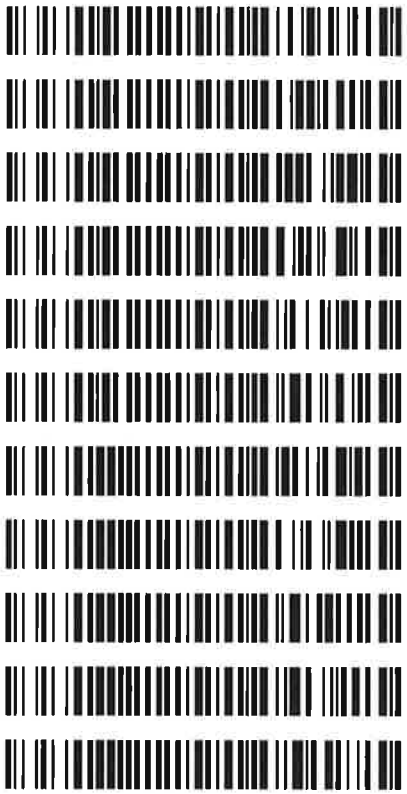
**REVIEWED**
*By Britany Wylie at 8:40 am, Oct 01, 2018*

15

9/28/2018

**Worklist: 2699**

| LAB_CASE | ITEM | TASK_ID | DESCRIPTION |
|---|---|---|---|
| M2018-4140 | 1 | 127429 | AM 27 Blood THC Quant by LC-QQQ |
| M2018-4314 | 1 | 127430 | AM 27 Blood THC Quant by LC-QQQ |
| M2018-4330 | 1 | 127431 | AM 27 Blood THC Quant by LC-QQQ |
| M2018-4379 | 1 | 127432 | AM 27 Blood THC Quant by LC-QQQ |
| M2018-4429 | 1 | 127433 | AM 27 Blood THC Quant by LC-QQQ |
| M2018-4626 | 2 | 127434 | AM 27 Blood THC Quant by LC-QQQ |
| P2018-2393 | 1 | 127435 | AM 27 Blood THC Quant by LC-QQQ |
| P2018-2623 | 1 | 127436 | AM 27 Blood THC Quant by LC-QQQ |
| P2018-2668 | 1 | 127437 | AM 27 Blood THC Quant by LC-QQQ |
| P2018-2682 | 1 | 127438 | AM 27 Blood THC Quant by LC-QQQ |
| P2018-2690 | 1 | 127439 | AM 27 Blood THC Quant by LC-QQQ |



# AM# 27: Quantitation of THC and Metabolites in Blood by LC-MS/MS

Extraction Date: 09/25/18 Analyst: Tamara Salazar
Plate lot#: 0515037 Plate Expiration: 09/28/18

**Mobile phase A**: 0.1% Formic Acid in LCMS Water **Mobile phase B:** 0.1% Formic acid in Acetonitrile
MTBE LCMS Methanol Hexane
**Blank Blood Lot**: 361331-1 **Column**: UCT Selectra DA 100 x 2.1mm 3um
**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: Data Path: _____

## Analytic:

☒ 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
☒ 2. Pipette **1000µL blood/urine (calibrated pipette) Pipette ID: 27** in wells of analytical (standards) plate.
☒ 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 067105*
☒ 4. Pipette **500µL 0.1% formic acid in water** in wells of analytical plate for blood samples.
☒ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 6. Transfer **800µL of blood+acid** 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 **2.25mL MTBE. (*Add in 3 increments of 750uL)***
☒ 10. Wait 5 minutes.
☒ 11. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 12. Add **2.25mL Hexane. (*Add in 3 increments of 750uL)***
☒ 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 100% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

## Post-Analytic

☒ 1. Create batch and process data.
Worklist path: C:\MassHunter\Data\2018\THC Quant\092618 THCQ TS
Batch Name: 092618 THC Quant
☒ 2. Make any necessary integration changes, Curve weighting of Linear 1/x with $r^2$ values ≥0.98 for each analyte
☒ 3. RT +/- 3% or 0.100 min, whichever is greater, +/- 20% Accuracy for greater than (+/- 30% for 10ng/ml or less). Ion ratios must be within +/- 20% of the averaged calibrators
☒ 4. Case sample response for THC and OH-THC 3ng/mL (quantitative), Carboxy-THC: 10ng/mL (qualitative only) will be reported. Samples with a THC or OH-THC response over 50 ng/mL will be reported out as greater than 50 ng/mL.
☒ 5. Did all QCs pass for each analyte? Y / N
☒ 6 Enter QCs into control charting.
☒ 7 Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: *Curves limited: THC-COOH 10-250*

# Idaho State Police Forensic Services

## AM #27 Quantitative Analysis of THC and Metabolites in Blood by LCMS-QQQ

**Analyst: Tamara Salazar**
**Extraction Date: 09/25/18**
**Worklist Number: 2699**

| *Reagent* | *Lot Number* | *Expiration Date* | *Date in Service* | *Date Out of Service* | *Initials* |
|---|---|---|---|---|---|
| ToxBox THC/THC Metabolite Plate | 0515037 | 09/28/18 | | | |
| Negative Blood | 361331-1 | | 05/25/18 | | |
| Methanol External Control Solution | WS020718 | 02/07/19 | 02/07/18 | | |
| Blood External Control Solution | 061718 | 02/07/19 | 06/17/18 | | |
| Methyl Tert-Butyl Ether (MTBE) 99.9% | A0375555 | | 06/26/17 | | |
| Hexanes (ACS) | 101642 | | 10/26/17 | | |
| Methanol (LCMS Grade) | 177145 | | 04/11/18 | | |
| Water (LCMS Grade) | 182702 | | 06/21/18 | | |
| 0.1% Formic Acid in Water (Mobile Phase A) | 180079 | | 08/24/18 | | |
| 0.1% Formic Acid in Acetonitrile (Mobile Phase B) | 176190 | | 02/08/18 | | |
| Needle Rinse--75% LCMS MeOH in LCMS Water | 092418 | | 09/24/18 | | |

**Methanol External Control Solution (Lot: WS020718)**
*10 ul of 1mg/mL THC, 100 ul of 100 ug/mL THC-OH, C-THC in 9790 ul MeOH*

| *Component* | *Source* | *Source Lot Number* | *Expiration Date* |
|---|---|---|---|
| Methanol (LCMS) | Fisher | 172516 | |
| THC | Cerilliant | FE04231406 | 04/30/2019 |
| C-THC | Cayman | 0497429 | 02/08/2019 |
| THC-OH | Cerilliant | FE01121503 | 01/31/2020 |
| Prepared: | 02/07/18 | | |
| Prepared By: | Tamara Salazar | | |
| Expires: | 02/07/19 | | |

**Blood External Control Solution (Lot: 061718)**
*100 ul of methanol external control solution was added to 9900 ul of blood.*

| *Component* | *Source* | *Source Lot Number* |
|---|---|---|
| Negative Blood | Hemostat | 361331-1 |
| Methanol External Control Solution | | WS020718 |
| Prepared: | 06/17/18 | |
| Prepared by: | Tamara Salazar | |
| Expires: | 02/07/19 | |

**Needle Rinse (75% LCMS MeOH in LCMS Water) (Lot: 081518)**

| *Component* | *Source* | *Source Lot Number* |
|---|---|---|
| MeOH (LCMS Grade) | Fisher | 177145 |
| Water (LCMS Grade) | Fisher | 182702 |
| Prepared: | 09/24/18 | |
| Prepared By: | Tamara Salazar | |

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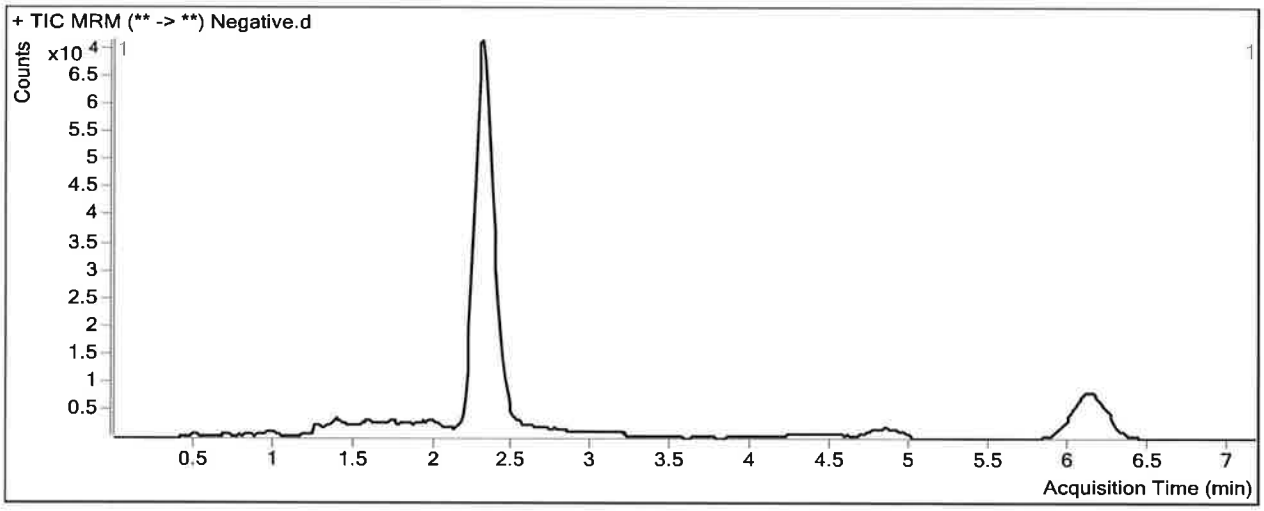
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\092618 THCQ TS\QuantResults\092618 THC Quant.batch.bin | | |
| **Analysis Time** | 9/27/2018 3:50 PM | **Analyst Name** | ISPUser |
| **Report Time** | 9/27/2018 3:52 PM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/27/2018 3:50 PM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-26 20:03 | **Data File** | Negative.d |
| **Sample Type** | Sample | **Sample Name** | Negative |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-A8 | **Sample Info** | |
| **Inj Vol** | -1 | **Comment** | Hemostat 361331-1 |

## Sample Chromatogram




## Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|---|---|---|---|---|---|---|
| THC-OH | THC-OH-D3 | 2.158 | 2428 | 458284 | 0.0053 | 1.5441 |
| THC-COOH | THC-COOH-D9 | 2.392 | 16077 | 136517 | 0.1178 | 0.3739 |

TS

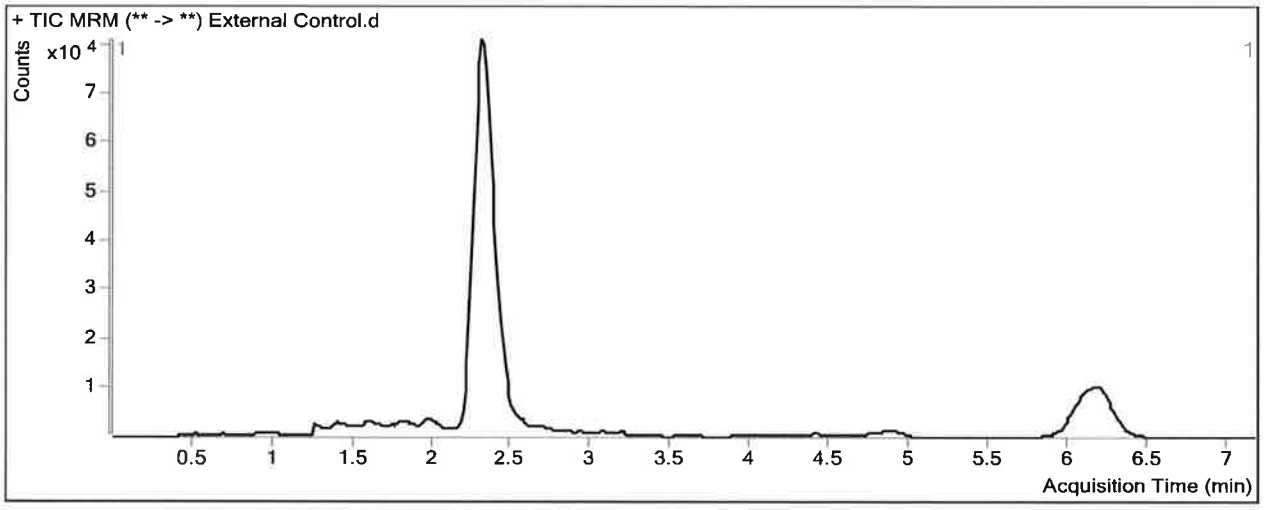
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\092618 THCQ TS\QuantResults\092618 THC Quant.batch.bin | | |
| **Analysis Time** | 9/27/2018 3:50 PM | **Analyst Name** | ISPUser |
| **Report Time** | 9/27/2018 3:52 PM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/27/2018 3:50 PM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-26 20:27 | **Data File** | External Control.d |
| **Sample Type** | Sample | **Sample Name** | External Control |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-B8 | **Sample Info** | |
| **Inj Vol** | -1 | **Comment** | Hemostat 361331-1 + WS 020718 |

## Sample Chromatogram




## Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|---|---|---|---|---|---|---|
| THC-OH | THC-OH-D3 | 2.319 | 45918 | 481722 | 0.0953 | 9.1195 |
| THC-COOH | THC-COOH-D9 | 2.419 | 48831 | 144999 | 0.3368 | 9.3406 |
| THC | THC-D3 | 6.159 | 13623 | 148191 | 0.0919 | 7.7976 |

TS

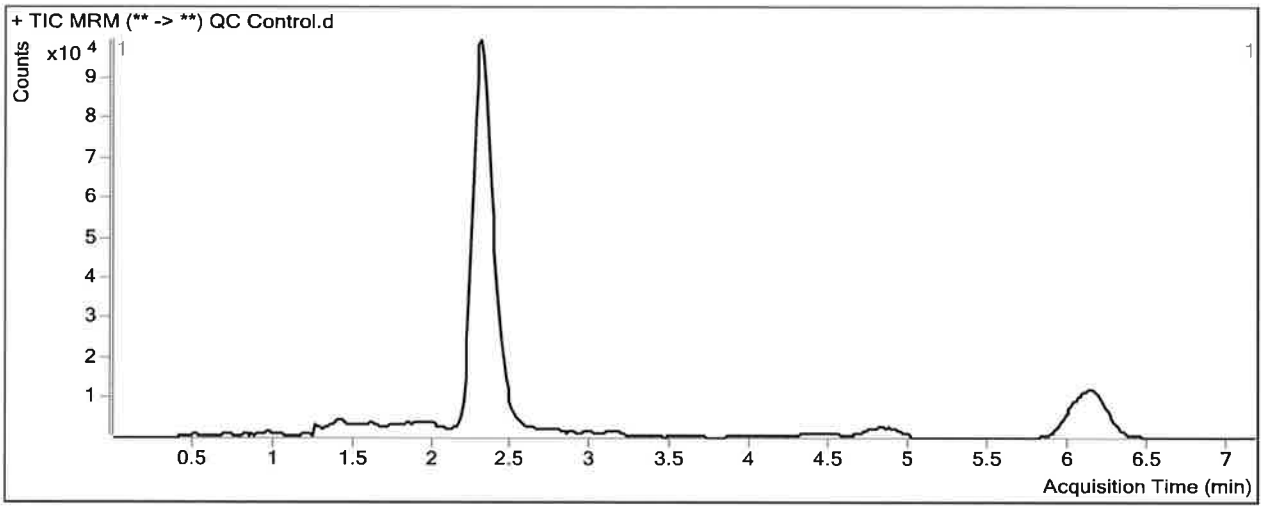
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\092618 THCQ TS\QuantResults\092618 THC Quant.batch.bin | | |
| **Analysis Time** | 9/27/2018 3:50 PM | **Analyst Name** | ISPUser |
| **Report Time** | 9/27/2018 3:52 PM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/27/2018 3:50 PM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-26 19:39 | **Data File** | QC Control.d |
| **Sample Type** | Sample | **Sample Name** | QC Control |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-H7 | **Sample Info** | |
| **Inj Vol** | -1 | **Comment** | |

## Sample Chromatogram




## Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|---|---|---|---|---|---|---|
| THC-OH | THC-OH-D3 | 2.319 | 57240 | 572220 | 0.1000 | 9.5158 |
| THC-COOH | THC-COOH-D9 | 2.419 | 61442 | 163847 | 0.3750 | 10.9057 |
| THC | THC-D3 | 6.186 | 19459 | 168681 | 0.1154 | 9.7869 |

# ISP Forensics
# Calibration Curve Report

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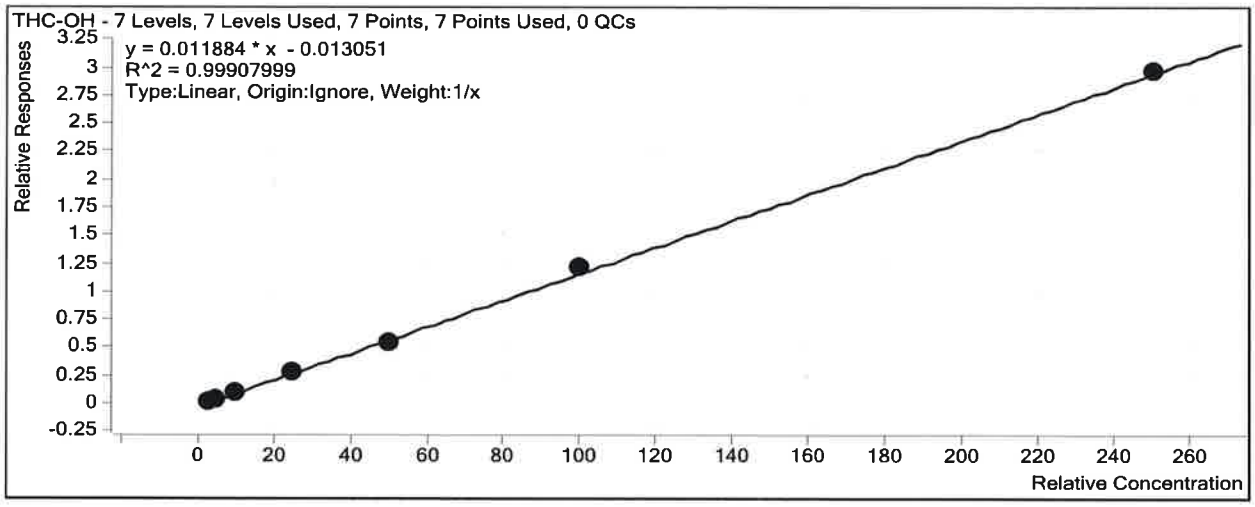
| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\092618 THCQ TS\QuantResults\092618 THC Quant.batch.bin | | |
| **Last Calib Update** | 9/27/2018 3:50 PM | **Analyst Name** | ISP TOX |

***Target Compound*** *THC-OH*

*Internal Standard* *THC-OH-D3*

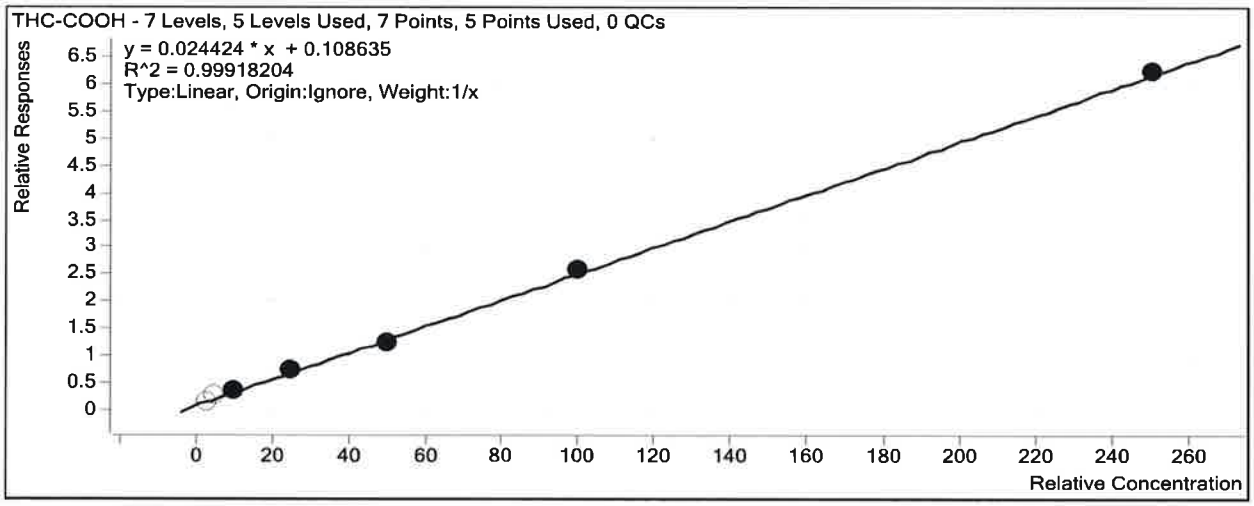



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|---|---|---|---|---|---|
| Cal 1 | 1 | ☑ | 3 | 3.3 | 111.0 |
| Cal 2 | 2 | ☑ | 5 | 4.9 | 97.0 |
| Cal 3 | 3 | ☑ | 10 | 9.7 | 97.4 |
| Cal 4 | 4 | ☑ | 25 | 24.2 | 96.8 |
| Cal 5 | 5 | ☑ | 50 | 47.1 | 94.3 |
| Cal 6 | 6 | ☑ | 100 | 103.3 | 103.3 |
| Cal 7 | 7 | ☑ | 250 | 250.5 | 100.2 |

# ISP Forensics
# Calibration Curve Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\092618 THCQ TS\QuantResults\092618 THC Quant.batch.bin | | |
| **Last Calib Update** | 9/27/2018 3:50 PM | **Analyst Name** | ISP TOX |

***Target Compound*** *THC-COOH*
*Internal Standard* *THC-COOH-D9*



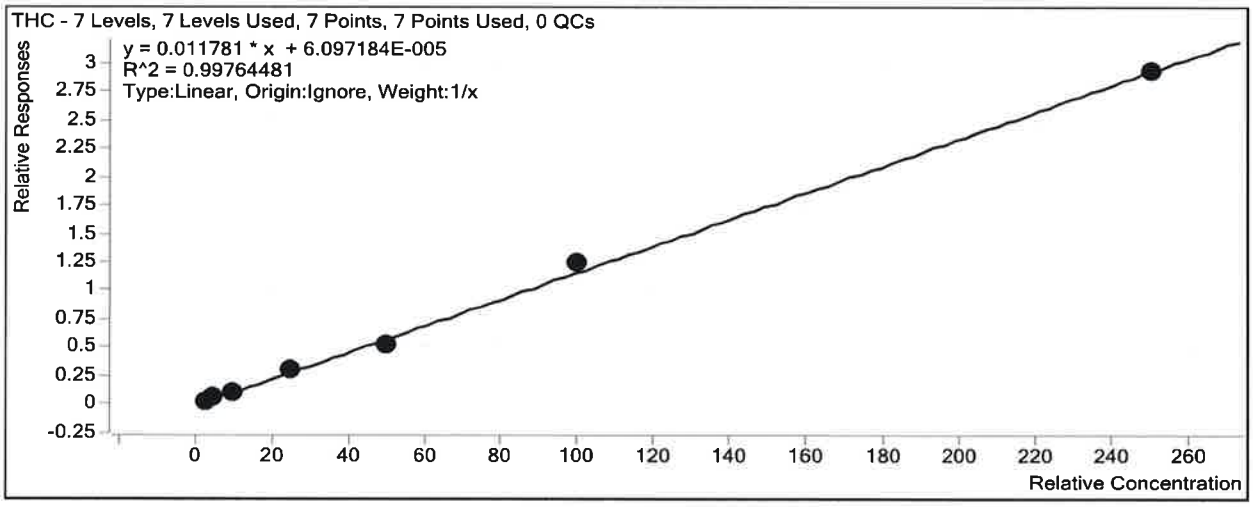

| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|---|---|---|---|---|---|
| Cal 1 | 1 | ☐ | 3 | 2.6 | 88.3 |
| Cal 2 | 2 | ☐ | 5 | 6.4 | 127.4 |
| Cal 3 | 3 | ☑ | 10 | 10.3 | 103.4 |
| Cal 4 | 4 | ☑ | 25 | 25.3 | 101.0 |
| Cal 5 | 5 | ☑ | 50 | 46.8 | 93.7 |
| Cal 6 | 6 | ☑ | 100 | 101.4 | 101.4 |
| Cal 7 | 7 | ☑ | 250 | 251.1 | 100.5 |

# ISP Forensics
# Calibration Curve Report

15

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\092618 THCQ TS\QuantResults\092618 THC Quant.batch.bin | | |
| **Last Calib Update** | 9/27/2018 3:50 PM | **Analyst Name** | ISP TOX |

***Target Compound*** *THC*
*Internal Standard* *THC-D3*




| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|---|---|---|---|---|---|
| Cal 1 | 1 | ☑ | 3 | 2.9 | 96.2 |
| Cal 2 | 2 | ☑ | 5 | 5.5 | 110.3 |
| Cal 3 | 3 | ☑ | 10 | 9.7 | 96.9 |
| Cal 4 | 4 | ☑ | 25 | 25.2 | 100.9 |
| Cal 5 | 5 | ☑ | 50 | 45.2 | 90.4 |
| Cal 6 | 6 | ☑ | 100 | 105.9 | 105.9 |
| Cal 7 | 7 | ☑ | 250 | 248.6 | 99.4 |

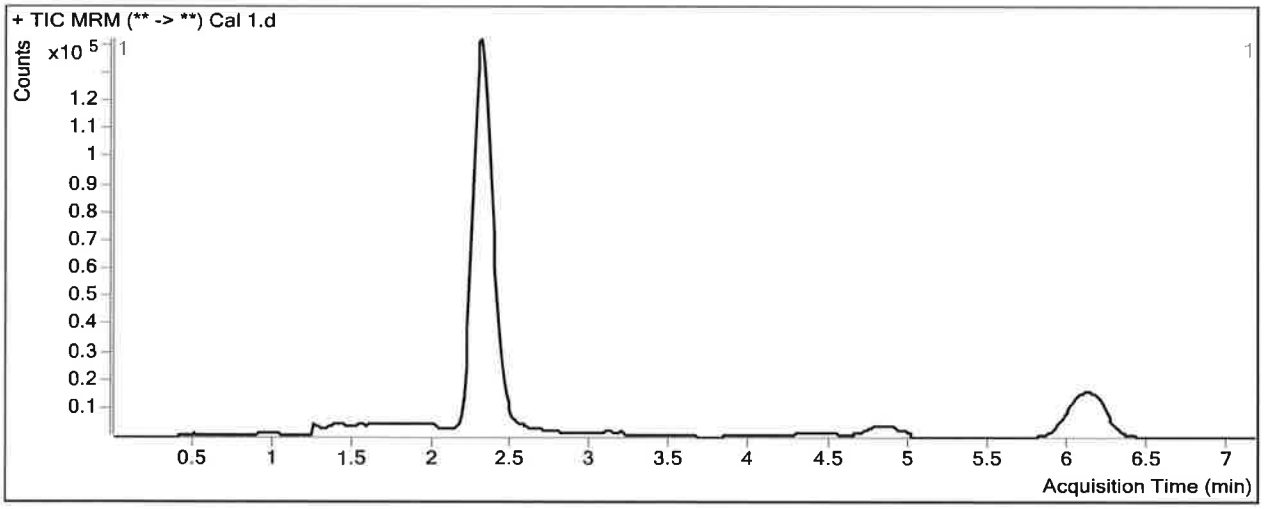
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\092618 THCQ TS\QuantResults\092618 THC Quant.batch.bin | | |
| **Analysis Time** | 9/27/2018 3:50 PM | **Analyst Name** | ISPUser |
| **Report Time** | 9/27/2018 3:51 PM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/27/2018 3:50 PM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-26 18:05 | **Data File** | Cal 1.d |
| **Sample Type** | Calibration | **Sample Name** | Cal 1 |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-A7 | **Sample Info** | |
| **Inj Vol** | -1 | **Comment** | |

## Sample Chromatogram




## Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|---|---|---|---|---|---|---|
| THC-OH | THC-OH-D3 | 2.305 | 24270 | 914755 | 0.0265 | 3.3309 |
| THC-COOH | THC-COOH-D9 | 2.406 | 43695 | 252114 | 0.1733 | 2.6483 |
| THC | THC-D3 | 6.159 | 8829 | 259181 | 0.0341 | 2.8863 |

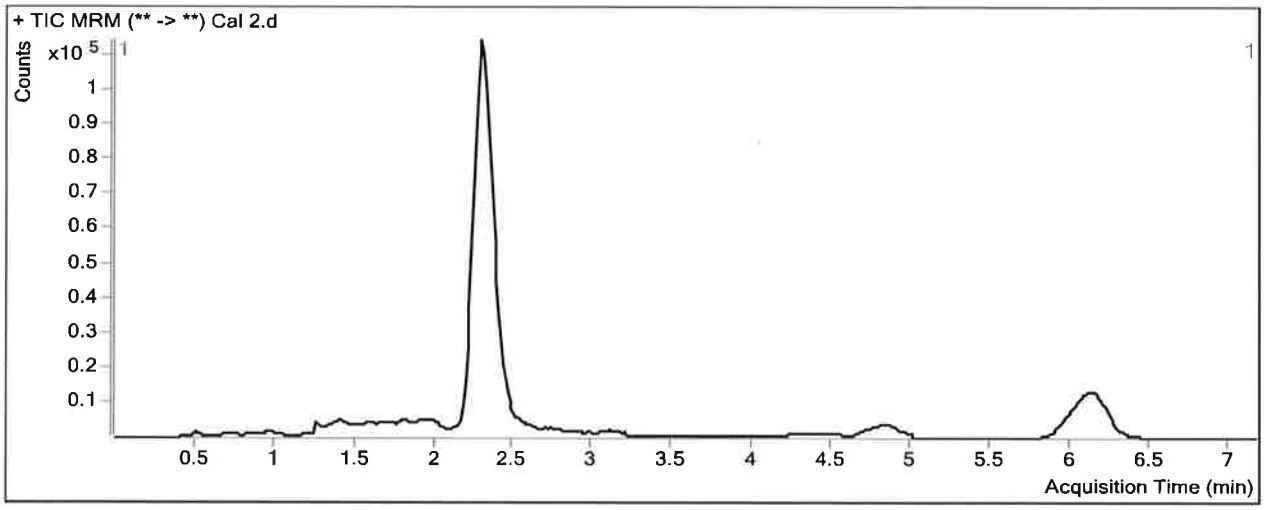
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\092618 THCQ TS\QuantResults\092618 THC Quant.batch.bin | | |
| **Analysis Time** | 9/27/2018 3:50 PM | **Analyst Name** | ISPUser |
| **Report Time** | 9/27/2018 3:51 PM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/27/2018 3:50 PM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-26 18:16 | **Data File** | Cal 2.d |
| **Sample Type** | Calibration | **Sample Name** | Cal 2 |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-B7 | **Sample Info** | |
| **Inj Vol** | -1 | **Comment** | |

## Sample Chromatogram




## Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|---|---|---|---|---|---|---|
| THC-OH | THC-OH-D3 | 2.305 | 31567 | 707906 | 0.0446 | 4.8507 |
| THC-COOH | THC-COOH-D9 | 2.419 | 52873 | 200097 | 0.2642 | 6.3709 |
| THC | THC-D3 | 6.159 | 12923 | 198684 | 0.0650 | 5.5157 |

TS

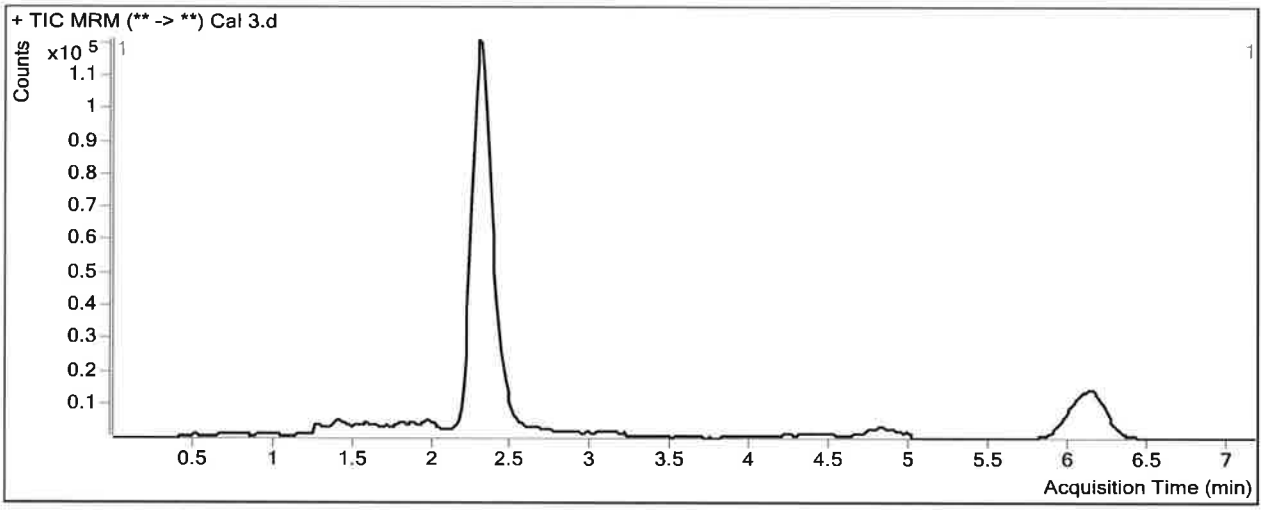
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\092618 THCQ TS\QuantResults\092618 THC Quant.batch.bin | | |
| **Analysis Time** | 9/27/2018 3:50 PM | **Analyst Name** | ISPUser |
| **Report Time** | 9/27/2018 3:51 PM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/27/2018 3:50 PM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-26 18:28 | **Data File** | Cal 3.d |
| **Sample Type** | Calibration | **Sample Name** | Cal 3 |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-C7 | **Sample Info** | |
| **Inj Vol** | -1 | **Comment** | |

## Sample Chromatogram




## Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|---|---|---|---|---|---|---|
| THC-OH | THC-OH-D3 | 2.305 | 72995 | 710684 | 0.1027 | 9.7414 |
| THC-COOH | THC-COOH-D9 | 2.406 | 73916 | 204636 | 0.3612 | 10.3412 |
| THC | THC-D3 | 6.172 | 22822 | 199911 | 0.1142 | 9.6850 |

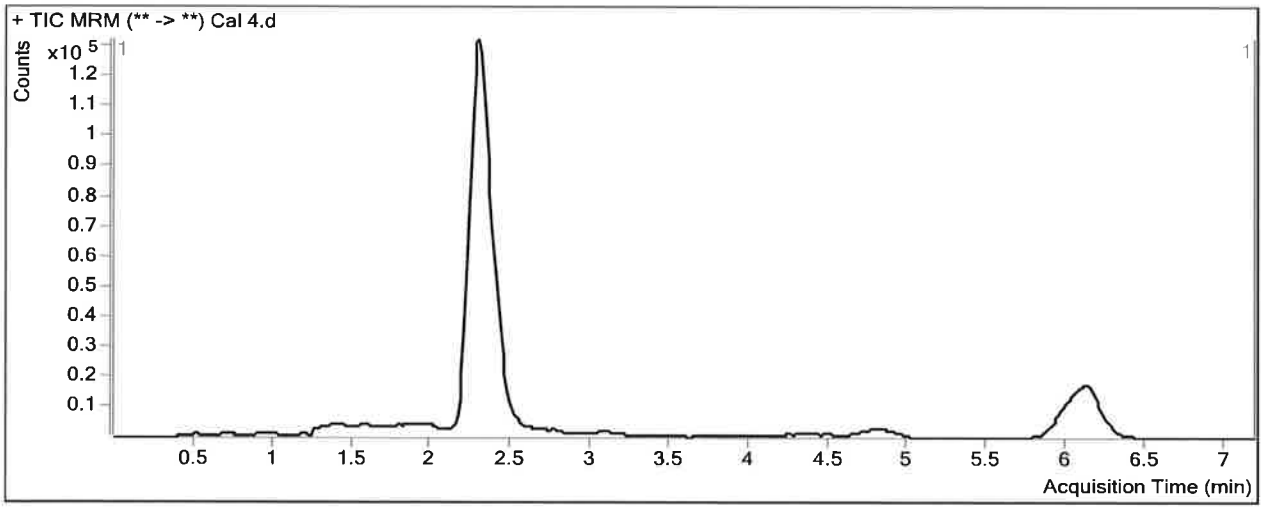
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\092618 THCQ TS\QuantResults\092618 THC Quant.batch.bin | | |
| **Analysis Time** | 9/27/2018 3:50 PM | **Analyst Name** | ISPUser |
| **Report Time** | 9/27/2018 3:51 PM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/27/2018 3:50 PM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-26 18:40 | **Data File** | Cal 4.d |
| **Sample Type** | Calibration | **Sample Name** | Cal 4 |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-D7 | **Sample Info** | |
| **Inj Vol** | -1 | **Comment** | |

## Sample Chromatogram




## Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|---|---|---|---|---|---|---|
| THC-OH | THC-OH-D3 | 2.305 | 188355 | 686029 | 0.2746 | 24.2023 |
| THC-COOH | THC-COOH-D9 | 2.392 | 135209 | 186379 | 0.7255 | 25.2546 |
| THC | THC-D3 | 6.132 | 56145 | 188969 | 0.2971 | 25.2143 |

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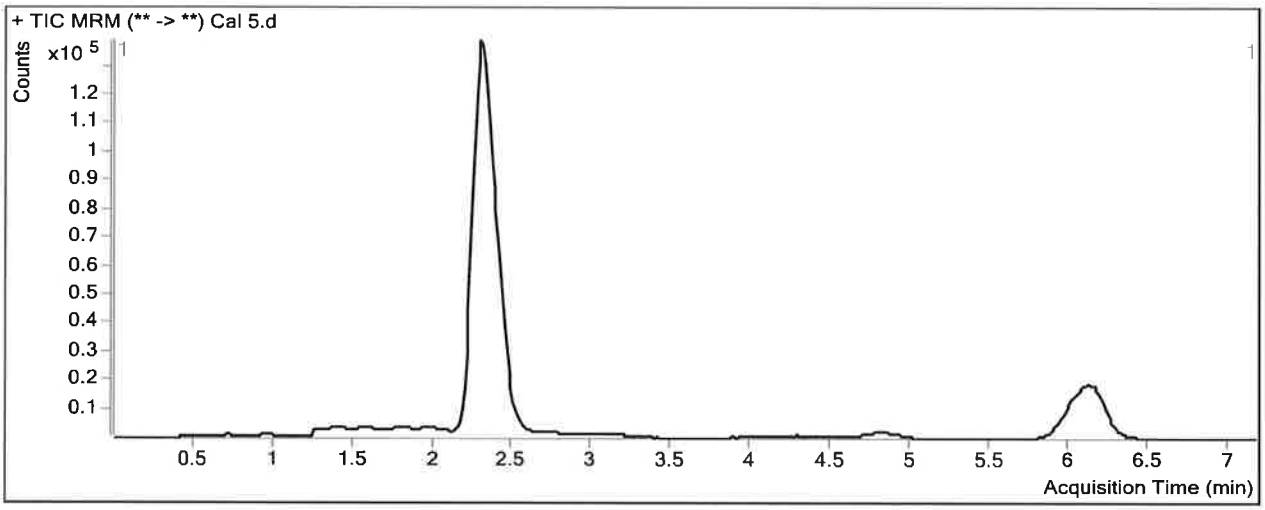
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\092618 THCQ TS\QuantResults\092618 THC Quant.batch.bin | | |
| **Analysis Time** | 9/27/2018 3:50 PM | **Analyst Name** | ISPUser |
| **Report Time** | 9/27/2018 3:51 PM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/27/2018 3:50 PM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-26 18:52 | **Data File** | Cal 5.d |
| **Sample Type** | Calibration | **Sample Name** | Cal 5 |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-E7 | **Sample Info** | |
| **Inj Vol** | -1 | **Comment** | |

## Sample Chromatogram




## Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|---|---|---|---|---|---|---|
| THC-OH | THC-OH-D3 | 2.305 | 306937 | 560974 | 0.5472 | 47.1409 |
| THC-COOH | THC-COOH-D9 | 2.406 | 207644 | 165742 | 1.2528 | 46.8467 |
| THC | THC-D3 | 6.172 | 83091 | 155953 | 0.5328 | 45.2188 |

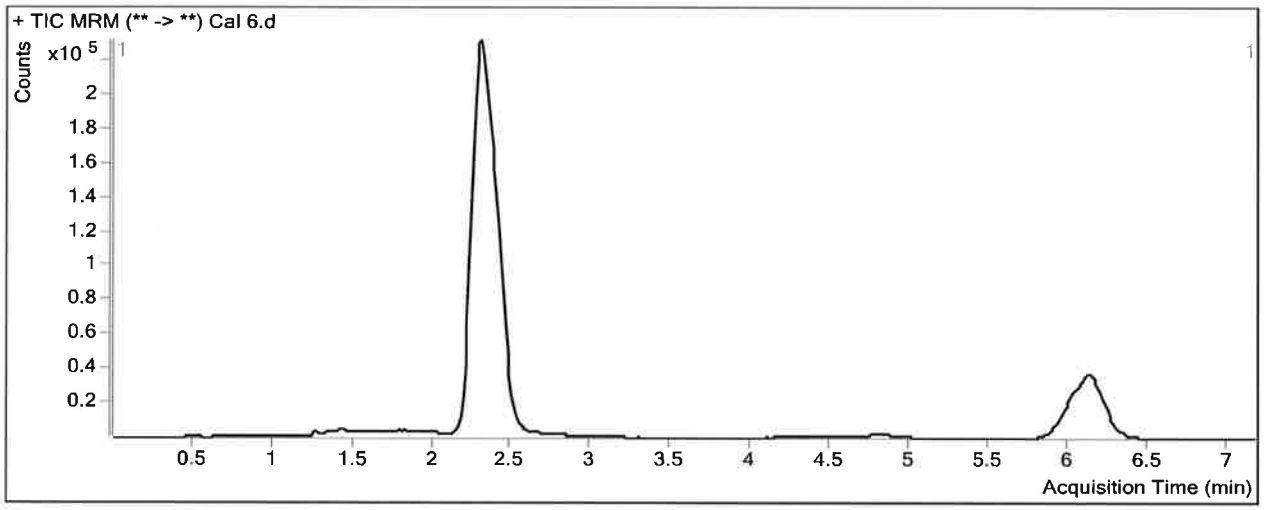
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\092618 THCQ TS\QuantResults\092618 THC Quant.batch.bin | | |
| **Analysis Time** | 9/27/2018 3:50 PM | **Analyst Name** | ISPUser |
| **Report Time** | 9/27/2018 3:51 PM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/27/2018 3:50 PM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-26 19:04 | **Data File** | Cal 6.d |
| **Sample Type** | Calibration | **Sample Name** | Cal 6 |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-F7 | **Sample Info** | |
| **Inj Vol** | -1 | **Comment** | |

## Sample Chromatogram




## Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|---|---|---|---|---|---|---|
| THC-OH | THC-OH-D3 | 2.305 | 812457 | 669173 | 1.2141 | 103.2664 |
| THC-COOH | THC-COOH-D9 | 2.406 | 478089 | 184892 | 2.5858 | 101.4226 |
| THC | THC-D3 | 6.132 | 234029 | 187575 | 1.2477 | 105.8973 |

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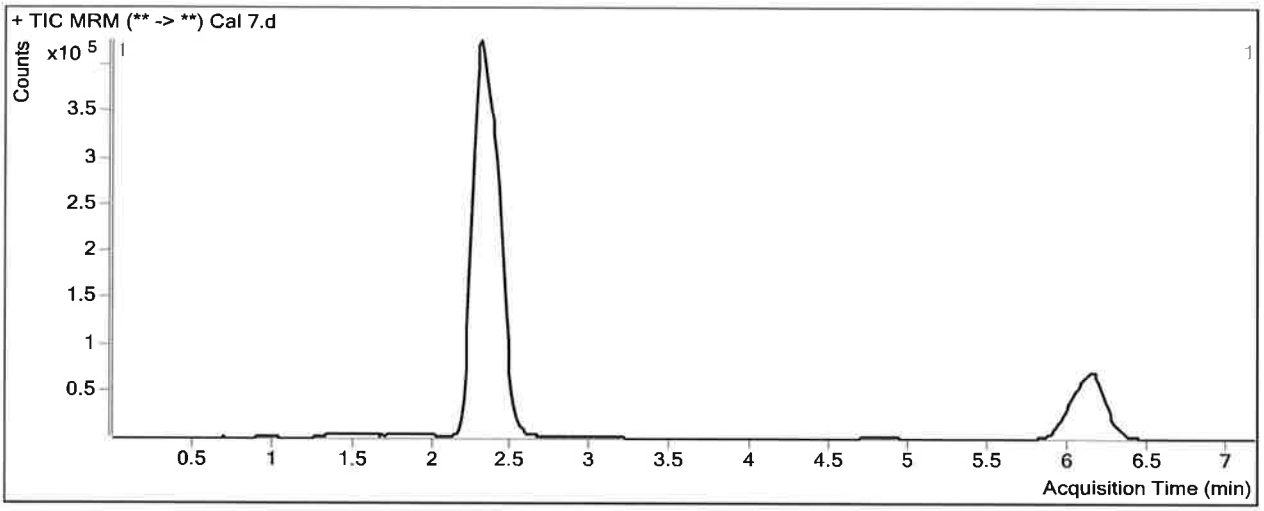
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\092618 THCQ TS\QuantResults\092618 THC Quant.batch.bin | | |
| **Analysis Time** | 9/27/2018 3:50 PM | **Analyst Name** | ISPUser |
| **Report Time** | 9/27/2018 3:51 PM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/27/2018 3:50 PM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-26 19:16 | **Data File** | Cal 7.d |
| **Sample Type** | Calibration | **Sample Name** | Cal 7 |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-G7 | **Sample Info** | |
| **Inj Vol** | -1 | **Comment** | |

## Sample Chromatogram




## Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|---|---|---|---|---|---|---|
| THC-OH | THC-OH-D3 | 2.305 | 1994769 | 673137 | 2.9634 | 250.4675 |
| THC-COOH | THC-COOH-D9 | 2.406 | 1110795 | 177945 | 6.2423 | 251.1349 |
| THC | THC-D3 | 6.159 | 542257 | 185156 | 2.9286 | 248.5825 |