7154	86.3545
Benzoylecgonine	Benzoylecgonine-d8	5.678	108172	26023	4.1568	110.1474
Zopiclone	Zopiclone-D4	6.089	704251	283294	2.4859	90.8698
Cocaine	Cocaine-D3	6.173	1623889	619084	2.6231	95.2118
Methylphenidate	Methylphenidate-D4	6.226	1846734	589571	3.1323	98.8670
Metoprolol	Methylphenidate-D4	6.241	335633	589571	0.5693	105.8640
Ondansetron	Carbamazepine-13C6	6.296	834744	3609360	0.2313	97.2384
Mirtazapine	Carbamazepine-13C6	6.565	632749	3609360	0.1753	114.8758
Mitragynine	Doxepin-D3	7.112	117434	76740	1.5303	103.6609
Doxepin	Doxepin-D3	7.224	156395	76740	2.0380	94.5747
Carbamazepine	Carbamazepine-13C6	7.372	6451413	3609360	1.7874	101.5973
Protriptyline	Protriptyline-d3	7.450	168983	80519	2.0987	87.9512
Amitriptyline	Amitriptyline-D3	7.467	268044	49850	5.3770	102.9981
Estazolam	Estazolam-D5	7.484	3502040	1730572	2.0236	93.0342
Maprotiline	Nortriptyline-d3	7.467	262537	55617	4.7205	95.1930
Nortriptyline	Nortriptyline-d3	7.490	128905	55617	2.3177	91.0765
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.558	2241523	1150869	1.9477	108.3563
Midazolam	Midazolam-D4	7.600	449537	636289	0.7065	96.3557

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report a QC 100 (QC2)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.603	1324660	1248776	1.0608	99.6706
Phenazepam	Phenazepam-D4	7.655	329499	39960	8.2457	107.9582
Prazepam	Prazepam-D5	7.882	5029633	2266083	2.2195	99.0199

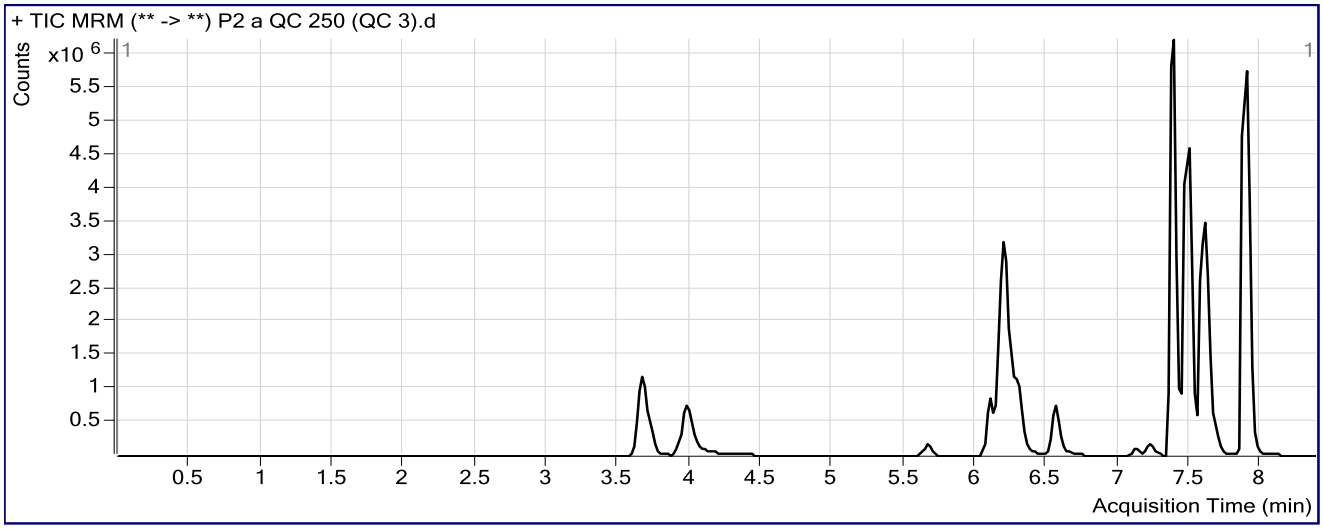
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.		
Analysis Time	5/22/2018 8:27 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:32 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:27 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-11 00:06	**Data File**	P2 a QC 250 (QC 3).d
Sample Type	QC	**Sample Name**	P2 a QC 250 (QC 3).d
Dilution	1	**Acq Method**	MDQ Panel 2a 1-26-2018.m
Position	P1-C6	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc	
Pseudoephedrine	Pseudoephedrine-D3	3.676	4733916	745498	6.3500	242.7687	
Levamisole	Benzoylecgonine-d8	3.965	2393332	28702	83.3850	205.6634	
Benzoylecgonine	Benzoylecgonine-d8	5.657	336340	28702	11.7183	306.1766	
Zopiclone	Zopiclone-D4	6.089	2102968	332272	6.3290	228.4923	
Cocaine	Cocaine-D3	6.173	4902428	729157	6.7234	241.3942	
Methylphenidate	Methylphenidate-D4	6.226	5440387	703009	7.7387	243.3330	
Metoprolol	Methylphenidate-D4	6.241	929960	703009	1.3228	246.0920	
~~Ondansetron~~	~~Carbamazepine-13C6~~	~~6.296~~	~~2427513~~	~~3474739~~	~~0.6986~~	~~293.0217~~	outside curve range
~~Mirtazapine~~	~~Carbamazepine-13C6~~	~~6.565~~	~~1778250~~	~~3474739~~	~~0.5118~~	~~337.3042~~	outside curve range
Mitragynine	Doxepin-D3	7.112	326355	80461	4.0561	271.1999	
Doxepin	Doxepin-D3	7.224	438197	80461	5.4461	249.8452	
Carbamazepine	Carbamazepine-13C6	7.392	15366337	3474739	4.4223	250.9410	
Protriptyline	Protriptyline-d3	7.450	471819	82423	5.7243	236.9260	
Amitriptyline	Amitriptyline-D3	7.467	708005	52068	13.5978	260.0270	
Estazolam	Estazolam-D5	7.484	8189751	1563078	5.2395	239.1873	
Maprotiline	Nortriptyline-d3	7.487	717093	56770	12.6315	253.0428	
Nortriptyline	Nortriptyline-d3	7.490	358722	56770	6.3188	245.7559	
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	5286573	1096588	4.8209	267.8058	
Midazolam	Midazolam-D4	7.600	1232379	706018	1.7455	235.9143	

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report a QC 250 (QC3)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	2787014	972648	2.8654	268.5900
Phenazepam	Phenazepam-D4	7.655	587042	31514	18.6282	243.0937
Prazepam	Prazepam-D5	7.882	13190064	2337383	5.6431	250.8784

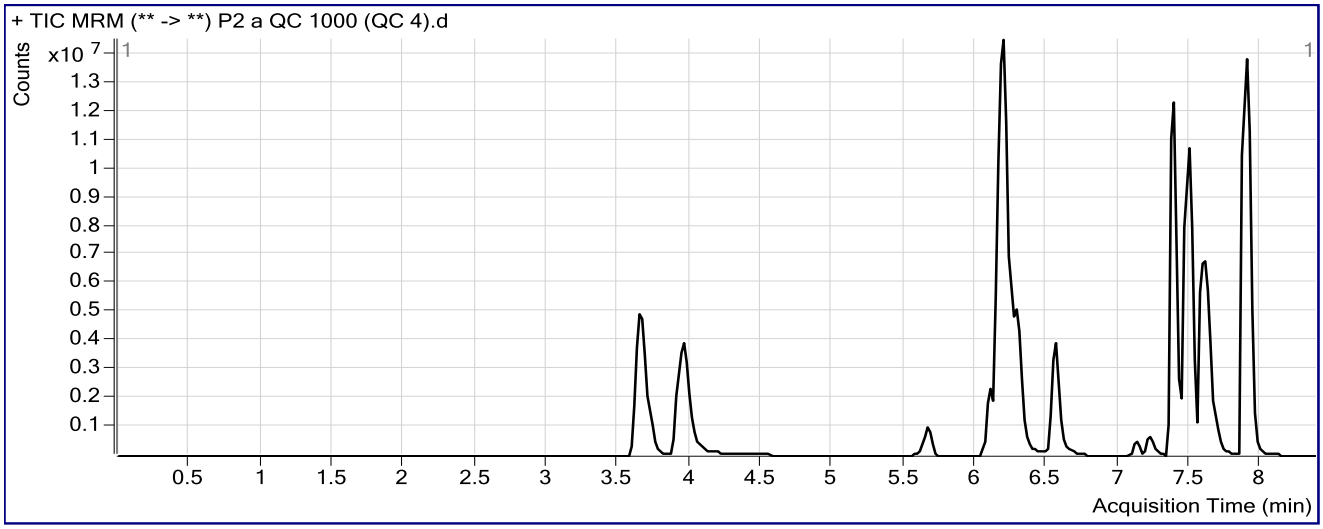
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.		
Analysis Time	5/22/2018 8:27 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:32 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:27 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-11 01:41	**Data File**	P2 a QC 1000 (QC 4).d
Sample Type	QC	**Sample Name**	P2 a QC 1000 (QC 4).d
Dilution	1	**Acq Method**	MDQ Panel 2a 1-26-2018.m
Position	P1-D6	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc	
Pseudoephedrine	Pseudoephedrine-D3	3.656	23014397	851708	27.0215	1027.9878	
Levamisole	Benzoylecgonine-d8	3.945	12771285	27196	469.6032	1152.4403	
~~Benzoylecgonine~~	~~Benzoylecgonine-d8~~	~~5.657~~	~~1847111~~	~~27196~~	~~67.9187~~	~~1763.1459~~	outside curve range
Zopiclone	Zopiclone-D4	6.089	6132508	235120	26.0825	935.8667	
Cocaine	Cocaine-D3	6.153	26372766	942372	27.9855	999.4112	
Methylphenidate	Methylphenidate-D4	6.206	25594249	773546	33.0869	1038.3076	
Metoprolol	Methylphenidate-D4	6.241	3597806	773546	4.6511	865.4463	
~~Ondansetron~~	~~Carbamazepine-13C6~~	~~6.276~~	~~11799839~~	~~2031845~~	~~5.8075~~	~~2433.2477~~	outside curve range
~~Mirtazapine~~	~~Carbamazepine-13C6~~	~~6.565~~	~~9141915~~	~~2031845~~	~~4.4993~~	~~2973.4330~~	outside curve range
Mitragynine	Doxepin-D3	7.112	1378465	74912	18.4011	1222.7365	
Doxepin	Doxepin-D3	7.224	1752667	74912	23.3963	1067.6525	
Carbamazepine	Carbamazepine-13C6	7.392	35496028	2031845	17.4699	990.4677	
Protriptyline	Protriptyline-d3	7.450	1803412	72765	24.7841	1020.0739	
Amitriptyline	Amitriptyline-D3	7.487	2846388	57231	49.7348	950.2997	
Estazolam	Estazolam-D5	7.484	19532705	857823	22.7701	1035.9074	
Maprotiline	Nortriptyline-d3	7.487	2875288	48626	59.1313	1180.8575	
Nortriptyline	Nortriptyline-d3	7.490	1422017	48626	29.2443	1132.0308	
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	12102358	631039	19.1785	1064.5704	
Midazolam	Midazolam-D4	7.600	4749063	642589	7.3905	994.1228	

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report a QC 1000 (QC4)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	5740133	494415	11.6099	1087.1146
Phenazepam	Phenazepam-D4	7.655	1142886	15816	72.2623	941.1772
Prazepam	Prazepam-D5	7.882	37567660	1734971	21.6532	961.0357

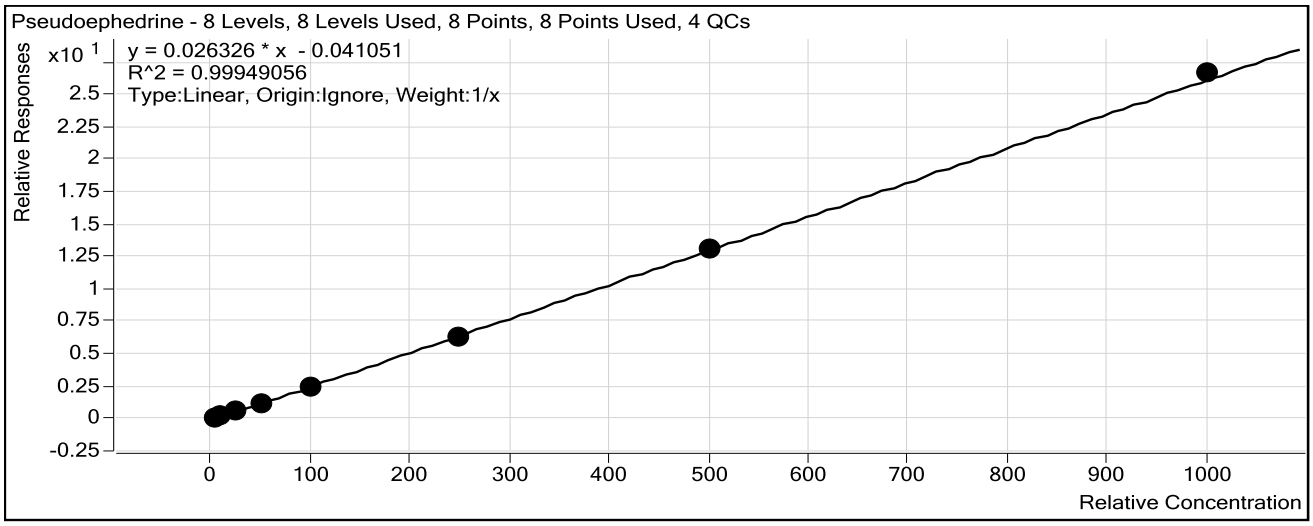
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Pseudoephedrine*

Internal Standard *Pseudoephedrine-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	5.7	114.8
P2 a cal 2-10ng.d	2	☑	10	10.0	100.1
P2 a QC 10 (QC1).d	2	☑	10	10.5	104.5
P2 a cal 3-25ng.d	3	☑	25	24.0	95.8
P2 a cal 4-50ng.d	4	☑	50	47.9	95.7
P2 a cal 5-100ng.d	5	☑	100	94.8	94.8
P2 a QC 100 (QC2).d	5	☑	100	97.2	97.2
P2 a cal 6-250ng.d	6	☑	250	242.7	97.1
P2 a QC 250 (QC 3).d	6	☑	250	242.8	97.1
P2 a cal 7-500ng.d	7	☑	500	502.0	100.4
P2 a cal 8-1000ng.d	8	☑	1000	1012.9	101.3
P2 a QC 1000 (QC 4).d	8	☑	1000	1028.0	102.8

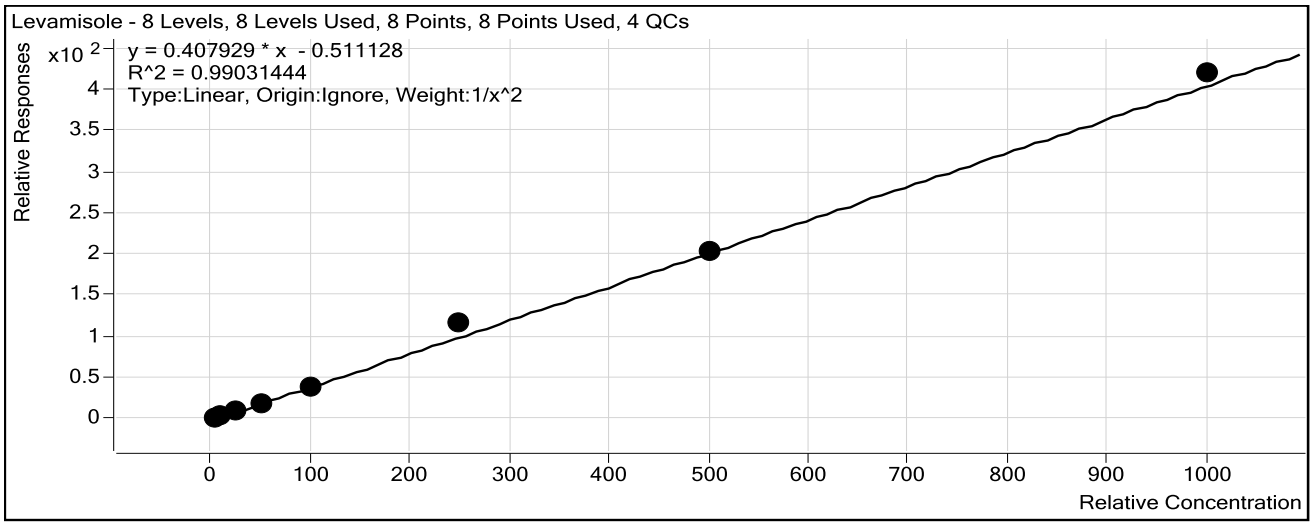
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Levamisole*

Internal Standard *Benzoylecgonine-d8*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	5.4	107.3
P2 a cal 2-10ng.d	2	☑	10	8.8	88.1
P2 a QC 10 (QC1).d	2	☑	10	7.5	75.3
P2 a cal 3-25ng.d	3	☑	25	24.0	95.9
P2 a cal 4-50ng.d	4	☑	50	46.1	92.1
P2 a cal 5-100ng.d	5	☑	100	98.2	98.2
P2 a QC 100 (QC2).d	5	☑	100	86.4	86.4
P2 a cal 6-250ng.d	6	☑	250	287.9	115.2
P2 a QC 250 (QC 3).d	6	☑	250	205.7	82.3
P2 a cal 7-500ng.d	7	☑	500	500.8	100.2
P2 a cal 8-1000ng.d	8	☑	1000	1030.1	103.0
P2 a QC 1000 (QC 4).d	8	☑	1000	1152.4	115.2

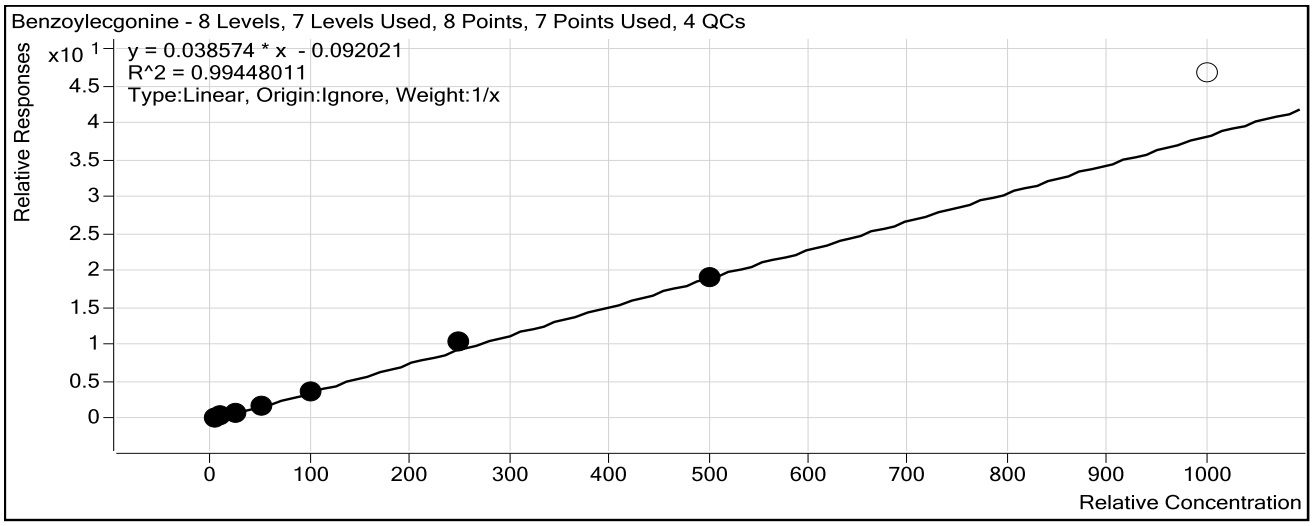
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Benzoylecgonine*

Internal Standard *Benzoylecgonine-d8*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	6.4	129.0
P2 a cal 2-10ng.d	2	☑	10	10.6	105.8
P2 a QC 10 (QC1).d	2	☑	10	11.4	114.0
P2 a cal 3-25ng.d	3	☑	25	20.6	82.4
P2 a cal 4-50ng.d	4	☑	50	40.9	81.8
P2 a cal 5-100ng.d	5	☑	100	94.0	94.0
P2 a QC 100 (QC2).d	5	☑	100	110.1	110.1
P2 a cal 6-250ng.d	6	☑	250	267.6	107.1
P2 a QC 250 (QC 3).d	6	☑	250	306.2	122.5
P2 a cal 7-500ng.d	7	☑	500	499.8	100.0
P2 a cal 8-1000ng.d	8	☐	1000	1212.2	121.2
P2 a QC 1000 (QC 4).d	8	☑	1000	1763.1	176.3

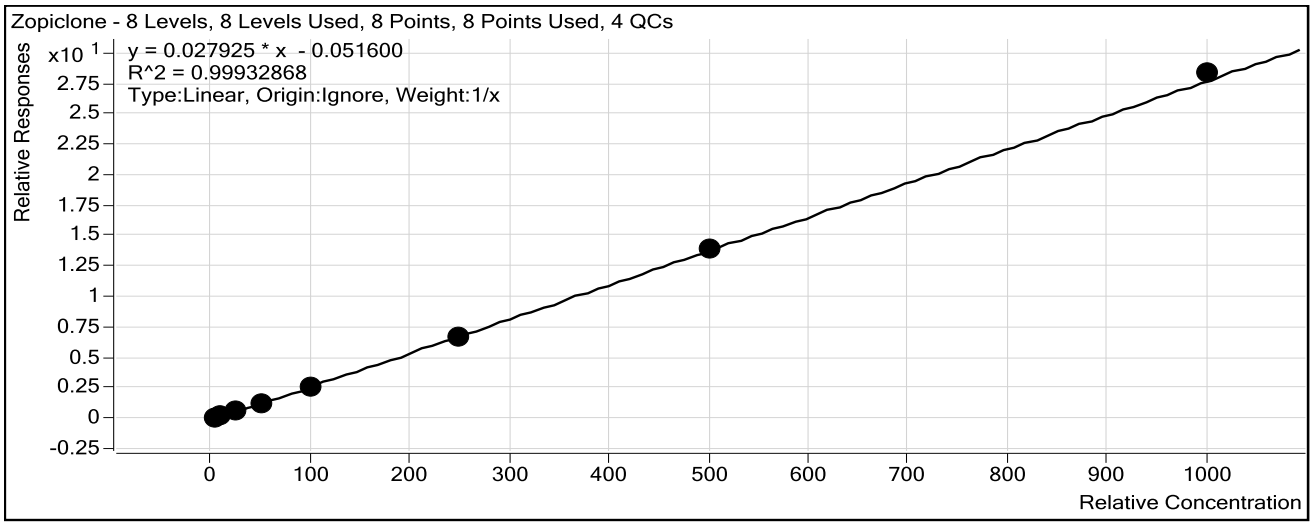
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Zopiclone*

Internal Standard *Zopiclone-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	5.9	117.3
P2 a cal 2-10ng.d	2	☑	10	10.1	100.8
P2 a QC 10 (QC1).d	2	☑	10	10.1	100.6
P2 a cal 3-25ng.d	3	☑	25	23.0	92.1
P2 a cal 4-50ng.d	4	☑	50	48.2	96.4
P2 a cal 5-100ng.d	5	☑	100	95.4	95.4
P2 a QC 100 (QC2).d	5	☑	100	90.9	90.9
P2 a cal 6-250ng.d	6	☑	250	240.5	96.2
P2 a QC 250 (QC 3).d	6	☑	250	228.5	91.4
P2 a cal 7-500ng.d	7	☑	500	501.4	100.3
P2 a cal 8-1000ng.d	8	☑	1000	1015.6	101.6
P2 a QC 1000 (QC 4).d	8	☑	1000	935.9	93.6

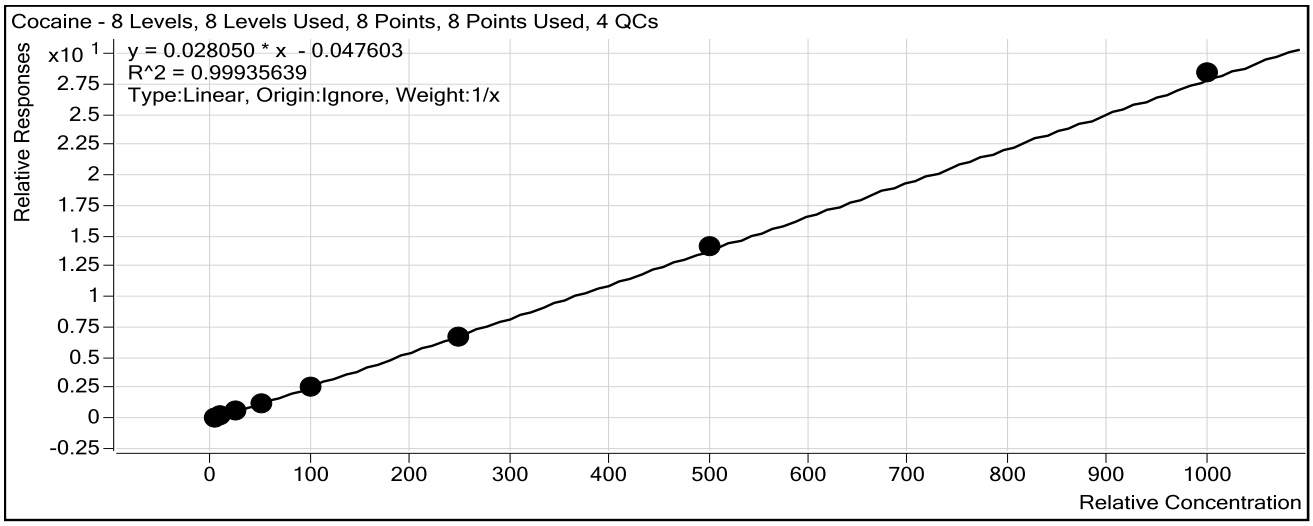
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Cocaine*

Internal Standard *Cocaine-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	5.8	115.7
P2 a cal 2-10ng.d	2	☑	10	10.1	101.4
P2 a QC 10 (QC1).d	2	☑	10	10.5	105.0
P2 a cal 3-25ng.d	3	☑	25	23.6	94.4
P2 a cal 4-50ng.d	4	☑	50	47.5	94.9
P2 a cal 5-100ng.d	5	☑	100	95.4	95.4
P2 a QC 100 (QC2).d	5	☑	100	95.2	95.2
P2 a cal 6-250ng.d	6	☑	250	240.3	96.1
P2 a QC 250 (QC 3).d	6	☑	250	241.4	96.6
P2 a cal 7-500ng.d	7	☑	500	503.5	100.7
P2 a cal 8-1000ng.d	8	☑	1000	1013.8	101.4
P2 a QC 1000 (QC 4).d	8	☑	1000	999.4	99.9

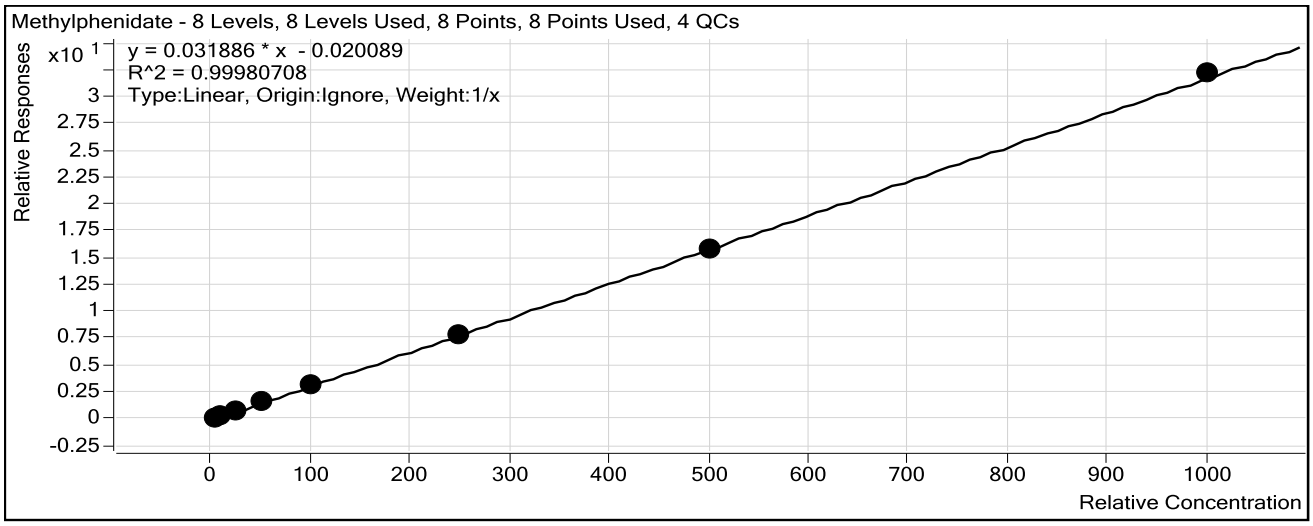
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Methylphenidate*

Internal Standard *Methylphenidate-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	5.2	104.9
P2 a cal 2-10ng.d	2	☑	10	10.0	100.1
P2 a QC 10 (QC1).d	2	☑	10	10.2	101.5
P2 a cal 3-25ng.d	3	☑	25	23.9	95.7
P2 a cal 4-50ng.d	4	☑	50	51.2	102.5
P2 a cal 5-100ng.d	5	☑	100	98.7	98.7
P2 a QC 100 (QC2).d	5	☑	100	98.9	98.9
P2 a cal 6-250ng.d	6	☑	250	243.8	97.5
P2 a QC 250 (QC 3).d	6	☑	250	243.3	97.3
P2 a cal 7-500ng.d	7	☑	500	498.2	99.6
P2 a cal 8-1000ng.d	8	☑	1000	1008.8	100.9
P2 a QC 1000 (QC 4).d	8	☑	1000	1038.3	103.8

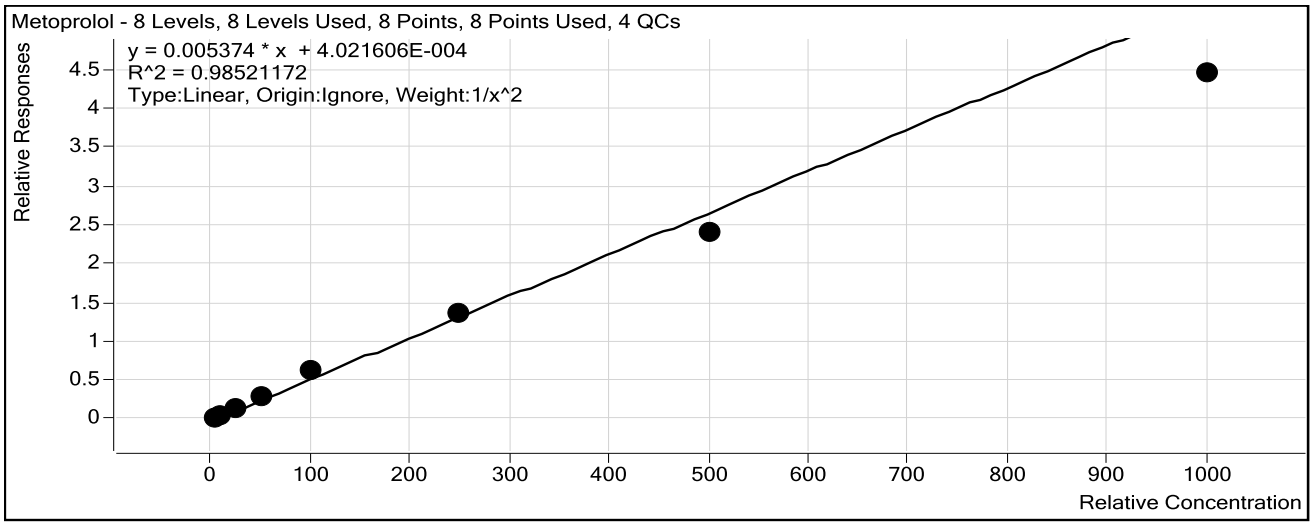
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Metoprolol*

Internal Standard *Methylphenidate-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	4.9	97.3
P2 a cal 2-10ng.d	2	☑	10	10.1	101.2
P2 a QC 10 (QC1).d	2	☑	10	9.6	95.8
P2 a cal 3-25ng.d	3	☑	25	25.3	101.4
P2 a cal 4-50ng.d	4	☑	50	56.1	112.2
P2 a cal 5-100ng.d	5	☑	100	114.5	114.5
P2 a QC 100 (QC2).d	5	☑	100	105.9	105.9
P2 a cal 6-250ng.d	6	☑	250	253.7	101.5
P2 a QC 250 (QC 3).d	6	☑	250	246.1	98.4
P2 a cal 7-500ng.d	7	☑	500	445.3	89.1
P2 a cal 8-1000ng.d	8	☑	1000	827.5	82.8
P2 a QC 1000 (QC 4).d	8	☑	1000	865.4	86.5

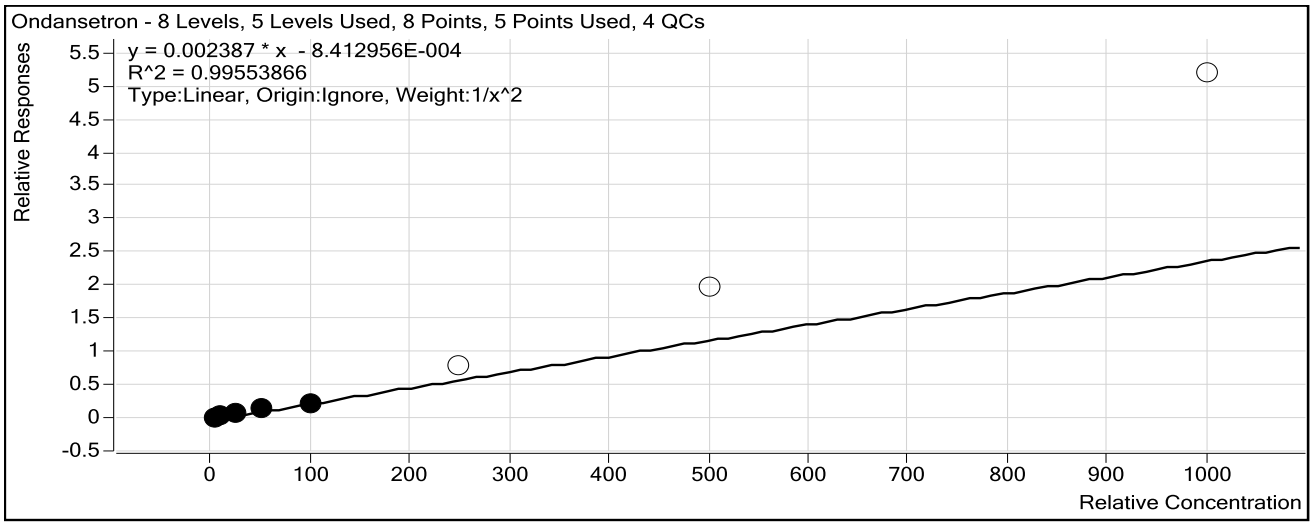
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Ondansetron*

Internal Standard *Carbamazepine-13C6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	5.0	101.0
P2 a cal 2-10ng.d	2	☑	10	9.8	98.2
P2 a QC 10 (QC1).d	2	☑	10	8.7	87.3
P2 a cal 3-25ng.d	3	☑	25	24.1	96.4
P2 a cal 4-50ng.d	4	☑	50	54.3	108.5
P2 a cal 5-100ng.d	5	☑	100	95.9	95.9
P2 a QC 100 (QC2).d	5	☑	100	97.2	97.2
P2 a cal 6-250ng.d	6	☐	250	332.4	133.0
P2 a QC 250 (QC 3).d	6	☑	250	293.0	117.2
P2 a cal 7-500ng.d	7	☐	500	822.3	164.5
P2 a cal 8-1000ng.d	8	☐	1000	2174.0	217.4
P2 a QC 1000 (QC 4).d	8	☑	1000	2433.2	243.3

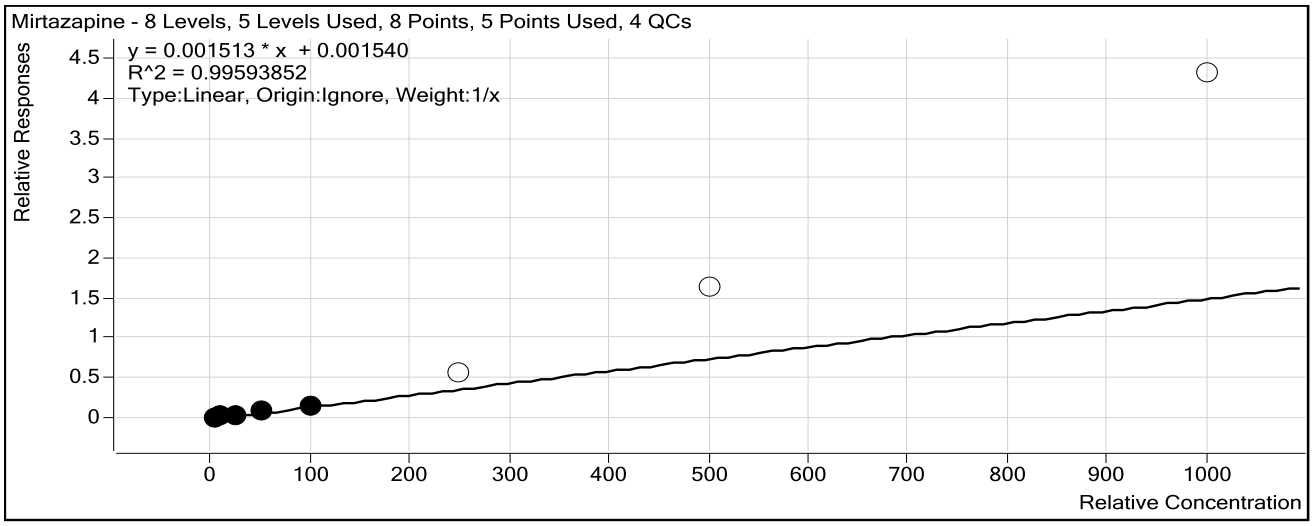
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Mirtazapine*

Internal Standard *Carbamazepine-13C6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	4.8	96.8
P2 a cal 2-10ng.d	2	☑	10	10.8	108.0
P2 a QC 10 (QC1).d	2	☑	10	8.4	83.5
P2 a cal 3-25ng.d	3	☑	25	22.6	90.4
P2 a cal 4-50ng.d	4	☑	50	53.0	106.1
P2 a cal 5-100ng.d	5	☑	100	98.7	98.7
P2 a QC 100 (QC2).d	5	☑	100	114.9	114.9
P2 a cal 6-250ng.d	6	☐	250	374.1	149.6
P2 a QC 250 (QC 3).d	6	☑	250	337.3	134.9
P2 a cal 7-500ng.d	7	☐	500	1087.2	217.4
P2 a cal 8-1000ng.d	8	☐	1000	2852.0	285.2
P2 a QC 1000 (QC 4).d	8	☑	1000	2973.4	297.3

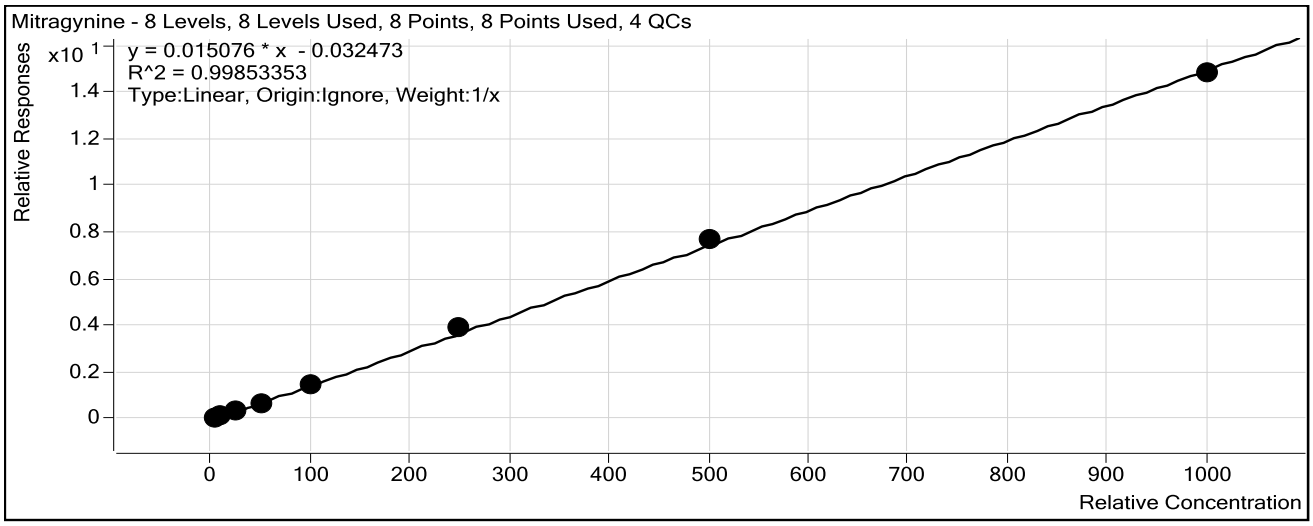
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Mitragynine*

Internal Standard *Doxepin-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	6.0	119.9
P2 a cal 2-10ng.d	2	☑	10	9.8	98.2
P2 a QC 10 (QC1).d	2	☑	10	10.9	109.1
P2 a cal 3-25ng.d	3	☑	25	22.9	91.7
P2 a cal 4-50ng.d	4	☑	50	42.1	84.3
P2 a cal 5-100ng.d	5	☑	100	101.0	101.0
P2 a QC 100 (QC2).d	5	☑	100	103.7	103.7
P2 a cal 6-250ng.d	6	☑	250	259.2	103.7
P2 a QC 250 (QC 3).d	6	☑	250	271.2	108.5
P2 a cal 7-500ng.d	7	☑	500	514.2	102.8
P2 a cal 8-1000ng.d	8	☑	1000	984.7	98.5
P2 a QC 1000 (QC 4).d	8	☑	1000	1222.7	122.3

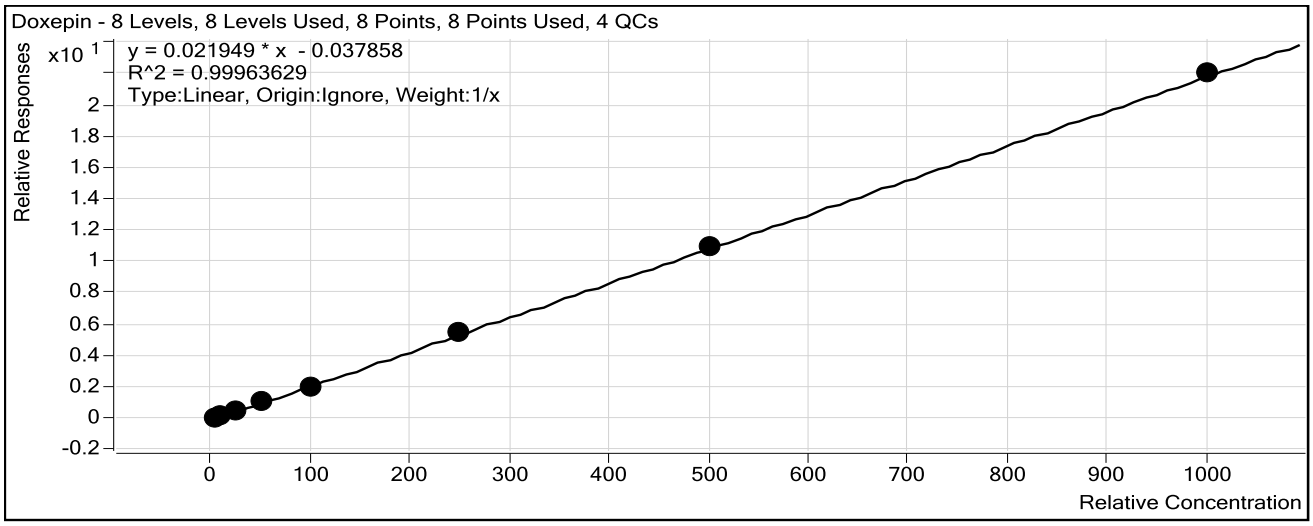
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Doxepin*

Internal Standard *Doxepin-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	5.6	111.1
P2 a cal 2-10ng.d	2	☑	10	10.4	103.6
P2 a QC 10 (QC1).d	2	☑	10	11.2	112.0
P2 a cal 3-25ng.d	3	☑	25	22.4	89.7
P2 a cal 4-50ng.d	4	☑	50	48.8	97.7
P2 a cal 5-100ng.d	5	☑	100	96.0	96.0
P2 a QC 100 (QC2).d	5	☑	100	94.6	94.6
P2 a cal 6-250ng.d	6	☑	250	255.0	102.0
P2 a QC 250 (QC 3).d	6	☑	250	249.8	99.9
P2 a cal 7-500ng.d	7	☑	500	498.3	99.7
P2 a cal 8-1000ng.d	8	☑	1000	1003.6	100.4
P2 a QC 1000 (QC 4).d	8	☑	1000	1067.7	106.8

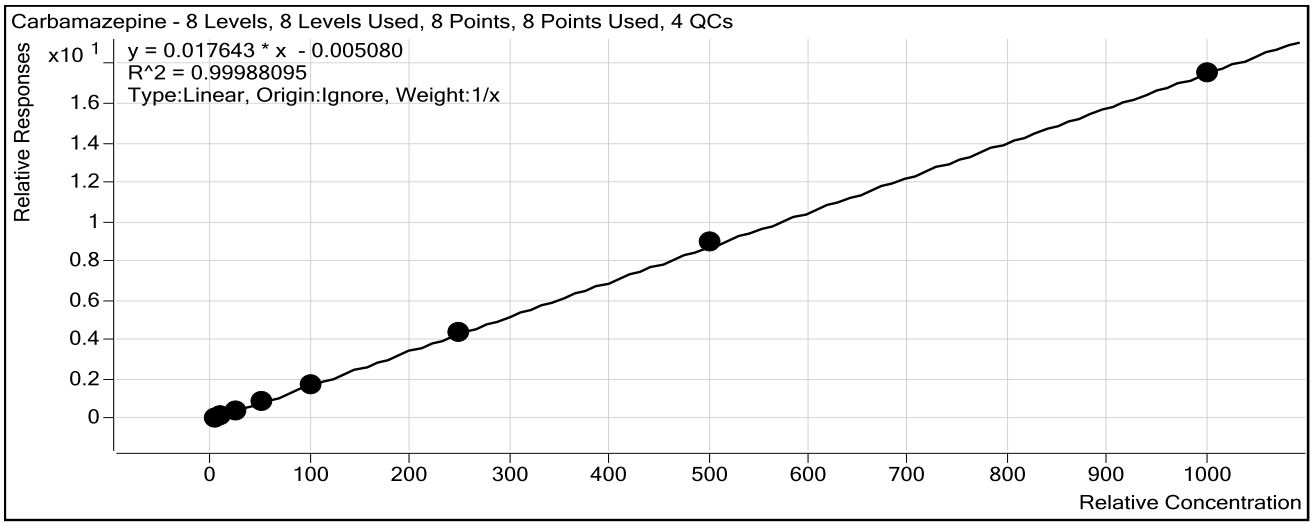
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Carbamazepine*

Internal Standard *Carbamazepine-13C6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	5.1	102.3
P2 a cal 2-10ng.d	2	☑	10	9.7	96.7
P2 a QC 10 (QC1).d	2	☑	10	10.4	104.1
P2 a cal 3-25ng.d	3	☑	25	25.5	102.1
P2 a cal 4-50ng.d	4	☑	50	49.6	99.2
P2 a cal 5-100ng.d	5	☑	100	98.5	98.5
P2 a QC 100 (QC2).d	5	☑	100	101.6	101.6
P2 a cal 6-250ng.d	6	☑	250	250.6	100.2
P2 a QC 250 (QC 3).d	6	☑	250	250.9	100.4
P2 a cal 7-500ng.d	7	☑	500	507.6	101.5
P2 a cal 8-1000ng.d	8	☑	1000	993.3	99.3
P2 a QC 1000 (QC 4).d	8	☑	1000	990.5	99.0

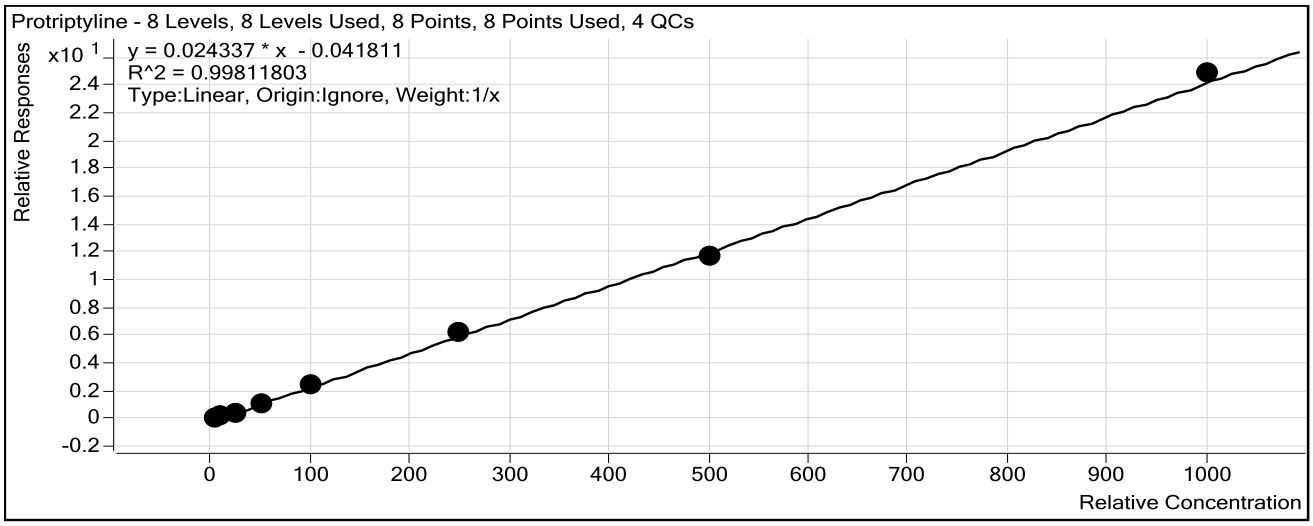
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Protriptyline*

Internal Standard *Protriptyline-d3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	6.3	125.1
P2 a cal 2-10ng.d	2	☑	10	10.5	105.0
P2 a QC 10 (QC1).d	2	☑	10	10.6	105.5
P2 a cal 3-25ng.d	3	☑	25	20.6	82.4
P2 a cal 4-50ng.d	4	☑	50	43.8	87.6
P2 a cal 5-100ng.d	5	☑	100	98.4	98.4
P2 a QC 100 (QC2).d	5	☑	100	88.0	88.0
P2 a cal 6-250ng.d	6	☑	250	257.6	103.1
P2 a QC 250 (QC 3).d	6	☑	250	236.9	94.8
P2 a cal 7-500ng.d	7	☑	500	481.1	96.2
P2 a cal 8-1000ng.d	8	☑	1000	1021.7	102.2
P2 a QC 1000 (QC 4).d	8	☑	1000	1020.1	102.0

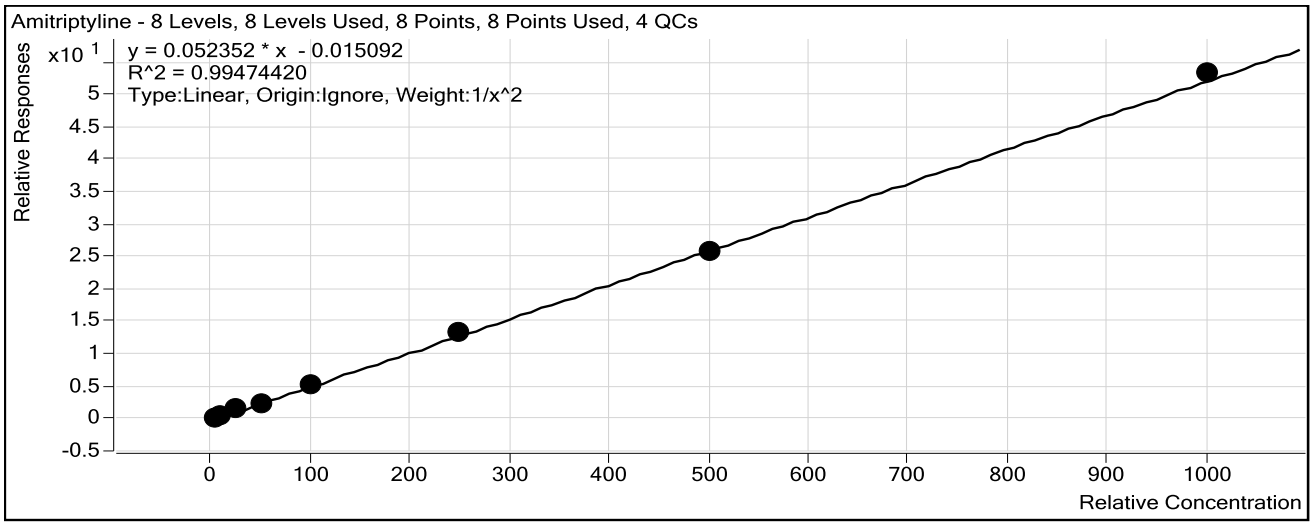
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Amitriptyline*

Internal Standard *Amitriptyline-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	5.1	102.8
P2 a cal 2-10ng.d	2	☑	10	9.1	91.3
P2 a QC 10 (QC1).d	2	☑	10	9.9	99.2
P2 a cal 3-25ng.d	3	☑	25	27.8	111.3
P2 a cal 4-50ng.d	4	☑	50	46.4	92.8
P2 a cal 5-100ng.d	5	☑	100	99.0	99.0
P2 a QC 100 (QC2).d	5	☑	100	103.0	103.0
P2 a cal 6-250ng.d	6	☑	250	257.3	102.9
P2 a QC 250 (QC 3).d	6	☑	250	260.0	104.0
P2 a cal 7-500ng.d	7	☑	500	491.1	98.2
P2 a cal 8-1000ng.d	8	☑	1000	1016.6	101.7
P2 a QC 1000 (QC 4).d	8	☑	1000	950.3	95.0

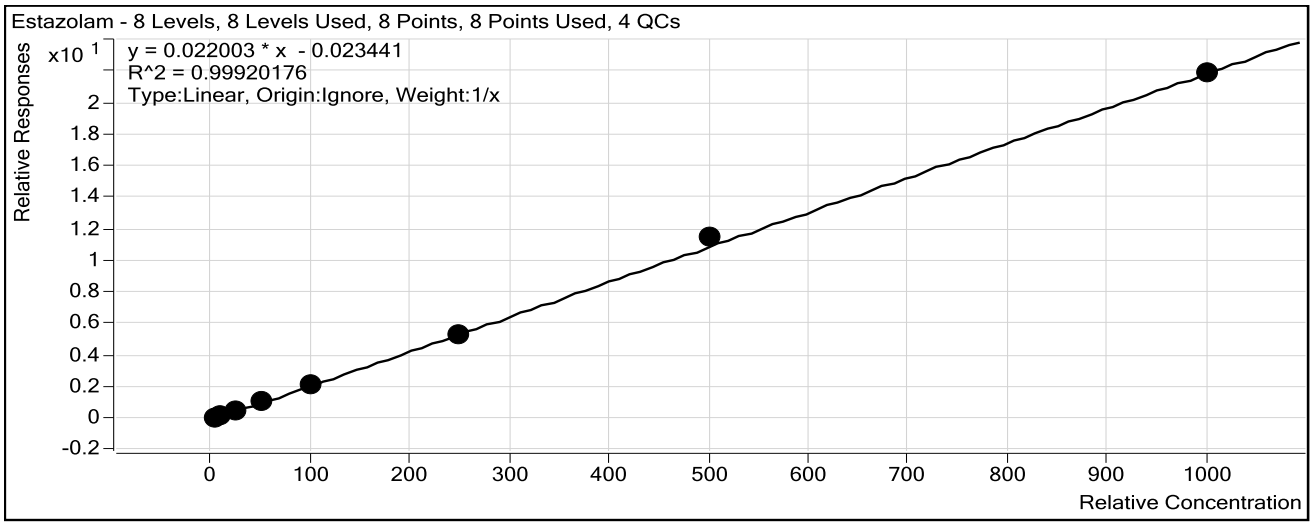
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Estazolam*

Internal Standard *Estazolam-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	5.3	105.3
P2 a cal 2-10ng.d	2	☑	10	10.5	105.0
P2 a QC 10 (QC1).d	2	☑	10	10.8	108.5
P2 a cal 3-25ng.d	3	☑	25	24.3	97.1
P2 a cal 4-50ng.d	4	☑	50	47.0	94.0
P2 a cal 5-100ng.d	5	☑	100	98.8	98.8
P2 a QC 100 (QC2).d	5	☑	100	93.0	93.0
P2 a cal 6-250ng.d	6	☑	250	241.0	96.4
P2 a QC 250 (QC 3).d	6	☑	250	239.2	95.7
P2 a cal 7-500ng.d	7	☑	500	519.9	104.0
P2 a cal 8-1000ng.d	8	☑	1000	993.2	99.3
P2 a QC 1000 (QC 4).d	8	☑	1000	1035.9	103.6

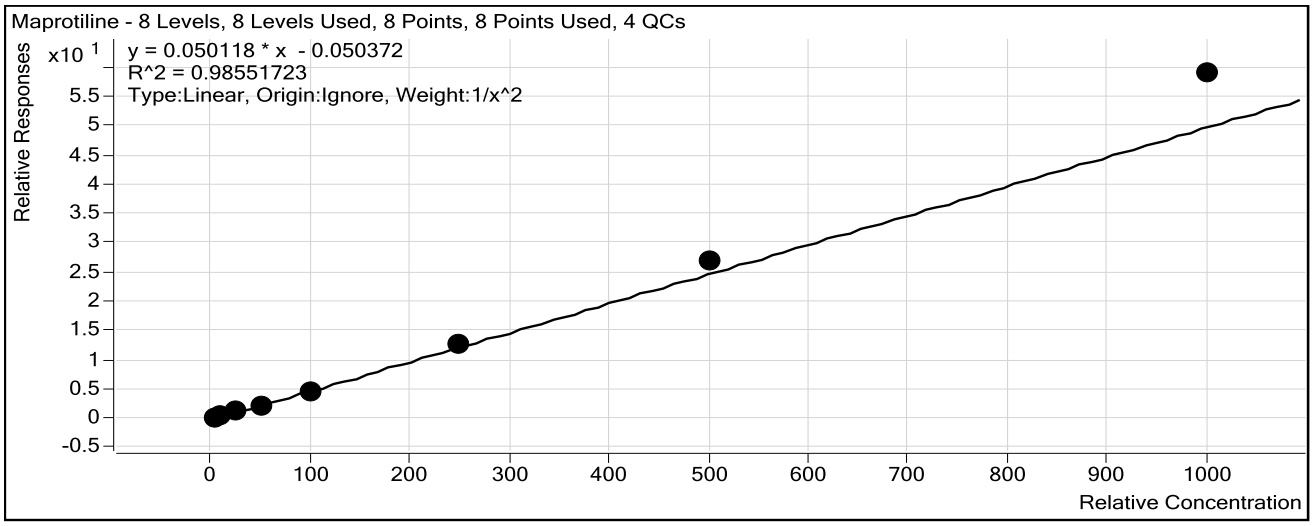
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Maprotiline*

Internal Standard *Nortriptyline-d3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	5.2	104.1
P2 a cal 2-10ng.d	2	☑	10	9.6	96.2
P2 a QC 10 (QC1).d	2	☑	10	9.8	98.1
P2 a cal 3-25ng.d	3	☑	25	24.5	98.1
P2 a cal 4-50ng.d	4	☑	50	42.2	84.3
P2 a cal 5-100ng.d	5	☑	100	89.4	89.4
P2 a QC 100 (QC2).d	5	☑	100	95.2	95.2
P2 a cal 6-250ng.d	6	☑	250	255.7	102.3
P2 a QC 250 (QC 3).d	6	☑	250	253.0	101.2
P2 a cal 7-500ng.d	7	☑	500	539.1	107.8
P2 a cal 8-1000ng.d	8	☑	1000	1177.3	117.7
P2 a QC 1000 (QC 4).d	8	☑	1000	1180.9	118.1

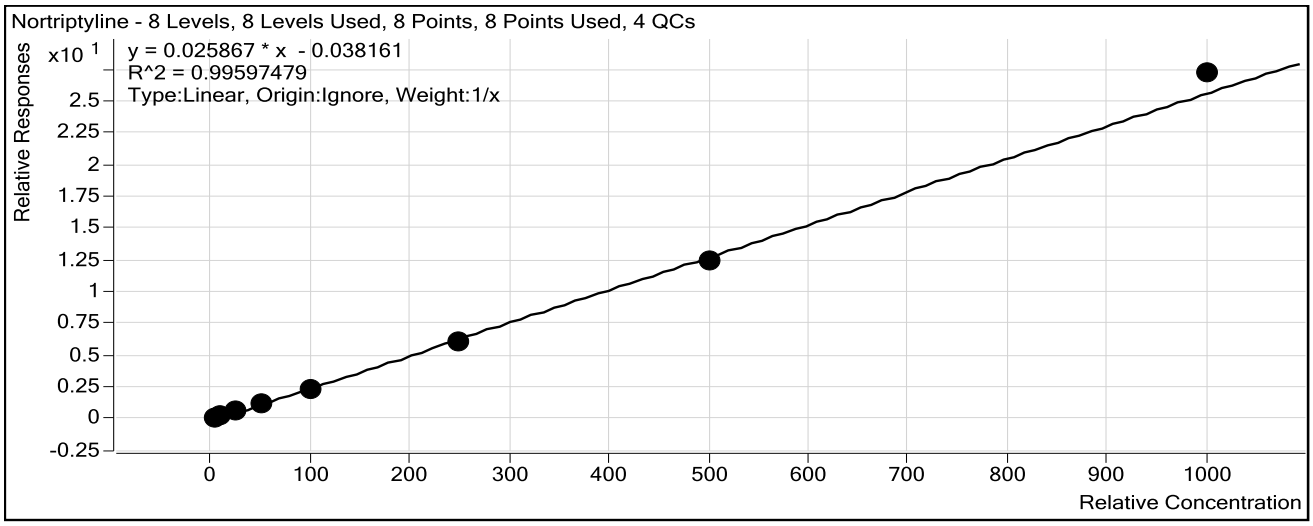
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Nortriptyline*

Internal Standard *Nortriptyline-d3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	6.2	124.0
P2 a cal 2-10ng.d	2	☑	10	10.5	105.2
P2 a QC 10 (QC1).d	2	☑	10	10.0	100.1
P2 a cal 3-25ng.d	3	☑	25	25.0	100.0
P2 a cal 4-50ng.d	4	☑	50	43.4	86.7
P2 a cal 5-100ng.d	5	☑	100	89.9	89.9
P2 a QC 100 (QC2).d	5	☑	100	91.1	91.1
P2 a cal 6-250ng.d	6	☑	250	232.3	92.9
P2 a QC 250 (QC 3).d	6	☑	250	245.8	98.3
P2 a cal 7-500ng.d	7	☑	500	479.4	95.9
P2 a cal 8-1000ng.d	8	☑	1000	1053.3	105.3
P2 a QC 1000 (QC 4).d	8	☑	1000	1132.0	113.2

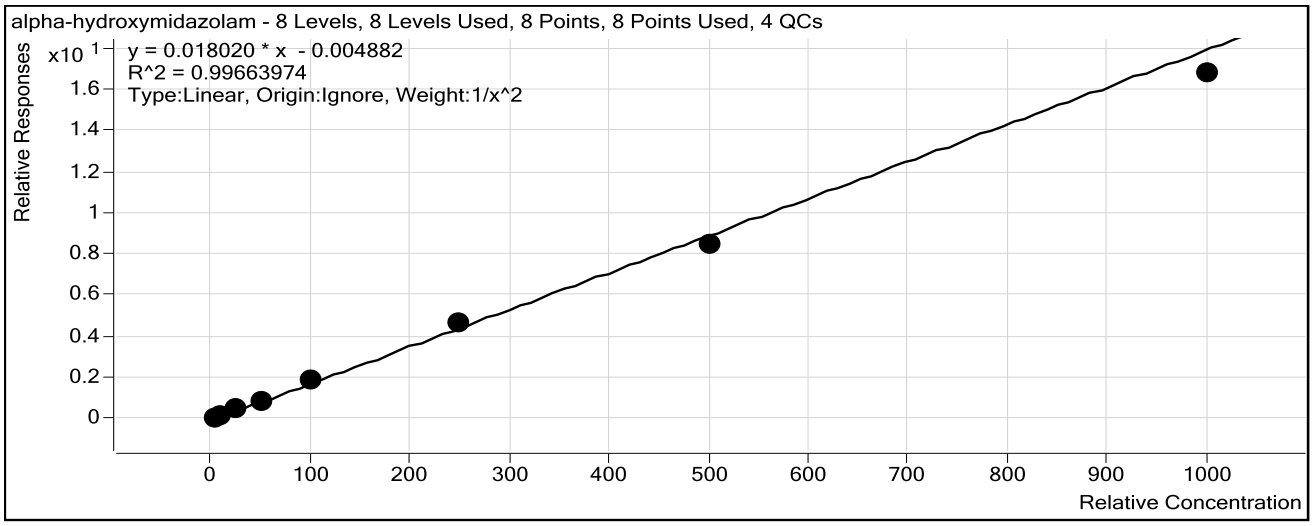
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *alpha-hydroxymidazolam*

Internal Standard *alpha-hydroxymidazolam-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	4.8	96.4
P2 a cal 2-10ng.d	2	☑	10	10.5	105.5
P2 a QC 10 (QC1).d	2	☑	10	11.7	117.1
P2 a cal 3-25ng.d	3	☑	25	26.0	103.8
P2 a cal 4-50ng.d	4	☑	50	49.7	99.4
P2 a cal 5-100ng.d	5	☑	100	104.2	104.2
P2 a QC 100 (QC2).d	5	☑	100	108.4	108.4
P2 a cal 6-250ng.d	6	☑	250	259.7	103.9
P2 a QC 250 (QC 3).d	6	☑	250	267.8	107.1
P2 a cal 7-500ng.d	7	☑	500	469.0	93.8
P2 a cal 8-1000ng.d	8	☑	1000	930.3	93.0
P2 a QC 1000 (QC 4).d	8	☑	1000	1064.6	106.5

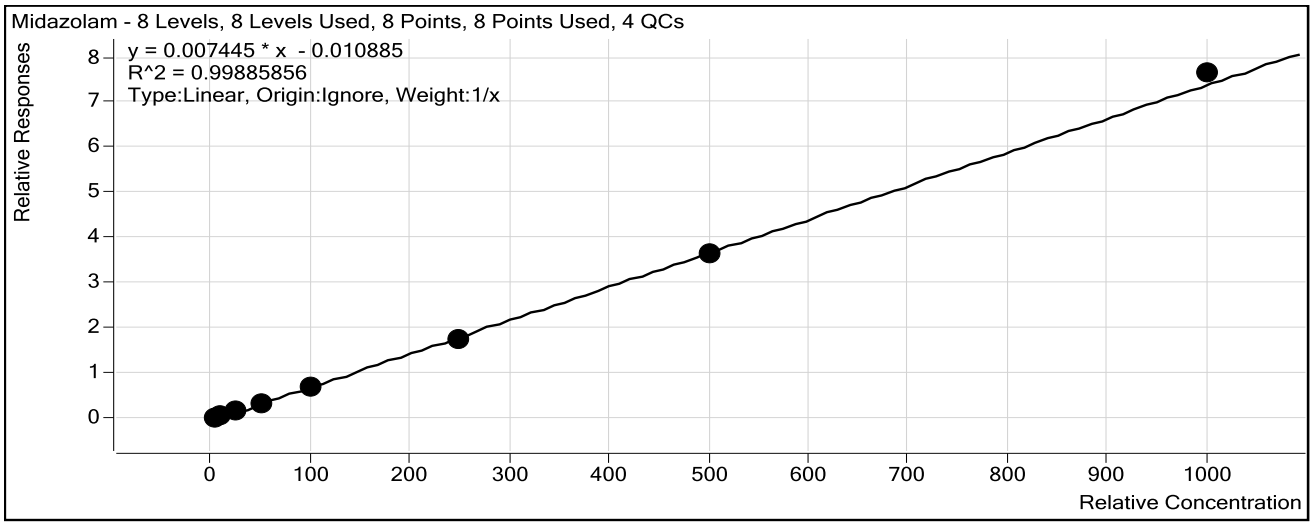
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Midazolam*

Internal Standard *Midazolam-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	5.8	115.8
P2 a cal 2-10ng.d	2	☑	10	9.5	94.8
P2 a QC 10 (QC1).d	2	☑	10	10.2	102.2
P2 a cal 3-25ng.d	3	☑	25	26.0	104.2
P2 a cal 4-50ng.d	4	☑	50	47.0	94.0
P2 a cal 5-100ng.d	5	☑	100	94.4	94.4
P2 a QC 100 (QC2).d	5	☑	100	96.4	96.4
P2 a cal 6-250ng.d	6	☑	250	240.0	96.0
P2 a QC 250 (QC 3).d	6	☑	250	235.9	94.4
P2 a cal 7-500ng.d	7	☑	500	490.0	98.0
P2 a cal 8-1000ng.d	8	☑	1000	1027.2	102.7
P2 a QC 1000 (QC 4).d	8	☑	1000	994.1	99.4

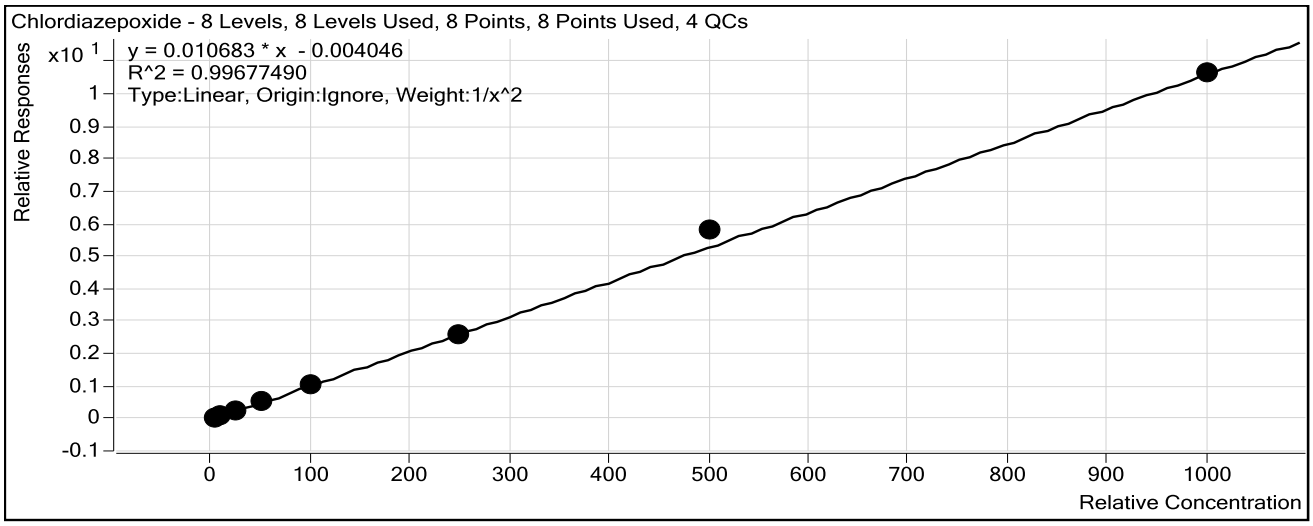
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Chlordiazepoxide*

Internal Standard *Chlordiazepoxide-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	4.9	97.9
P2 a cal 2-10ng.d	2	☑	10	10.6	106.2
P2 a QC 10 (QC1).d	2	☑	10	10.7	106.9
P2 a cal 3-25ng.d	3	☑	25	24.4	97.7
P2 a cal 4-50ng.d	4	☑	50	47.2	94.3
P2 a cal 5-100ng.d	5	☑	100	100.0	100.0
P2 a QC 100 (QC2).d	5	☑	100	99.7	99.7
P2 a cal 6-250ng.d	6	☑	250	239.4	95.7
P2 a QC 250 (QC 3).d	6	☑	250	268.6	107.4
P2 a cal 7-500ng.d	7	☑	500	542.4	108.5
P2 a cal 8-1000ng.d	8	☑	1000	995.8	99.6
P2 a QC 1000 (QC 4).d	8	☑	1000	1087.1	108.7

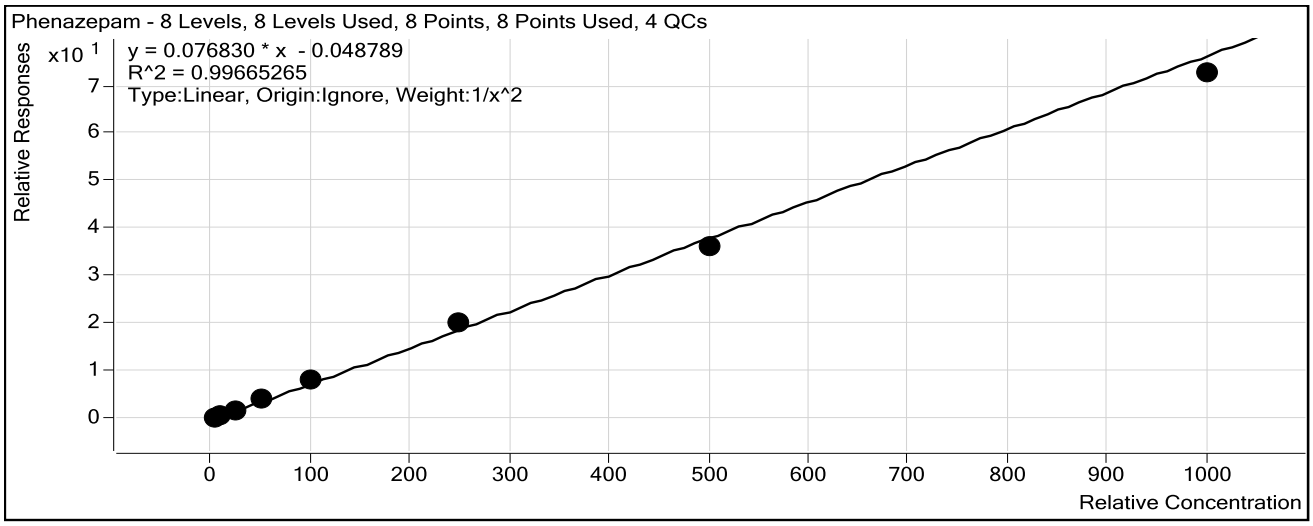
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Phenazepam*

Internal Standard *Phenazepam-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	4.9	97.4
P2 a cal 2-10ng.d	2	☑	10	10.6	106.0
P2 a QC 10 (QC1).d	2	☑	10	9.0	90.2
P2 a cal 3-25ng.d	3	☑	25	23.9	95.8
P2 a cal 4-50ng.d	4	☑	50	51.1	102.2
P2 a cal 5-100ng.d	5	☑	100	105.6	105.6
P2 a QC 100 (QC2).d	5	☑	100	108.0	108.0
P2 a cal 6-250ng.d	6	☑	250	260.6	104.2
P2 a QC 250 (QC 3).d	6	☑	250	243.1	97.2
P2 a cal 7-500ng.d	7	☑	500	471.8	94.4
P2 a cal 8-1000ng.d	8	☑	1000	945.0	94.5
P2 a QC 1000 (QC 4).d	8	☑	1000	941.2	94.1

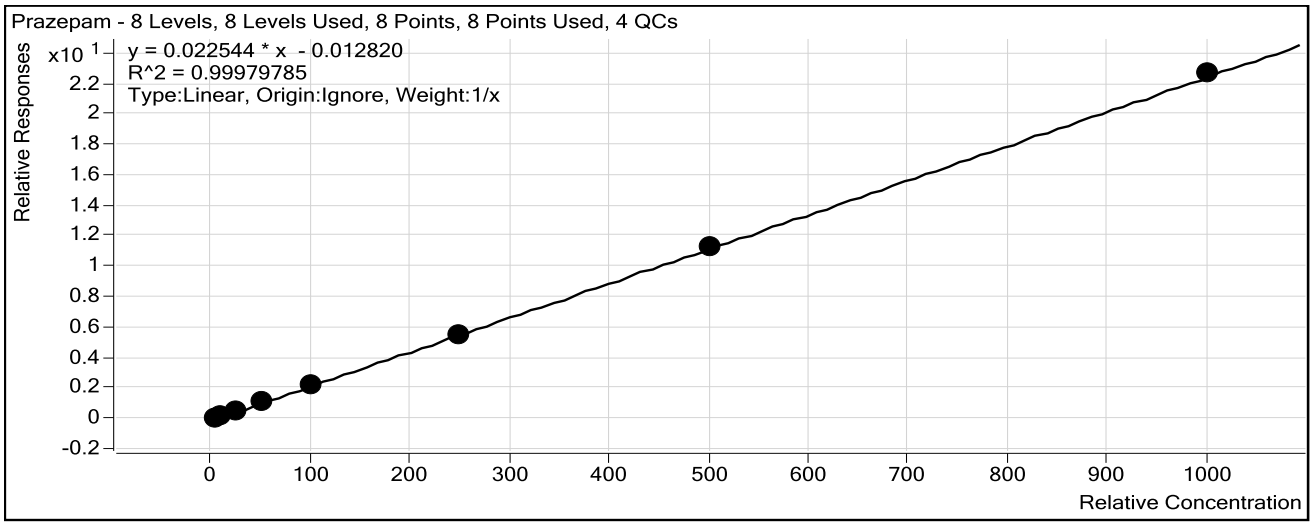
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.bin

Last Calib Update 5/22/2018 8:27 AM **Analyst Name** ISP TOX

Target Compound *Prazepam*

Internal Standard *Prazepam-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 a cal 1-5ng.d	1	☑	5	5.3	106.3
P2 a cal 2-10ng.d	2	☑	10	10.1	100.8
P2 a QC 10 (QC1).d	2	☑	10	10.4	104.5
P2 a cal 3-25ng.d	3	☑	25	24.8	99.1
P2 a cal 4-50ng.d	4	☑	50	48.7	97.4
P2 a cal 5-100ng.d	5	☑	100	97.3	97.3
P2 a QC 100 (QC2).d	5	☑	100	99.0	99.0
P2 a cal 6-250ng.d	6	☑	250	243.8	97.5
P2 a QC 250 (QC 3).d	6	☑	250	250.9	100.4
P2 a cal 7-500ng.d	7	☑	500	505.1	101.0
P2 a cal 8-1000ng.d	8	☑	1000	1004.9	100.5
P2 a QC 1000 (QC 4).d	8	☑	1000	961.0	96.1

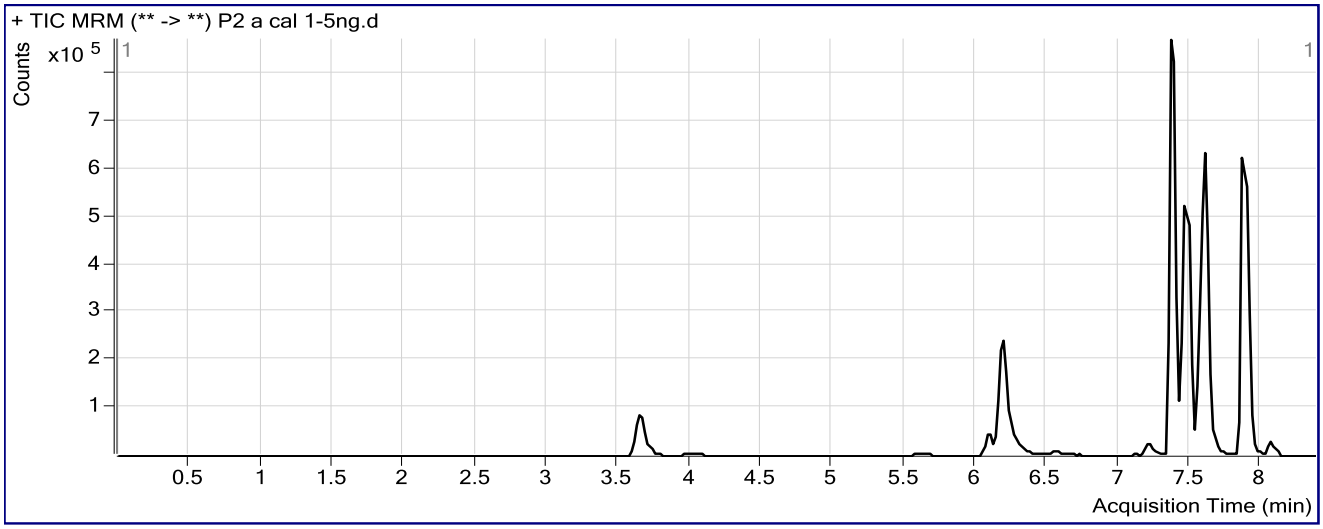
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.		
Analysis Time	5/22/2018 8:27 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:30 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:27 AM	**Batch State**	Processed

Analysis Info

Acq Time	#VALUE!	**Data File**	P2 a cal 1-5ng.d
Sample Type	Calibration	**Sample Name**	P2 a cal 1-5ng.d
Dilution	1	**Acq Method**	MDQ Panel 2a 1-26-2018.m
Position	P1-A5	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.676	44139	401002	0.1101	5.7405
Levamisole	Benzoylecgonine-d8	4.005	26274	15661	1.6777	5.3657
Benzoylecgonine	Benzoylecgonine-d8	5.657	2455	15661	0.1568	6.4500
Zopiclone	Zopiclone-D4	6.089	17814	158797	0.1122	5.8651
Cocaine	Cocaine-D3	6.173	55954	487898	0.1147	5.7857
Methylphenidate	Methylphenidate-D4	6.206	69094	469436	0.1472	5.2461
Metoprolol	Methylphenidate-D4	6.241	12466	469436	0.0266	4.8670
Ondansetron	Carbamazepine-13C6	6.296	29322	2615700	0.0112	5.0486
Mirtazapine	Carbamazepine-13C6	6.565	23178	2615700	0.0089	4.8397
Mitragynine	Doxepin-D3	7.112	5280	91195	0.0579	5.9947
Doxepin	Doxepin-D3	7.204	7663	91195	0.0840	5.5530
Carbamazepine	Carbamazepine-13C6	7.372	222864	2615700	0.0852	5.1172
Protriptyline	Protriptyline-d3	7.450	10452	94615	0.1105	6.2570
Amitriptyline	Amitriptyline-D3	7.467	18765	73872	0.2540	5.1406
Estazolam	Estazolam-D5	7.484	121078	1309587	0.0925	5.2672
Maprotiline	Nortriptyline-d3	7.467	16793	79737	0.2106	5.2074
Nortriptyline	Nortriptyline-d3	7.490	9743	79737	0.1222	6.1988
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.558	71238	869344	0.0819	4.8184
Midazolam	Midazolam-D4	7.600	16074	498826	0.0322	5.7900

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report P2 a cal 1

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.603	50409	1044703	0.0483	4.8953
Phenazepam	Phenazepam-D4	7.635	14757	45381	0.3252	4.8675
Prazepam	Prazepam-D5	7.882	184690	1725964	0.1070	5.3151

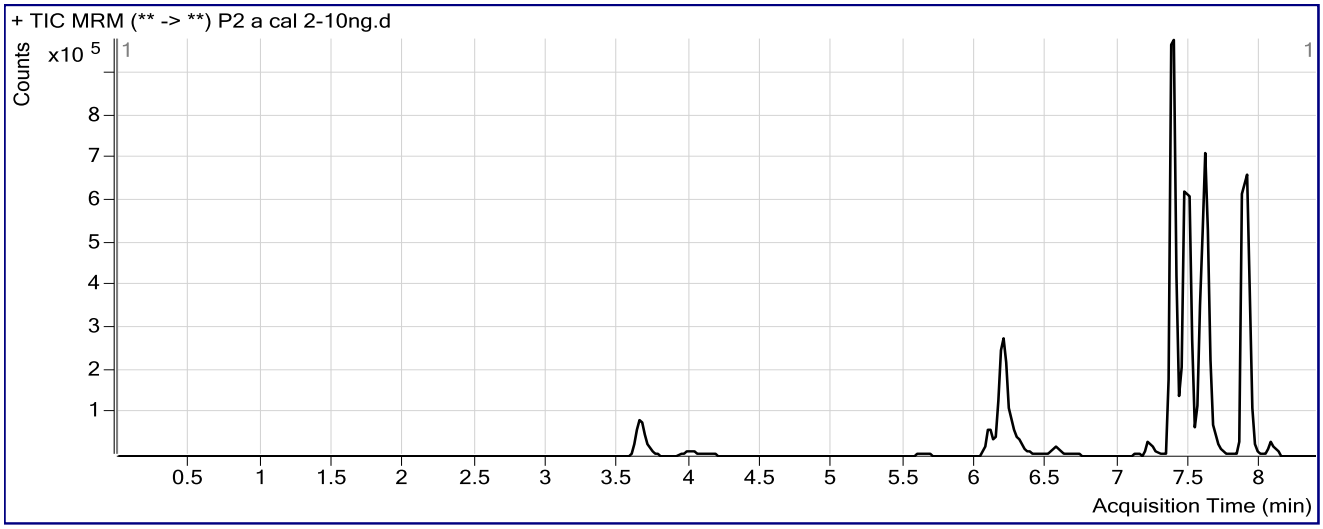
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.		
Analysis Time	5/22/2018 8:27 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:30 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:27 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 14:13	**Data File**	P2 a cal 2-10ng.d
Sample Type	Calibration	**Sample Name**	P2 a cal 2-10ng.d
Dilution	1	**Acq Method**	MDQ Panel 2a 1-26-2018.m
Position	P1-B5	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.676	78437	352700	0.2224	10.0070
Levamisole	Benzoylecgonine-d8	3.985	53392	17311	3.0843	8.8139
Benzoylecgonine	Benzoylecgonine-d8	5.657	5474	17311	0.3162	10.5826
Zopiclone	Zopiclone-D4	6.089	44727	194629	0.2298	10.0773
Cocaine	Cocaine-D3	6.173	113770	480350	0.2368	10.1410
Methylphenidate	Methylphenidate-D4	6.226	141533	473035	0.2992	10.0137
Metoprolol	Methylphenidate-D4	6.221	25915	473035	0.0548	10.1202
Ondansetron	Carbamazepine-13C6	6.296	61557	2723670	0.0226	9.8204
Mirtazapine	Carbamazepine-13C6	6.565	48683	2723670	0.0179	10.7979
Mitragynine	Doxepin-D3	7.112	11267	97545	0.1155	9.8159
Doxepin	Doxepin-D3	7.224	18478	97545	0.1894	10.3553
Carbamazepine	Carbamazepine-13C6	7.372	450868	2723670	0.1655	9.6705
Protriptyline	Protriptyline-d3	7.450	21697	101467	0.2138	10.5042
Amitriptyline	Amitriptyline-D3	7.467	38326	82797	0.4629	9.1303
Estazolam	Estazolam-D5	7.484	265515	1279210	0.2076	10.4985
Maprotiline	Nortriptyline-d3	7.467	36308	84060	0.4319	9.6233
Nortriptyline	Nortriptyline-d3	7.490	19676	84060	0.2341	10.5244
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	164594	888905	0.1852	10.5466
Midazolam	Midazolam-D4	7.600	30399	509242	0.0597	9.4798

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

P2 a cal 2

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	107311	980502	0.1094	10.6232
Phenazepam	Phenazepam-D4	7.635	32239	42111	0.7656	10.5992
Prazepam	Prazepam-D5	7.882	372047	1734223	0.2145	10.0847

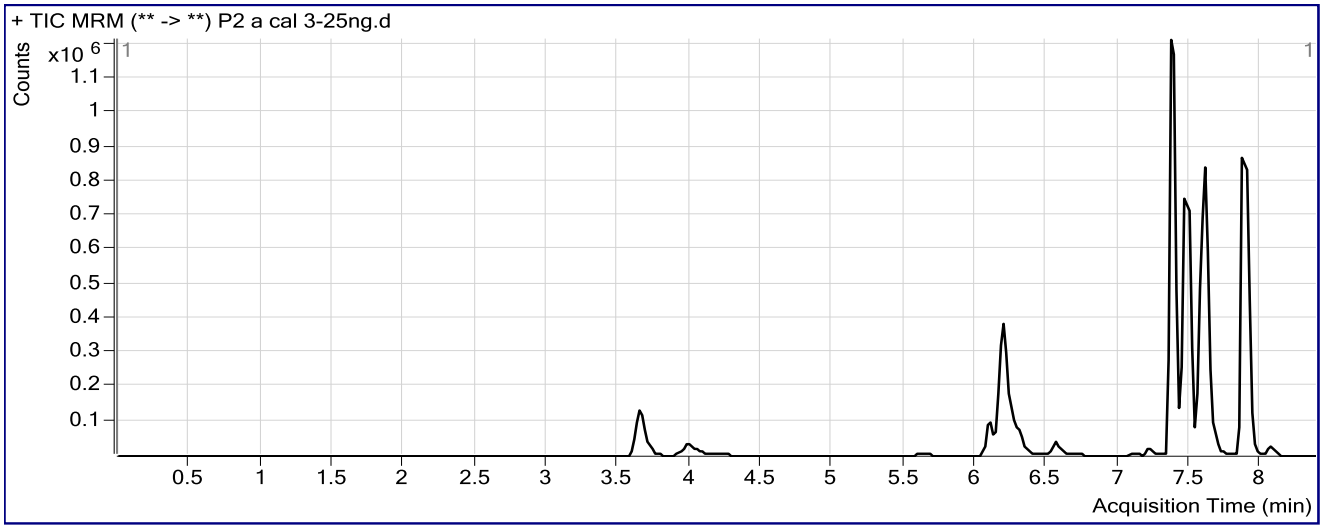
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.		
Analysis Time	5/22/2018 8:27 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:30 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:27 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 14:44	**Data File**	P2 a cal 3-25ng.d
Sample Type	Calibration	**Sample Name**	P2 a cal 3-25ng.d
Dilution	1	**Acq Method**	MDQ Panel 2a 1-26-2018.m
Position	P1-C5	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.676	241918	410358	0.5895	23.9530
Levamisole	Benzoylecgonine-d8	3.985	152784	16488	9.2665	23.9690
Benzoylecgonine	Benzoylecgonine-d8	5.657	11577	16488	0.7021	20.5881
Zopiclone	Zopiclone-D4	6.089	125415	212021	0.5915	23.0303
Cocaine	Cocaine-D3	6.173	308980	503068	0.6142	23.5937
Methylphenidate	Methylphenidate-D4	6.226	317001	426571	0.7431	23.9365
Metoprolol	Methylphenidate-D4	6.241	58258	426571	0.1366	25.3400
Ondansetron	Carbamazepine-13C6	6.296	147047	2594357	0.0567	24.0970
Mirtazapine	Carbamazepine-13C6	6.565	92718	2594357	0.0357	22.6079
Mitragynine	Doxepin-D3	7.112	15214	48612	0.3130	22.9141
Doxepin	Doxepin-D3	7.224	22087	48612	0.4543	22.4246
Carbamazepine	Carbamazepine-13C6	7.372	1155035	2594357	0.4452	25.5222
Protriptyline	Protriptyline-d3	7.450	26856	58469	0.4593	20.5908
Amitriptyline	Amitriptyline-D3	7.467	46094	31975	1.4416	27.8244
Estazolam	Estazolam-D5	7.484	662066	1296336	0.5107	24.2763
Maprotiline	Nortriptyline-d3	7.467	44007	37325	1.1790	24.5305
Nortriptyline	Nortriptyline-d3	7.490	22719	37325	0.6087	25.0061
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	421812	911297	0.4629	25.9576
Midazolam	Midazolam-D4	7.600	87119	475908	0.1831	26.0497

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

P2 a cal 3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.603	262995	1023338	0.2570	24.4347
Phenazepam	Phenazepam-D4	7.635	77509	43282	1.7908	23.9436
Prazepam	Prazepam-D5	7.882	923138	1692312	0.5455	24.7648

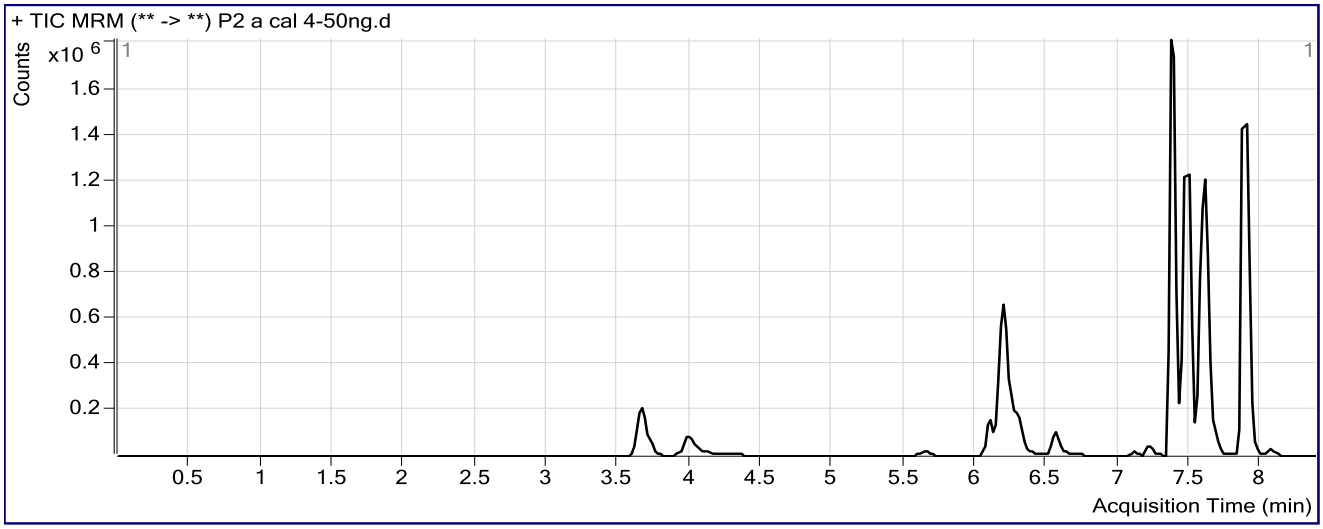
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.		
Analysis Time	5/22/2018 8:27 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:30 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:27 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 15:16	**Data File**	P2 a cal 4-50ng.d
Sample Type	Calibration	**Sample Name**	P2 a cal 4-50ng.d
Dilution	1	**Acq Method**	MDQ Panel 2a 1-26-2018.m
Position	P1-D5	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.676	562742	461629	1.2190	47.8652
Levamisole	Benzoylecgonine-d8	3.985	365645	20009	18.2743	46.0506
Benzoylecgonine	Benzoylecgonine-d8	5.657	29725	20009	1.4856	40.8987
Zopiclone	Zopiclone-D4	6.089	278629	215363	1.2938	48.1779
Cocaine	Cocaine-D3	6.173	745871	581053	1.2837	47.4608
Methylphenidate	Methylphenidate-D4	6.226	769059	476699	1.6133	51.2267
Metoprolol	Methylphenidate-D4	6.241	143959	476699	0.3020	56.1231
Ondansetron	Carbamazepine-13C6	6.296	368168	2861299	0.1287	54.2564
Mirtazapine	Carbamazepine-13C6	6.565	233980	2861299	0.0818	53.0416
Mitragynine	Doxepin-D3	7.112	39411	65375	0.6028	42.1416
Doxepin	Doxepin-D3	7.224	67619	65375	1.0343	48.8481
Carbamazepine	Carbamazepine-13C6	7.372	2489929	2861299	0.8702	49.6108
Protriptyline	Protriptyline-d3	7.450	83267	81330	1.0238	43.7854
Amitriptyline	Amitriptyline-D3	7.467	131156	54333	2.4140	46.3986
Estazolam	Estazolam-D5	7.484	1510307	1493740	1.0111	47.0168
Maprotiline	Nortriptyline-d3	7.467	127134	61641	2.0625	42.1581
Nortriptyline	Nortriptyline-d3	7.490	66784	61641	1.0834	43.3600
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.558	905036	1015812	0.8909	49.7136
Midazolam	Midazolam-D4	7.600	194122	572372	0.3392	47.0157

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report P2 a cal 4

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.603	586757	1173991	0.4998	47.1617
Phenazepam	Phenazepam-D4	7.635	170486	43989	3.8757	51.0793
Prazepam	Prazepam-D5	7.882	2223889	2048592	1.0856	48.7211

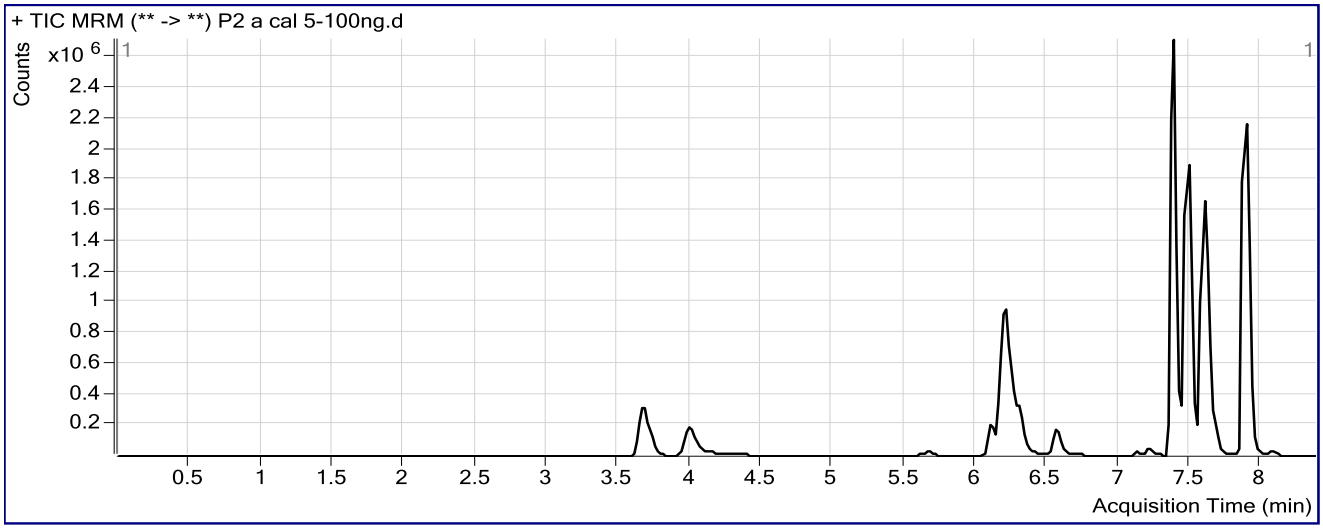
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.		
Analysis Time	5/22/2018 8:27 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:30 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:27 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 16:45	**Data File**	P2 a cal 5-100ng.d
Sample Type	Calibration	**Sample Name**	P2 a cal 5-100ng.d
Dilution	1	**Acq Method**	MDQ Panel 2a 1-26-2018.m
Position	P1-E5	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.696	1067394	434860	2.4546	94.7978
Levamisole	Benzoylecgonine-d8	3.985	737511	18642	39.5614	98.2341
Benzoylecgonine	Benzoylecgonine-d8	5.678	65880	18642	3.5339	94.0008
Zopiclone	Zopiclone-D4	6.089	454960	174107	2.6131	95.4236
Cocaine	Cocaine-D3	6.173	1348505	513217	2.6276	95.3723
Methylphenidate	Methylphenidate-D4	6.226	1376274	440214	3.1264	98.6800
Metoprolol	Methylphenidate-D4	6.241	271150	440214	0.6159	114.5480
Ondansetron	Carbamazepine-13C6	6.296	658526	2886625	0.2281	95.9222
Mirtazapine	Carbamazepine-13C6	6.565	435474	2886625	0.1509	98.7130
Mitragynine	Doxepin-D3	7.112	72498	48645	1.4903	101.0105
Doxepin	Doxepin-D3	7.224	100649	48645	2.0690	95.9893
Carbamazepine	Carbamazepine-13C6	7.392	5003941	2886625	1.7335	98.5411
Protriptyline	Protriptyline-d3	7.450	131866	56014	2.3542	98.4482
Amitriptyline	Amitriptyline-D3	7.467	196100	37956	5.1665	98.9756
Estazolam	Estazolam-D5	7.484	2803373	1303196	2.1512	98.8297
Maprotiline	Nortriptyline-d3	7.487	192312	43431	4.4280	89.3573
Nortriptyline	Nortriptyline-d3	7.490	99337	43431	2.2872	89.8975
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	1761485	940604	1.8727	104.1964
Midazolam	Midazolam-D4	7.600	366413	529308	0.6922	94.4417

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report P2 a cal 5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	1050764	987271	1.0643	100.0024
Phenazepam	Phenazepam-D4	7.655	280434	34761	8.0675	105.6394
Prazepam	Prazepam-D5	7.882	4097446	1878381	2.1814	97.3274

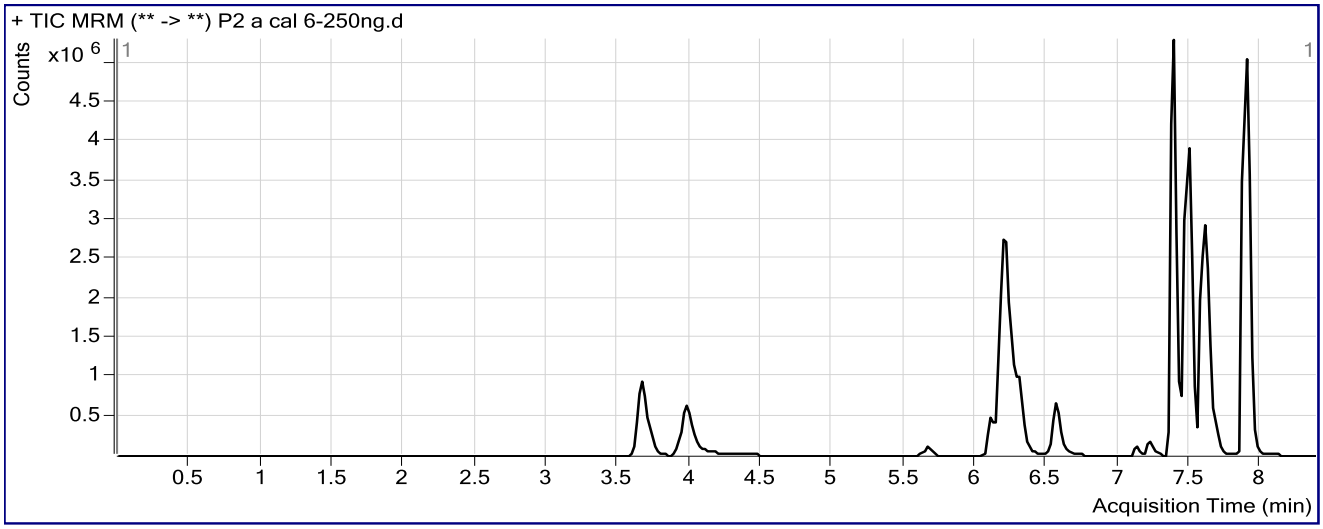
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.		
Analysis Time	5/22/2018 8:27 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:31 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:27 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 17:17	**Data File**	P2 a cal 6-250ng.d
Sample Type	Calibration	**Sample Name**	P2 a cal 6-250ng.d
Dilution	1	**Acq Method**	MDQ Panel 2a 1-26-2018.m
Position	P1-F5	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.676	3647386	574532	6.3484	242.7093
Levamisole	Benzoylecgonine-d8	3.965	2346676	20068	116.9369	287.9127
Benzoylecgonine	Benzoylecgonine-d8	5.678	205330	20068	10.2318	267.6390
Zopiclone	Zopiclone-D4	6.089	1204330	180717	6.6642	240.4936
Cocaine	Cocaine-D3	6.173	4397681	657096	6.6926	240.2955
Methylphenidate	Methylphenidate-D4	6.226	4650257	599674	7.7546	243.8323
Metoprolol	Methylphenidate-D4	6.241	817915	599674	1.3639	253.7410
Ondansetron	Carbamazepine-13C6	6.296	2225209	2807154	0.7927	332.4322
Mirtazapine	Carbamazepine-13C6	6.565	1592866	2807154	0.5674	374.1042
Mitragynine	Doxepin-D3	7.112	297405	76745	3.8752	259.2048
Doxepin	Doxepin-D3	7.224	426598	76745	5.5586	254.9725
Carbamazepine	Carbamazepine-13C6	7.392	12398267	2807154	4.4167	250.6218
Protriptyline	Protriptyline-d3	7.450	544816	87475	6.2282	257.6304
Amitriptyline	Amitriptyline-D3	7.487	861754	64040	13.4564	257.3267
Estazolam	Estazolam-D5	7.484	6328342	1198668	5.2795	241.0041
Maprotiline	Nortriptyline-d3	7.487	873412	68434	12.7629	255.6645
Nortriptyline	Nortriptyline-d3	7.490	408626	68434	5.9711	232.3132
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.578	4246433	908322	4.6750	259.7092
Midazolam	Midazolam-D4	7.600	1065413	599813	1.7762	240.0387

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report P2 a cal 6

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	2295541	899096	2.5532	239.3650
Phenazepam	Phenazepam-D4	7.655	542994	27191	19.9698	260.5550
Prazepam	Prazepam-D5	7.882	11167950	2036831	5.4830	243.7774

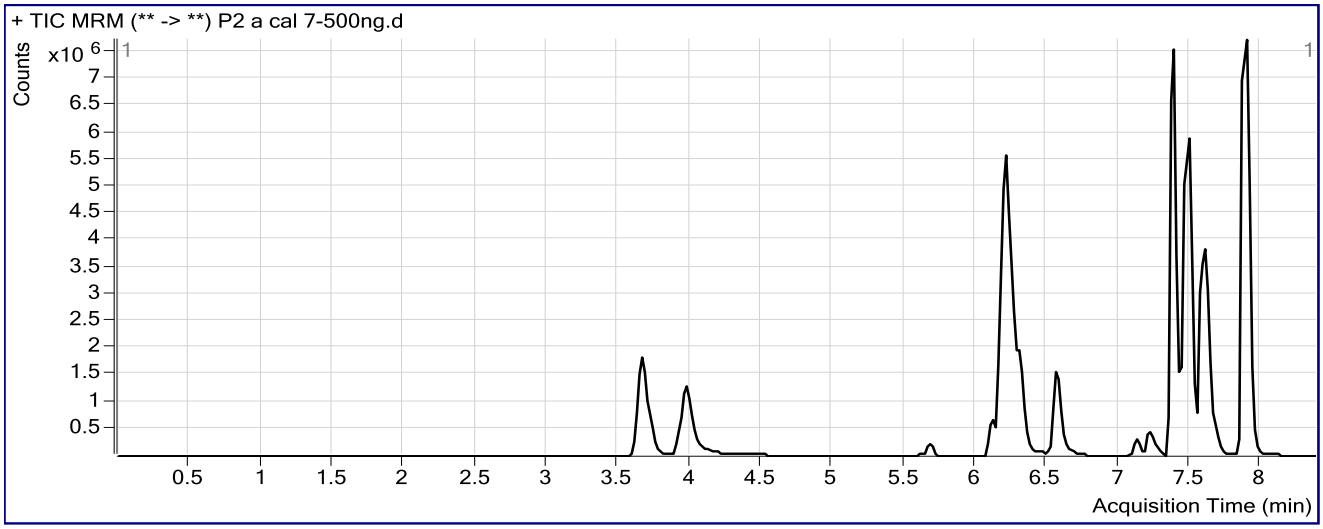
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.		
Analysis Time	5/22/2018 8:27 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:31 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:27 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 17:48	**Data File**	P2 a cal 7-500ng.d
Sample Type	Calibration	**Sample Name**	P2 a cal 7-500ng.d
Dilution	1	**Acq Method**	MDQ Panel 2a 1-26-2018.m
Position	P1-G5	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.676	7682245	583069	13.1755	502.0412
Levamisole	Benzoylecgonine-d8	3.965	4111391	20175	203.7906	500.8262
Benzoylecgonine	Benzoylecgonine-d8	5.678	387122	20175	19.1886	499.8408
Zopiclone	Zopiclone-D4	6.109	1717010	123095	13.9486	501.3518
Cocaine	Cocaine-D3	6.173	8318080	590911	14.0767	503.5471
Methylphenidate	Methylphenidate-D4	6.226	10110625	637251	15.8660	498.2221
Metoprolol	Methylphenidate-D4	6.241	1525037	637251	2.3931	445.2692
Ondansetron	Carbamazepine-13C6	6.296	4264599	2173594	1.9620	822.2875
Mirtazapine	Carbamazepine-13C6	6.565	3577833	2173594	1.6460	1087.1640
Mitragynine	Doxepin-D3	7.112	849940	110095	7.7200	514.2401
Doxepin	Doxepin-D3	7.224	1199932	110095	10.8990	498.2806
Carbamazepine	Carbamazepine-13C6	7.392	19455088	2173594	8.9507	507.6050
Protriptyline	Protriptyline-d3	7.450	1467572	125800	11.6659	481.0605
Amitriptyline	Amitriptyline-D3	7.467	2457541	95641	25.6956	491.1129
Estazolam	Estazolam-D5	7.484	8865152	776536	11.4163	519.9062
Maprotiline	Nortriptyline-d3	7.487	2485023	92140	26.9702	539.1436
Nortriptyline	Nortriptyline-d3	7.490	1139131	92140	12.3631	479.4204
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.558	5770979	683277	8.4460	468.9794
Midazolam	Midazolam-D4	7.600	1942193	534021	3.6369	489.9577

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report P2 a cal 7

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	3280564	566576	5.7902	542.3604
Phenazepam	Phenazepam-D4	7.655	689288	19040	36.2015	471.8226
Prazepam	Prazepam-D5	7.882	18931349	1664390	11.3743	505.0988

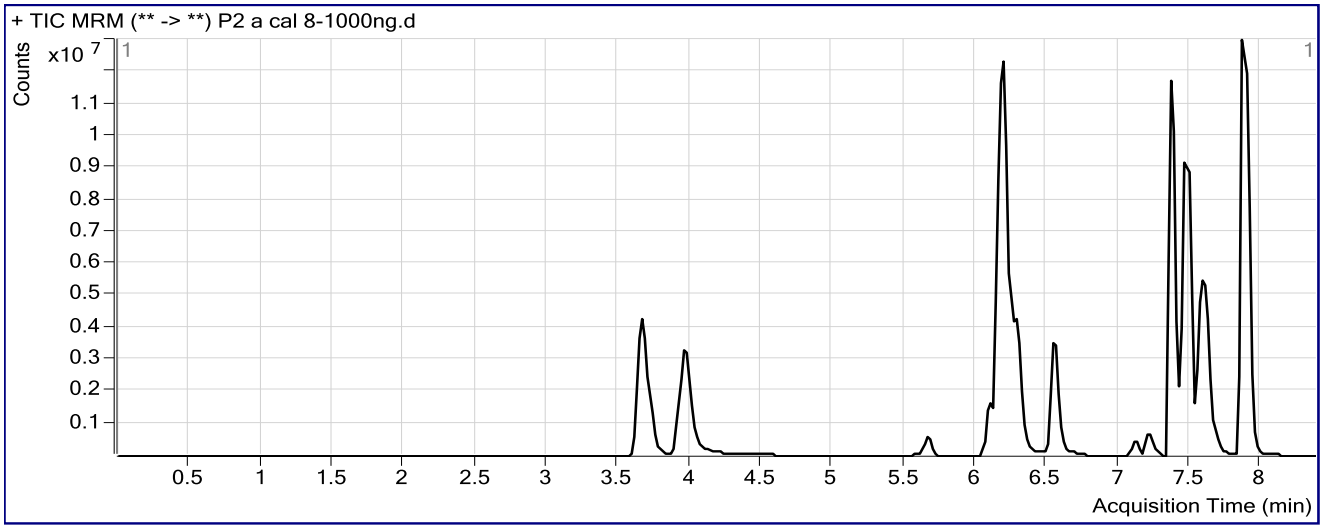
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2a wklst 2392.batch.		
Analysis Time	5/22/2018 8:27 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:31 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:27 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 18:20	**Data File**	P2 a cal 8-1000ng.d
Sample Type	Calibration	**Sample Name**	P2 a cal 8-1000ng.d
Dilution	1	**Acq Method**	MDQ Panel 2a 1-26-2018.m
Position	P1-H5	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.676	19253563	723168	26.6239	1012.8860
Levamisole	Benzoylecgonine-d8	3.945	10279812	24494	419.6803	1030.0592
Benzoylecgonine	Benzoylecgonine-d8	5.657	1143062	24494	46.6663	1212.1867
Zopiclone	Zopiclone-D4	6.089	4455623	157395	28.3085	1015.5806
Cocaine	Cocaine-D3	6.153	21586052	760360	28.3892	1013.8040
Methylphenidate	Methylphenidate-D4	6.206	22014906	684811	32.1474	1008.8427
Metoprolol	Methylphenidate-D4	6.241	3045555	684811	4.4473	827.5274
Ondansetron	Carbamazepine-13C6	6.276	10072919	1941382	5.1885	2173.9645
Mirtazapine	Carbamazepine-13C6	6.565	8378178	1941382	4.3156	2851.9608
Mitragynine	Doxepin-D3	7.112	1300652	87809	14.8122	984.6784
Doxepin	Doxepin-D3	7.224	1930921	87809	21.9899	1003.5766
Carbamazepine	Carbamazepine-13C6	7.372	34013073	1941382	17.5200	993.3115
Protriptyline	Protriptyline-d3	7.450	2051107	82625	24.8242	1021.7237
Amitriptyline	Amitriptyline-D3	7.467	3522149	66197	53.2068	1016.6196
Estazolam	Estazolam-D5	7.484	16293031	746346	21.8304	993.2012
Maprotiline	Nortriptyline-d3	7.467	3553516	60277	58.9527	1177.2932
Nortriptyline	Nortriptyline-d3	7.490	1639981	60277	27.2072	1053.2796
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.558	9390752	560324	16.7595	930.3306
Midazolam	Midazolam-D4	7.600	3706073	485280	7.6370	1027.2267

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report P2 a cal 8

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Chlordiazepoxide	Chlordiazepoxide-D5	7.622	5414188	509125	10.6343	995.7906
Phenazepam	Phenazepam-D4	7.655	1042442	14368	72.5546	944.9819
Prazepam	Prazepam-D5	7.862	33567194	1482498	22.6423	1004.9106

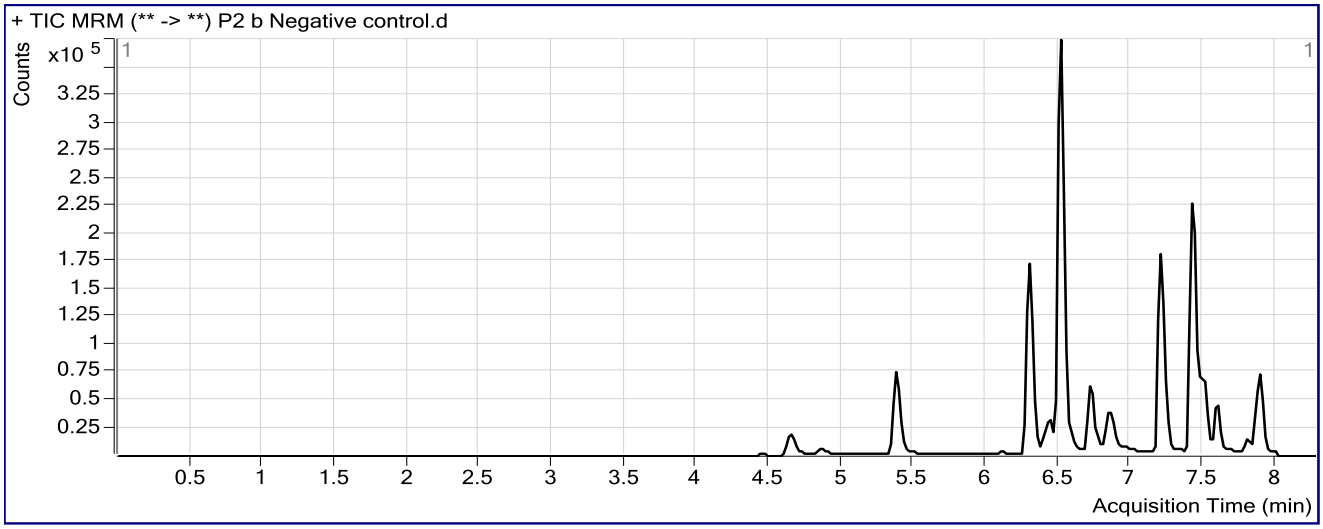
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.		
Analysis Time	5/22/2018 8:19 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:38 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:19 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 19:23	**Data File**	P2 b Negative control.d
Sample Type	Sample	**Sample Name**	P2 b Negative control.d
Dilution	1	**Acq Method**	MDQ Panel 2b 2-22-18.m
Position	P1-E6	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Norpropoxyphene	Norpropoxyphene-D5	7.805	754	36550	0.0206	1.3516 <10

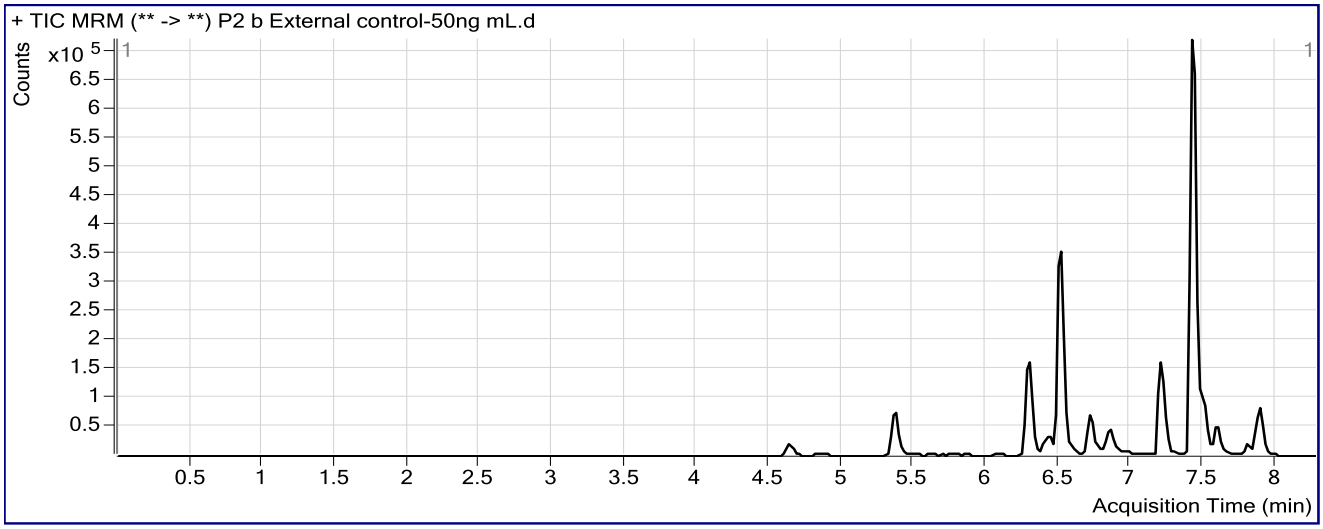
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.		
Analysis Time	5/22/2018 8:19 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:38 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:19 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 19:54	**Data File**	P2 b External control-50ng mL.d
Sample Type	Sample	**Sample Name**	P2 b External control-50ng mL.d
Dilution	1	**Acq Method**	MDQ Panel 2b 2-22-18.m
Position	P1-F6	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28; WS022018 50 ng flunitrazepam, zopiclone, chlorodiazepoxide

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Amoxapine	Zaleplon-D4	7.401	39340	531466	0.0740	12.8888 Did not evaluate
Flunitrazepam	Flunitrazepam-D7	7.421	1233761	333743	3.6967	45.4882

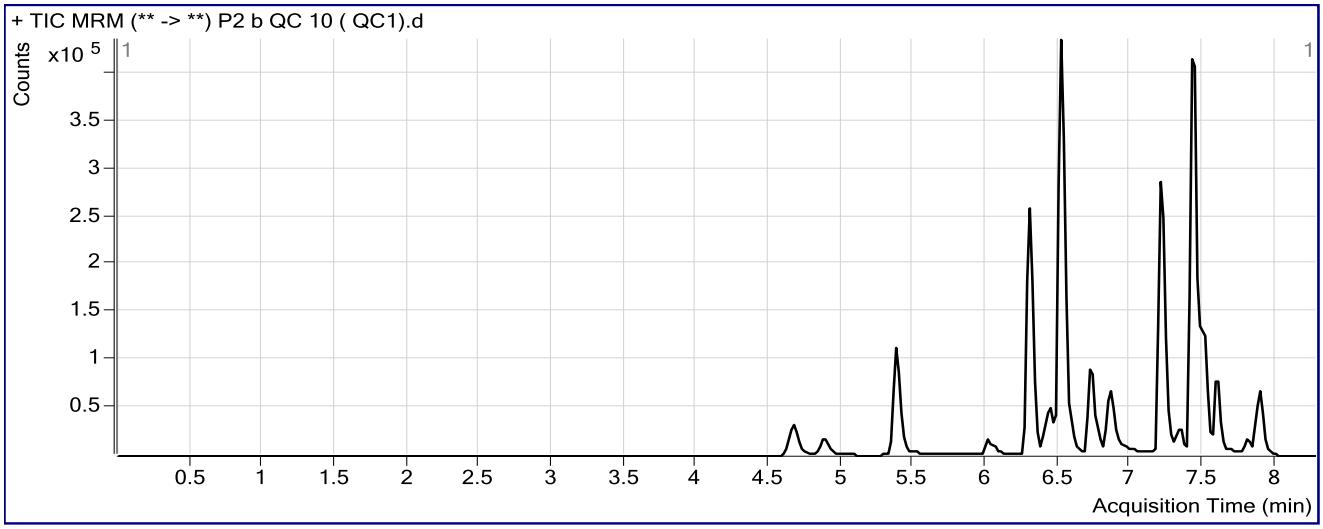
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.		
Analysis Time	5/22/2018 8:19 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:38 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:19 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 20:58	**Data File**	P2 b QC 10 (QC1).d
Sample Type	QC	**Sample Name**	P2 b QC 10 (QC1).d
Dilution	1	**Acq Method**	MDQ Panel 2b 2-22-18.m
Position	P1-A6	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.700	48337	90953	0.5314	10.1665
MDMA	MDMA-D6	4.894	35872	22419	1.6000	9.9068
MDEA	MDEA-D6	5.393	67044	359615	0.1864	10.5765
Primidone	MDEA-D6	6.025	28063	359615	0.0780	10.7427
Tapentadol	Tapentadol-D3	6.304	208850	649630	0.3215	10.8771
Meperidine	Meperidine-D4	6.437	27755	148717	0.1866	10.2388
Normeperidine	Normeperidine-D4	6.523	63688	159946	0.3982	10.5180
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.536	202814	1101781	0.1841	10.0180
Pentazocine	Pentazocine-13C3	6.716	43303	242328	0.1787	10.3816
Phencyclidine	Phencydlidine-D5	6.867	37796	205673	0.1838	12.4858
Zaleplon	Zaleplon-D4	7.202	215580	493640	0.4367	12.5937
Flurazepam	Propoxyphene-D11	7.193	45004	48119	0.9353	9.6009
Phenytoin	Phenytoin-D10	7.250	16026	55457	0.2890	14.1202
Verapamil	Propoxyphene-D11	7.333	45717	48119	0.9501	10.7737
~~Amoxapine~~	~~Zaleplon-D4~~	~~7.401~~	~~15561~~	~~493640~~	~~0.0315~~	~~0.0000~~ Did not evaluate
Flunitrazepam	Flunitrazepam-D7	7.421	273711	342336	0.7995	11.3554
Propoxyphene	Propoxyphene-D11	7.417	54451	48119	1.1316	9.6914
Imipramine	Imipramine-D3	7.429	47770	227279	0.2102	10.2843
Desipramine	Desipramine-D3	7.451	52733	242319	0.2176	11.4395
Trimipramine	Trimipramine-D3	7.507	36769	244763	0.1502	11.2042

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

P2 b QC 10 (QC1)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.601	33227	165394	0.2009	9.2019
Norpropoxyphene	Norpropoxyphene-D5	7.785	6049	38202	0.1584	9.1993

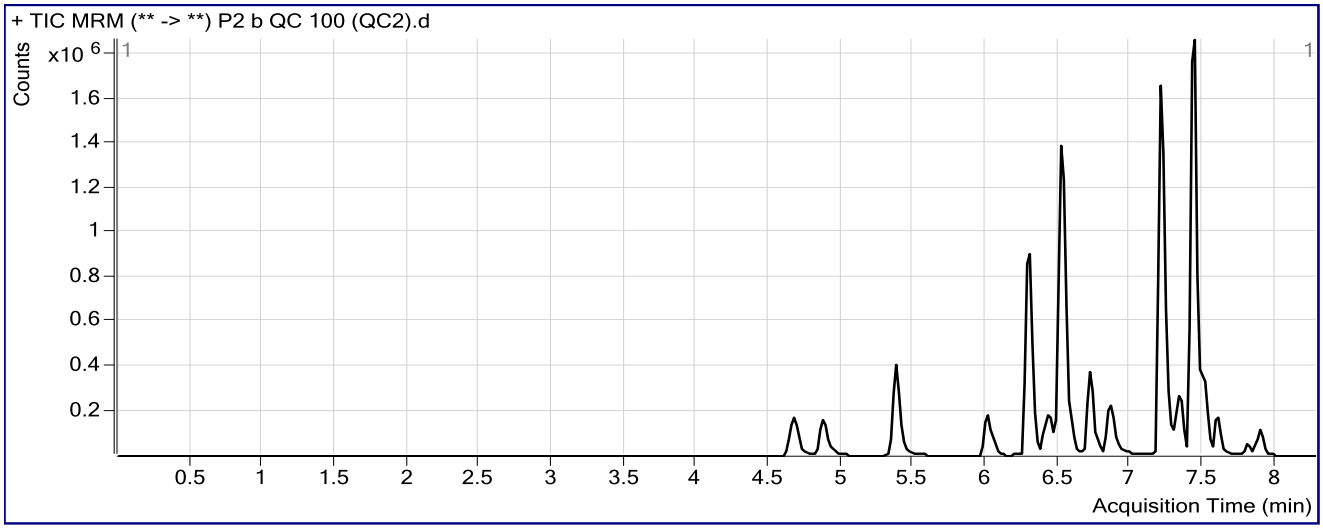
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.		
Analysis Time	5/22/2018 8:19 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:38 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:19 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 23:03	**Data File**	P2 b QC 100 (QC2).d
Sample Type	QC	**Sample Name**	P2 b QC 100 (QC2).d
Dilution	1	**Acq Method**	MDQ Panel 2b 2-22-18.m
Position	P1-B6	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc	
MDA	MDA-D5	4.680	496947	96040	5.1743	97.7246	
MDMA	MDMA-D6	4.874	447522	24293	18.4215	99.7875	
MDEA	MDEA-D6	5.369	735023	409628	1.7944	88.0697	
Primidone	MDEA-D6	6.025	340929	409628	0.8323	104.9091	
Tapentadol	Tapentadol-D3	6.304	2114400	647817	3.2639	97.2376	
Meperidine	Meperidine-D4	6.437	329163	159601	2.0624	95.2058	
Normeperidine	Normeperidine-D4	6.523	729669	181572	4.0186	100.9874	
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.536	2280618	1318078	1.7303	95.2518	
Pentazocine	Pentazocine-13C3	6.716	532052	281317	1.8913	96.2584	
Phencyclidine	Phencydlidine-D5	6.867	410760	222371	1.8472	91.8626	
Zaleplon	Zaleplon-D4	7.202	2359932	519553	4.5422	93.4007	
Flurazepam	Propoxyphene-D11	7.193	597885	53574	11.1599	93.7376	
Phenytoin	Phenytoin-D10	7.250	169892	55750	3.0474	90.3693	
Verapamil	Propoxyphene-D11	7.313	485485	53574	9.0619	85.8862	
~~Amoxapine~~	~~Zaleplon-D4~~	~~7.401~~	~~147238~~	~~519553~~	~~0.2834~~	~~91.9112~~	Did not evaluate
Flunitrazepam	Flunitrazepam-D7	7.421	2497848	321427	7.7711	93.4897	
Propoxyphene	Propoxyphene-D11	7.437	602772	53574	11.2511	91.0736	
Imipramine	Imipramine-D3	7.449	349344	171635	2.0354	94.2849	
Desipramine	Desipramine-D3	7.451	402294	181997	2.2104	94.9974	
Trimipramine	Trimipramine-D3	7.507	299858	164521	1.8226	95.3274	

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report P2 b cal 100 (QC2)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.601	222299	101023	2.2005	94.6648
Norpropoxyphene	Norpropoxyphene-D5	7.785	80809	49209	1.6422	93.7420

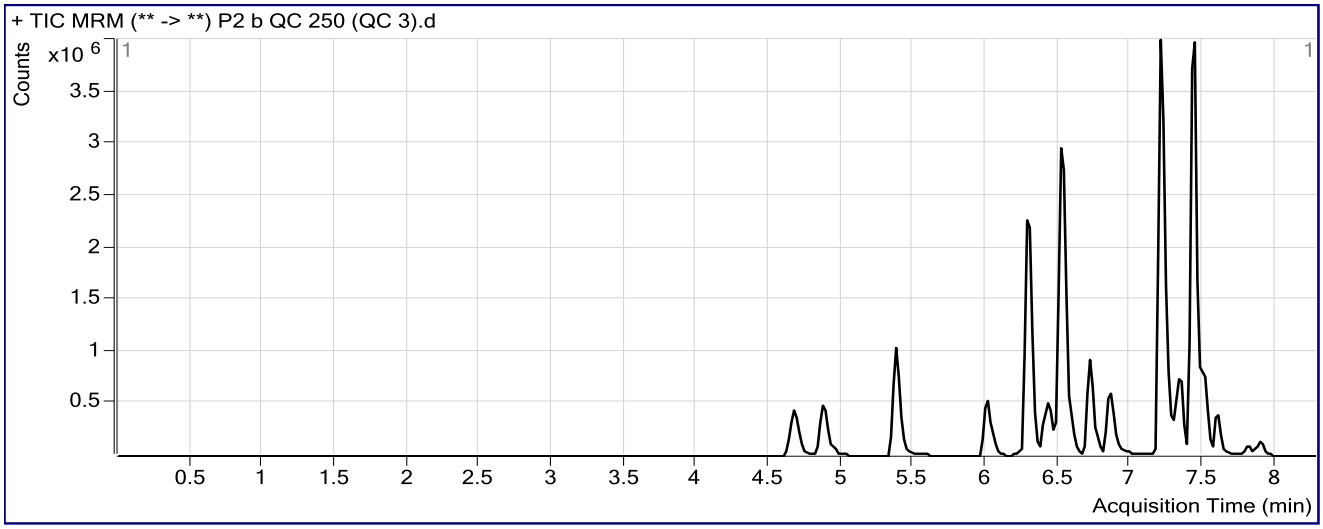
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.		
Analysis Time	5/22/2018 8:19 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:39 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:19 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-11 00:22	**Data File**	P2 b QC 250 (QC 3).d
Sample Type	QC	**Sample Name**	P2 b QC 250 (QC 3).d
Dilution	1	**Acq Method**	MDQ Panel 2b 2-22-18.m
Position	P1-C6	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc	
MDA	MDA-D5	4.680	1360479	103050	13.2022	249.1175	
MDMA	MDMA-D6	4.874	1369616	29298	46.7484	251.1440	
MDEA	MDEA-D6	5.369	2298860	469601	4.8953	237.5192	
Primidone	MDEA-D6	6.025	967544	469601	2.0604	258.2292	
Tapentadol	Tapentadol-D3	6.284	6064457	722598	8.3926	247.7666	
Meperidine	Meperidine-D4	6.416	997909	188693	5.2885	241.3382	
Normeperidine	Normeperidine-D4	6.523	1911865	201714	9.4781	237.4121	
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.536	6108389	1383284	4.4159	243.2965	
Pentazocine	Pentazocine-13C3	6.716	1508620	312346	4.8300	243.6164	
Phencyclidine	Phencydlidine-D5	6.867	1278474	249579	5.1225	248.1582	
Zaleplon	Zaleplon-D4	7.202	6045595	502349	12.0347	240.8707	
Flurazepam	Propoxyphene-D11	7.193	1657231	62301	26.6005	220.7957	
Phenytoin	Phenytoin-D10	7.250	506472	64466	7.8564	223.3014	
Verapamil	Propoxyphene-D11	7.333	1401034	62301	22.4882	210.2097	
~~Amoxapine~~	~~Zaleplon-D4~~	~~7.401~~	~~326525~~	~~502349~~	~~0.6500~~	~~230.2772~~	Did not evaluate
Flunitrazepam	Flunitrazepam-D7	7.441	4712686	254841	18.4926	219.8033	
Propoxyphene	Propoxyphene-D11	7.437	1567746	62301	25.1641	202.9637	
Imipramine	Imipramine-D3	7.429	942566	180285	5.2282	241.2266	
Desipramine	Desipramine-D3	7.451	1037208	186820	5.5519	235.1017	
Trimipramine	Trimipramine-D3	7.507	791937	171489	4.6180	235.9399	

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report P2 b QC 250 (QC3)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.601	567708	93494	6.0721	260.1391
Norpropoxyphene	Norpropoxyphene-D5	7.785	202441	45823	4.4179	251.8980

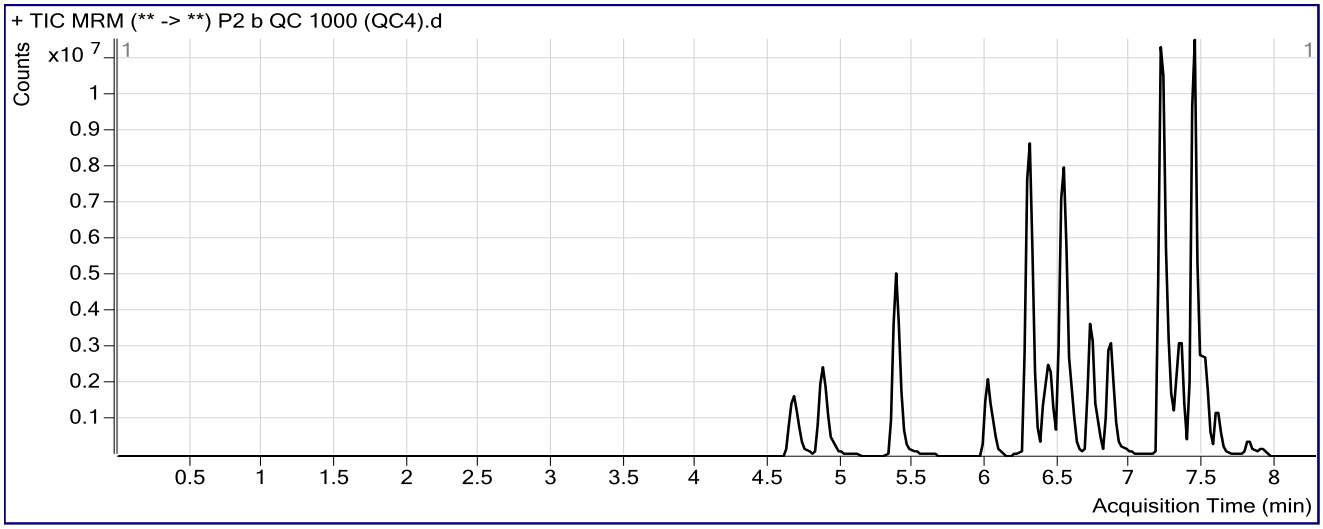
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.		
Analysis Time	5/22/2018 8:19 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:39 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:19 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-11 01:56	**Data File**	P2 b QC 1000 (QC4).d
Sample Type	QC	**Sample Name**	P2 b QC 1000 (QC4).d
Dilution	1	**Acq Method**	MDQ Panel 2b 2-22-18.m
Position	P1-D6	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.680	5569542	109020	51.0875	963.5772
MDMA	MDMA-D6	4.874	6886778	36717	187.5635	1003.5486
MDEA	MDEA-D6	5.369	12218134	598977	20.3983	984.6739
Primidone	MDEA-D6	6.025	3709211	598977	6.1926	774.1247
Tapentadol	Tapentadol-D3	6.304	25395680	706743	35.9334	1056.1010
Meperidine	Meperidine-D4	6.416	5354258	237366	22.5570	1023.5425
Normeperidine	Normeperidine-D4	6.523	6635356	166275	39.9060	997.7626
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.536	17767036	1093940	16.2413	895.1790
Pentazocine	Pentazocine-13C3	6.716	7000162	308941	22.6585	1137.6192
Phencyclidine	Phencydlidine-D5	6.867	6665510	317374	21.0021	1005.9144
Zaleplon	Zaleplon-D4	7.202	17701647	330942	53.4887	1056.7914
Flurazepam	Propoxyphene-D11	7.193	7475372	54431	137.3356	1132.0166
Phenytoin	Phenytoin-D10	7.250	1969165	51926	37.9224	1054.3997
Verapamil	Propoxyphene-D11	7.333	6182711	54431	113.5871	1053.7552
~~Amoxapine~~	~~Zaleplon-D4~~	~~7.401~~	~~888099~~	~~330942~~	~~2.6836~~	~~997.7933~~ Did not evaluate
Flunitrazepam	Flunitrazepam-D7	7.441	9490149	119676	79.2984	936.1747
Propoxyphene	Propoxyphene-D11	7.437	6276963	54431	115.3187	927.9967
Imipramine	Imipramine-D3	7.449	3804294	157411	24.1679	1112.8833
Desipramine	Desipramine-D3	7.451	3989818	164565	24.2446	1018.8723
Trimipramine	Trimipramine-D3	7.507	3281987	176865	18.5565	937.0623

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

P2 b QC 1000 (QC4)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.601	1988893	85399	23.2893	996.0087
Norpropoxyphene	Norpropoxyphene-D5	7.805	1006198	52773	19.0665	1086.5291

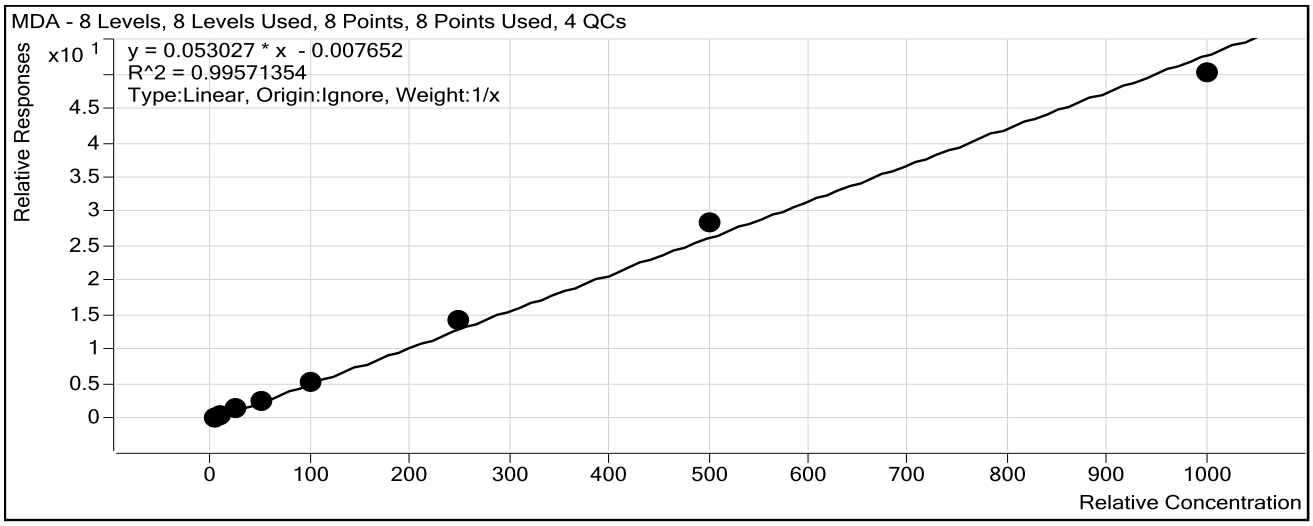
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *MDA*

Internal Standard *MDA-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☑	5	4.8	96.4
P2 b cal 2-10ng.d	2	☑	10	9.4	94.3
P2 b QC 10 (QC1).d	2	☑	10	10.2	101.7
P2 b cal 3-25ng.d	3	☑	25	25.1	100.5
P2 b cal 4-50ng.d	4	☑	50	49.6	99.2
P2 b cal 5-100ng.d	5	☑	100	99.5	99.5
P2 b QC 100 (QC2).d	5	☑	100	97.7	97.7
P2 b cal 6-250ng.d	6	☑	250	271.0	108.4
P2 b QC 250 (QC 3).d	6	☑	250	249.1	99.6
P2 b cal 7-500ng.d	7	☑	500	536.5	107.3
P2 b cal 8-1000ng.d	8	☑	1000	944.0	94.4
P2 b QC 1000 (QC4).d	8	☑	1000	963.6	96.4

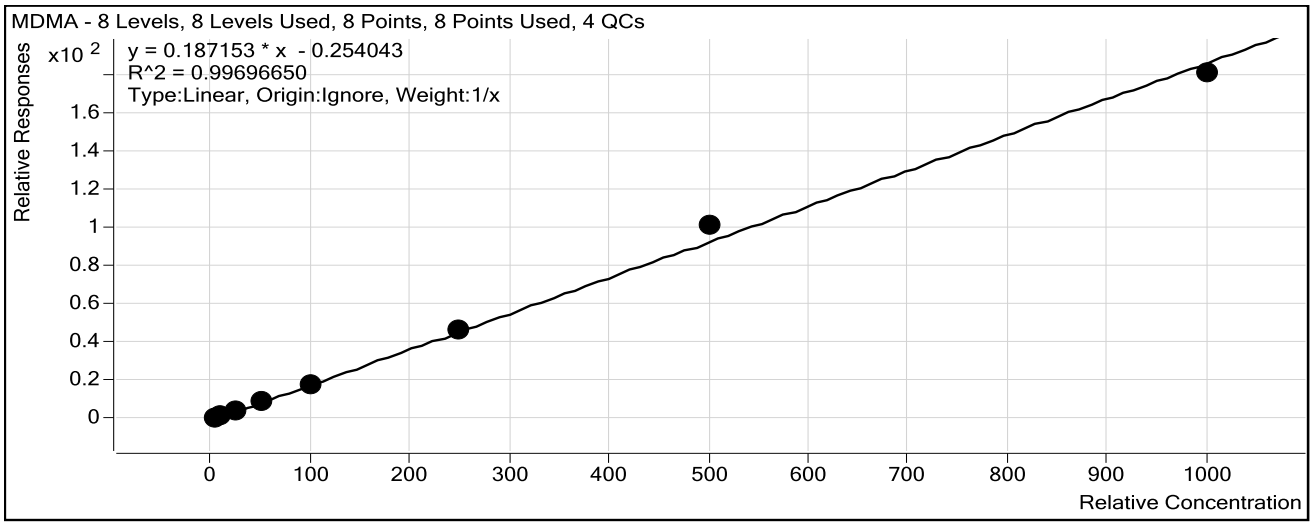
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *MDMA*

Internal Standard *MDMA-D6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☑	5	5.4	108.0
P2 b cal 2-10ng.d	2	☑	10	10.2	101.5
P2 b QC 10 (QC1).d	2	☑	10	9.9	99.1
P2 b cal 3-25ng.d	3	☑	25	22.9	91.6
P2 b cal 4-50ng.d	4	☑	50	48.9	97.8
P2 b cal 5-100ng.d	5	☑	100	96.7	96.7
P2 b QC 100 (QC2).d	5	☑	100	99.8	99.8
P2 b cal 6-250ng.d	6	☑	250	248.3	99.3
P2 b QC 250 (QC 3).d	6	☑	250	251.1	100.5
P2 b cal 7-500ng.d	7	☑	500	543.3	108.7
P2 b cal 8-1000ng.d	8	☑	1000	964.3	96.4
P2 b QC 1000 (QC4).d	8	☑	1000	1003.5	100.4

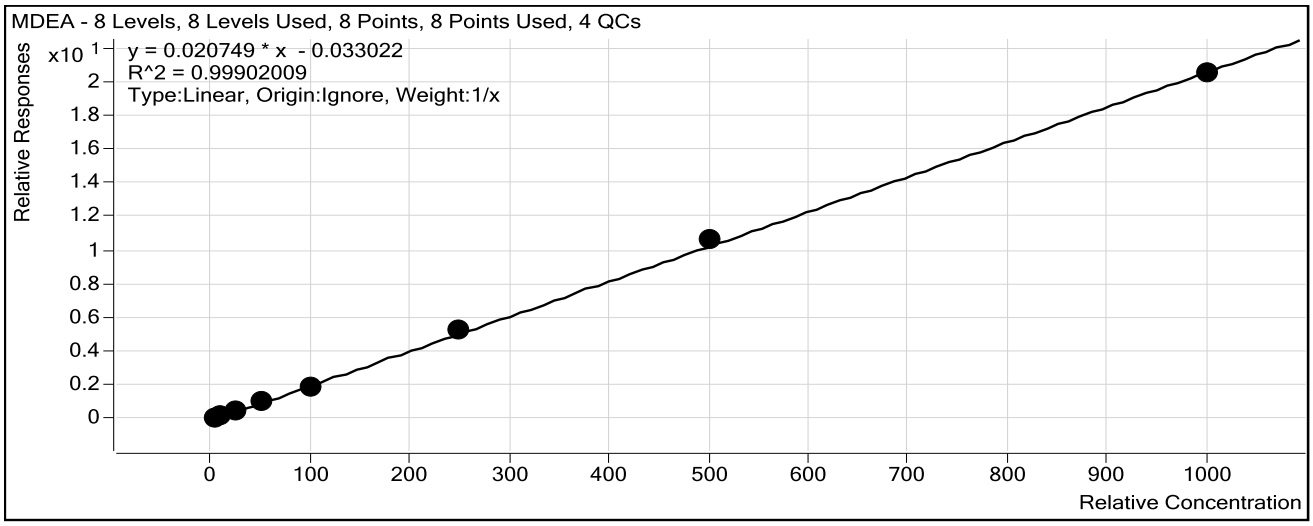
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *MDEA*

Internal Standard *MDEA-D6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☑	5	5.8	115.1
P2 b cal 2-10ng.d	2	☑	10	10.0	99.7
P2 b QC 10 (QC1).d	2	☑	10	10.6	105.8
P2 b cal 3-25ng.d	3	☑	25	22.9	91.6
P2 b cal 4-50ng.d	4	☑	50	48.9	97.9
P2 b cal 5-100ng.d	5	☑	100	92.1	92.1
P2 b QC 100 (QC2).d	5	☑	100	88.1	88.1
P2 b cal 6-250ng.d	6	☑	250	252.9	101.2
P2 b QC 250 (QC 3).d	6	☑	250	237.5	95.0
P2 b cal 7-500ng.d	7	☑	500	518.0	103.6
P2 b cal 8-1000ng.d	8	☑	1000	989.4	98.9
P2 b QC 1000 (QC4).d	8	☑	1000	984.7	98.5

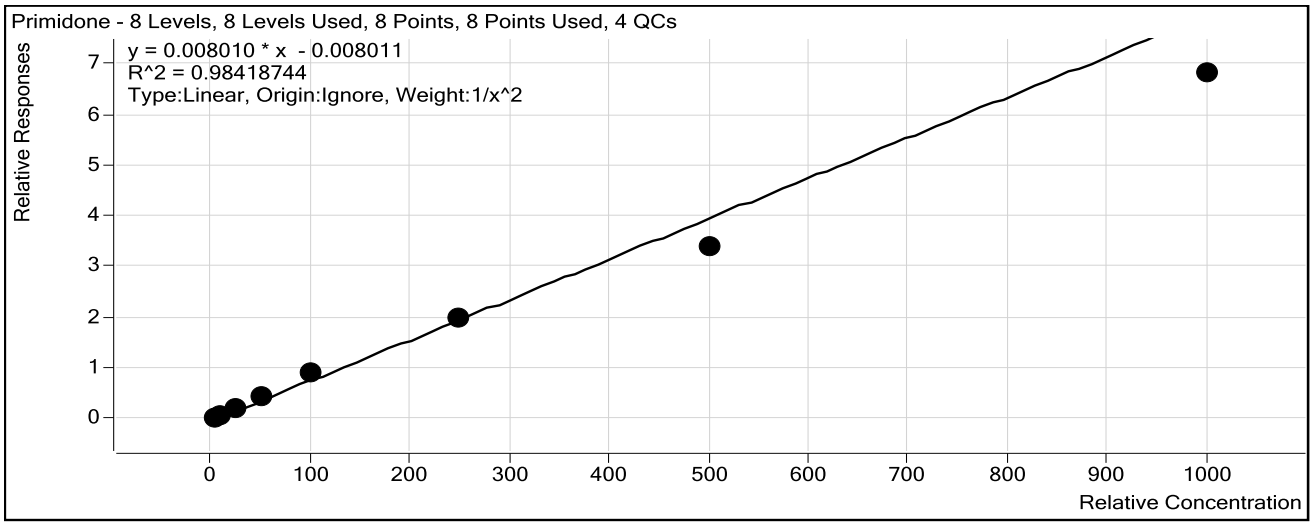
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Primidone*

Internal Standard *MDEA-D6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☑	5	4.8	96.3
P2 b cal 2-10ng.d	2	☑	10	10.2	101.8
P2 b QC 10 (QC1).d	2	☑	10	10.7	107.4
P2 b cal 3-25ng.d	3	☑	25	26.5	105.9
P2 b cal 4-50ng.d	4	☑	50	55.3	110.6
P2 b cal 5-100ng.d	5	☑	100	115.9	115.9
P2 b QC 100 (QC2).d	5	☑	100	104.9	104.9
P2 b cal 6-250ng.d	6	☑	250	246.7	98.7
P2 b QC 250 (QC 3).d	6	☑	250	258.2	103.3
P2 b cal 7-500ng.d	7	☑	500	428.0	85.6
P2 b cal 8-1000ng.d	8	☑	1000	851.7	85.2
P2 b QC 1000 (QC4).d	8	☑	1000	774.1	77.4

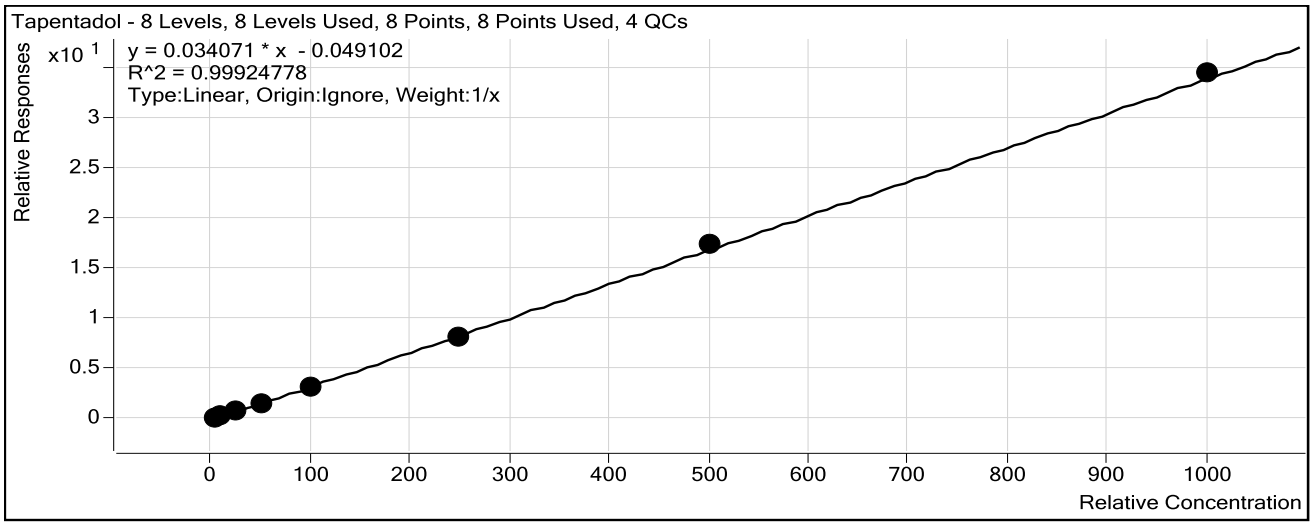
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Tapentadol*

Internal Standard *Tapentadol-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☑	5	5.6	113.0
P2 b cal 2-10ng.d	2	☑	10	10.3	103.2
P2 b QC 10 (QC1).d	2	☑	10	10.9	108.8
P2 b cal 3-25ng.d	3	☑	25	24.3	97.1
P2 b cal 4-50ng.d	4	☑	50	46.7	93.5
P2 b cal 5-100ng.d	5	☑	100	94.8	94.8
P2 b QC 100 (QC2).d	5	☑	100	97.2	97.2
P2 b cal 6-250ng.d	6	☑	250	239.1	95.7
P2 b QC 250 (QC 3).d	6	☑	250	247.8	99.1
P2 b cal 7-500ng.d	7	☑	500	509.1	101.8
P2 b cal 8-1000ng.d	8	☑	1000	1010.0	101.0
P2 b QC 1000 (QC4).d	8	☑	1000	1056.1	105.6

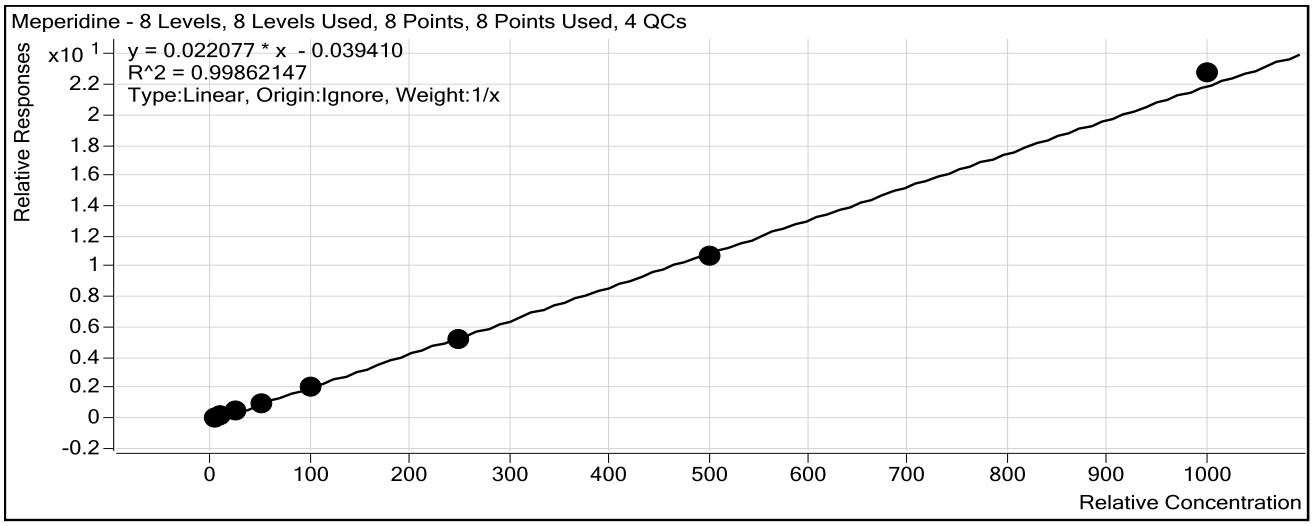
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Meperidine*

Internal Standard *Meperidine-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☑	5	6.0	119.8
P2 b cal 2-10ng.d	2	☑	10	9.9	99.2
P2 b QC 10 (QC1).d	2	☑	10	10.2	102.4
P2 b cal 3-25ng.d	3	☑	25	23.6	94.5
P2 b cal 4-50ng.d	4	☑	50	47.0	94.0
P2 b cal 5-100ng.d	5	☑	100	96.7	96.7
P2 b QC 100 (QC2).d	5	☑	100	95.2	95.2
P2 b cal 6-250ng.d	6	☑	250	237.9	95.2
P2 b QC 250 (QC 3).d	6	☑	250	241.3	96.5
P2 b cal 7-500ng.d	7	☑	500	487.5	97.5
P2 b cal 8-1000ng.d	8	☑	1000	1031.4	103.1
P2 b QC 1000 (QC4).d	8	☑	1000	1023.5	102.4

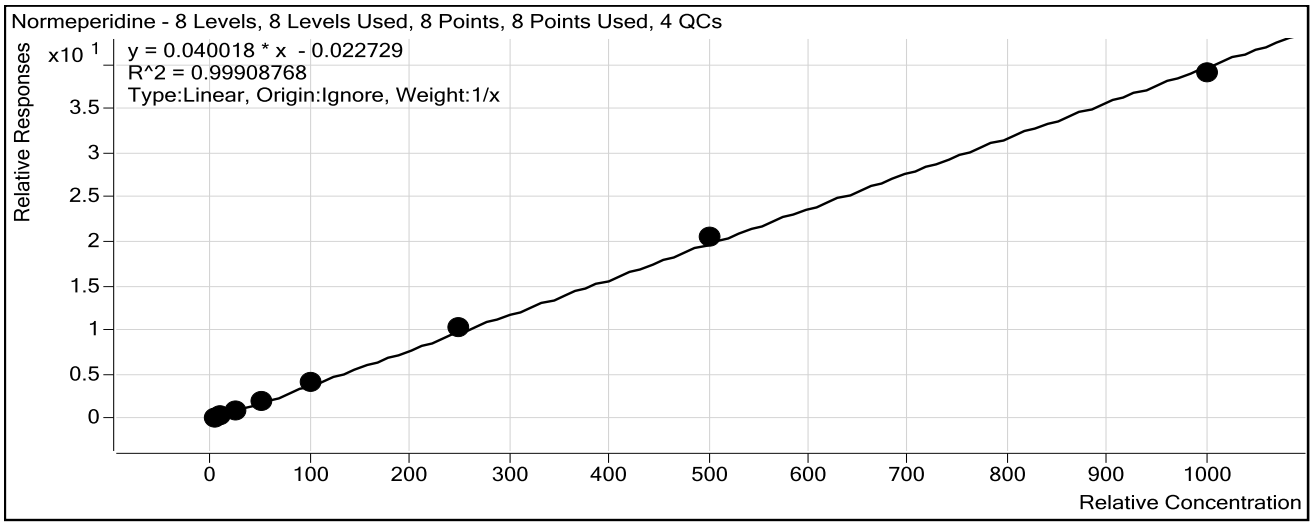
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Normeperidine*

Internal Standard *Normeperidine-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☑	5	5.4	107.8
P2 b cal 2-10ng.d	2	☑	10	9.4	93.7
P2 b QC 10 (QC1).d	2	☑	10	10.5	105.2
P2 b cal 3-25ng.d	3	☑	25	23.3	93.4
P2 b cal 4-50ng.d	4	☑	50	49.8	99.6
P2 b cal 5-100ng.d	5	☑	100	101.3	101.3
P2 b QC 100 (QC2).d	5	☑	100	101.0	101.0
P2 b cal 6-250ng.d	6	☑	250	258.2	103.3
P2 b QC 250 (QC 3).d	6	☑	250	237.4	95.0
P2 b cal 7-500ng.d	7	☑	500	516.8	103.4
P2 b cal 8-1000ng.d	8	☑	1000	975.8	97.6
P2 b QC 1000 (QC4).d	8	☑	1000	997.8	99.8

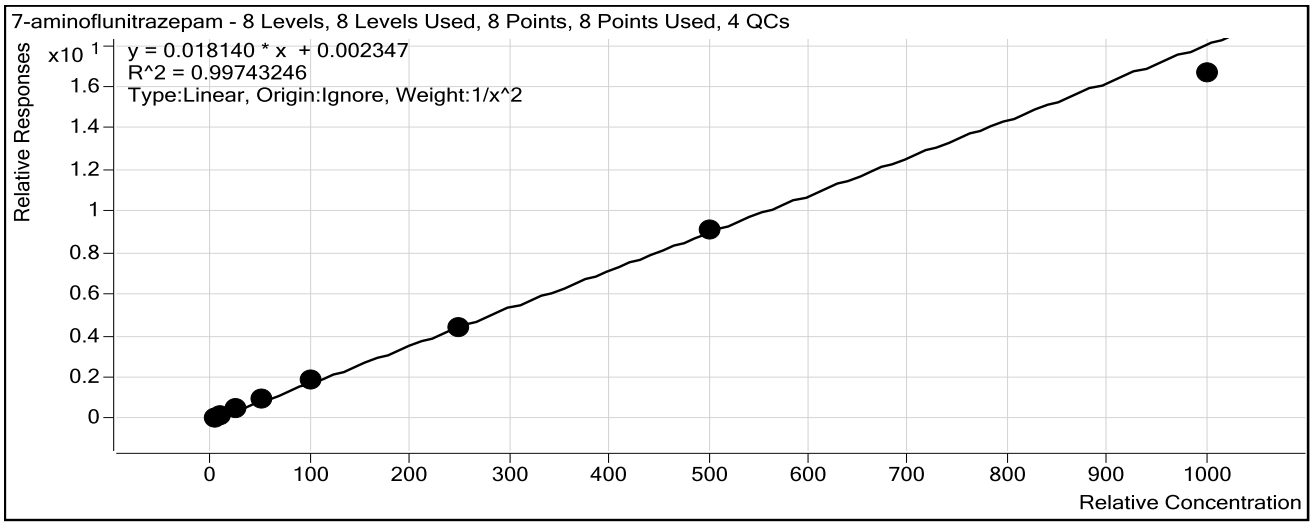
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *7-aminoflunitrazepam*

Internal Standard *7-aminoflunitrazepam-D7*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☑	5	4.9	97.3
P2 b cal 2-10ng.d	2	☑	10	10.3	102.5
P2 b QC 10 (QC1).d	2	☑	10	10.0	100.2
P2 b cal 3-25ng.d	3	☑	25	26.3	105.1
P2 b cal 4-50ng.d	4	☑	50	52.0	103.9
P2 b cal 5-100ng.d	5	☑	100	102.1	102.1
P2 b QC 100 (QC2).d	5	☑	100	95.3	95.3
P2 b cal 6-250ng.d	6	☑	250	243.4	97.4
P2 b QC 250 (QC 3).d	6	☑	250	243.3	97.3
P2 b cal 7-500ng.d	7	☑	500	499.3	99.9
P2 b cal 8-1000ng.d	8	☑	1000	917.2	91.7
P2 b QC 1000 (QC4).d	8	☑	1000	895.2	89.5

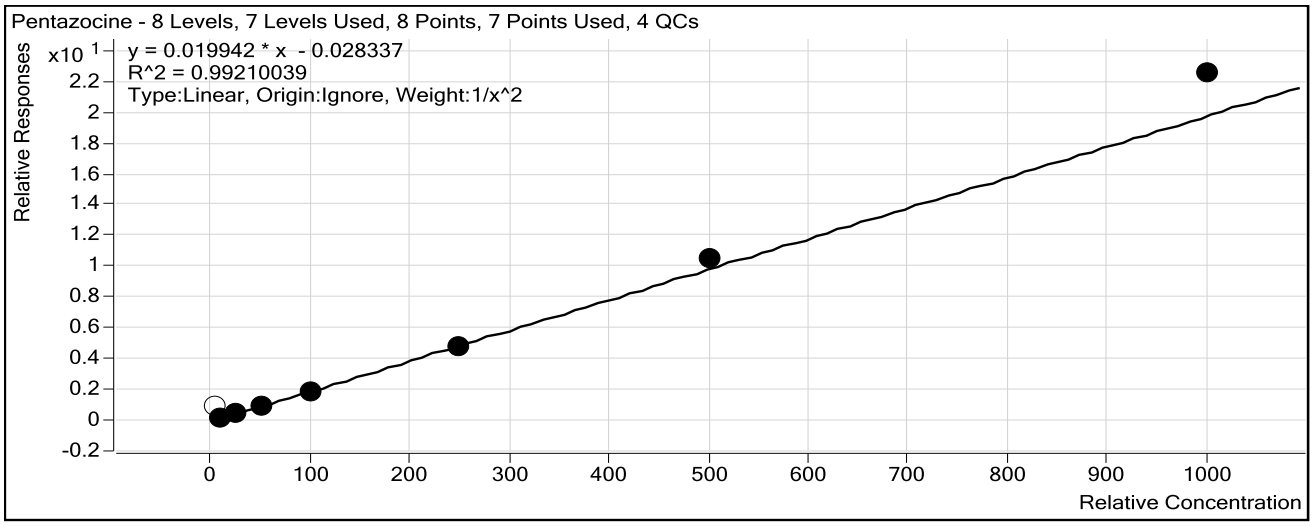
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Pentazocine*

Internal Standard *Pentazocine-13C3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☐	5	46.4	928.3
P2 b cal 2-10ng.d	2	☑	10	10.2	102.2
P2 b QC 10 (QC1).d	2	☑	10	10.4	103.8
P2 b cal 3-25ng.d	3	☑	25	24.9	99.8
P2 b cal 4-50ng.d	4	☑	50	46.8	93.6
P2 b cal 5-100ng.d	5	☑	100	91.0	91.0
P2 b QC 100 (QC2).d	5	☑	100	96.3	96.3
P2 b cal 6-250ng.d	6	☑	250	237.7	95.1
P2 b QC 250 (QC 3).d	6	☑	250	243.6	97.4
P2 b cal 7-500ng.d	7	☑	500	525.5	105.1
P2 b cal 8-1000ng.d	8	☑	1000	1132.0	113.2
P2 b QC 1000 (QC4).d	8	☑	1000	1137.6	113.8

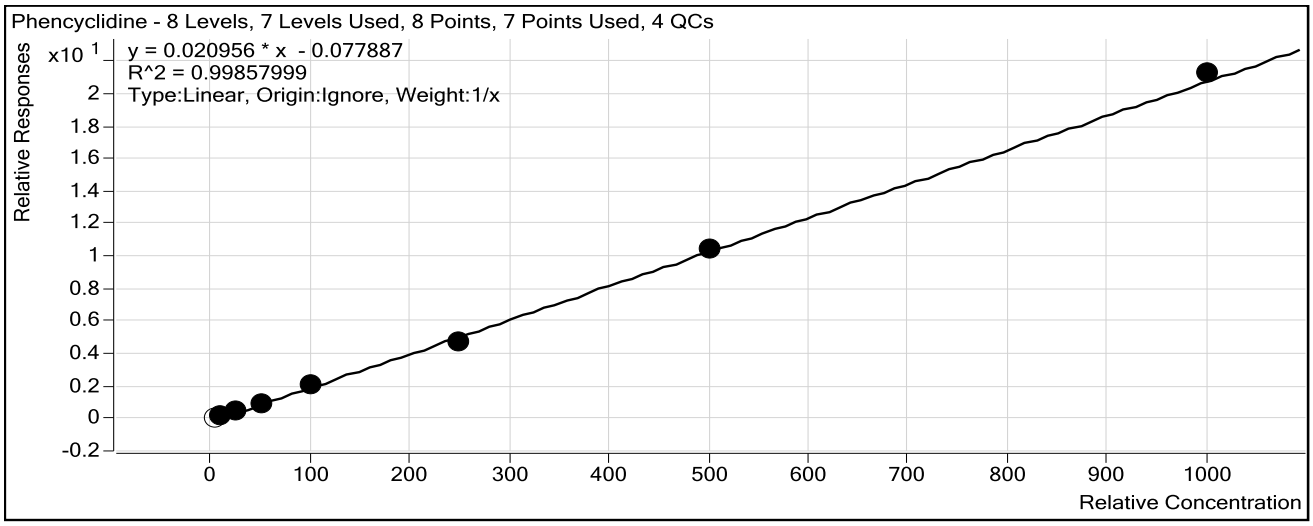
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Phencyclidine*

Internal Standard *Phencydlidine-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☐	5	8.5	169.7
P2 b cal 2-10ng.d	2	☑	10	11.3	113.4
P2 b QC 10 (QC1).d	2	☑	10	12.5	124.9
P2 b cal 3-25ng.d	3	☑	25	24.7	98.9
P2 b cal 4-50ng.d	4	☑	50	46.3	92.7
P2 b cal 5-100ng.d	5	☑	100	100.3	100.3
P2 b QC 100 (QC2).d	5	☑	100	91.9	91.9
P2 b cal 6-250ng.d	6	☑	250	230.3	92.1
P2 b QC 250 (QC 3).d	6	☑	250	248.2	99.3
P2 b cal 7-500ng.d	7	☑	500	504.3	100.9
P2 b cal 8-1000ng.d	8	☑	1000	1017.7	101.8
P2 b QC 1000 (QC4).d	8	☑	1000	1005.9	100.6

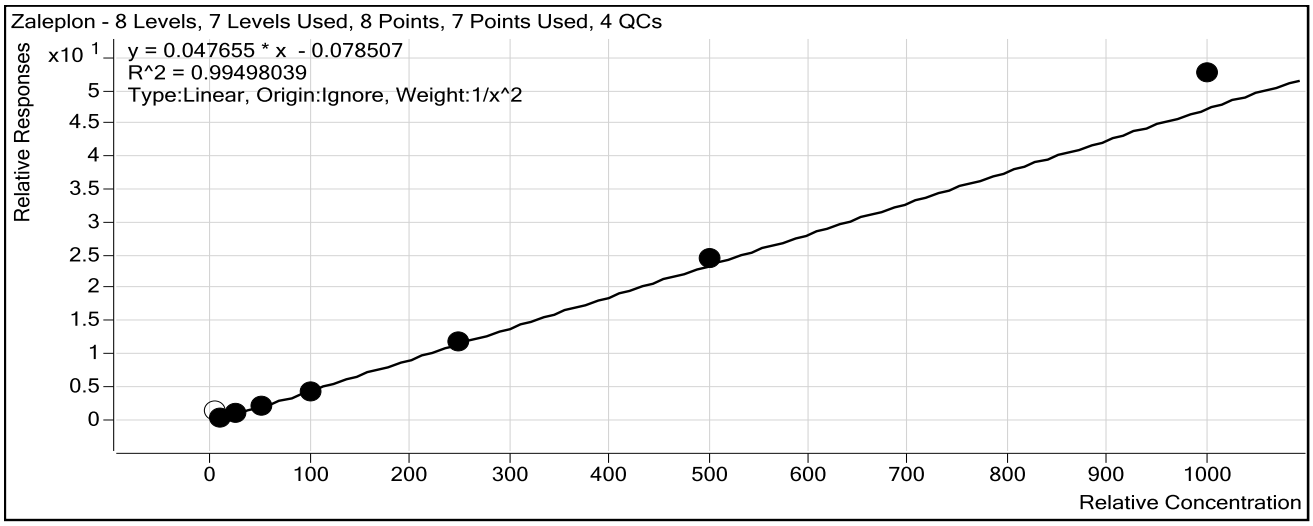
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Zaleplon*

Internal Standard *Zaleplon-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☐	5	27.8	555.6
P2 b cal 2-10ng.d	2	☑	10	10.3	103.3
P2 b QC 10 (QC1).d	2	☑	10	10.8	108.1
P2 b cal 3-25ng.d	3	☑	25	24.0	96.1
P2 b cal 4-50ng.d	4	☑	50	46.9	93.8
P2 b cal 5-100ng.d	5	☑	100	94.1	94.1
P2 b QC 100 (QC2).d	5	☑	100	97.0	97.0
P2 b cal 6-250ng.d	6	☑	250	247.3	98.9
P2 b QC 250 (QC 3).d	6	☑	250	254.2	101.7
P2 b cal 7-500ng.d	7	☑	500	516.1	103.2
P2 b cal 8-1000ng.d	8	☑	1000	1105.8	110.6
P2 b QC 1000 (QC4).d	8	☑	1000	1124.1	112.4

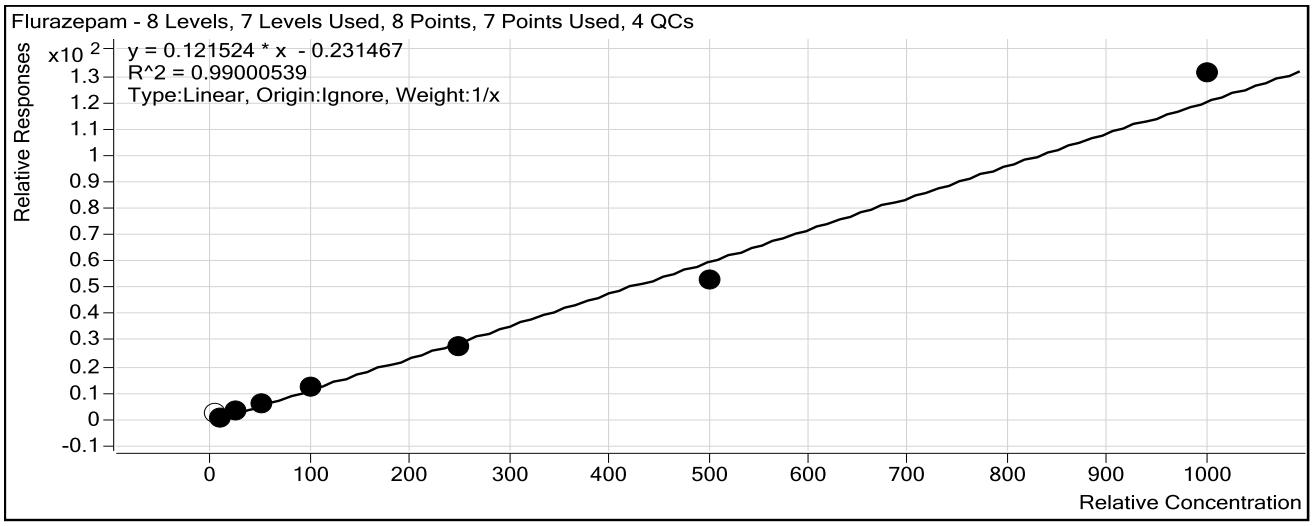
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Flurazepam*

Internal Standard *Propoxyphene-D11*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☐	5	24.6	491.7
P2 b cal 2-10ng.d	2	☑	10	10.0	100.1
P2 b QC 10 (QC1).d	2	☑	10	9.6	96.0
P2 b cal 3-25ng.d	3	☑	25	26.7	106.9
P2 b cal 4-50ng.d	4	☑	50	52.8	105.7
P2 b cal 5-100ng.d	5	☑	100	100.3	100.3
P2 b QC 100 (QC2).d	5	☑	100	93.7	93.7
P2 b cal 6-250ng.d	6	☑	250	229.8	91.9
P2 b QC 250 (QC 3).d	6	☑	250	220.8	88.3
P2 b cal 7-500ng.d	7	☑	500	435.1	87.0
P2 b cal 8-1000ng.d	8	☑	1000	1080.1	108.0
P2 b QC 1000 (QC4).d	8	☑	1000	1132.0	113.2

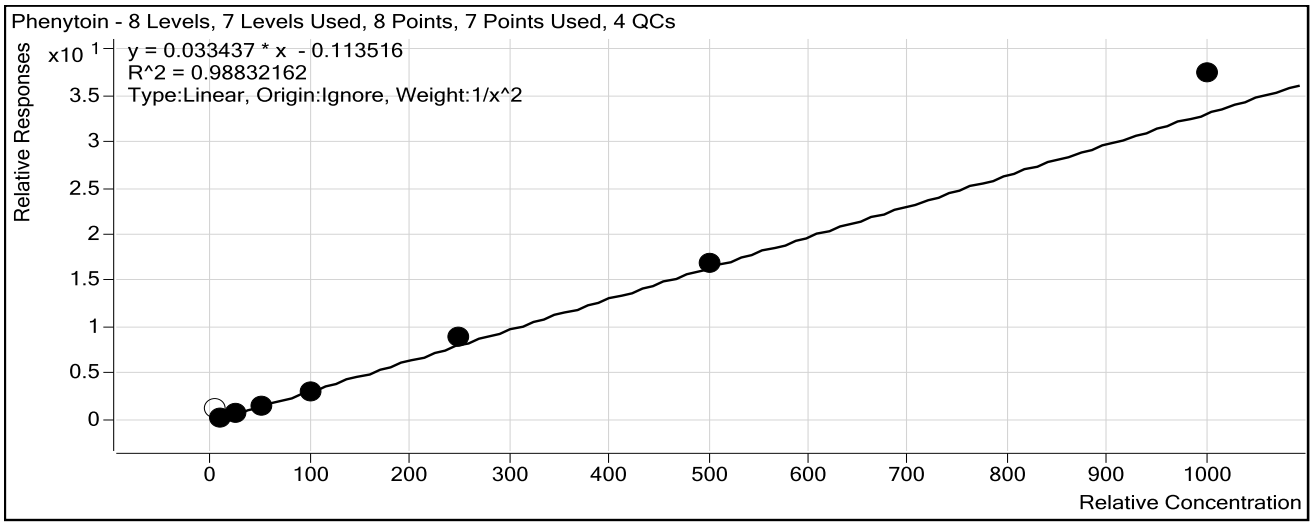
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Phenytoin*

Internal Standard *Phenytoin-D10*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☐	5	39.1	782.6
P2 b cal 2-10ng.d	2	☑	10	10.6	106.3
P2 b QC 10 (QC1).d	2	☑	10	12.0	120.4
P2 b cal 3-25ng.d	3	☑	25	22.3	89.3
P2 b cal 4-50ng.d	4	☑	50	46.4	92.9
P2 b cal 5-100ng.d	5	☑	100	89.7	89.7
P2 b QC 100 (QC2).d	5	☑	100	94.5	94.5
P2 b cal 6-250ng.d	6	☑	250	268.7	107.5
P2 b QC 250 (QC 3).d	6	☑	250	238.4	95.3
P2 b cal 7-500ng.d	7	☑	500	510.8	102.2
P2 b cal 8-1000ng.d	8	☑	1000	1122.2	112.2
P2 b QC 1000 (QC4).d	8	☑	1000	1137.5	113.8

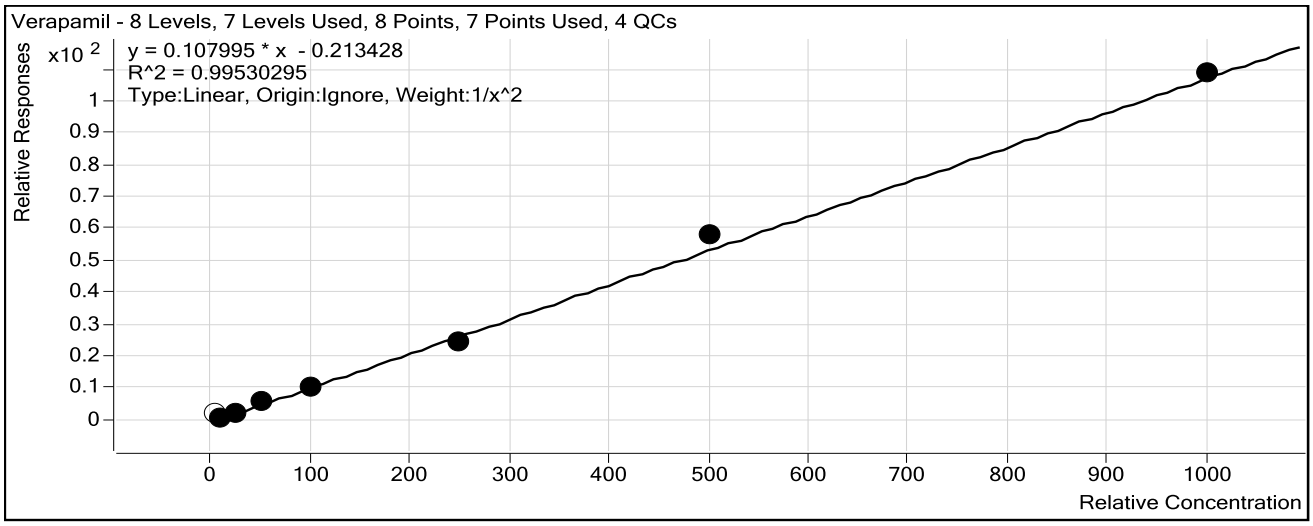
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Verapamil*

Internal Standard *Propoxyphene-D11*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☐	5	23.6	471.4
P2 b cal 2-10ng.d	2	☑	10	10.1	100.7
P2 b QC 10 (QC1).d	2	☑	10	10.8	107.7
P2 b cal 3-25ng.d	3	☑	25	24.1	96.5
P2 b cal 4-50ng.d	4	☑	50	53.1	106.1
P2 b cal 5-100ng.d	5	☑	100	96.8	96.8
P2 b QC 100 (QC2).d	5	☑	100	85.9	85.9
P2 b cal 6-250ng.d	6	☑	250	227.5	91.0
P2 b QC 250 (QC 3).d	6	☑	250	210.2	84.1
P2 b cal 7-500ng.d	7	☑	500	540.6	108.1
P2 b cal 8-1000ng.d	8	☑	1000	1007.8	100.8
P2 b QC 1000 (QC4).d	8	☑	1000	1053.8	105.4

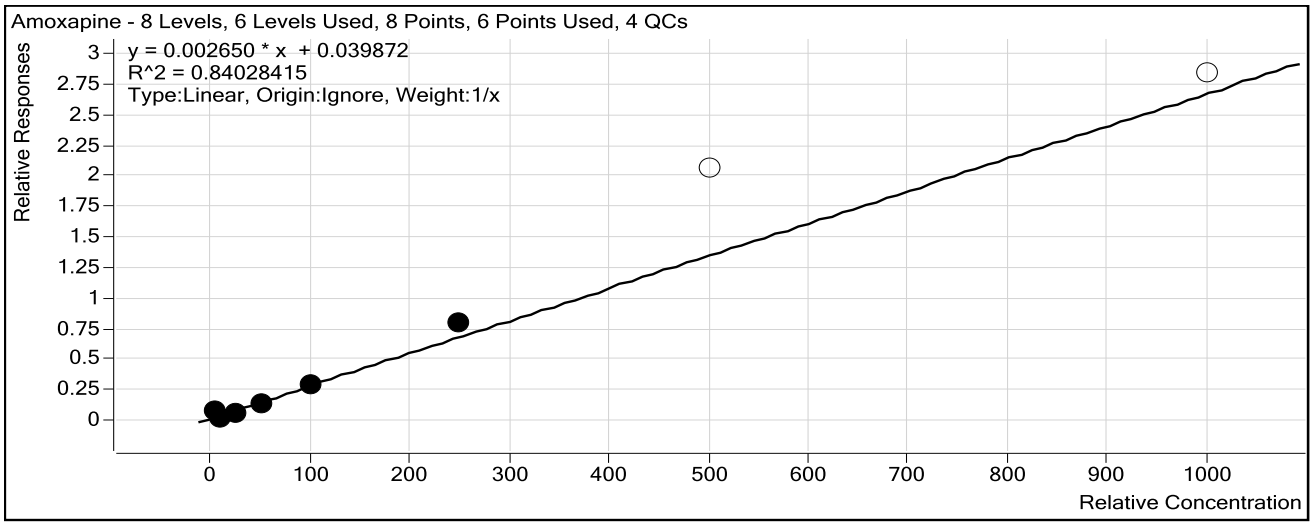
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Amoxapine*

Internal Standard *Zaleplon-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☑	5	16.1	321.7
P2 b cal 2-10ng.d	2	☑	10	0.0	0.0
P2 b QC 10 (QC1).d	2	☑	10	0.0	0.0
P2 b cal 3-25ng.d	3	☑	25	6.4	25.4
P2 b cal 4-50ng.d	4	☑	50	39.1	78.1
P2 b cal 5-100ng.d	5	☑	100	92.8	92.8
P2 b QC 100 (QC2).d	5	☑	100	91.9	91.9
P2 b cal 6-250ng.d	6	☑	250	289.0	115.6
P2 b QC 250 (QC 3).d	6	☑	250	230.3	92.1
P2 b cal 7-500ng.d	7	☐	500	765.6	153.1
P2 b cal 8-1000ng.d	8	☐	1000	1055.1	105.5
P2 b QC 1000 (QC4).d	8	☑	1000	997.8	99.8

Did not evaluate Amoxapine.

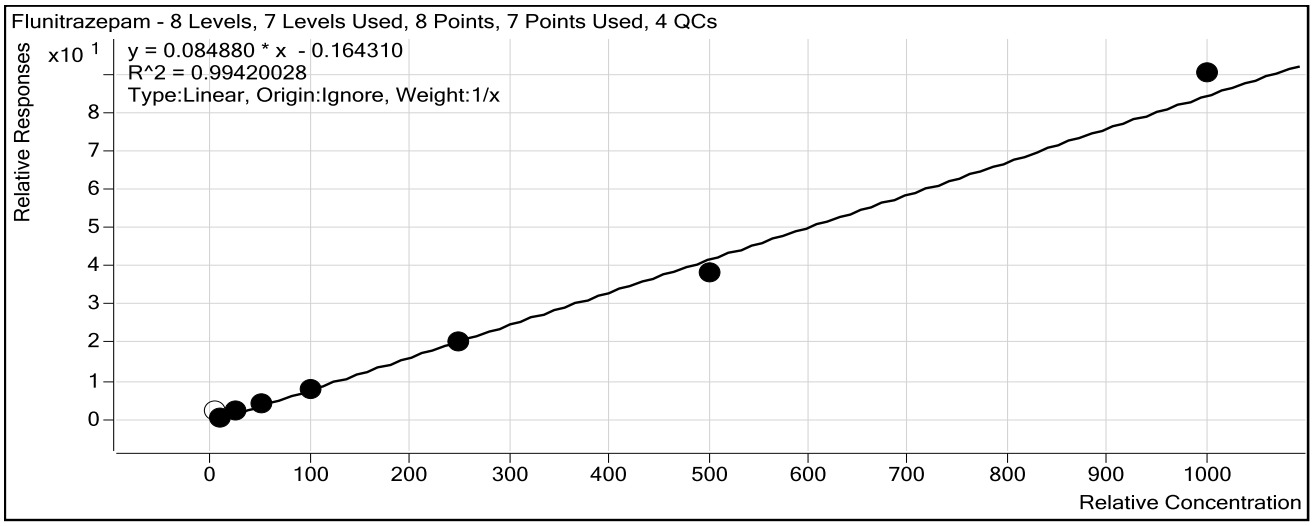
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Flunitrazepam*

Internal Standard *Flunitrazepam-D7*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☐	5	28.3	565.0
P2 b cal 2-10ng.d	2	☑	10	10.7	106.6
P2 b QC 10 (QC1).d	2	☑	10	11.4	113.6
P2 b cal 3-25ng.d	3	☑	25	26.5	106.2
P2 b cal 4-50ng.d	4	☑	50	49.5	98.9
P2 b cal 5-100ng.d	5	☑	100	96.5	96.5
P2 b QC 100 (QC2).d	5	☑	100	93.5	93.5
P2 b cal 6-250ng.d	6	☑	250	238.5	95.4
P2 b QC 250 (QC 3).d	6	☑	250	219.8	87.9
P2 b cal 7-500ng.d	7	☑	500	450.4	90.1
P2 b cal 8-1000ng.d	8	☑	1000	1062.9	106.3
P2 b QC 1000 (QC4).d	8	☑	1000	936.2	93.6

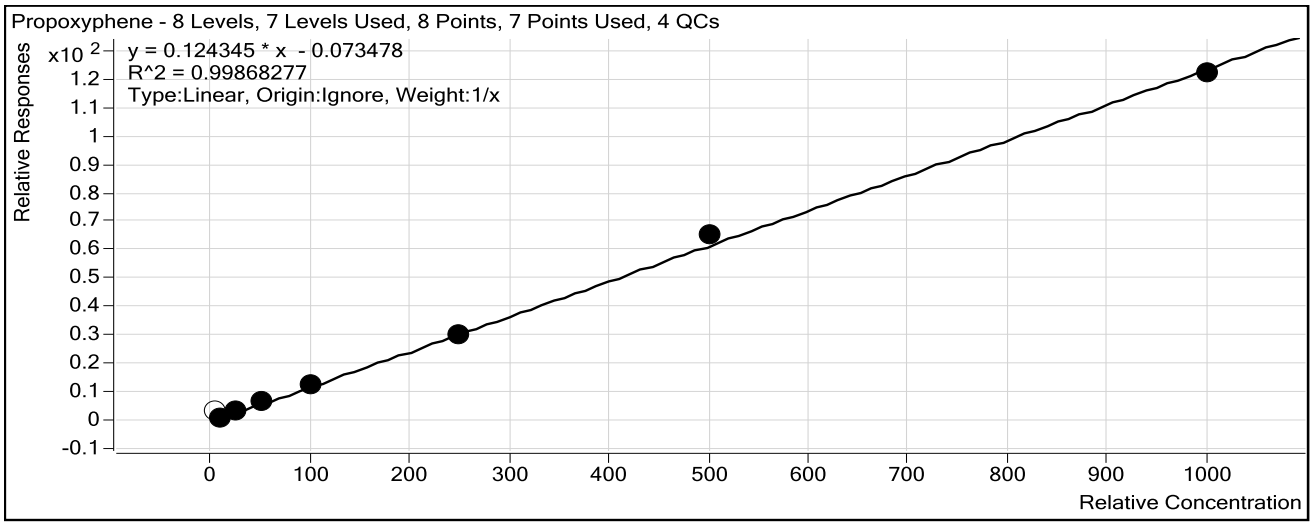
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Propoxyphene*

Internal Standard *Propoxyphene-D11*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☐	5	23.6	472.8
P2 b cal 2-10ng.d	2	☑	10	9.6	95.9
P2 b QC 10 (QC1).d	2	☑	10	9.7	96.9
P2 b cal 3-25ng.d	3	☑	25	24.0	96.2
P2 b cal 4-50ng.d	4	☑	50	54.4	108.8
P2 b cal 5-100ng.d	5	☑	100	99.4	99.4
P2 b QC 100 (QC2).d	5	☑	100	91.1	91.1
P2 b cal 6-250ng.d	6	☑	250	241.8	96.7
P2 b QC 250 (QC 3).d	6	☑	250	203.0	81.2
P2 b cal 7-500ng.d	7	☑	500	523.9	104.8
P2 b cal 8-1000ng.d	8	☑	1000	981.8	98.2
P2 b QC 1000 (QC4).d	8	☑	1000	928.0	92.8

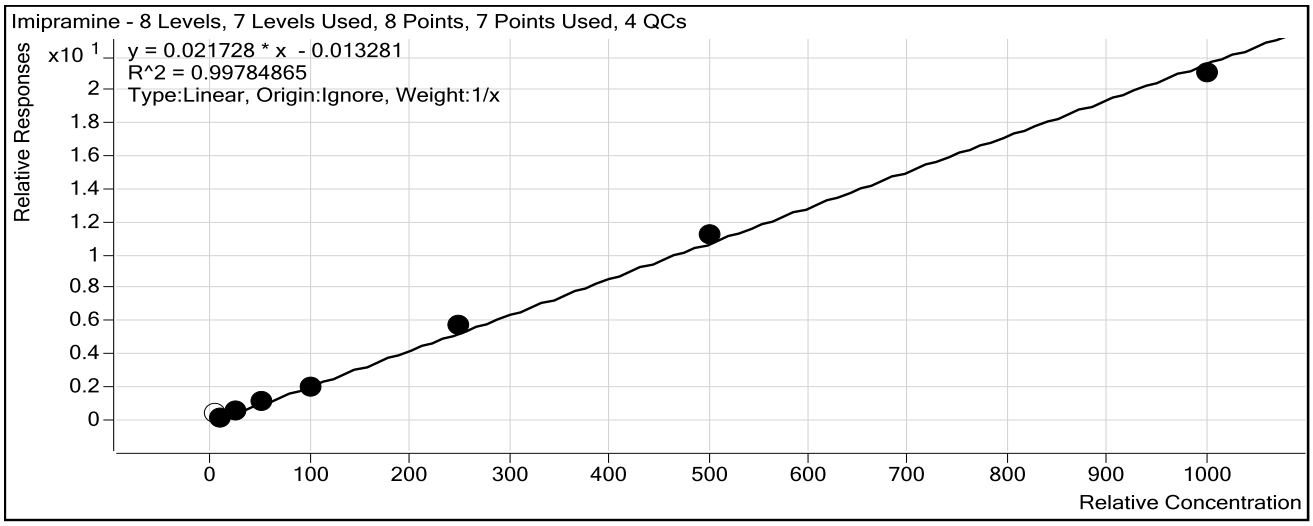
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Imipramine*

Internal Standard *Imipramine-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☐	5	20.8	416.9
P2 b cal 2-10ng.d	2	☑	10	9.1	91.3
P2 b QC 10 (QC1).d	2	☑	10	10.3	102.8
P2 b cal 3-25ng.d	3	☑	25	25.6	102.5
P2 b cal 4-50ng.d	4	☑	50	52.5	105.0
P2 b cal 5-100ng.d	5	☑	100	93.7	93.7
P2 b QC 100 (QC2).d	5	☑	100	94.3	94.3
P2 b cal 6-250ng.d	6	☑	250	267.5	107.0
P2 b QC 250 (QC 3).d	6	☑	250	241.2	96.5
P2 b cal 7-500ng.d	7	☑	500	518.7	103.7
P2 b cal 8-1000ng.d	8	☑	1000	967.8	96.8
P2 b QC 1000 (QC4).d	8	☑	1000	1112.9	111.3

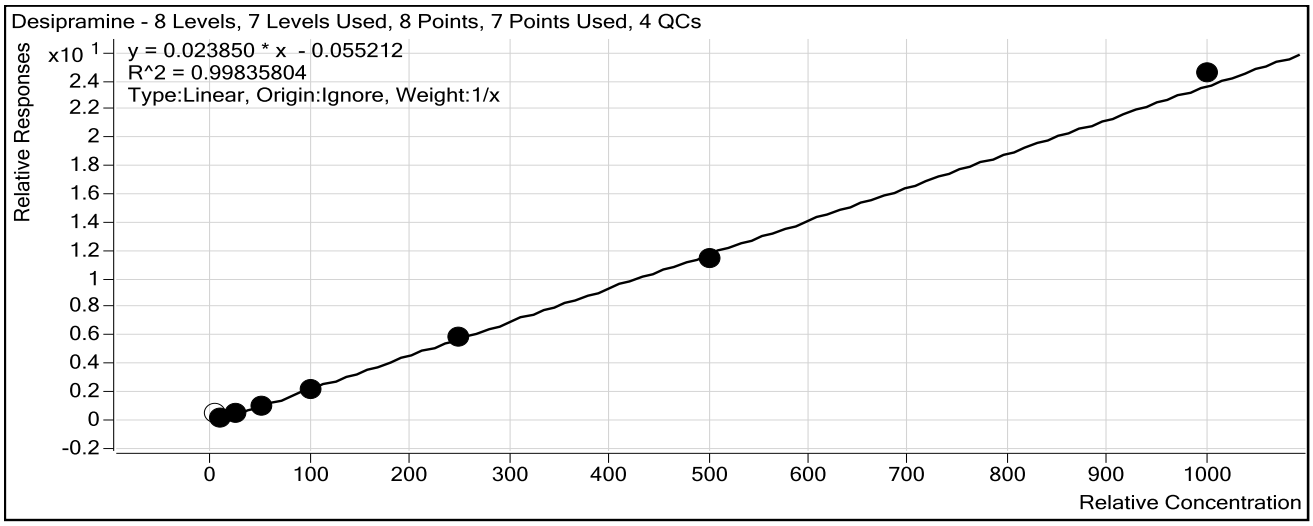
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Desipramine*

Internal Standard *Desipramine-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☐	5	25.4	508.3
P2 b cal 2-10ng.d	2	☑	10	11.4	113.7
P2 b QC 10 (QC1).d	2	☑	10	11.4	114.4
P2 b cal 3-25ng.d	3	☑	25	25.5	101.8
P2 b cal 4-50ng.d	4	☑	50	46.4	92.8
P2 b cal 5-100ng.d	5	☑	100	93.2	93.2
P2 b QC 100 (QC2).d	5	☑	100	95.0	95.0
P2 b cal 6-250ng.d	6	☑	250	249.0	99.6
P2 b QC 250 (QC 3).d	6	☑	250	235.1	94.0
P2 b cal 7-500ng.d	7	☑	500	479.1	95.8
P2 b cal 8-1000ng.d	8	☑	1000	1030.5	103.0
P2 b QC 1000 (QC4).d	8	☑	1000	1018.9	101.9

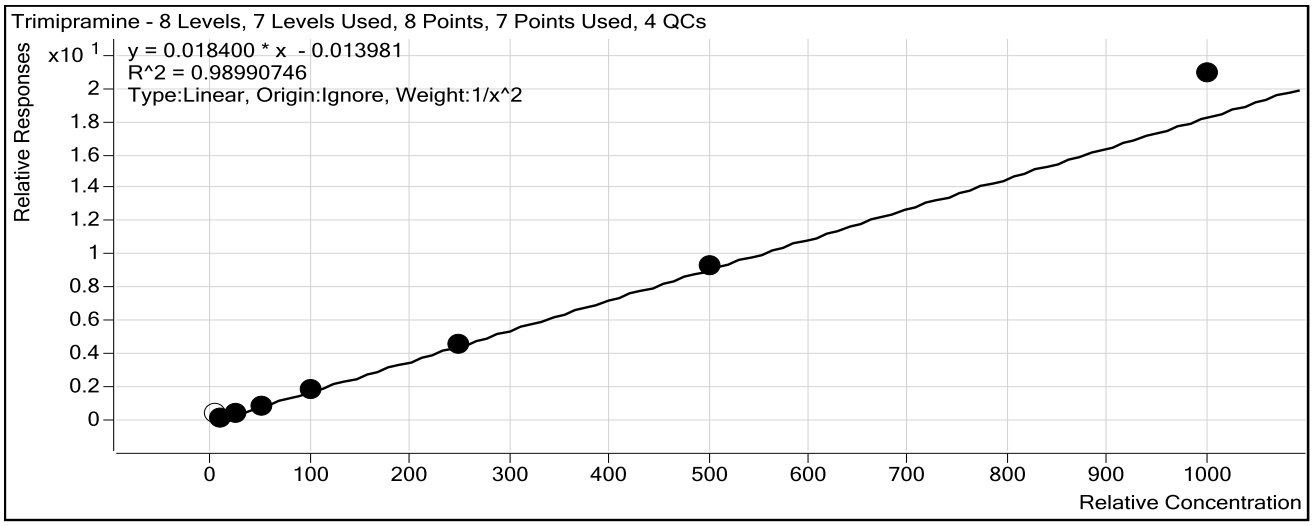
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Trimipramine*

Internal Standard *Trimipramine-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☐	5	21.5	430.1
P2 b cal 2-10ng.d	2	☑	10	10.6	105.7
P2 b QC 10 (QC1).d	2	☑	10	8.9	89.2
P2 b cal 3-25ng.d	3	☑	25	22.8	91.1
P2 b cal 4-50ng.d	4	☑	50	44.0	87.9
P2 b cal 5-100ng.d	5	☑	100	101.5	101.5
P2 b QC 100 (QC2).d	5	☑	100	99.8	99.8
P2 b cal 6-250ng.d	6	☑	250	247.9	99.2
P2 b QC 250 (QC 3).d	6	☑	250	251.7	100.7
P2 b cal 7-500ng.d	7	☑	500	504.2	100.8
P2 b cal 8-1000ng.d	8	☑	1000	1137.4	113.7
P2 b QC 1000 (QC4).d	8	☑	1000	1009.3	100.9

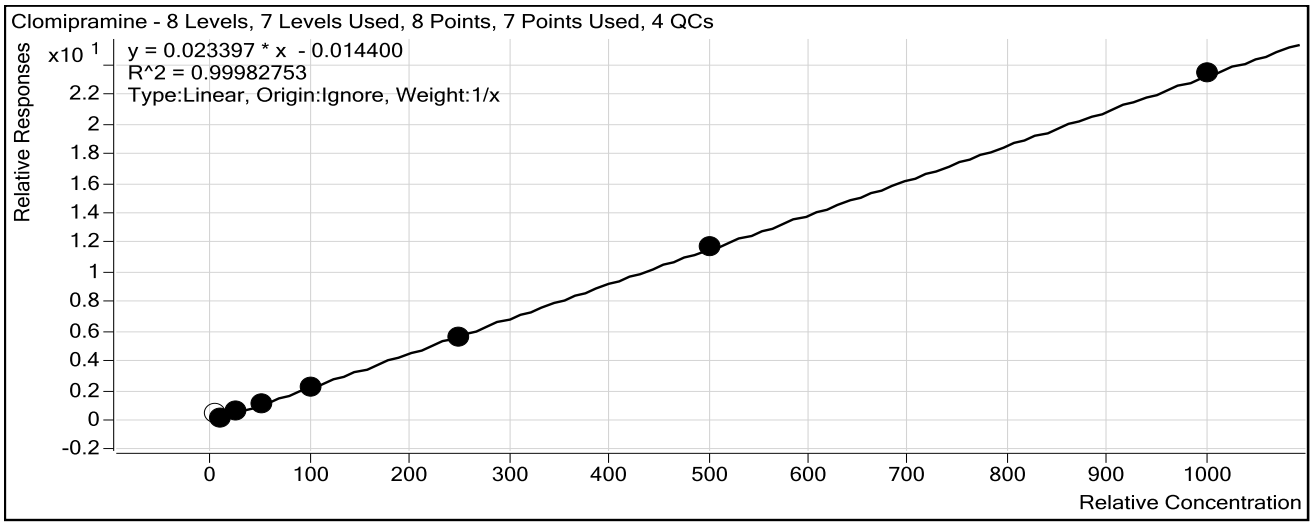
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Clomipramine*

Internal Standard *Clomipramine-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☐	5	20.0	400.2
P2 b cal 2-10ng.d	2	☑	10	10.3	102.8
P2 b QC 10 (QC1).d	2	☑	10	9.2	92.0
P2 b cal 3-25ng.d	3	☑	25	24.7	99.0
P2 b cal 4-50ng.d	4	☑	50	50.4	100.8
P2 b cal 5-100ng.d	5	☑	100	98.9	98.9
P2 b QC 100 (QC2).d	5	☑	100	94.7	94.7
P2 b cal 6-250ng.d	6	☑	250	243.0	97.2
P2 b QC 250 (QC 3).d	6	☑	250	260.1	104.1
P2 b cal 7-500ng.d	7	☑	500	505.6	101.1
P2 b cal 8-1000ng.d	8	☑	1000	1002.0	100.2
P2 b QC 1000 (QC4).d	8	☑	1000	996.0	99.6

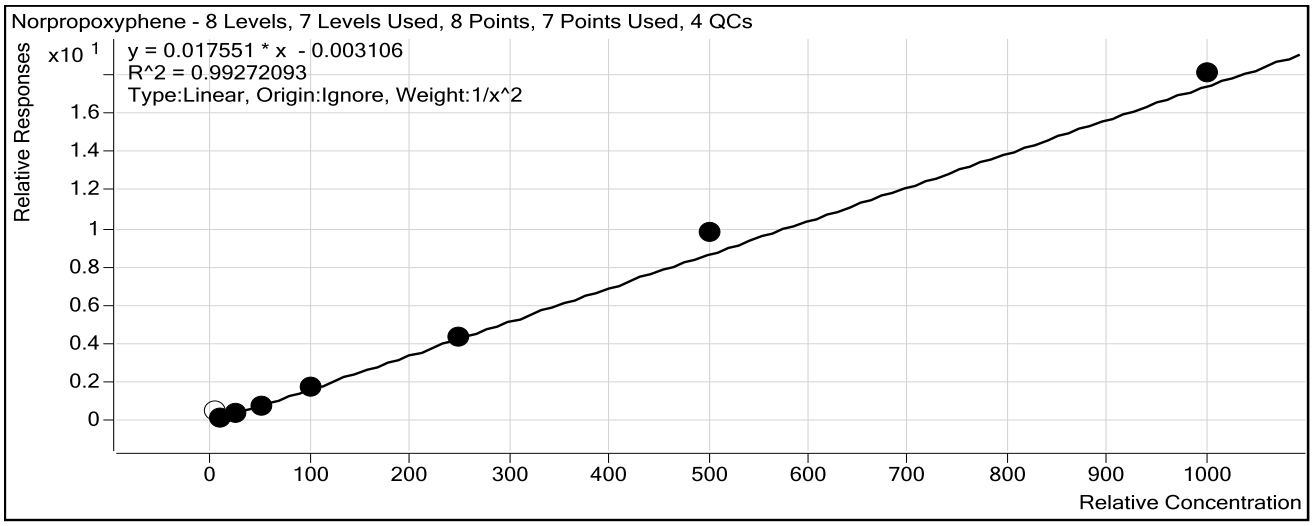
ISP Forensics
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.bin

Last Calib Update 5/22/2018 10:21 AM **Analyst Name** ISP TOX

Target Compound *Norpropoxyphene*

Internal Standard *Norpropoxyphene-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
P2 b cal 1-5ng.d	1	☐	5	29.9	598.8
P2 b cal 2-10ng.d	2	☑	10	10.5	105.2
P2 b QC 10 (QC1).d	2	☑	10	9.2	92.0
P2 b cal 3-25ng.d	3	☑	25	22.8	91.2
P2 b cal 4-50ng.d	4	☑	50	46.0	92.1
P2 b cal 5-100ng.d	5	☑	100	96.7	96.7
P2 b QC 100 (QC2).d	5	☑	100	93.7	93.7
P2 b cal 6-250ng.d	6	☑	250	250.1	100.0
P2 b QC 250 (QC 3).d	6	☑	250	251.9	100.8
P2 b cal 7-500ng.d	7	☑	500	558.4	111.7
P2 b cal 8-1000ng.d	8	☑	1000	1031.1	103.1
P2 b QC 1000 (QC4).d	8	☑	1000	1086.5	108.7

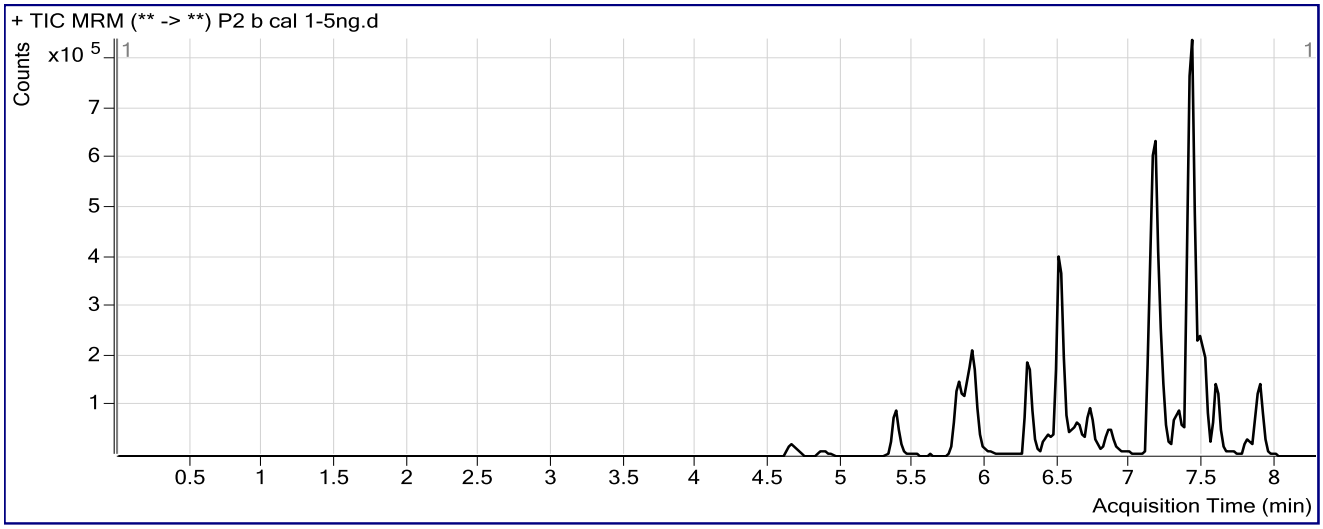
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.		
Analysis Time	5/22/2018 8:19 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:37 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:19 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 15:43	**Data File**	P2 b cal 1-5ng.d
Sample Type	Calibration	**Sample Name**	P2 b cal 1-5ng.d
Dilution	1	**Acq Method**	MDQ Panel 2b 2-22-18.m
Position	P1-A5	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.680	19861	80125	0.2479	4.8188
MDMA	MDMA-D6	4.894	14488	19157	0.7563	5.3983
MDEA	MDEA-D6	5.369	29000	335717	0.0864	5.7545
Primidone	MDEA-D6	6.005	10261	335717	0.0306	4.8158
Tapentadol	Tapentadol-D3	6.284	83614	583270	0.1434	5.6486
Meperidine	Meperidine-D4	6.437	12191	131326	0.0928	5.9899
Normeperidine	Normeperidine-D4	6.523	26966	139704	0.1930	5.3913
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.536	70397	777027	0.0906	4.8648
Pentazocine	Pentazocine-13C3	6.494	209429	233412	0.8973	46.4130
Phencyclidine	Phencydlidine-D5	6.867	17355	173757	0.0999	8.4828
Zaleplon	Zaleplon-D4	7.161	889316	714046	1.2455	28.5118
Flurazepam	Propoxyphene-D11	7.133	208184	75535	2.7561	24.5844
Phenytoin	Phenytoin-D10	7.148	44515	37255	1.1949	39.1617
Verapamil	Propoxyphene-D11	7.313	176132	75535	2.3318	23.5678
Amoxapine	Zaleplon-D4	7.381	58898	714046	0.0825	16.0832
Flunitrazepam	Flunitrazepam-D7	7.401	907268	406179	2.2337	28.2513
Propoxyphene	Propoxyphene-D11	7.417	216476	75535	2.8659	23.6388
Imipramine	Imipramine-D3	7.429	144864	329531	0.4396	20.8431
Desipramine	Desipramine-D3	7.451	189888	344657	0.5509	25.4159
Trimipramine	Trimipramine-D3	7.487	131446	344361	0.3817	22.8483

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report P2 b cal 1

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.580	105332	232105	0.4538	20.0115
Norpropoxyphene	Norpropoxyphene-D5	7.785	34883	66774	0.5224	29.9423

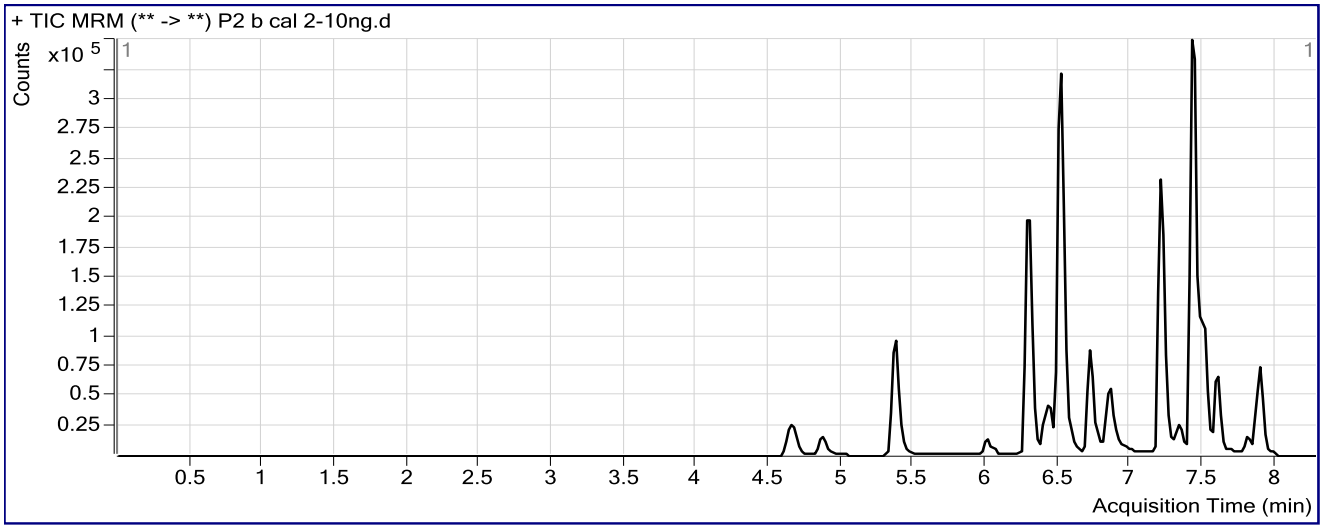
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.		
Analysis Time	5/22/2018 8:19 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:37 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:19 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 15:58	**Data File**	P2 b cal 2-10ng.d
Sample Type	Calibration	**Sample Name**	P2 b cal 2-10ng.d
Dilution	1	**Acq Method**	MDQ Panel 2b 2-22-18.m
Position	P1-B5	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.680	40128	81509	0.4923	9.4287
MDMA	MDMA-D6	4.874	31178	18941	1.6460	10.1525
MDEA	MDEA-D6	5.369	55855	321361	0.1738	9.9681
Primidone	MDEA-D6	6.025	23623	321361	0.0735	10.1773
Tapentadol	Tapentadol-D3	6.304	167857	554942	0.3025	10.3190
Meperidine	Meperidine-D4	6.437	23669	131726	0.1797	9.9243
Normeperidine	Normeperidine-D4	6.523	49332	140117	0.3521	9.3660
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.536	154972	822760	0.1884	10.2538
Pentazocine	Pentazocine-13C3	6.716	40507	230760	0.1755	10.2231
Phencyclidine	Phencydlidine-D5	6.867	29863	186964	0.1597	11.3387
Zaleplon	Zaleplon-D4	7.202	167858	405822	0.4136	12.1392
Flurazepam	Propoxyphene-D11	7.193	46509	47204	0.9853	10.0123
Phenytoin	Phenytoin-D10	7.250	11719	48451	0.2419	12.8183
Verapamil	Propoxyphene-D11	7.313	41261	47204	0.8741	10.0701
Amoxapine	Zaleplon-D4	7.401	12561	405822	0.0310	0.0000
Flunitrazepam	Flunitrazepam-D7	7.421	198366	267855	0.7406	10.6607
Propoxyphene	Propoxyphene-D11	7.417	52808	47204	1.1187	9.5877
Imipramine	Imipramine-D3	7.429	37988	205274	0.1851	9.1281
Desipramine	Desipramine-D3	7.451	45533	210776	0.2160	11.3728
Trimipramine	Trimipramine-D3	7.507	36595	202732	0.1805	12.7276

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report P2 b cal 2

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.601	32280	142754	0.2261	10.2800
Norpropoxyphene	Norpropoxyphene-D5	7.785	6784	37383	0.1815	10.5167

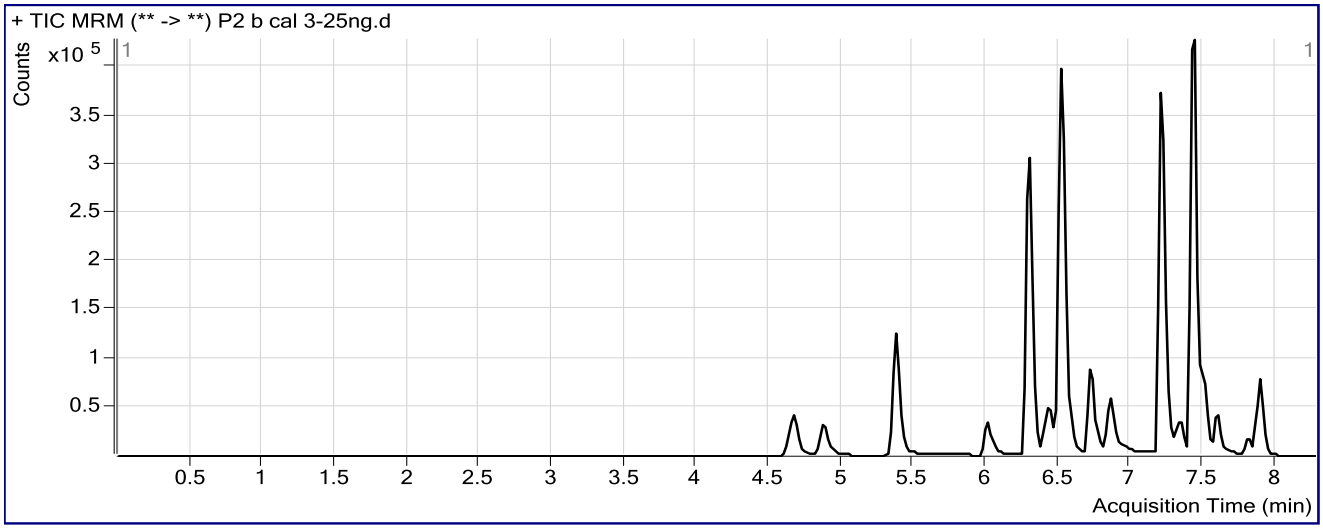
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.		
Analysis Time	5/22/2018 8:19 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:37 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:19 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 16:14	**Data File**	P2 b cal 3-25ng.d
Sample Type	Calibration	**Sample Name**	P2 b cal 3-25ng.d
Dilution	1	**Acq Method**	MDQ Panel 2b 2-22-18.m
Position	P1-C5	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.680	94283	71146	1.3252	25.1357
MDMA	MDMA-D6	4.874	73497	18237	4.0300	22.8907
MDEA	MDEA-D6	5.369	129759	293591	0.4420	22.8920
Primidone	MDEA-D6	6.025	59921	293591	0.2041	26.4811
Tapentadol	Tapentadol-D3	6.304	429981	552893	0.7777	24.2668
Meperidine	Meperidine-D4	6.437	50669	105124	0.4820	23.6177
Normeperidine	Normeperidine-D4	6.523	104257	114391	0.9114	23.3428
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.536	383422	800118	0.4792	26.2870
Pentazocine	Pentazocine-13C3	6.716	77822	165883	0.4691	24.9455
Phencyclidine	Phencydlidine-D5	6.867	59231	134477	0.4405	24.7346
Zaleplon	Zaleplon-D4	7.202	415555	389736	1.0662	24.9844
Flurazepam	Propoxyphene-D11	7.193	75995	25205	3.0150	26.7150
Phenytoin	Phenytoin-D10	7.250	29361	46415	0.6326	23.6179
Verapamil	Propoxyphene-D11	7.313	60261	25205	2.3908	24.1146
Amoxapine	Zaleplon-D4	7.401	22108	389736	0.0567	6.3605
Flunitrazepam	Flunitrazepam-D7	7.421	523454	250585	2.0889	26.5461
Propoxyphene	Propoxyphene-D11	7.437	73518	25205	2.9168	24.0482
Imipramine	Imipramine-D3	7.429	49541	91173	0.5434	25.6187
Desipramine	Desipramine-D3	7.451	62029	112379	0.5520	25.4583
Trimipramine	Trimipramine-D3	7.507	38255	94428	0.4051	24.0262

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report P2 b cal 3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.601	34169	60536	0.5644	24.7395
Norpropoxyphene	Norpropoxyphene-D5	7.785	13952	35142	0.3970	22.7983

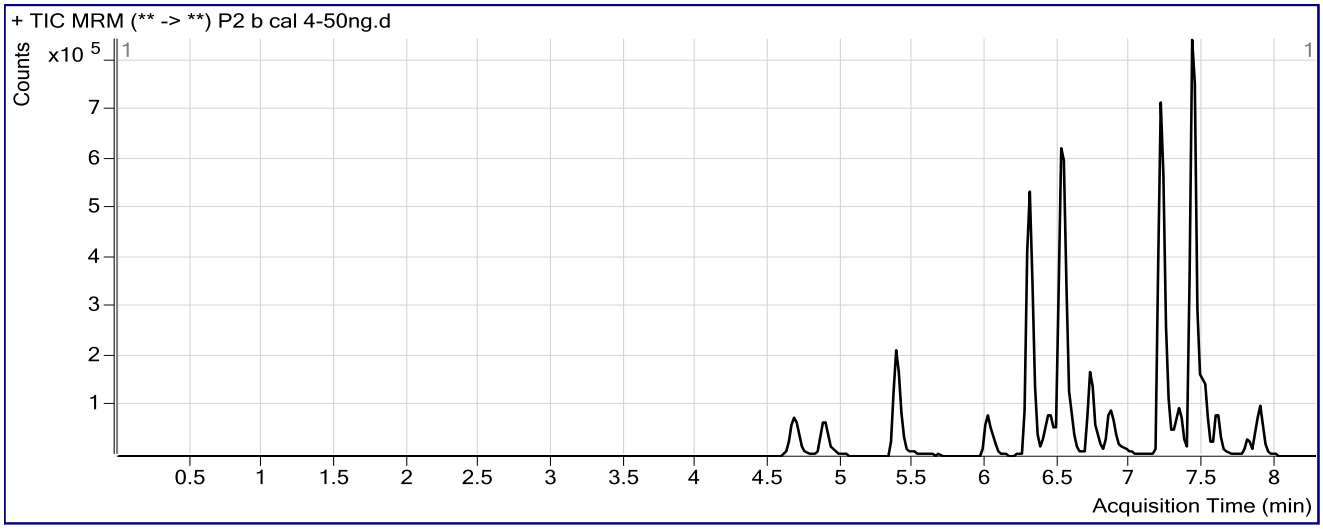
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.		
Analysis Time	5/22/2018 8:19 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:37 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:19 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 16:30	**Data File**	P2 b cal 4-50ng.d
Sample Type	Calibration	**Sample Name**	P2 b cal 4-50ng.d
Dilution	1	**Acq Method**	MDQ Panel 2b 2-22-18.m
Position	P1-D5	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.680	222228	84771	2.6215	49.5821
MDMA	MDMA-D6	4.874	187580	21073	8.9014	48.9195
MDEA	MDEA-D6	5.369	333852	339860	0.9823	48.9338
Primidone	MDEA-D6	6.025	147808	339860	0.4349	55.2972
Tapentadol	Tapentadol-D3	6.304	969377	628248	1.5430	46.7284
Meperidine	Meperidine-D4	6.437	122109	122290	0.9985	47.0145
Normeperidine	Normeperidine-D4	6.523	267082	135516	1.9708	49.8166
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.536	875485	926388	0.9451	51.9670
Pentazocine	Pentazocine-13C3	6.716	193592	213938	0.9049	46.7965
Phencyclidine	Phencydlidine-D5	6.867	143346	160502	0.8931	46.3352
Zaleplon	Zaleplon-D4	7.202	934112	433209	2.1563	46.4387
Flurazepam	Propoxyphene-D11	7.193	184189	29751	6.1910	52.8490
Phenytoin	Phenytoin-D10	7.250	74282	51614	1.4392	45.9146
Verapamil	Propoxyphene-D11	7.313	164149	29751	5.5174	53.0654
Amoxapine	Zaleplon-D4	7.401	62106	433209	0.1434	39.0599
Flunitrazepam	Flunitrazepam-D7	7.421	1063108	263508	4.0344	49.4667
Propoxyphene	Propoxyphene-D11	7.417	199101	29751	6.6922	54.4102
Imipramine	Imipramine-D3	7.429	136938	121432	1.1277	52.5107
Desipramine	Desipramine-D3	7.451	161998	154150	1.0509	46.3789
Trimipramine	Trimipramine-D3	7.507	103146	129776	0.7948	43.6274

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report P2 b cal 4

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.580	93070	79903	1.1648	50.3987
Norpropoxyphene	Norpropoxyphene-D5	7.785	38292	47566	0.8050	46.0452

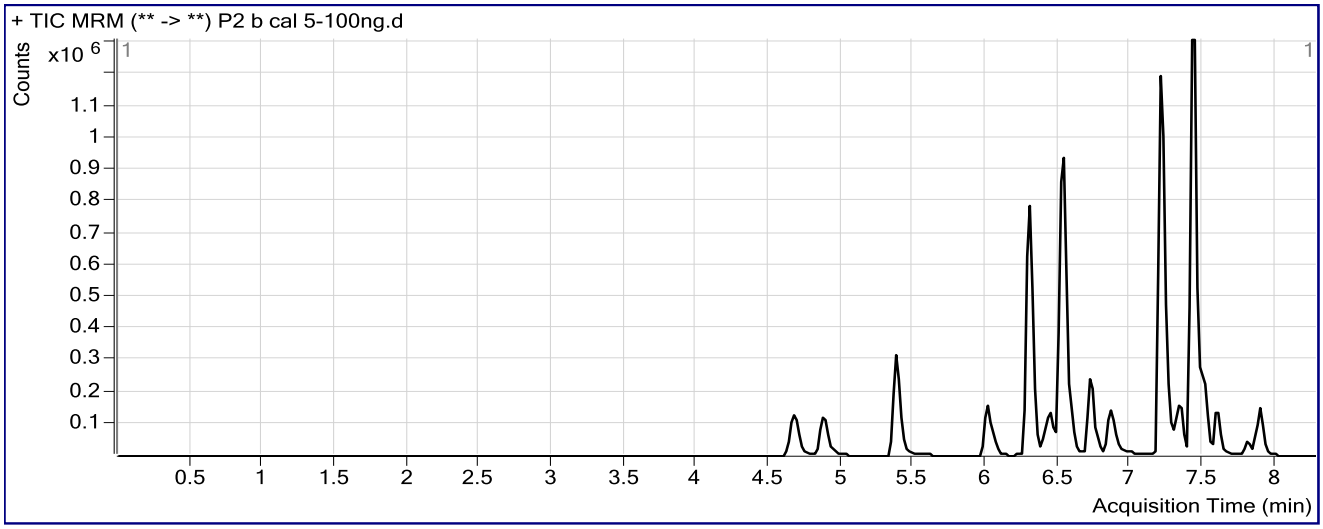
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.		
Analysis Time	5/22/2018 8:19 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:37 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:19 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 17:01	**Data File**	P2 b cal 5-100ng.d
Sample Type	Calibration	**Sample Name**	P2 b cal 5-100ng.d
Dilution	1	**Acq Method**	MDQ Panel 2b 2-22-18.m
Position	P1-E5	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.680	379990	72115	5.2692	99.5140
MDMA	MDMA-D6	4.874	330359	18518	17.8398	96.6792
MDEA	MDEA-D6	5.369	568725	302911	1.8775	92.0777
Primidone	MDEA-D6	6.025	278886	302911	0.9207	115.9450
Tapentadol	Tapentadol-D3	6.304	1760939	553322	3.1825	94.8485
Meperidine	Meperidine-D4	6.437	236322	112831	2.0945	96.6576
Normeperidine	Normeperidine-D4	6.523	487786	121026	4.0304	101.2826
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.536	1663984	896989	1.8551	102.1324
Pentazocine	Pentazocine-13C3	6.716	340100	190386	1.7864	90.9976
Phencyclidine	Phencydlidine-D5	6.867	281956	139376	2.0230	100.2515
Zaleplon	Zaleplon-D4	7.202	1736068	393983	4.4065	90.7283
Flurazepam	Propoxyphene-D11	7.193	351105	29350	11.9627	100.3438
Phenytoin	Phenytoin-D10	7.250	141026	48860	2.8863	85.9176
Verapamil	Propoxyphene-D11	7.313	300497	29350	10.2384	96.7805
Amoxapine	Zaleplon-D4	7.401	112603	393983	0.2858	92.8224
Flunitrazepam	Flunitrazepam-D7	7.421	1879131	234103	8.0270	96.5038
Propoxyphene	Propoxyphene-D11	7.437	360668	29350	12.2885	99.4165
Imipramine	Imipramine-D3	7.429	244901	121080	2.0226	93.6984
Desipramine	Desipramine-D3	7.451	309711	142864	2.1679	93.2123
Trimipramine	Trimipramine-D3	7.507	210154	113356	1.8539	96.9033

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report P2 b cal 5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.580	178874	77782	2.2997	98.9050
Norpropoxyphene	Norpropoxyphene-D5	7.785	78162	46135	1.6942	96.7080

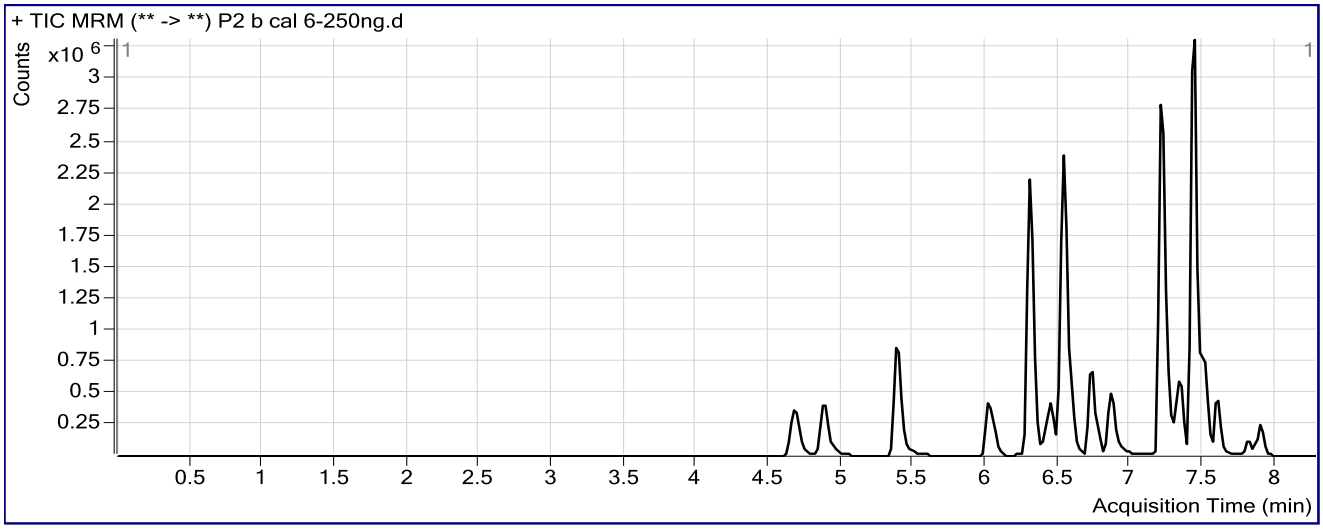
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.		
Analysis Time	5/22/2018 8:19 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:37 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:19 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 17:33	**Data File**	P2 b cal 6-250ng.d
Sample Type	Calibration	**Sample Name**	P2 b cal 6-250ng.d
Dilution	1	**Acq Method**	MDQ Panel 2b 2-22-18.m
Position	P1-F5	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.680	1239769	86305	14.3649	271.0448
MDMA	MDMA-D6	4.894	1087176	23521	46.2223	248.3330
MDEA	MDEA-D6	5.393	2007610	384968	5.2150	252.9246
Primidone	MDEA-D6	6.025	757556	384968	1.9678	246.6791
Tapentadol	Tapentadol-D3	6.304	5483788	677161	8.0982	239.1269
Meperidine	Meperidine-D4	6.437	799668	153411	5.2126	237.8982
Normeperidine	Normeperidine-D4	6.543	1558936	151182	10.3117	258.2420
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.536	4629652	1047909	4.4180	243.4139
Pentazocine	Pentazocine-13C3	6.736	1198775	254382	4.7125	237.7261
Phencyclidine	Phencydlidine-D5	6.867	1002849	211218	4.7479	230.2830
Zaleplon	Zaleplon-D4	7.202	4321689	369105	11.7086	234.4526
Flurazepam	Propoxyphene-D11	7.193	1274157	45998	27.7004	229.8470
Phenytoin	Phenytoin-D10	7.250	394647	44482	8.8720	251.3753
Verapamil	Propoxyphene-D11	7.313	1120520	45998	24.3603	227.5447
Amoxapine	Zaleplon-D4	7.401	297385	369105	0.8057	289.0404
Flunitrazepam	Flunitrazepam-D7	7.441	3719322	185234	20.0791	238.4938
Propoxyphene	Propoxyphene-D11	7.437	1379790	45998	29.9969	241.8295
Imipramine	Imipramine-D3	7.429	951561	164094	5.7989	267.4910
Desipramine	Desipramine-D3	7.451	1056427	179558	5.8835	249.0047
Trimipramine	Trimipramine-D3	7.507	811134	178345	4.5481	232.4244

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report P2 b cal 6

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.601	655896	115635	5.6721	243.0430
Norpropoxyphene	Norpropoxyphene-D5	7.805	254283	57965	4.3868	250.1237

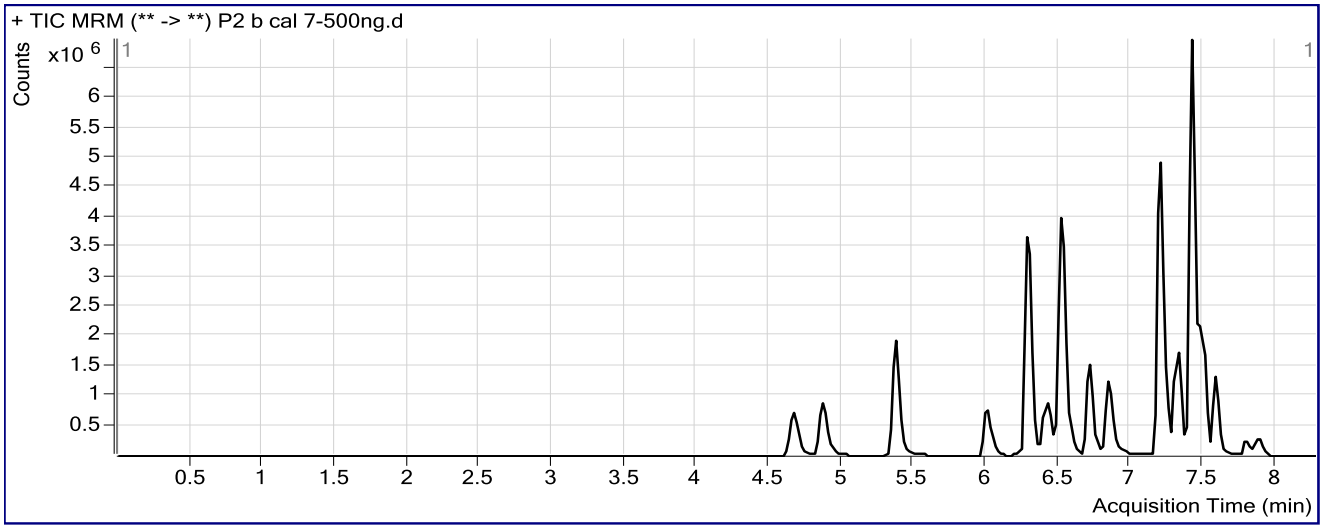
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.		
Analysis Time	5/22/2018 8:19 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:37 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:19 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 18:04	**Data File**	P2 b cal 7-500ng.d
Sample Type	Calibration	**Sample Name**	P2 b cal 7-500ng.d
Dilution	1	**Acq Method**	MDQ Panel 2b 2-22-18.m
Position	P1-G5	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.680	2232139	78483	28.4411	536.5008
MDMA	MDMA-D6	4.874	2334883	23019	101.4319	543.3296
MDEA	MDEA-D6	5.369	4427153	413161	10.7153	518.0084
Primidone	MDEA-D6	6.025	1413095	413161	3.4202	428.0024
Tapentadol	Tapentadol-D3	6.284	10205639	590071	17.2956	509.0748
Meperidine	Meperidine-D4	6.416	1763828	164480	10.7236	487.5302
Normeperidine	Normeperidine-D4	6.523	2944672	142551	20.6569	516.7555
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.536	8475378	935468	9.0600	499.3087
Pentazocine	Pentazocine-13C3	6.716	2877490	275313	10.4517	525.5152
Phencyclidine	Phencydlidine-D5	6.847	2597143	247559	10.4910	504.3363
Zaleplon	Zaleplon-D4	7.202	7141911	291290	24.5182	486.5793
Flurazepam	Propoxyphene-D11	7.173	3014277	57255	52.6468	435.1263
Phenytoin	Phenytoin-D10	7.250	694310	40922	16.9666	475.1304
Verapamil	Propoxyphene-D11	7.313	3330737	57255	58.1740	540.6481
Amoxapine	Zaleplon-D4	7.381	602487	291290	2.0683	765.5970
Flunitrazepam	Flunitrazepam-D7	7.421	4982455	130887	38.0668	450.4127
Propoxyphene	Propoxyphene-D11	7.417	3725684	57255	65.0721	523.9077
Imipramine	Imipramine-D3	7.429	2649499	235346	11.2579	518.7282
Desipramine	Desipramine-D3	7.451	2763296	243012	11.3710	479.0925
Trimipramine	Trimipramine-D3	7.487	2494610	269288	9.2637	469.6258

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

P2 b cal 7

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.580	2043855	172988	11.8150	505.5922
Norpropoxyphene	Norpropoxyphene-D5	7.785	583038	59510	9.7973	558.3962

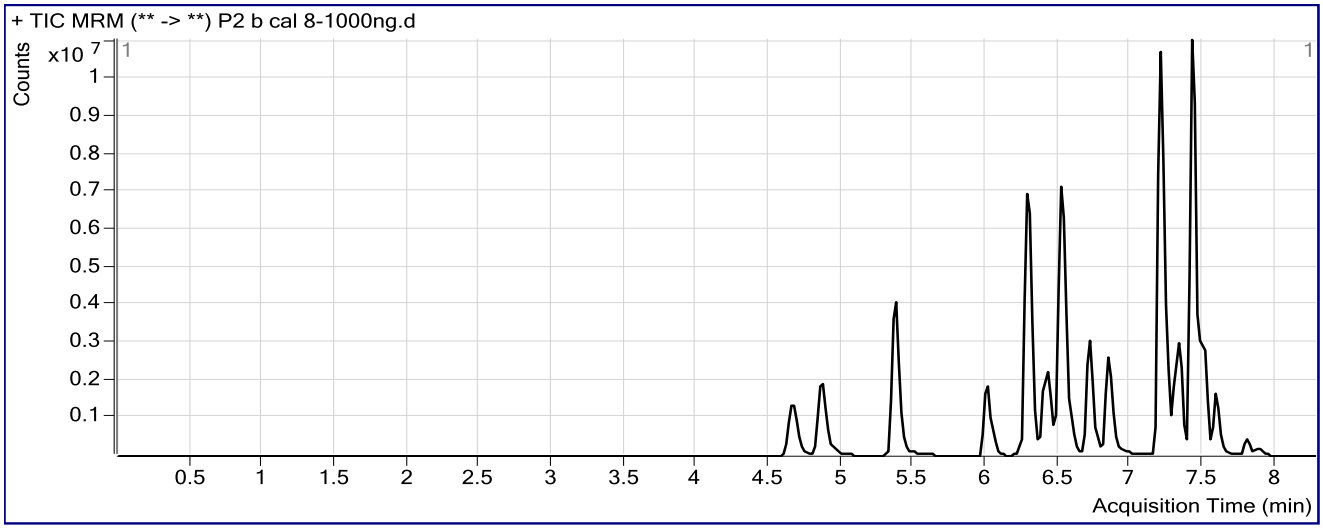
ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2018\MD Quant\051018 MDQ P1 P2 SP\QuantResults\051018 MDQP2b wklst 2392.batch.		
Analysis Time	5/22/2018 8:19 AM	**Analyst Name**	ISPUser
Report Time	5/22/2018 8:38 AM	**Reporter Name**	ISPUser
Last Calib Update	5/22/2018 8:19 AM	**Batch State**	Processed

Analysis Info

Acq Time	2018-05-10 18:36	**Data File**	P2 b cal 8-1000ng.d
Sample Type	Calibration	**Sample Name**	P2 b cal 8-1000ng.d
Dilution	1	**Acq Method**	MDQ Panel 2b 2-22-18.m
Position	P1-H5	**Sample Info**	
Inj Vol	-1	**Comment**	AM 28-Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
MDA	MDA-D5	4.660	4670736	93325	50.0481	943.9752
MDMA	MDMA-D6	4.874	5459150	30292	180.2174	964.2971
MDEA	MDEA-D6	5.369	10264058	500753	20.4972	989.4409
Primidone	MDEA-D6	6.025	3412272	500753	6.8143	851.7428
Tapentadol	Tapentadol-D3	6.284	20483695	596111	34.3622	1009.9869
Meperidine	Meperidine-D4	6.416	4471665	196732	22.7298	1031.3677
Normeperidine	Normeperidine-D4	6.503	5344277	136937	39.0272	975.8032
7-aminoflunitrazepam	7-aminoflunitrazepam-D7	6.536	16235359	975600	16.6414	917.2339
Pentazocine	Pentazocine-13C3	6.716	5806428	257525	22.5470	1132.0259
Phencyclidine	Phencydlidine-D5	6.847	5313174	250038	21.2495	1017.7207
Zaleplon	Zaleplon-D4	7.202	15929195	302726	52.6192	1039.6774
Flurazepam	Propoxyphene-D11	7.193	6939383	52961	131.0273	1080.1065
Phenytoin	Phenytoin-D10	7.250	1788441	47807	37.4096	1040.2261
Verapamil	Propoxyphene-D11	7.313	5752973	52961	108.6258	1007.8152
Amoxapine	Zaleplon-D4	7.401	858368	302726	2.8355	1055.1286
Flunitrazepam	Flunitrazepam-D7	7.421	8755643	97224	90.0562	1062.9162
Propoxyphene	Propoxyphene-D11	7.417	6461760	52961	122.0089	981.8002
Imipramine	Imipramine-D3	7.429	3915345	186303	21.0161	967.8249
Desipramine	Desipramine-D3	7.451	4365691	178036	24.5215	1030.4805
Trimipramine	Trimipramine-D3	7.507	3643923	174231	20.9143	1055.6654

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report P2 b cal 8

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clomipramine	Clomipramine-D3	7.580	2442315	104237	23.4305	1002.0415
Norpropoxyphene	Norpropoxyphene-D5	7.785	1083030	59855	18.0941	1031.1248