

REVIEWED

By Britany Wylie at 2:31 pm, Feb 27, 2019

2/21/2019

g

**Worklist: 2967**

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
M2019-0795	3	142263	AM 13 Urine LCMS-QQQ Benzodiazepines and ;
M2019-0816	4	142264	AM 13 Urine LCMS-QQQ Benzodiazepines and ;
P2019-0554	1	142265	AM 13 Urine LCMS-QQQ Benzodiazepines and ;

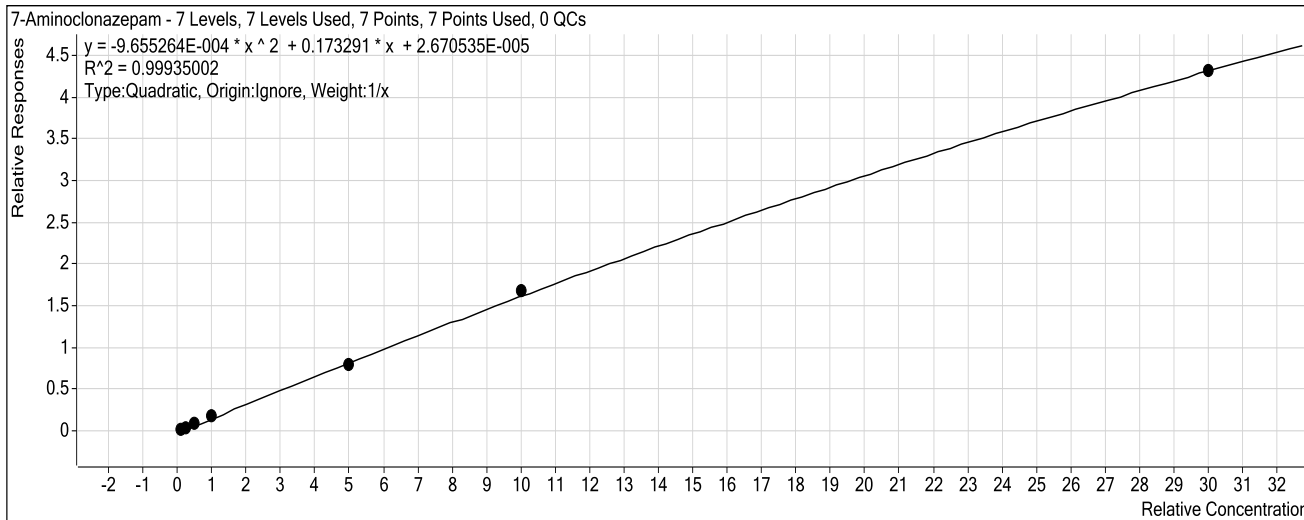


# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS.batch.bin  
**Last Calib Update** 2/22/2019 12:28 PM **Analyst Name** ISP TOX

**Target Compound** 7-Aminoclonazepam  
**Internal Standard** 7-Aminoflunitrazepam-D7 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	9.6	96.3
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.5	102.0
50 ng/mL	3	<input checked="" type="checkbox"/>	50	50.0	100.0
100 ng/mL	4	<input checked="" type="checkbox"/>	100	104.4	104.4
500 ng/mL	5	<input checked="" type="checkbox"/>	500	472.9	94.6
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1028.7	102.9
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2993.4	99.8

# ISP Forensics Calibration Curve Report

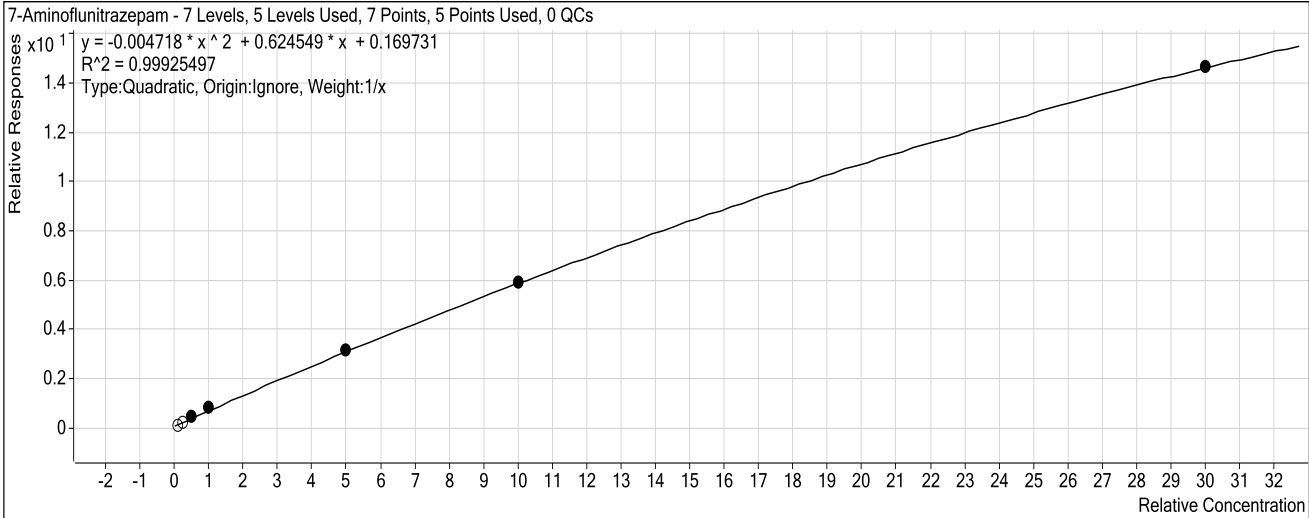
Cutoff for this compound for  
this run is 50ng/mL.

CS

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13  
worklist 2967 CS.batch.bin

**Last Calib Update** 2/22/2019 12:28 PM      **Analyst Name** ISP TOX

**Target Compound** 7-Aminoflunitrazepam  
**Internal Standard** 7-Aminoflunitrazepam-D7 ISTD



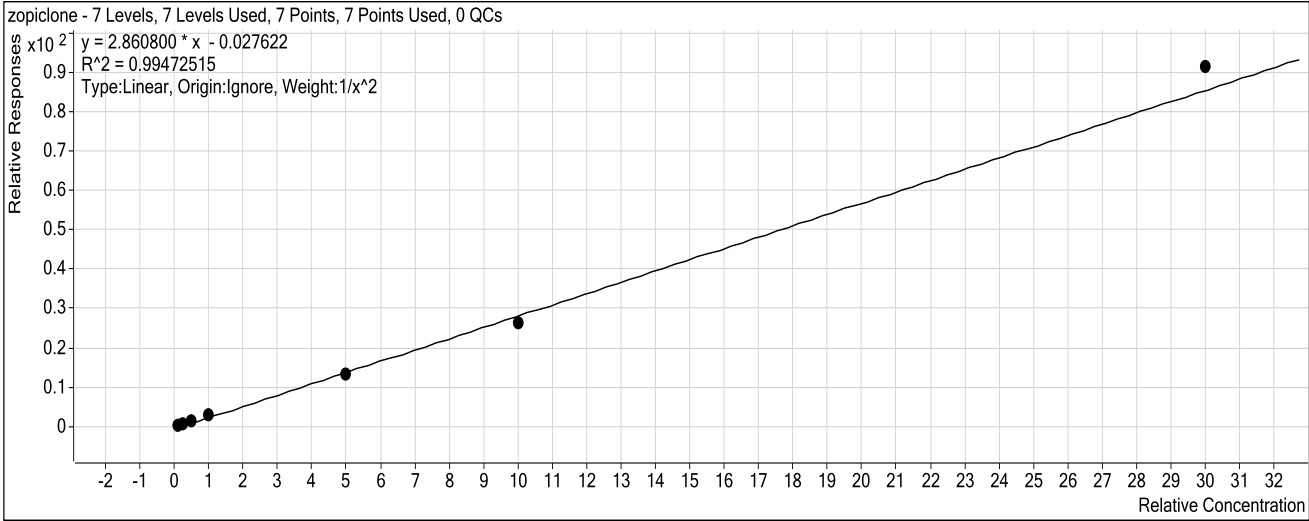
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input type="checkbox"/>	10	0.0	0.0
25 ng/mL	2	<input type="checkbox"/>	25	9.4	37.6
50 ng/mL	3	<input checked="" type="checkbox"/>	50	44.6	89.3
100 ng/mL	4	<input checked="" type="checkbox"/>	100	111.6	111.6
500 ng/mL	5	<input checked="" type="checkbox"/>	500	499.6	99.9
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	990.2	99.0
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3004.7	100.2

# ISP Forensics Calibration Curve Report

CJ

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS.batch.bin  
**Last Calib Update** 2/22/2019 12:28 PM **Analyst Name** ISP TOX

**Target Compound** zopiclone  
**Internal Standard** Nordiazepam-D5 ISTD



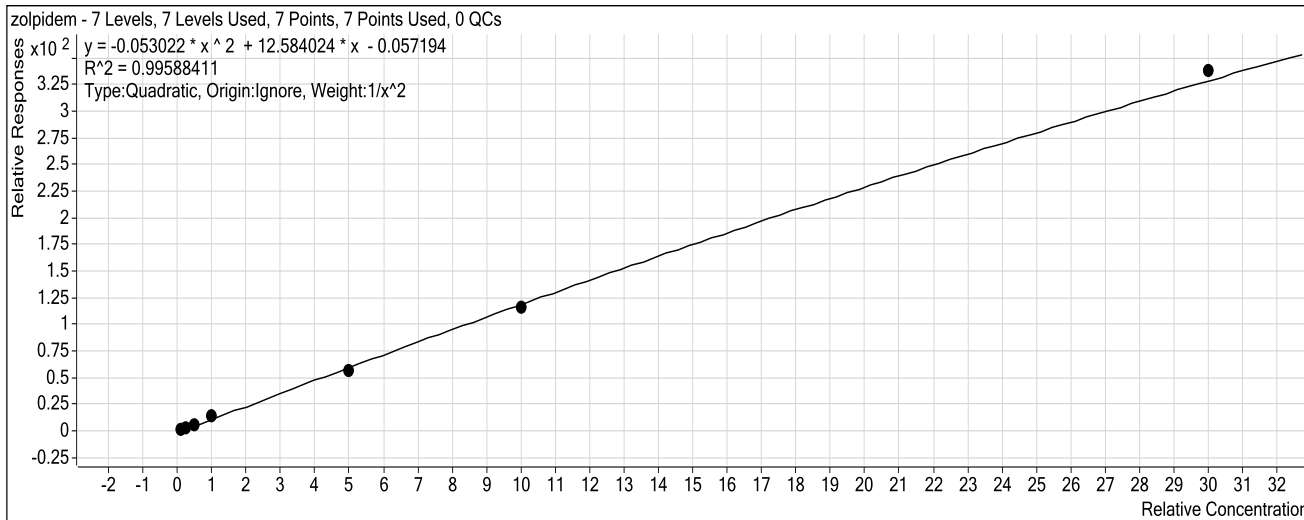
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	9.9	99.5
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.8	99.1
50 ng/mL	3	<input checked="" type="checkbox"/>	50	50.5	100.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	108.9	108.9
500 ng/mL	5	<input checked="" type="checkbox"/>	500	464.1	92.8
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	921.0	92.1
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3199.8	106.7

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS.batch.bin  
**Last Calib Update** 2/22/2019 12:28 PM **Analyst Name** ISP TOX

**Target Compound** zolpidem  
**Internal Standard** Nordiazepam-D5 ISTD



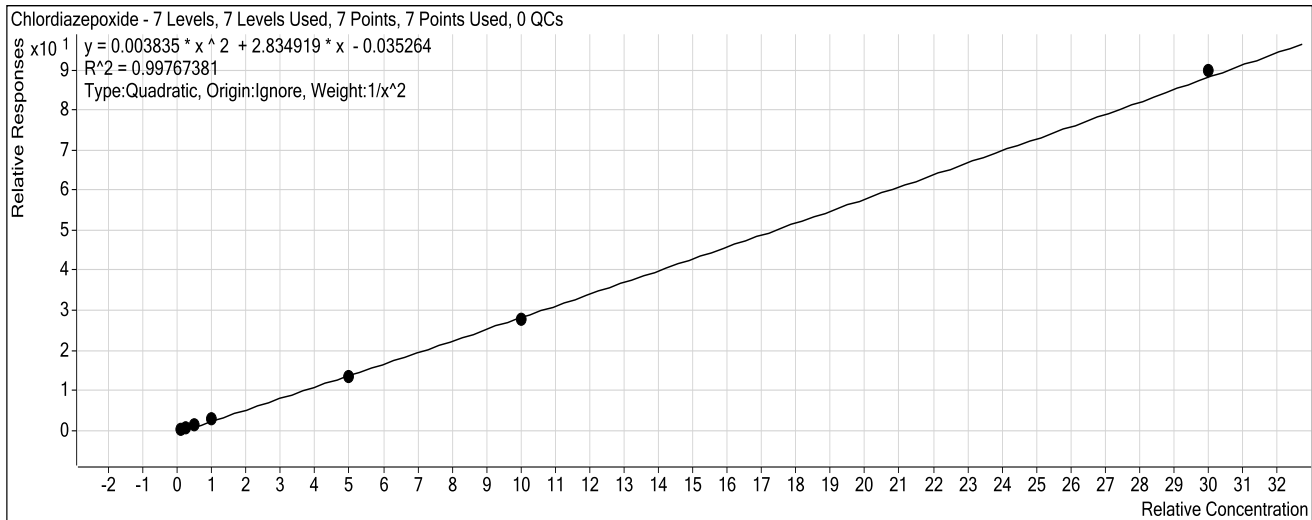
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ngmL	1	<input checked="" type="checkbox"/>	10	9.8	98.5
25 ngmL	2	<input checked="" type="checkbox"/>	25	25.3	101.4
50ngmL	3	<input checked="" type="checkbox"/>	50	50.8	101.7
100 ngmL	4	<input checked="" type="checkbox"/>	100	108.5	108.5
500ngmL	5	<input checked="" type="checkbox"/>	500	454.3	90.9
1000 ngmL	6	<input checked="" type="checkbox"/>	1000	962.5	96.3
3000 ngmL	7	<input checked="" type="checkbox"/>	3000	3092.6	103.1

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS.batch.bin  
**Last Calib Update** 2/22/2019 12:28 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.0	99.6
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.9	99.4
50 ng/mL	3	<input checked="" type="checkbox"/>	50	49.9	99.7
100 ng/mL	4	<input checked="" type="checkbox"/>	100	108.1	108.1
500 ng/mL	5	<input checked="" type="checkbox"/>	500	472.9	94.6
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	970.5	97.0
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3046.2	101.5

# ISP Forensics Calibration Curve Report

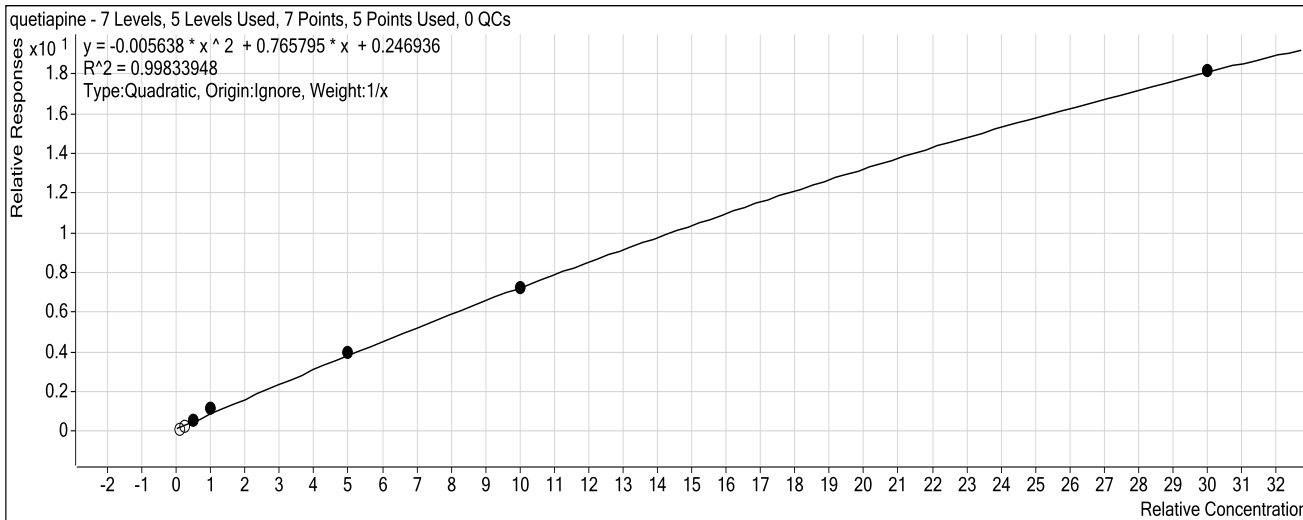
Cutoff for this compound for this run is 50 ng/mL.

CS

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS.batch.bin

**Last Calib Update** 2/22/2019 12:28 PM      **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input type="checkbox"/>	10	0.0	0.0
25 ng/mL	2	<input type="checkbox"/>	25	3.2	12.8
50 ng/mL	3	<input checked="" type="checkbox"/>	50	42.0	83.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	117.2	117.2
500 ng/mL	5	<input checked="" type="checkbox"/>	500	502.6	100.5
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	981.5	98.2
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3007.9	100.3

# ISP Forensics Calibration Curve Report

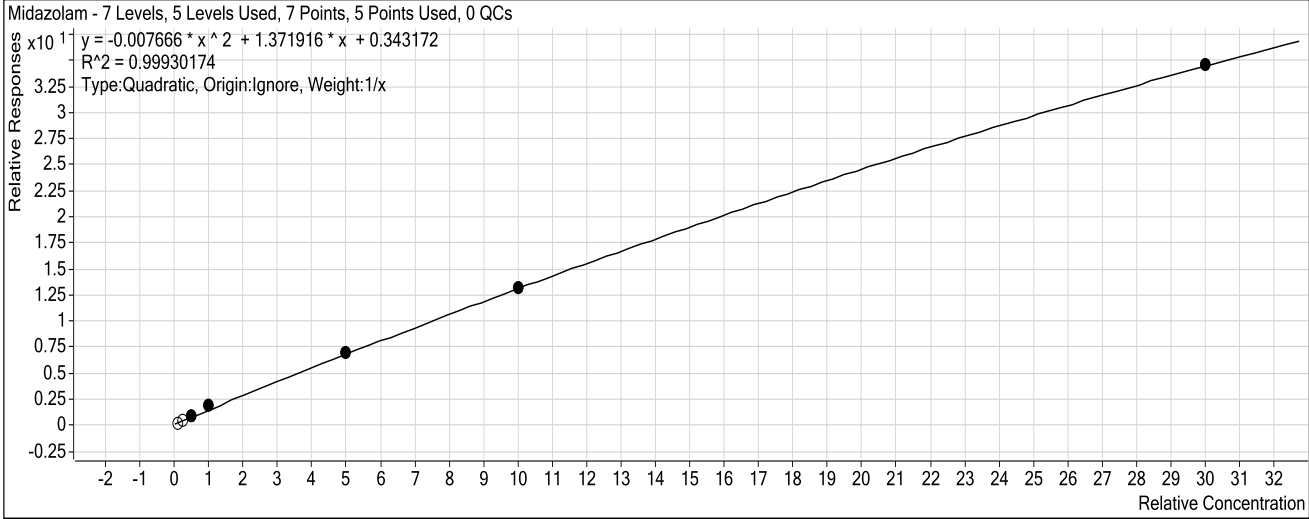
Cutoff for this compound for this run is 50ng/mL.

CS

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS.batch.bin

**Last Calib Update** 2/22/2019 12:28 PM      **Analyst Name** ISP TOX

**Target Compound** Midazolam  
**Internal Standard** Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input type="checkbox"/>	10	0.0	0.0
25 ng/mL	2	<input type="checkbox"/>	25	8.7	34.7
50 ng/mL	3	<input checked="" type="checkbox"/>	50	44.6	89.2
100 ng/mL	4	<input checked="" type="checkbox"/>	100	112.0	112.0
500 ng/mL	5	<input checked="" type="checkbox"/>	500	495.9	99.2
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	995.0	99.5
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3002.7	100.1

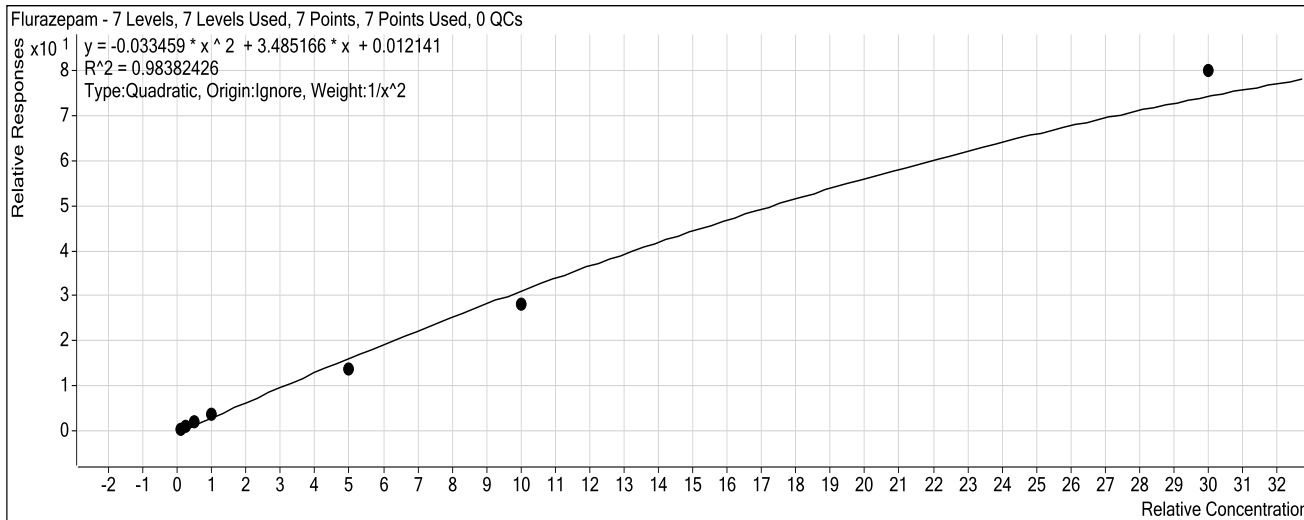


# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS.batch.bin  
**Last Calib Update** 2/22/2019 12:28 PM **Analyst Name** ISP TOX

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



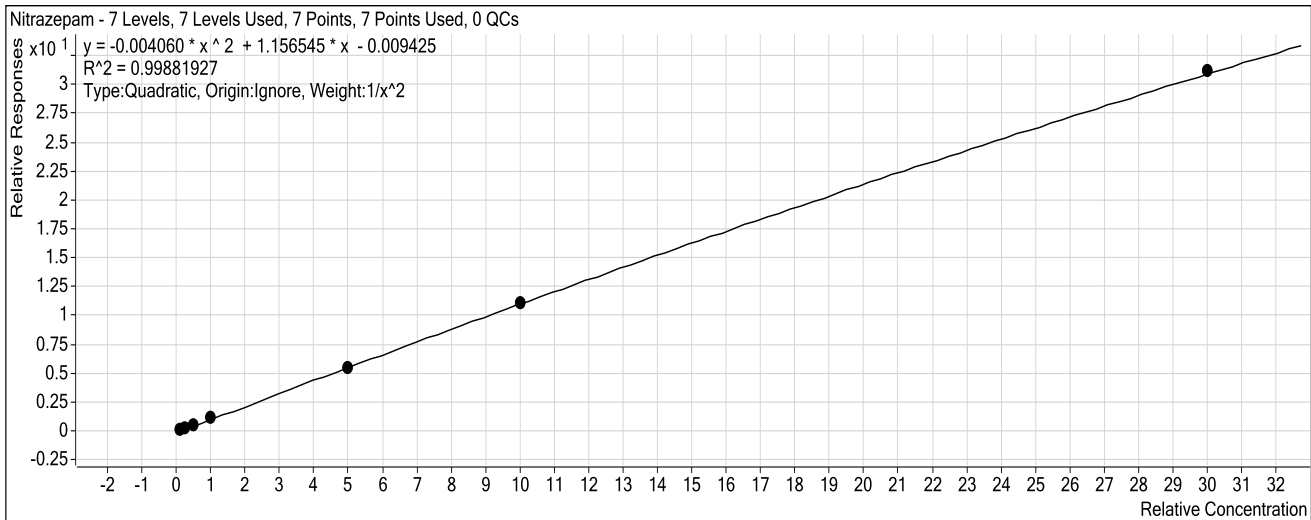
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	9.6	95.5
25 ng/mL	2	<input checked="" type="checkbox"/>	25	26.1	104.5
50 ng/mL	3	<input checked="" type="checkbox"/>	50	55.3	110.7
100 ng/mL	4	<input checked="" type="checkbox"/>	100	109.7	109.7
500 ng/mL	5	<input checked="" type="checkbox"/>	500	412.8	82.6
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	884.0	88.4
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3414.0	113.8

# ISP Forensics Calibration Curve Report

cg

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS.batch.bin  
**Last Calib Update** 2/22/2019 12:28 PM **Analyst Name** ISP TOX

**Target Compound** Nitrazepam  
**Internal Standard** Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.1	100.6
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.4	97.6
50 ng/mL	3	<input checked="" type="checkbox"/>	50	49.6	99.2
100 ng/mL	4	<input checked="" type="checkbox"/>	100	105.8	105.8
500 ng/mL	5	<input checked="" type="checkbox"/>	500	484.7	96.9
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	992.2	99.2
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3021.8	100.7

# ISP Forensics Calibration Curve Report

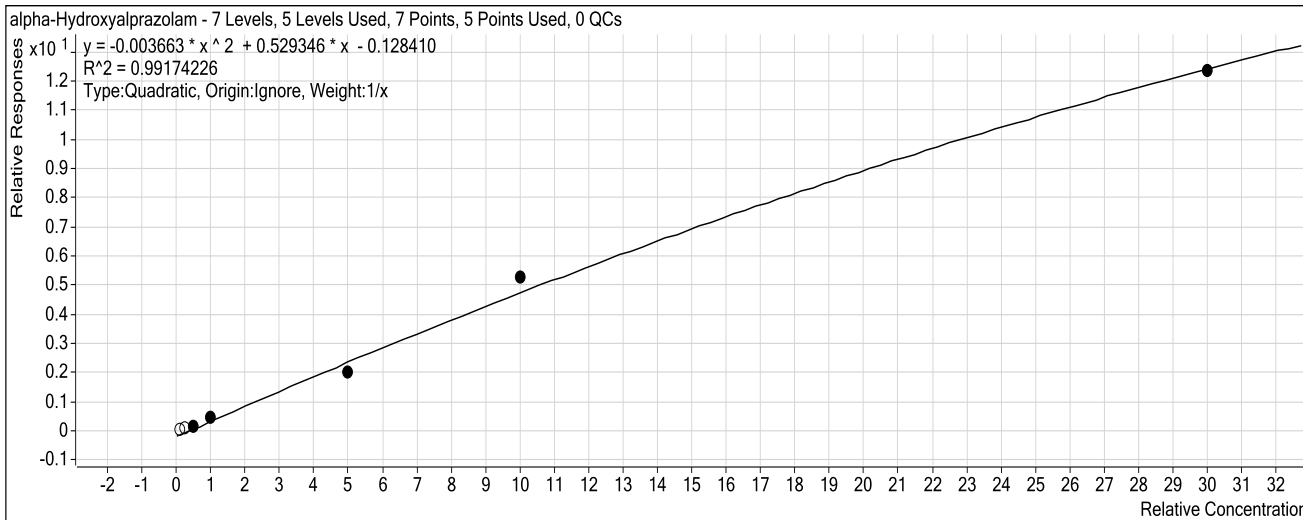
Cutoff for this compound  
for this run is 50ng/mL.

CS

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13  
worklist 2967 CS.batch.bin

**Last Calib Update** 2/22/2019 12:28 PM      **Analyst Name** ISP TOX

**Target Compound** *alpha-Hydroxyalprazolam*  
**Internal Standard** *alphahydroxyalprazolam-D5 ISTD*



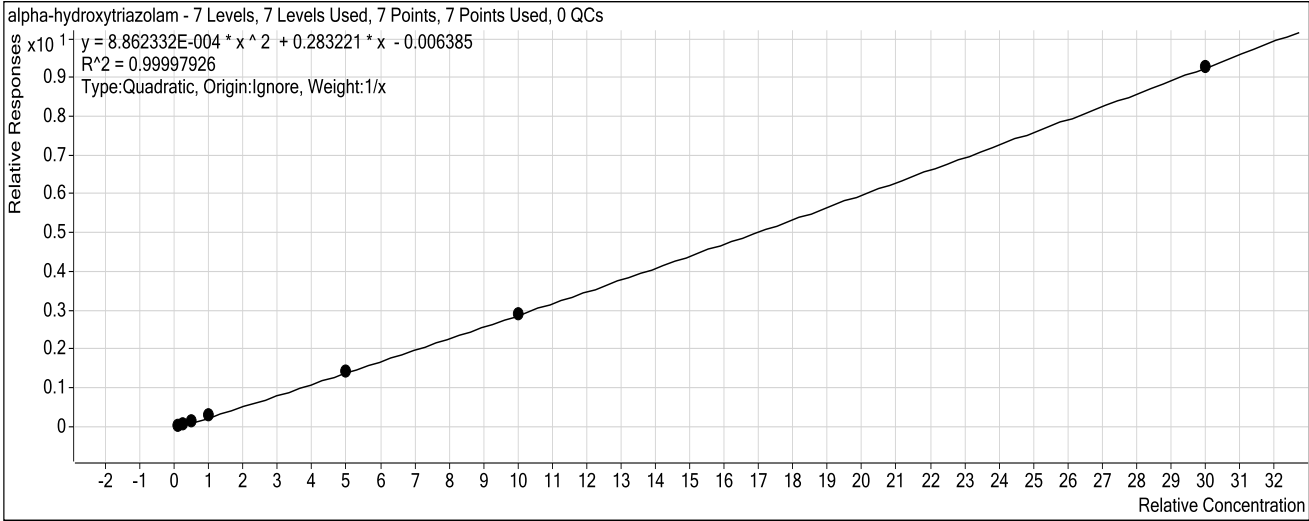
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input type="checkbox"/>	10	31.3	313.4
25 ng/mL	2	<input type="checkbox"/>	25	45.2	180.6
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.6	97.1
100 ng/mL	4	<input checked="" type="checkbox"/>	100	111.1	111.1
500 ng/mL	5	<input checked="" type="checkbox"/>	500	412.7	82.5
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1103.7	110.4
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2972.3	99.1

# ISP Forensics Calibration Curve Report

c

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS.batch.bin  
**Last Calib Update** 2/22/2019 12:28 PM **Analyst Name** ISP TOX

**Target Compound** *alpha-hydroxytriazolam*  
**Internal Standard** *Nordiazepam-D5 ISTD*



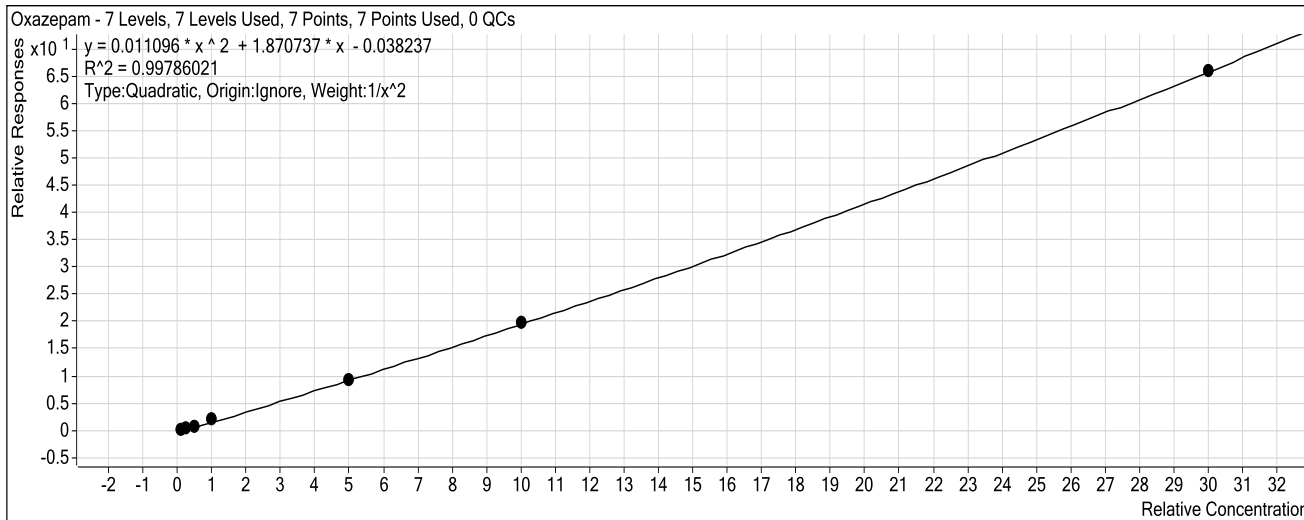
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.0	99.8
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.1	100.3
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.8	97.7
100 ng/mL	4	<input checked="" type="checkbox"/>	100	102.6	102.6
500 ng/mL	5	<input checked="" type="checkbox"/>	500	498.1	99.6
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1000.2	100.0
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3000.2	100.0

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS.batch.bin  
**Last Calib Update** 2/22/2019 12:28 PM **Analyst Name** ISP TOX

**Target Compound** Oxazepam  
**Internal Standard** Nordiazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.2	101.6
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.0	96.1
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.1	96.2
100 ng/mL	4	<input checked="" type="checkbox"/>	100	108.1	108.1
500 ng/mL	5	<input checked="" type="checkbox"/>	500	485.6	97.1
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1009.2	100.9
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2999.6	100.0

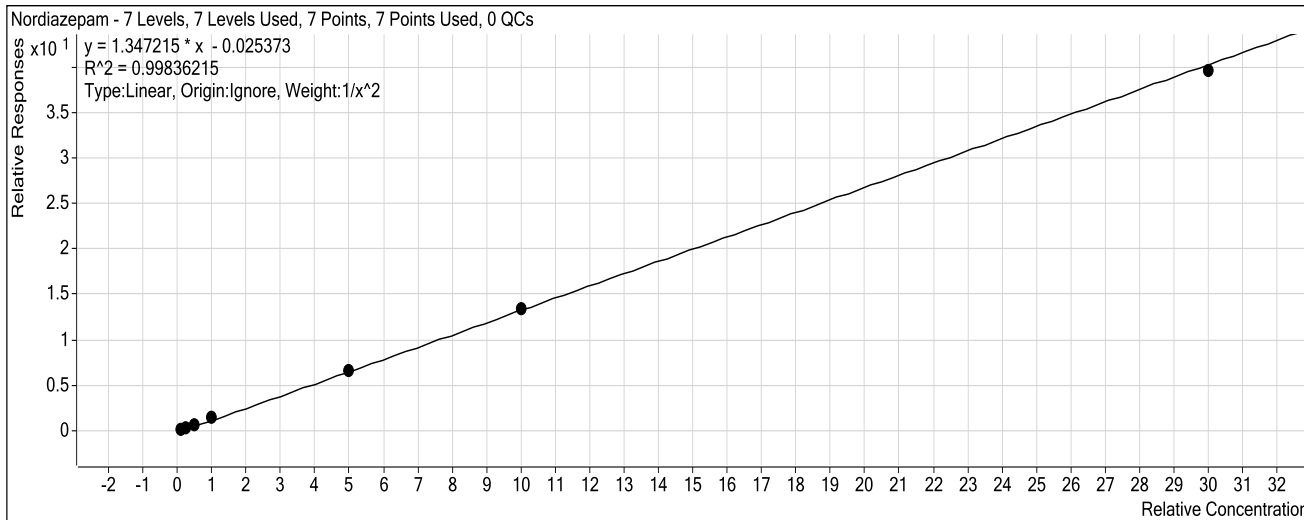
# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13  
worklist 2967 CS.batch.bin

**Last Calib Update** 2/22/2019 12:28 PM      **Analyst Name** ISP TOX

**Target Compound** Nordiazepam  
**Internal Standard** Nordiazepam-D5 ISTD



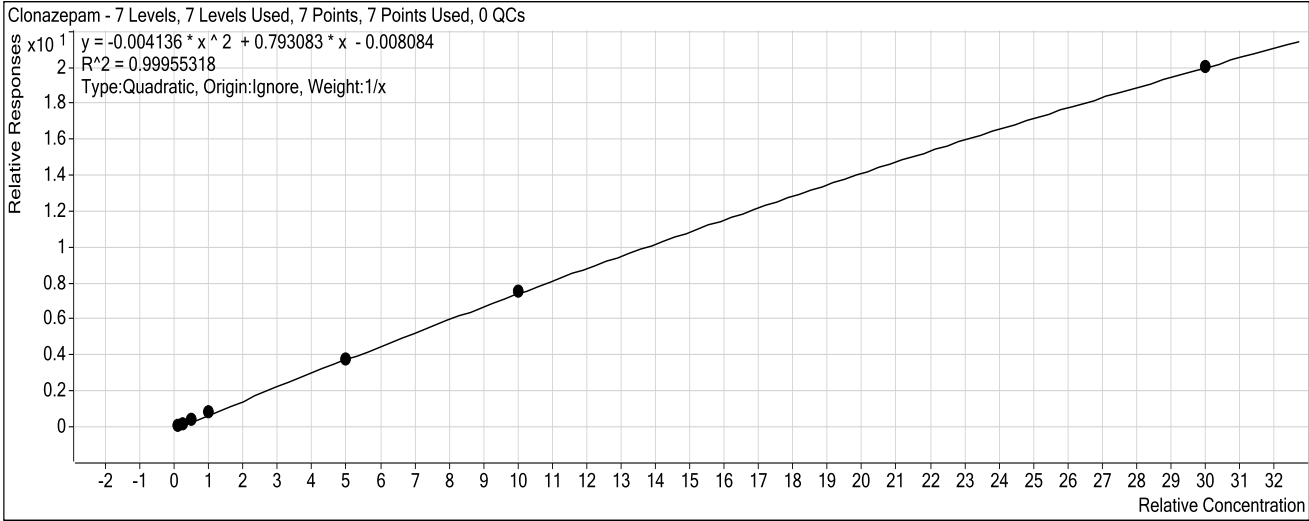
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.1	100.9
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.0	96.2
50 ng/mL	3	<input checked="" type="checkbox"/>	50	49.9	99.8
100 ng/mL	4	<input checked="" type="checkbox"/>	100	107.2	107.2
500 ng/mL	5	<input checked="" type="checkbox"/>	500	491.7	98.3
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	994.4	99.4
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2943.7	98.1

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS.batch.bin  
**Last Calib Update** 2/22/2019 12:28 PM **Analyst Name** ISP TOX

**Target Compound** Clonazepam  
**Internal Standard** Clonazepam-D4 ISTD



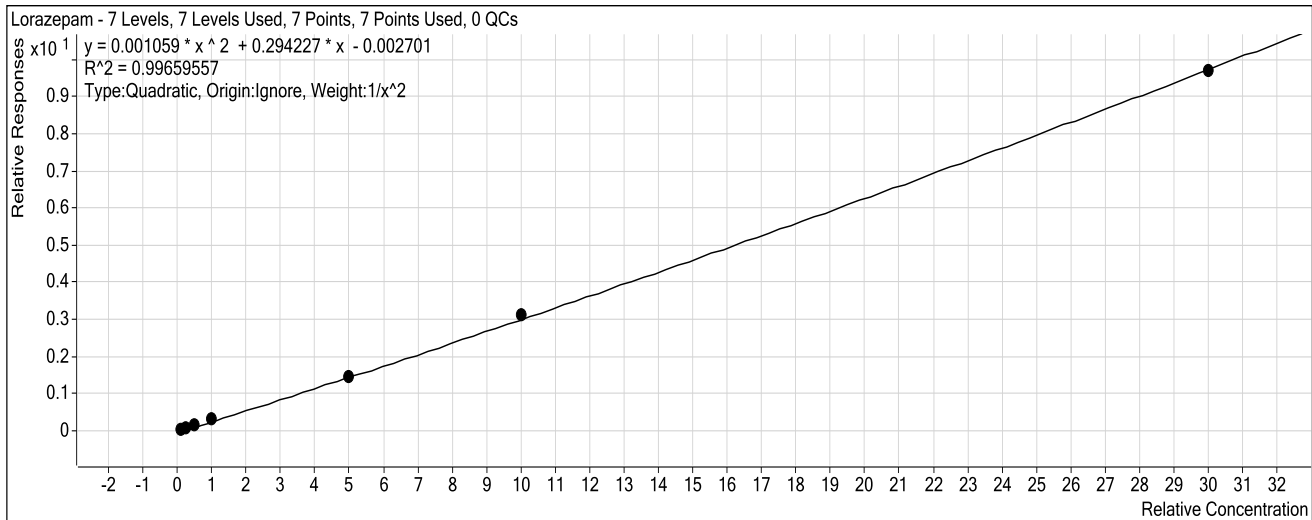
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	9.1	90.6
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.9	103.5
50 ng/mL	3	<input checked="" type="checkbox"/>	50	49.4	98.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	109.6	109.6
500 ng/mL	5	<input checked="" type="checkbox"/>	500	483.8	96.8
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1007.2	100.7
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3000.2	100.0

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS.batch.bin  
**Last Calib Update** 2/22/2019 12:28 PM **Analyst Name** ISP TOX

**Target Compound** Lorazepam  
**Internal Standard** Nordiazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.3	103.1
25 ng/mL	2	<input checked="" type="checkbox"/>	25	22.9	91.7
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.4	96.8
100 ng/mL	4	<input checked="" type="checkbox"/>	100	108.3	108.3
500 ng/mL	5	<input checked="" type="checkbox"/>	500	492.0	98.4
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1021.7	102.2
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2983.6	99.5

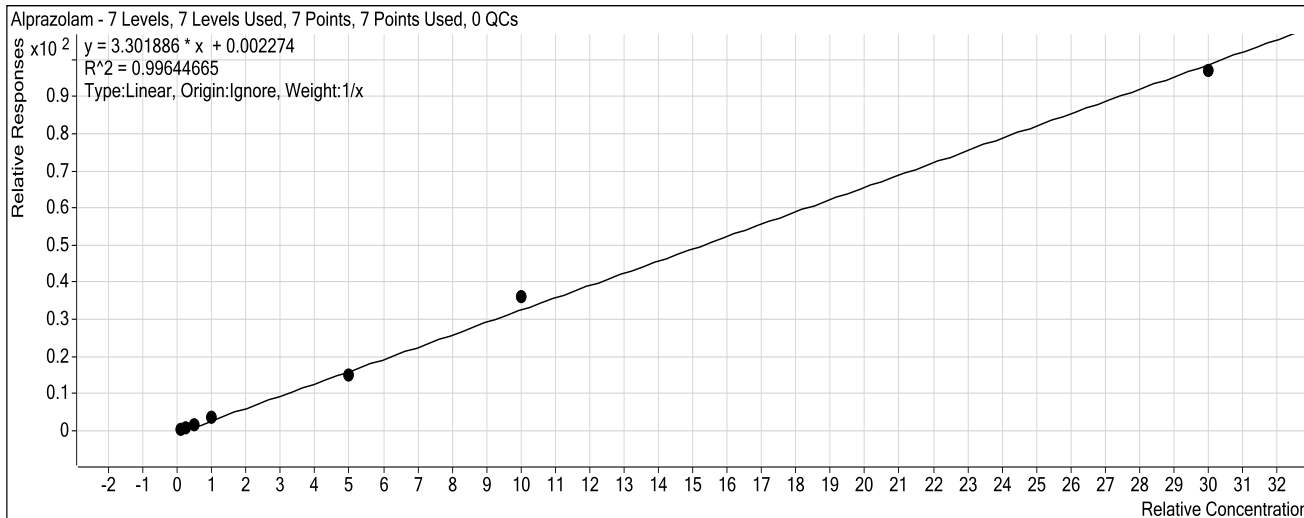


# ISP Forensics Calibration Curve Report

2

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS.batch.bin  
**Last Calib Update** 2/22/2019 12:28 PM **Analyst Name** ISP TOX

**Target Compound** Alprazolam  
**Internal Standard** alphahydroxyalprazolam-D5 ISTD



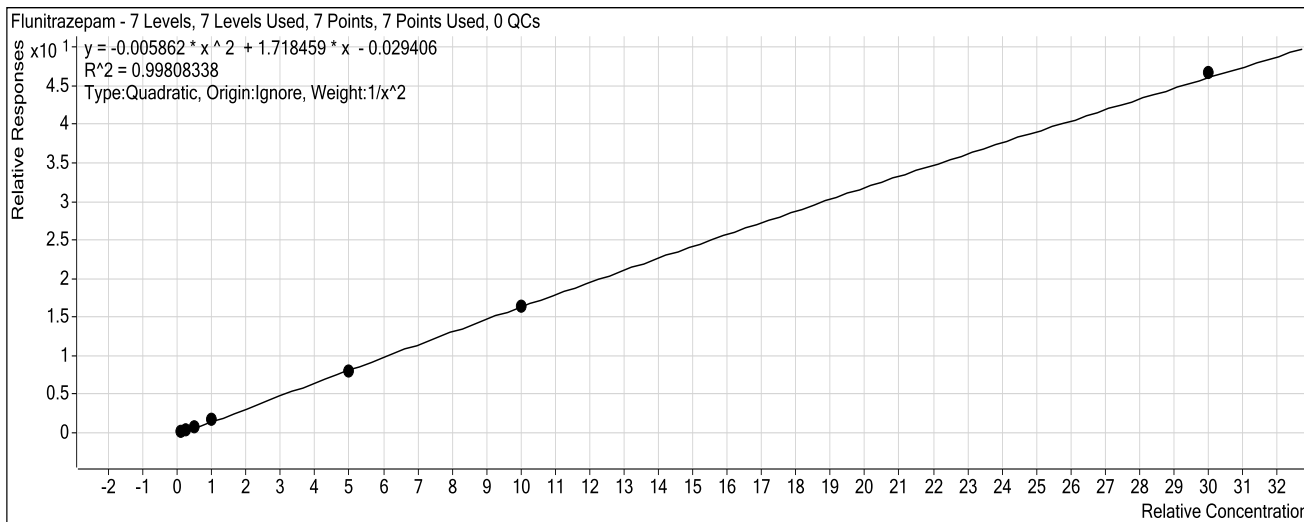
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	8.6	86.3
25 ng/mL	2	<input checked="" type="checkbox"/>	25	26.5	105.9
50 ng/mL	3	<input checked="" type="checkbox"/>	50	51.0	101.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	107.5	107.5
500 ng/mL	5	<input checked="" type="checkbox"/>	500	453.8	90.8
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1097.0	109.7
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2940.7	98.0

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS.batch.bin  
**Last Calib Update** 2/22/2019 12:28 PM **Analyst Name** ISP TOX

**Target Compound** Flunitrazepam  
**Internal Standard** Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.0	100.3
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.4	97.5
50 ng/mL	3	<input checked="" type="checkbox"/>	50	50.4	100.7
100 ng/mL	4	<input checked="" type="checkbox"/>	100	106.8	106.8
500 ng/mL	5	<input checked="" type="checkbox"/>	500	473.4	94.7
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	987.6	98.8
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3038.7	101.3

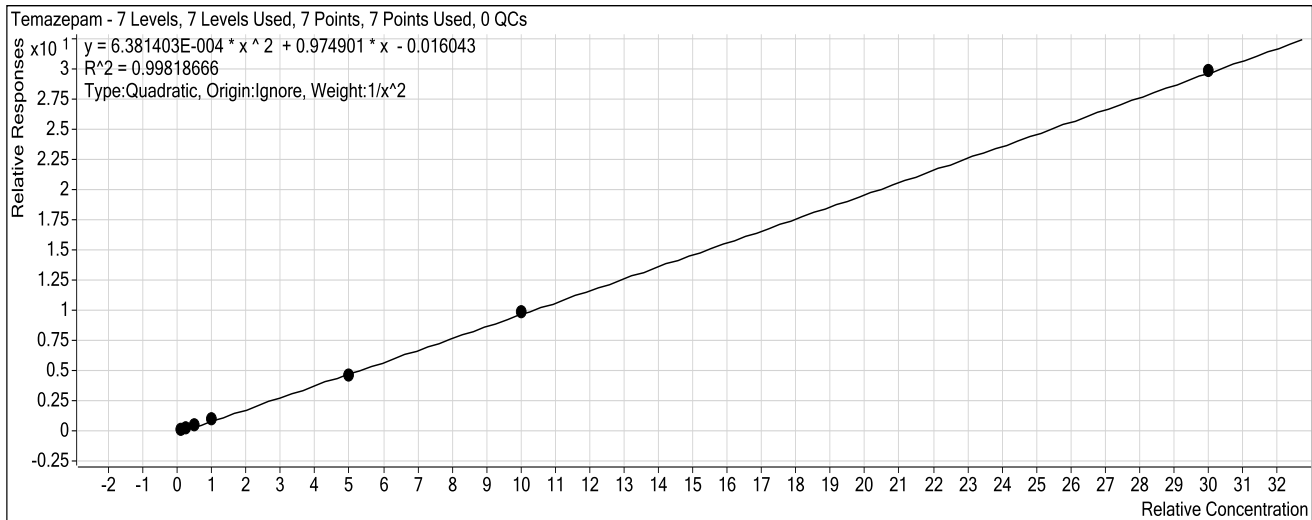
# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS.batch.bin

**Last Calib Update** 2/22/2019 12:28 PM      **Analyst Name** ISP TOX

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



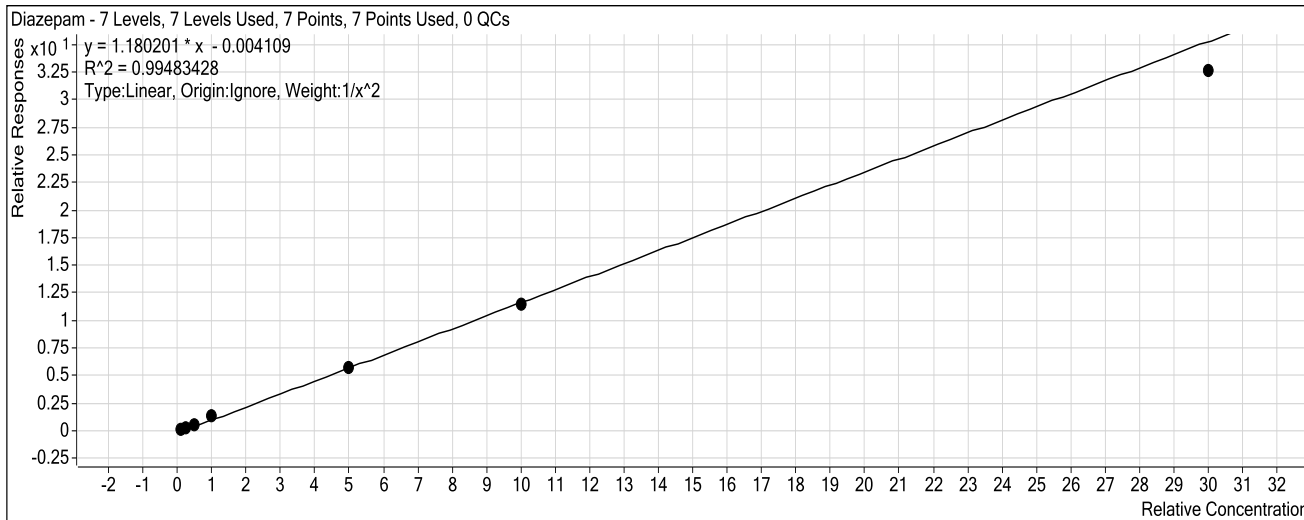
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.0	100.5
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.7	98.6
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.6	97.2
100 ng/mL	4	<input checked="" type="checkbox"/>	100	107.3	107.3
500 ng/mL	5	<input checked="" type="checkbox"/>	500	478.5	95.7
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1003.1	100.3
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3012.4	100.4

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS.batch.bin  
**Last Calib Update** 2/22/2019 12:28 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	9.8	98.0
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.2	100.8
50 ng/mL	3	<input checked="" type="checkbox"/>	50	51.5	102.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	112.0	112.0
500 ng/mL	5	<input checked="" type="checkbox"/>	500	485.2	97.0
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	970.2	97.0
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2767.5	92.2

# ISP FORENSICS

## Pocatello

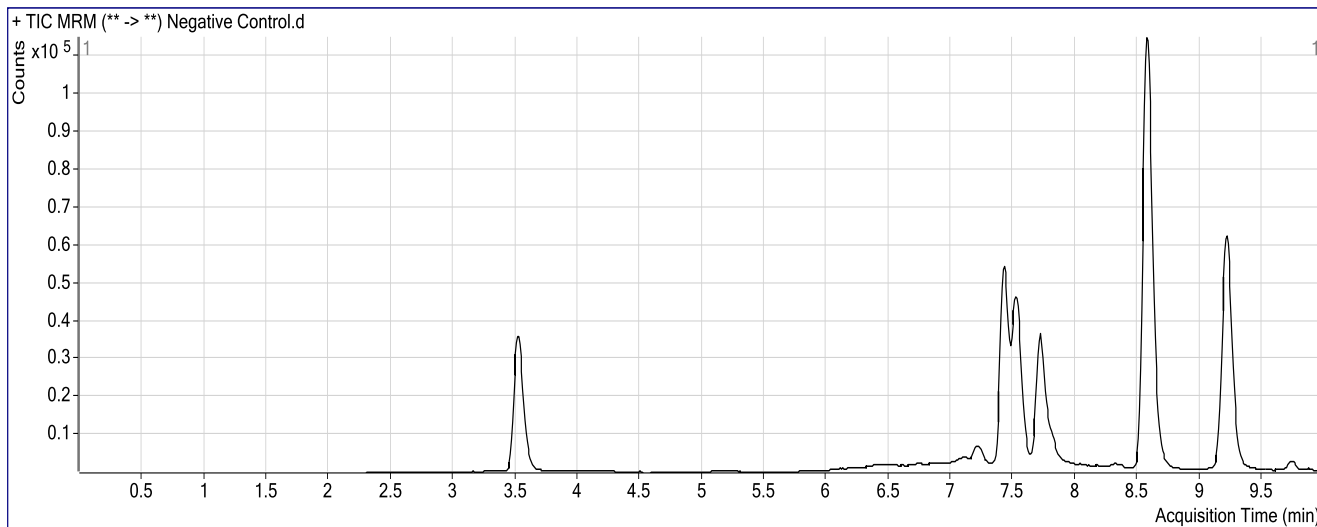
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 wor  
**Analysis Time** 2/22/2019 12:28 PM **Analyst Name** datastor  
**Report Time** 2/22/2019 12:31 PM **Reporter Name** datastor  
**Last Calib Update** 2/22/2019 12:28 PM **Batch State** Processed

#### Analysis Info

**Acq Time** 2019-02-21 18:38 **Data File** Negative Control.d  
**Sample Type** Sample **Sample Name** Negative Control  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2019.m  
**Position** P1-B1 **Sample Info** Negative Urine lot POC062718; Worklist 2967  
**Inj Vol** -1 **Comment** AM 13 Benzo and Z by LCQQQ

#### Sample Chromatogram



CS

# ISP FORENSICS

## Pocatello

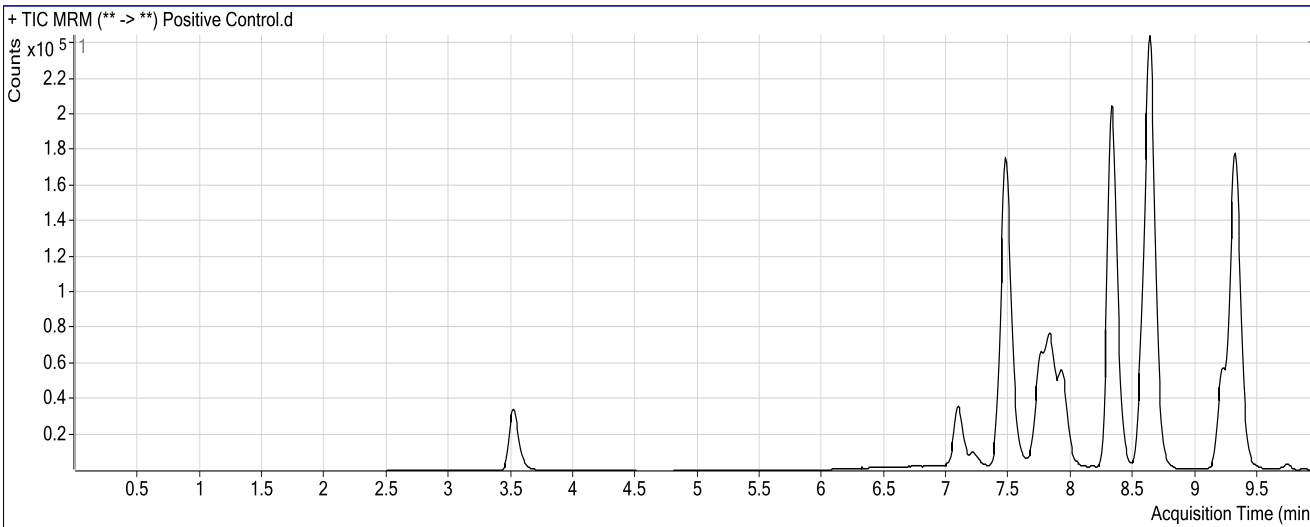
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS  
**Analysis Time** 2/22/2019 12:28 PM **Analyst Name** datastor  
**Report Time** 2/22/2019 12:31 PM **Reporter Name** datastor  
**Last Calib Update** 2/22/2019 12:28 PM **Batch State** Processed

#### Analysis Info

**Acq Time** 2019-02-21 18:22 **Data File** Positive Control.d  
**Sample Type** Sample **Sample Name** Positive Control  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2019.m  
**Position** P1-B2 **Sample Info** 300 ng/mL Benzodiazepines Mix Cerilliant lot FE04221402 in neg LOT PO  
**Inj Vol** -1 **Comment** AM 13 Benzo and Z by LCQQQ

#### Sample Chromatogram



#### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nitrazepam	Clonazepam-D4 ISTD	7.093	106590	76923	1.3857	121.1407
Oxazepam	Nordiazepam-D5 ISTD	7.480	461882	38207	12.0890	625.0837
Clonazepam	Clonazepam-D4 ISTD	7.756	184046	76923	2.3926	307.6366
Lorazepam	Nordiazepam-D5 ISTD	7.830	69366	38207	1.8156	604.8153
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.925	228610	24179	9.4548	286.2757
Flunitrazepam	Clonazepam-D4 ISTD	8.327	784960	76923	10.2044	608.1395
Temazepam	Temazepam-D5 ISTD	8.630	887709	299128	2.9677	305.4411
Diazepam	Diazepam-D5 ISTD	9.318	699843	177603	3.9405	334.2315

CS

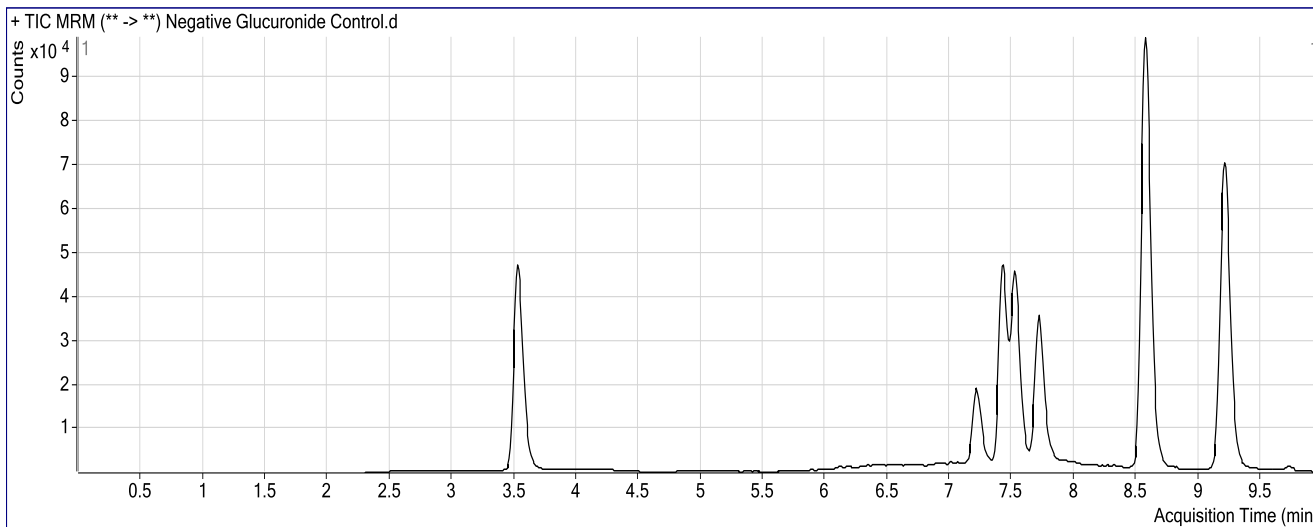
# ISP FORENSICS Pocatello Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS  
**Analysis Time** 2/22/2019 12:28 PM **Analyst Name** datastor  
**Report Time** 2/22/2019 12:31 PM **Reporter Name** datastor  
**Last Calib Update** 2/22/2019 12:28 PM **Batch State** Processed

## Analysis Info

**Acq Time** 2019-02-21 18:07 **Data File** Negative Glucuronide Control.d  
**Sample Type** Sample **Sample Name** Negative Glucuronide Control  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2019.m  
**Position** P1-A9 **Sample Info** 300 ng/mL Alltech lot 715-5035 in neg lot POC062718; Worklist 2967  
**Inj Vol** -1 **Comment** AM 13 Benzo and Z by LCQQQ

## Sample Chromatogram



## Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Nordiazepam-D5 ISTD	7.480	3172	97040	0.0327	3.7905

CS

# ISP FORENSICS

## Pocatello

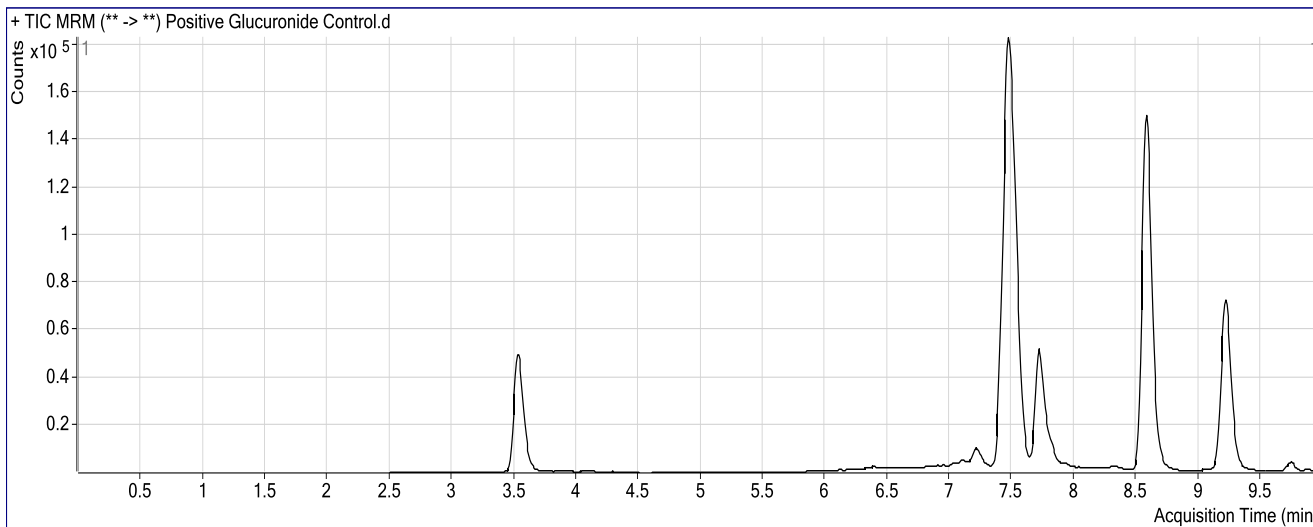
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS  
**Analysis Time** 2/22/2019 12:28 PM **Analyst Name** datastor  
**Report Time** 2/22/2019 12:31 PM **Reporter Name** datastor  
**Last Calib Update** 2/22/2019 12:28 PM **Batch State** Processed

#### Analysis Info

**Acq Time** 2019-02-21 17:51 **Data File** Positive Glucuronide Control.d  
**Sample Type** Sample **Sample Name** Positive Glucuronide Control  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2019.m  
**Position** P1-B3 **Sample Info** 300 ng/mL Alltech lot 715-5035 in neg lot POC062718; Worklist 2967  
**Inj Vol** -1 **Comment** AM 13 Benzo and Z by LCQQQ

#### Sample Chromatogram



#### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Nordiazepam-D5 ISTD	7.472	426918	134667	3.1702	169.7952



# ISP FORENSICS

## Pocatello

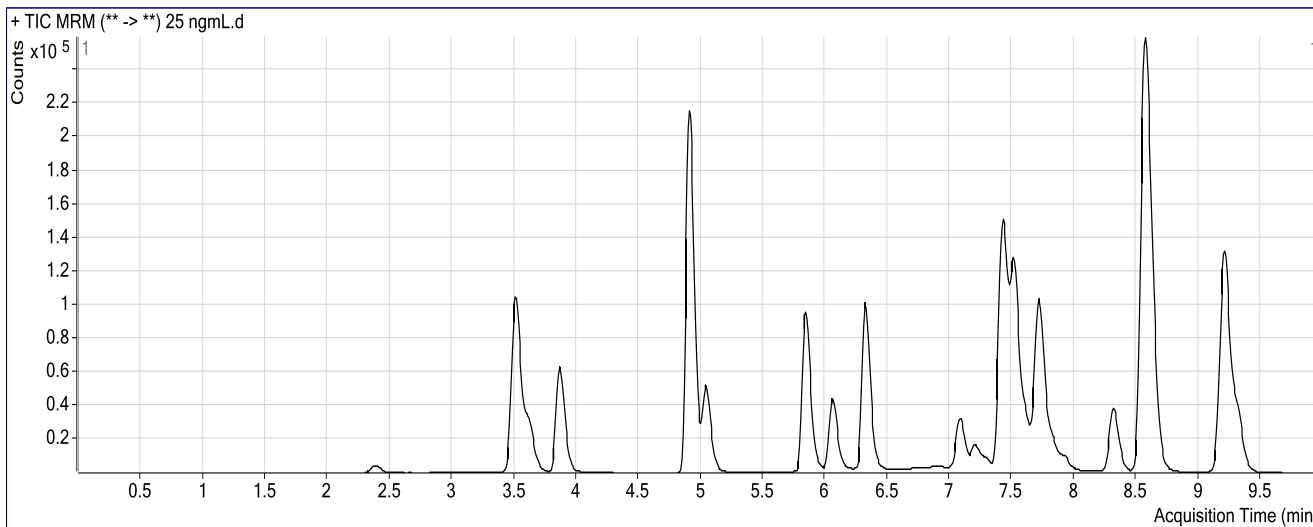
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS		
<b>Analysis Time</b>	2/22/2019 12:28 PM	<b>Analyst Name</b>	datastor
<b>Report Time</b>	2/22/2019 12:30 PM	<b>Reporter Name</b>	datastor
<b>Last Calib Update</b>	2/22/2019 12:28 PM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2019-02-21 16:02	<b>Data File</b>	25 ngmL.d
<b>Sample Type</b>	Calibration	<b>Sample Name</b>	25 ngmL
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_2019.m
<b>Position</b>	P1-A3	<b>Sample Info</b>	Worklist 2967
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 13 Benzo and Z by LCQQQ

#### Sample Chromatogram



#### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.392	21541	487905	0.0442	25.4987
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.622	111412	487905	0.2283	9.3922
zopiclone	Nordiazepam-D5 ISTD	3.867	169254	248562	0.6809	24.7677
zolpidem	Nordiazepam-D5 ISTD	4.908	777672	248562	3.1287	25.3439
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.043	166453	248562	0.6697	24.8576
quetiapine	Temazepam-D5 ISTD	5.841	287107	1057856	0.2714	3.1958
Midazolam	Clonazepam-D4 ISTD	6.062	168355	364325	0.4621	8.6730
Flurazepam	Diazepam-D5 ISTD	6.318	399060	433525	0.9205	26.1291
Nitrazepam	Clonazepam-D4 ISTD	7.084	99237	364325	0.2724	24.3877
alpha-Hydroxyalprazolam	alphanhydroxyalprazolam-D5 ISTD	7.256	4750	43217	0.1099	45.1620
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.288	16072	248562	0.0647	25.0647
Oxazepam	Nordiazepam-D5 ISTD	7.472	102359	248562	0.4118	24.0228
Nordiazepam	Nordiazepam-D5 ISTD	7.616	74217	248562	0.2986	24.0465
Clonazepam	Clonazepam-D4 ISTD	7.747	71712	364325	0.1968	25.8733
Lorazepam	Nordiazepam-D5 ISTD	7.822	16117	248562	0.0648	22.9374
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.925	37860	43217	0.8760	26.4628
Flunitrazepam	Clonazepam-D4 ISTD	8.311	141808	364325	0.3892	24.3818
Temazepam	Temazepam-D5 ISTD	8.622	237318	1057856	0.2243	24.6531
Diazepam	Diazepam-D5 ISTD	9.310	127109	433525	0.2932	25.1912

CS

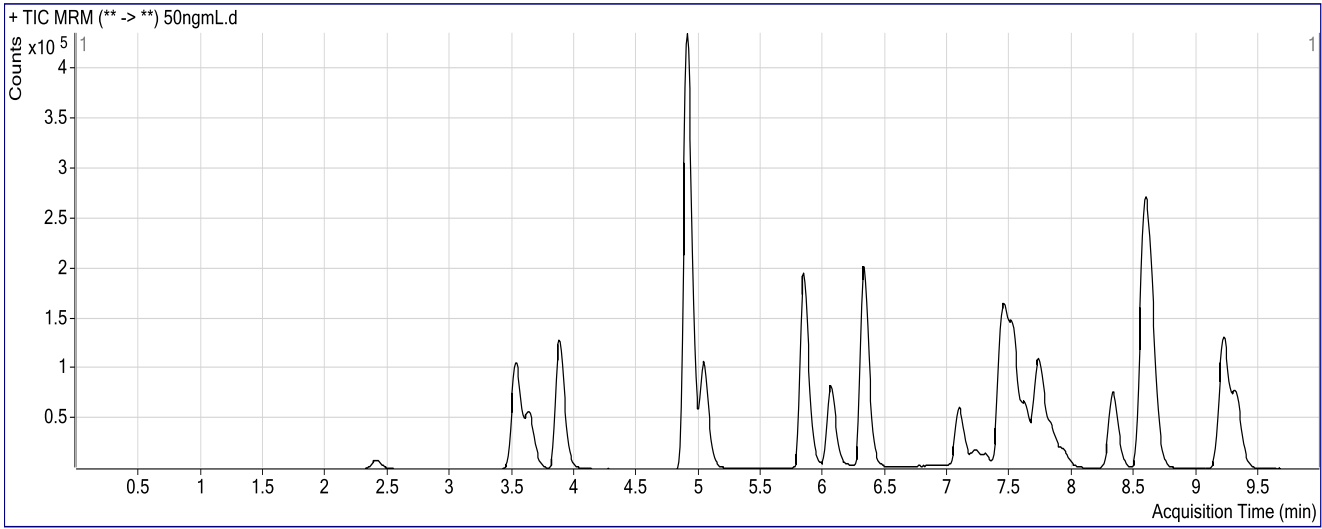
# ISP FORENSICS Pocatello Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS  
**Analysis Time** 2/22/2019 12:28 PM **Analyst Name** datastor  
**Report Time** 2/22/2019 12:30 PM **Reporter Name** datastor  
**Last Calib Update** 2/22/2019 12:28 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-21 16:17 **Data File** 50ngmL.d  
**Sample Type** Calibration **Sample Name** 50ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2019.m  
**Position** P1-A4 **Sample Info** Worklist 2967  
**Inj Vol** -1 **Comment** AM 13 Benzo and Z by LCQQQ

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.409	42760	494600	0.0865	50.0129
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.639	221397	494600	0.4476	44.6464
zopiclone	Nordiazepam-D5 ISTD	3.875	351889	248485	1.4161	50.4670
zolpidem	Nordiazepam-D5 ISTD	4.908	1572032	248485	6.3265	50.8372
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.043	342729	248485	1.3793	49.8634
quetiapine	Temazepam-D5 ISTD	5.841	591487	1042523	0.5674	41.9718
Midazolam	Clonazepam-D4 ISTD	6.062	332746	348908	0.9537	44.6116
Flurazepam	Diazepam-D5 ISTD	6.318	833448	431695	1.9306	55.3417
Nitrazepam	Clonazepam-D4 ISTD	7.093	196417	348908	0.5629	49.5763
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.247	7061	55250	0.1278	48.5630
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.305	32842	248485	0.1322	48.8458
Oxazepam	Nordiazepam-D5 ISTD	7.480	214817	248485	0.8645	48.1186
Nordiazepam	Nordiazepam-D5 ISTD	7.633	160761	248485	0.6470	49.9058
Clonazepam	Clonazepam-D4 ISTD	7.764	133592	348908	0.3829	49.4250
Lorazepam	Nordiazepam-D5 ISTD	7.838	34788	248485	0.1400	48.4154
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.925	93103	55250	1.6851	50.9664
Flunitrazepam	Clonazepam-D4 ISTD	8.327	291144	348908	0.8344	50.3554
Temazepam	Temazepam-D5 ISTD	8.639	477190	1042523	0.4577	48.5812
Diazepam	Diazepam-D5 ISTD	9.318	260388	431695	0.6032	51.4562

CS

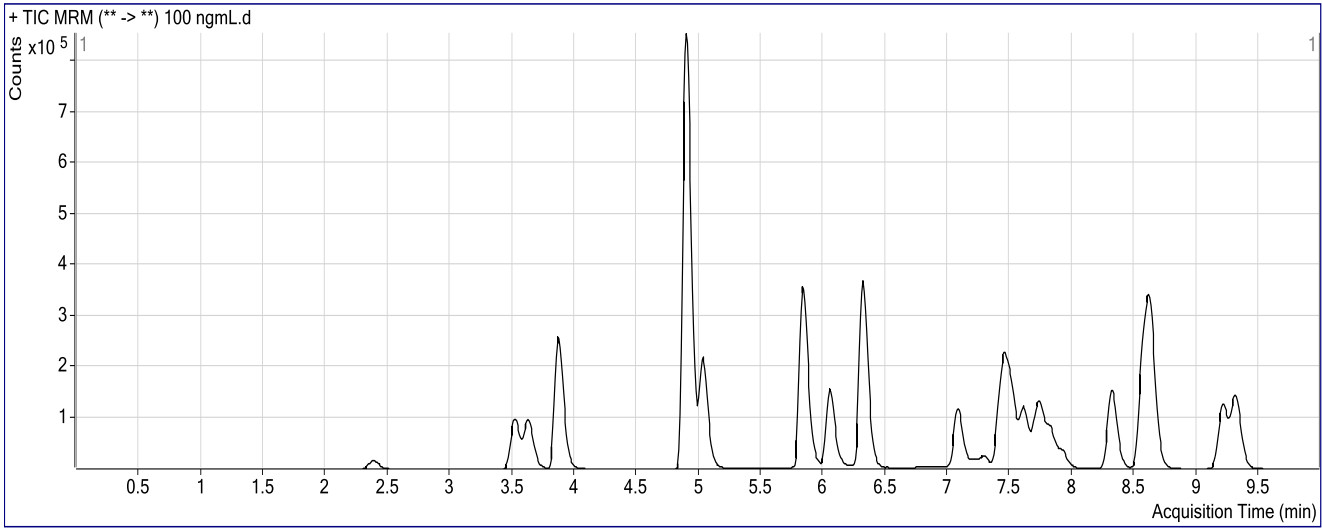
# ISP FORENSICS Pocatello Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS  
**Analysis Time** 2/22/2019 12:28 PM **Analyst Name** datastor  
**Report Time** 2/22/2019 12:30 PM **Reporter Name** datastor  
**Last Calib Update** 2/22/2019 12:28 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-21 16:33 **Data File** 100 ngmL.d  
**Sample Type** Calibration **Sample Name** 100 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2019.m  
**Position** P1-A5 **Sample Info** Worklist 2967  
**Inj Vol** -1 **Comment** AM 13 Benzo and Z by LCQQQ

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.392	81856	454831	0.1800	104.4468
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.631	391632	454831	0.8610	111.6322
zopiclone	Nordiazepam-D5 ISTD	3.867	716398	231983	3.0881	108.9125
zolpidem	Nordiazepam-D5 ISTD	4.899	3138829	231983	13.5304	108.4709
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.035	703606	231983	3.0330	108.0734
quetiapine	Temazepam-D5 ISTD	5.833	1125912	990741	1.1364	117.1642
Midazolam	Clonazepam-D4 ISTD	6.054	619697	331308	1.8705	112.0262
Flurazepam	Diazepam-D5 ISTD	6.318	1559268	410874	3.7950	109.6972
Nitrazepam	Clonazepam-D4 ISTD	7.084	400754	331308	1.2096	105.7963
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.239	23688	52064	0.4550	111.0629
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.297	66171	231983	0.2852	102.6376
Oxazepam	Nordiazepam-D5 ISTD	7.472	463182	231983	1.9966	108.0802
Nordiazepam	Nordiazepam-D5 ISTD	7.616	329211	231983	1.4191	107.2206
Clonazepam	Clonazepam-D4 ISTD	7.756	283573	331308	0.8559	109.5686
Lorazepam	Nordiazepam-D5 ISTD	7.822	73555	231983	0.3171	108.2608
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.916	184865	52064	3.5508	107.4683
Flunitrazepam	Clonazepam-D4 ISTD	8.319	596066	331308	1.7991	106.7946
Temazepam	Temazepam-D5 ISTD	8.630	1021551	990741	1.0311	107.3346
Diazepam	Diazepam-D5 ISTD	9.310	541389	410874	1.3177	111.9947

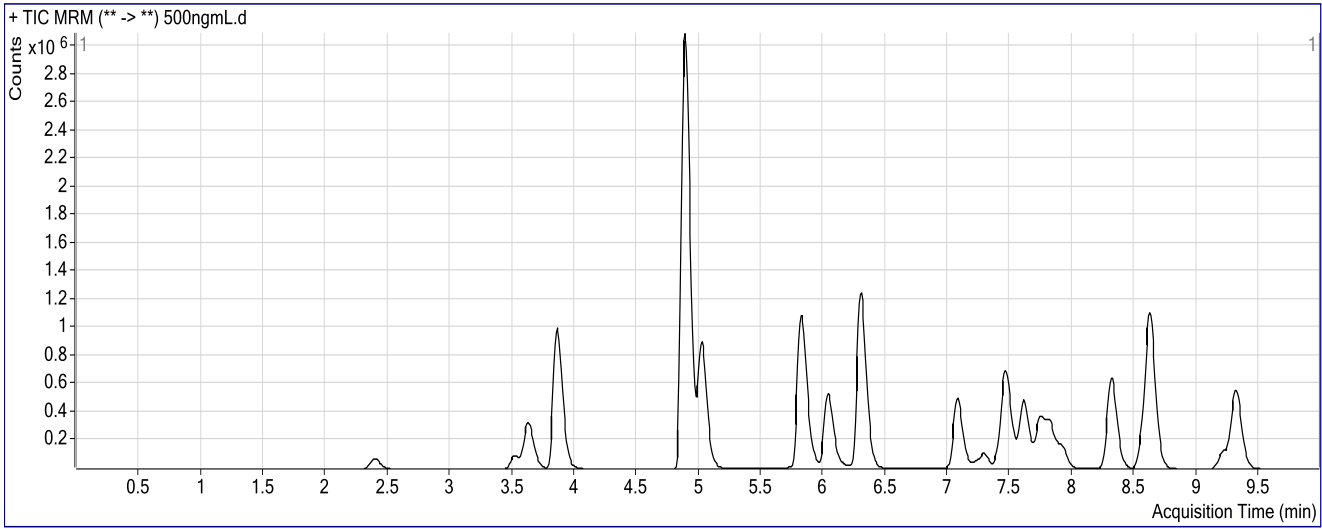
# ISP FORENSICS Pocatello Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS  
**Analysis Time** 2/22/2019 12:28 PM **Analyst Name** datastor  
**Report Time** 2/22/2019 12:30 PM **Reporter Name** datastor  
**Last Calib Update** 2/22/2019 12:28 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-21 16:49 **Data File** 500ngmL.d  
**Sample Type** Calibration **Sample Name** 500ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2019.m  
**Position** P1-A6 **Sample Info** Worklist 2967  
**Inj Vol** -1 **Comment** AM 13 Benzo and Z by LCQQQ

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.400	360708	452084	0.7979	472.8703
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.631	1434220	452084	3.1725	499.6432
zopiclone	Nordiazepam-D5 ISTD	3.858	2870304	216624	13.2502	464.1281
zolpidem	Nordiazepam-D5 ISTD	4.891	12134878	216624	56.0181	454.3033
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.027	2914925	216624	13.4561	472.8761
quetiapine	Temazepam-D5 ISTD	5.825	3702428	936452	3.9537	502.6391
Midazolam	Clonazepam-D4 ISTD	6.037	2176172	312774	6.9576	495.8738
Flurazepam	Diazepam-D5 ISTD	6.301	5487309	396772	13.8299	412.8356
Nitrazepam	Clonazepam-D4 ISTD	7.084	1720694	312774	5.5014	484.7379
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.239	105106	52720	1.9937	412.6725
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.288	308997	216624	1.4264	498.1316
Oxazepam	Nordiazepam-D5 ISTD	7.463	2016440	216624	9.3085	485.6385
Nordiazepam	Nordiazepam-D5 ISTD	7.616	1429373	216624	6.5984	491.6643
Clonazepam	Clonazepam-D4 ISTD	7.747	1167354	312774	3.7323	483.8298
Lorazepam	Nordiazepam-D5 ISTD	7.822	318532	216624	1.4704	491.9726
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.916	790055	52720	14.9860	453.7915
Flunitrazepam	Clonazepam-D4 ISTD	8.311	2494299	312774	7.9748	473.4206
Temazepam	Temazepam-D5 ISTD	8.622	4367049	936452	4.6634	478.4927
Diazepam	Diazepam-D5 ISTD	9.318	2270200	396772	5.7217	485.1535

CS

# ISP FORENSICS

## Pocatello

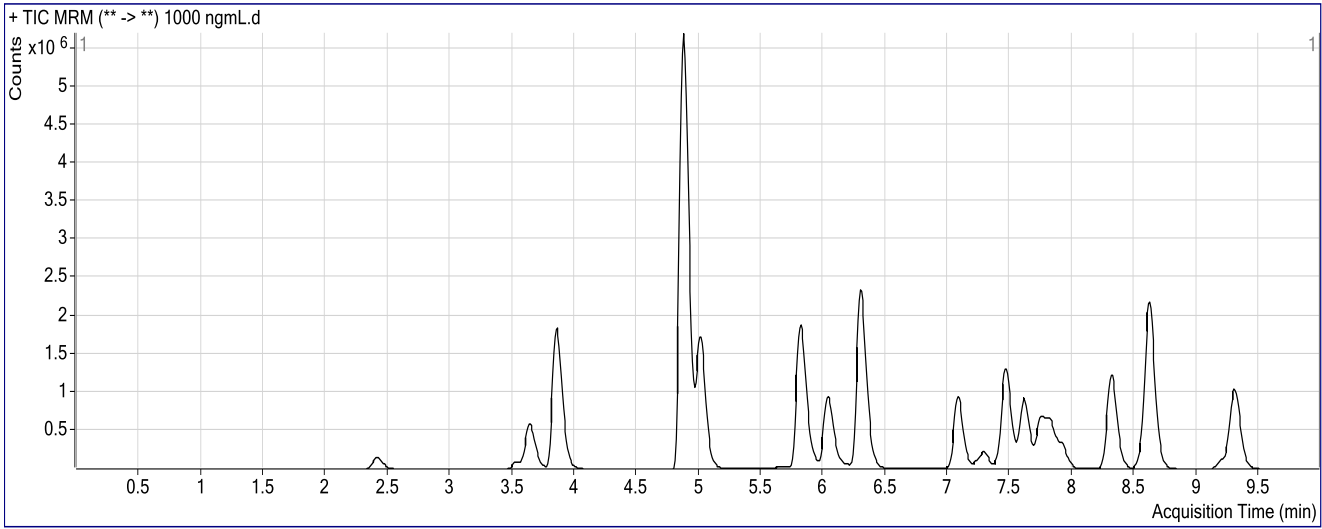
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS		
<b>Analysis Time</b>	2/22/2019 12:28 PM	<b>Analyst Name</b>	datastor
<b>Report Time</b>	2/22/2019 12:30 PM	<b>Reporter Name</b>	datastor
<b>Last Calib Update</b>	2/22/2019 12:28 PM	<b>Batch State</b>	Processed

**Analysis Info**

<b>Acq Time</b>	2019-02-21 17:04	<b>Data File</b>	1000 ngmL.d
<b>Sample Type</b>	Calibration	<b>Sample Name</b>	1000 ngmL
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_2019.m
<b>Position</b>	P1-A7	<b>Sample Info</b>	Worklist 2967
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 13 Benzo and Z by LCQQQ

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.417	735016	437364	1.6806	1028.7401
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.647	2576642	437364	5.8913	990.1788
zopiclone	Nordiazepam-D5 ISTD	3.858	5392620	204875	26.3215	921.0415
zolpidem	Nordiazepam-D5 ISTD	4.874	23796878	204875	116.1533	962.5107
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.018	5703302	204875	27.8380	970.4719
quetiapine	Temazepam-D5 ISTD	5.816	6562796	908949	7.2202	981.5198
Midazolam	Clonazepam-D4 ISTD	6.037	3892194	294092	13.2346	994.9863
Flurazepam	Diazepam-D5 ISTD	6.293	10689214	378963	28.2065	884.0055
Nitrazepam	Clonazepam-D4 ISTD	7.084	3254372	294092	11.0658	992.1716
alpha-Hydroxyalprazolam	alphanhydroxyalprazolam-D5 ISTD	7.247	226599	43018	5.2676	1103.6516
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.288	597218	204875	2.9150	1000.1946
Oxazepam	Nordiazepam-D5 ISTD	7.472	4091421	204875	19.9703	1009.1528
Nordiazepam	Nordiazepam-D5 ISTD	7.616	2739420	204875	13.3712	994.3896
Clonazepam	Clonazepam-D4 ISTD	7.747	2223301	294092	7.5599	1007.1519
Lorazepam	Nordiazepam-D5 ISTD	7.822	637965	204875	3.1139	1021.7027
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.916	1558245	43018	36.2234	1096.9823
Flunitrazepam	Clonazepam-D4 ISTD	8.311	4814565	294092	16.3710	987.6365
Temazepam	Temazepam-D5 ISTD	8.622	8932330	908949	9.8271	1003.0688
Diazepam	Diazepam-D5 ISTD	9.301	4337742	378963	11.4463	970.2115

CS

# ISP FORENSICS

## Pocatello

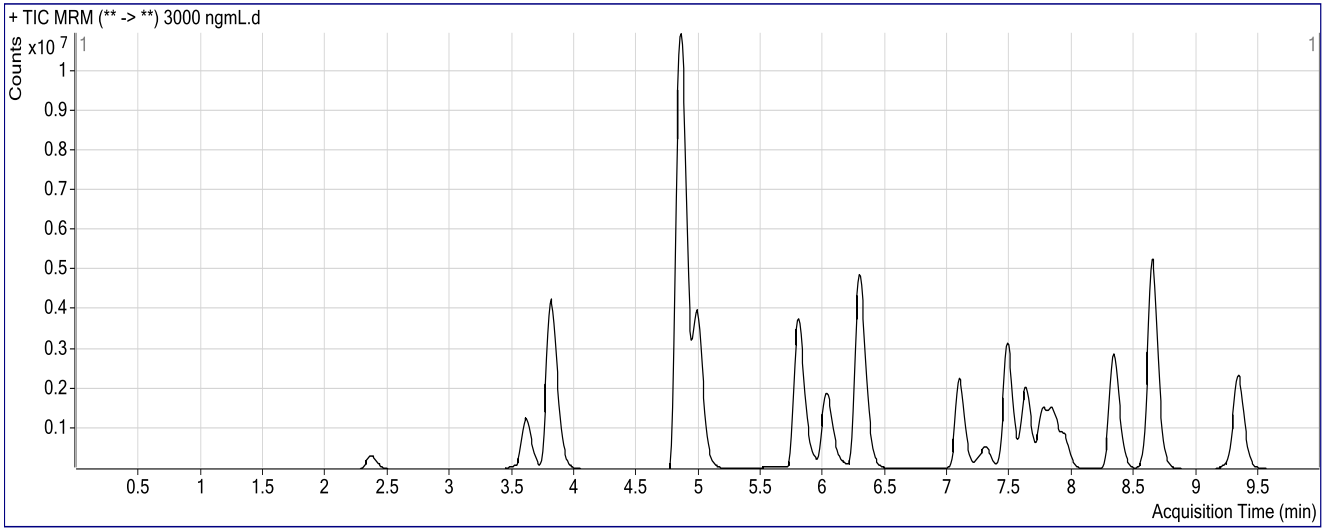
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS		
<b>Analysis Time</b>	2/22/2019 12:28 PM	<b>Analyst Name</b>	datastor
<b>Report Time</b>	2/22/2019 12:31 PM	<b>Reporter Name</b>	datastor
<b>Last Calib Update</b>	2/22/2019 12:28 PM	<b>Batch State</b>	Processed

**Analysis Info**

<b>Acq Time</b>	2019-02-21 17:20	<b>Data File</b>	3000 ngmL.d
<b>Sample Type</b>	Calibration	<b>Sample Name</b>	3000 ngmL
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_2019.m
<b>Position</b>	P1-A8	<b>Sample Info</b>	Worklist 2967
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 13 Benzo and Z by LCQQQ

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.375	1588333	367482	4.3222	2993.4386
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.614	5393091	367482	14.6758	3004.6553
zopiclone	Nordiazepam-D5 ISTD	3.808	14290137	156157	91.5115	3199.7717
zolpidem	Nordiazepam-D5 ISTD	4.857	52844213	156157	338.4048	3092.5979
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.993	14035617	156157	89.8816	3046.2368
quetiapine	Temazepam-D5 ISTD	5.799	13844290	761497	18.1804	3007.9328
Midazolam	Clonazepam-D4 ISTD	6.029	8700828	251278	34.6263	3002.7500
Flurazepam	Diazepam-D5 ISTD	6.285	24814268	310188	79.9975	3414.0163
Nitrazepam	Clonazepam-D4 ISTD	7.093	7848000	251278	31.2323	3021.8498
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.256	602460	48705	12.3696	2972.3467
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.305	1450444	156157	9.2884	3000.1537
Oxazepam	Nordiazepam-D5 ISTD	7.480	10315823	156157	66.0607	2999.6270
Nordiazepam	Nordiazepam-D5 ISTD	7.633	6188908	156157	39.6327	2943.7049
Clonazepam	Clonazepam-D4 ISTD	7.764	5041270	251278	20.0625	3000.1634
Lorazepam	Nordiazepam-D5 ISTD	7.838	1517547	156157	9.7181	2983.5872
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.933	4729295	48705	97.1009	2940.7019
Flunitrazepam	Clonazepam-D4 ISTD	8.327	11753915	251278	46.7765	3038.6772
Temazepam	Temazepam-D5 ISTD	8.647	22792508	761497	29.9312	3012.4223
Diazepam	Diazepam-D5 ISTD	9.335	10129987	310188	32.6576	2767.4696

CS

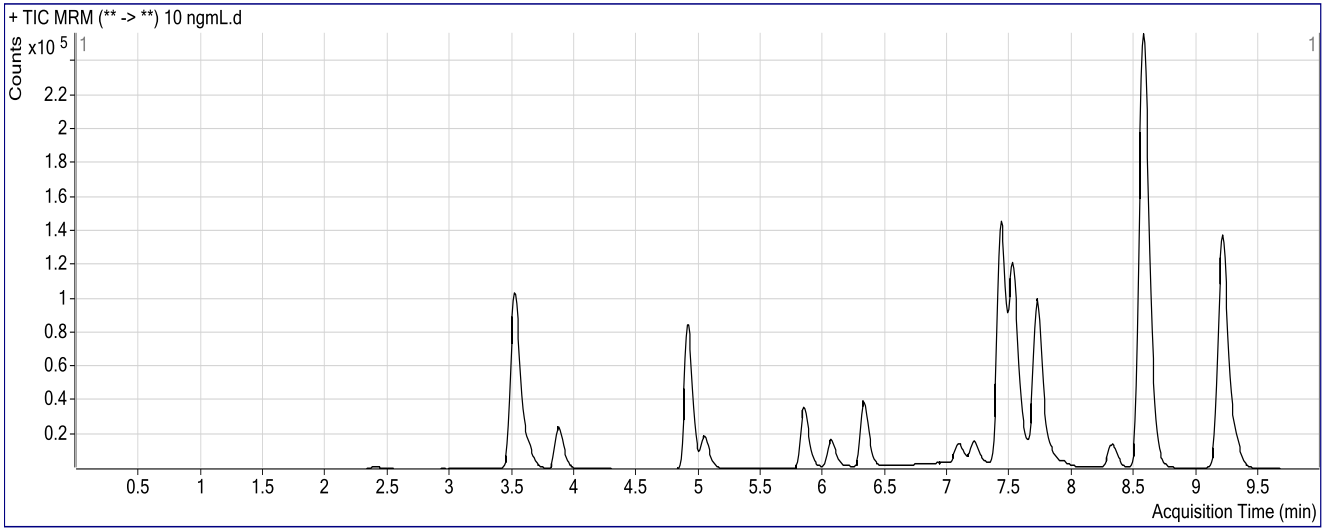
# ISP FORENSICS Pocatello Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2967 Urine 022119 CS\QuantResults\am 13 worklist 2967 CS  
**Analysis Time** 2/22/2019 12:28 PM **Analyst Name** datastor  
**Report Time** 2/22/2019 12:30 PM **Reporter Name** datastor  
**Last Calib Update** 2/22/2019 12:28 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2019-02-21 15:46 **Data File** 10 ngmL.d  
**Sample Type** Calibration **Sample Name** 10 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2019.m  
**Position** P1-A2 **Sample Info** Worklist 2967  
**Inj Vol** -1 **Comment** AM 13 Benzo and Z by LCQQQ

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.400	8078	483472	0.0167	9.6313
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.631	43627	483472	0.0902	0.0000
zopiclone	Nordiazepam-D5 ISTD	3.867	65816	256083	0.2570	9.9494
zolpidem	Nordiazepam-D5 ISTD	4.908	302575	256083	1.1815	9.8479
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.052	63292	256083	0.2472	9.9608
quetiapine	Temazepam-D5 ISTD	5.841	105535	1077162	0.0980	0.0000
Midazolam	Clonazepam-D4 ISTD	6.062	63084	372306	0.1694	0.0000
Flurazepam	Diazepam-D5 ISTD	6.318	152832	443310	0.3448	9.5524
Nitrazepam	Clonazepam-D4 ISTD	7.093	39808	372306	0.1069	10.0636
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.239	1808	48708	0.0371	31.3393
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.314	5603	256083	0.0219	9.9761
Oxazepam	Nordiazepam-D5 ISTD	7.480	38889	256083	0.1519	10.1556
Nordiazepam	Nordiazepam-D5 ISTD	7.625	28308	256083	0.1105	10.0886
Clonazepam	Clonazepam-D4 ISTD	7.747	23732	372306	0.0637	9.0611
Lorazepam	Nordiazepam-D5 ISTD	7.838	7081	256083	0.0277	10.3120
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.925	13985	48708	0.2871	8.6268
Flunitrazepam	Clonazepam-D4 ISTD	8.319	53190	372306	0.1429	10.0282
Temazepam	Temazepam-D5 ISTD	8.630	88233	1077162	0.0819	10.0471
Diazepam	Diazepam-D5 ISTD	9.310	49466	443310	0.1116	9.8027