**REVIEWED**
*By Anne Nord at 7:55 am, Sep 07, 2018*

9/4/2018

## Worklist: 2672

| LAB_CASE | ITEM | TASK_ID | DESCRIPTION |
|---|---|---|---|
| M2018-3779 | 1 | 126070 | AM 27 Blood THC Quant by LC-QQQ |
| M2018-4043 | 2 | 126071 | AM 27 Blood THC Quant by LC-QQQ |
| P2018-2033 | 1 | 126072 | AM 27 Blood THC Quant by LC-QQQ |
| P2018-2038 | 1 | 126073 | AM 27 Blood THC Quant by LC-QQQ |
| P2018-2287 | 2 | 126074 | AM 27 Blood THC Quant by LC-QQQ |
| P2018-2339 | 1 | 126075 | AM 27 Blood THC Quant by LC-QQQ |
| P2018-2385 | 1 | 126076 | AM 27 Blood THC Quant by LC-QQQ |

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

Extraction Date: 09/04/18 Analyst: Sarah Pickle
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 (calibrated pipette) Pipette ID: 3382167** 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.
☒ 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: 090418 THCQ SP Batch Name: 090418 THCQ SP worklist 2672
☒ 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: *Curve range limited: Carboxy THC 10-250*

# Idaho State Police Forensic Services

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

**Analyst: Sarah Pickle**
**Extraction Date: 9/4/18**
**Worklist Number: 2672**

| *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 | | 12/27/17 | | |
| Methanol External Control Solution | WS020718 | 02/07/19 | 02/07/18 | | |
| Blood External Control Solution | 090418 | 02/07/19 | 09/04/18 | | |
| Methyl Tert-Butyl Ether (MTBE) 99.9% | A0375555 | | 6/26/17 | | |
| Hexanes (ACS) | 101642 | | 10/26/17 | | |
| Methanol (LCMS Grade) | 177145 | | 4/11/18 | | |
| 0.1% Formic Acid in Water (Mobile Phase A) | 180079 | | 08/24/18 | | |
| 0.1% Formic Acid in Acetonitrile (Mobile Phase B) | 176190 | | 2/6/18 | | |
| Needle Rinse--75% LCMS MeOH in LCMS Water | 090418 | | 09/04/18 | | |

**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: 090418)**
*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: | 09/04/18 | |
| Prepared by: | Sarah Pickle | |
| Expires: | 02/07/19 | |

**Needle Rinse (75% LCMS MeOH in LCMS Water) (Lot: 090418)**

| *Component* | *Source* | *Source Lot Number* |
|---|---|---|
| MeOH (LCMS Grade) | Fisher | 177145 |
| Water (LCMS Grade) | Fisher | 181370 |
| Prepared: | 09/04/18 | |
| Prepared By: | Sarah Pickle | |

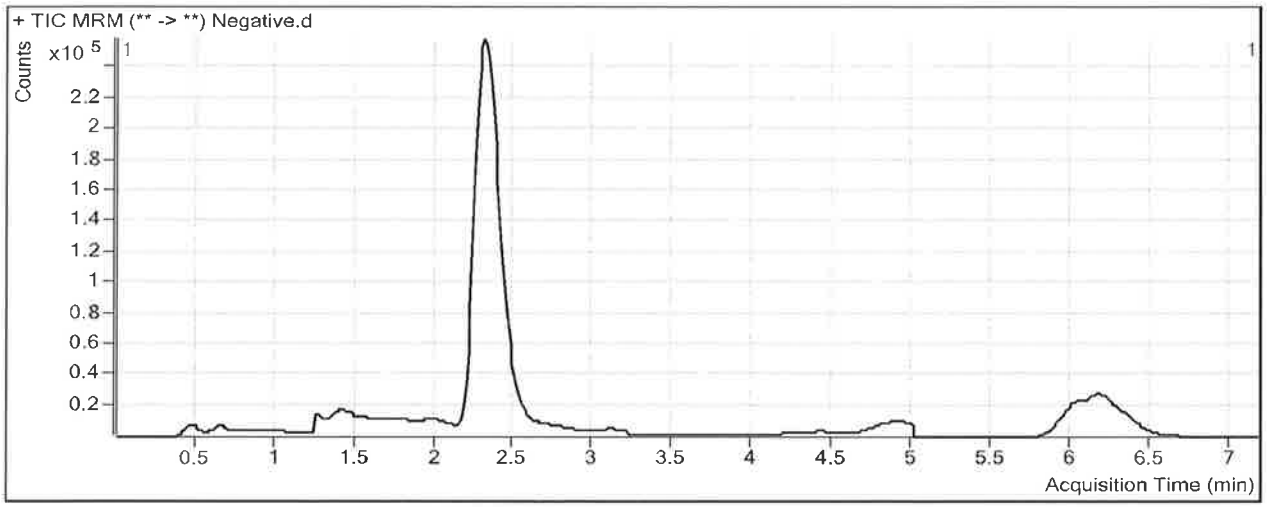
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\090418 THCQ TS\QuantResults\090418 THCQ worklist 2672 SP.batch.b | | |
| **Analysis Time** | 9/5/2018 7:55 AM | **Analyst Name** | ISPUser |
| **Report Time** | 9/5/2018 8:02 AM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/5/2018 7:55 AM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-04 13:32 | **Data File** | Negative.d |
| **Sample Type** | Sample | **Sample Name** | Negative |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-H7 | **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 | 2.199 | 9627 | 2200331 | 0.0044 | 0.0000 |
| THC-COOH | THC-COOH-D9 | 2.406 | 44096 | 584144 | 0.0755 | 1.0771 |

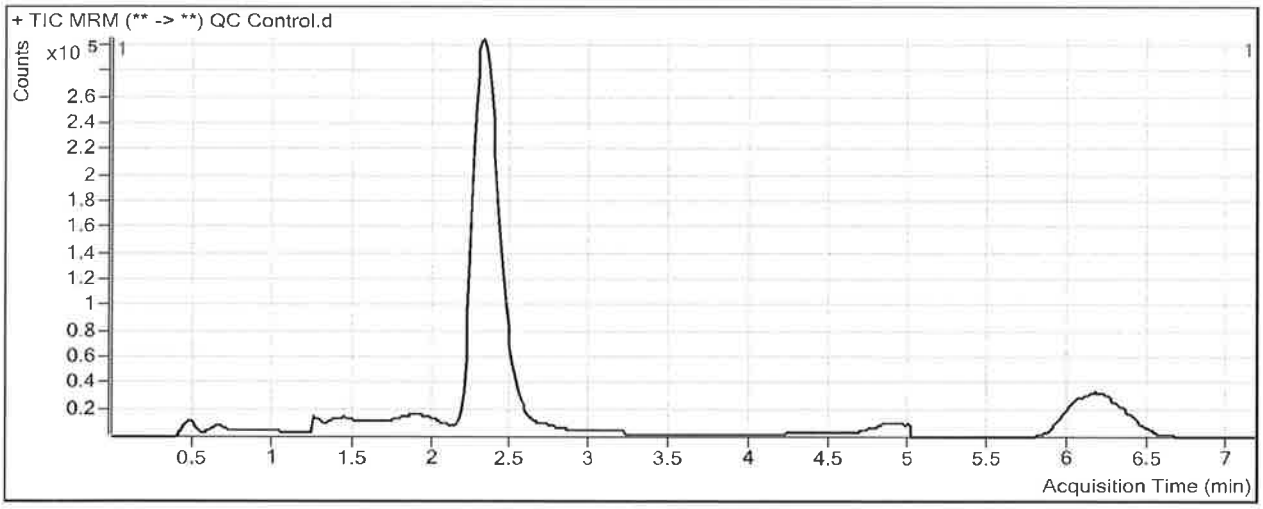
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\090418 THCQ TS\QuantResults\090418 THCQ worklist 2672 SP.batch.b | | |
| **Analysis Time** | 9/5/2018 7:55 AM | **Analyst Name** | ISPUser |
| **Report Time** | 9/5/2018 8:02 AM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/5/2018 7:55 AM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-04 13:08 | **Data File** | QC Control.d |
| **Sample Type** | Sample | **Sample Name** | QC Control |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-A8 | **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 | 309235 | 2258819 | 0.1369 | 9.4510 |
| THC-COOH | THC-COOH-D9 | 2.419 | 207508 | 614895 | 0.3375 | 10.9475 |
| THC | THC-D3 | 6.172 | 99661 | 707070 | 0.1409 | 10.7733 |

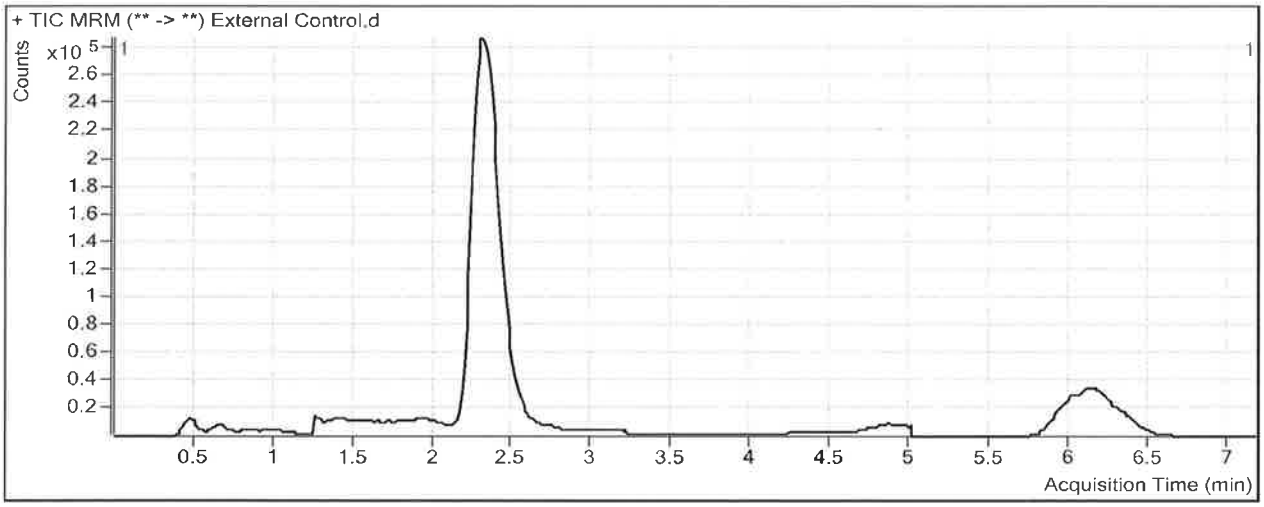
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\090418 THCQ SP\QuantResults\090418 THCQ worklist 2672 SP.batch.b | | |
| **Analysis Time** | 9/5/2018 2:44 PM | **Analyst Name** | ISPUser |
| **Report Time** | 9/5/2018 2:45 PM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/5/2018 2:44 PM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-04 13:56 | **Data File** | External Control.d |
| **Sample Type** | Sample | **Sample Name** | External Control |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-G7 | **Sample Info** | |
| **Inj Vol** | -1 | **Comment** | Hemostat 361331-1 + WS 020718 |

## Sample Chromatogram



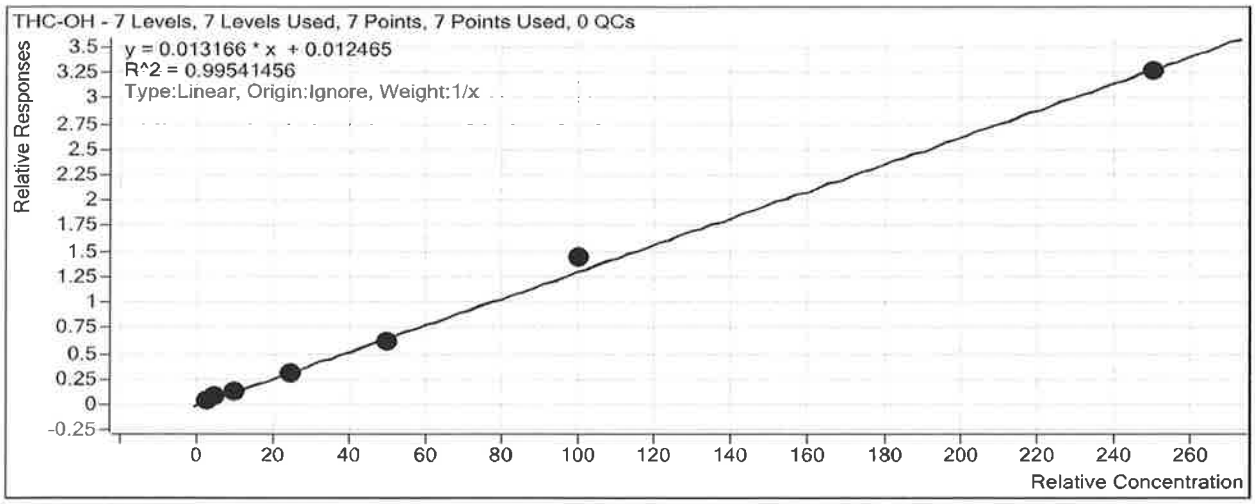

## Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|---|---|---|---|---|---|---|
| THC-OH | THC-OH-D3 | 2.305 | 324280 | 2147394 | 0.1510 | 10.5227 |
| THC-COOH | THC-COOH-D9 | 2.406 | 233297 | 604275 | 0.3861 | 12.7788 |
| THC | THC-D3 | 6.146 | 109680 | 697425 | 0.1573 | 12.0308 |

# ISP Forensics
# Calibration Curve Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\090418 THCQ TS\QuantResults\090418 THCQ worklist 2672 SP.batch.bin | | |
| **Last Calib Update** | 9/5/2018 7:55 AM | **Analyst Name** | ISP TOX |

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



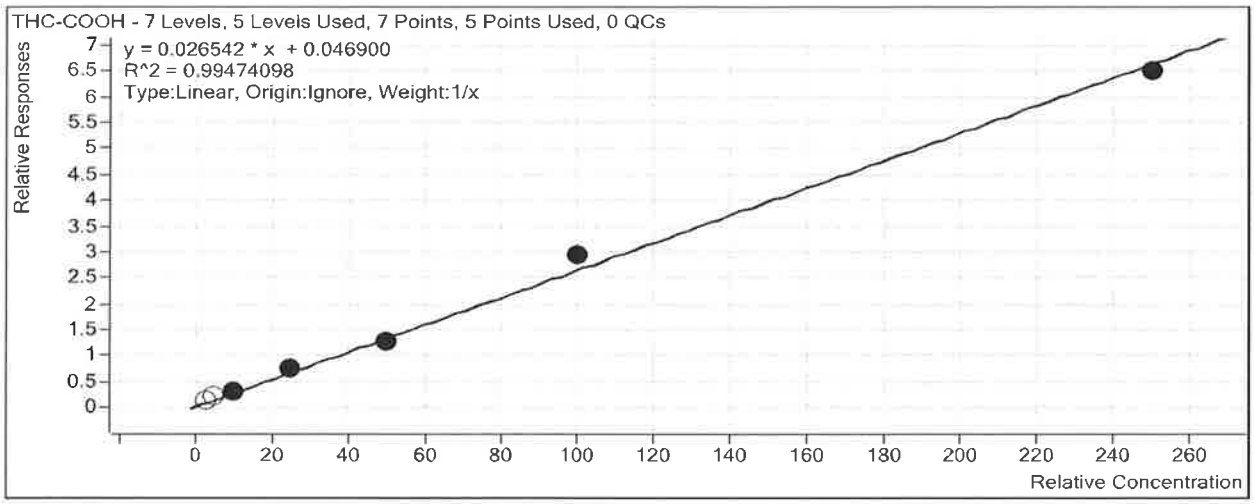

| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|---|---|---|---|---|---|
| Cal 1 | 1 | ☑ | 3 | 3.2 | 105.2 |
| Cal 2 | 2 | ☑ | 5 | 5.8 | 116.3 |
| Cal 3 | 3 | ☑ | 10 | 8.5 | 85.2 |
| Cal 4 | 4 | ☑ | 25 | 23.5 | 93.8 |
| Cal 5 | 5 | ☑ | 50 | 45.7 | 91.4 |
| Cal 6 | 6 | ☑ | 100 | 109.3 | 109.3 |
| Cal 7 | 7 | ☑ | 250 | 247.1 | 98.8 |

# ISP Forensics
# Calibration Curve Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\090418 THCQ TS\QuantResults\090418 THCQ worklist 2672 SP.batch.bin | | |
| **Last Calib Update** | 9/5/2018 7:55 AM | **Analyst Name** | ISP TOX |

***Target Compound*** *THC-COOH*

*Internal Standard* *THC-COOH-D9*

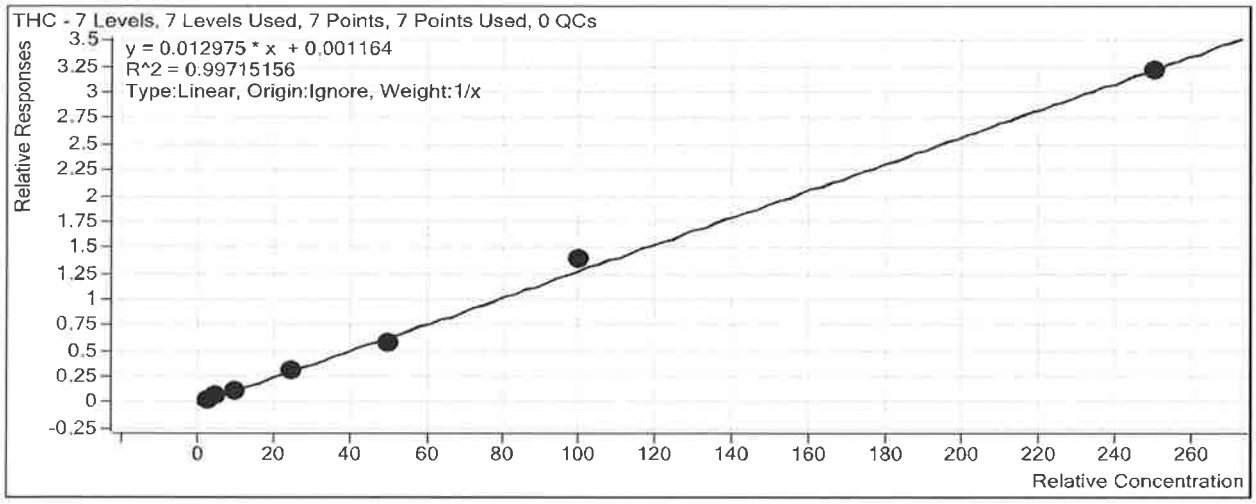



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|---|---|---|---|---|---|
| Cal 1 | 1 | ☐ | 3 | 4.1 | 136.2 |
| Cal 2 | 2 | ☐ | 5 | 6.7 | 133.1 |
| Cal 3 | 3 | ☑ | 10 | 9.3 | 93.4 |
| Cal 4 | 4 | ☑ | 25 | 26.8 | 107.3 |
| Cal 5 | 5 | ☑ | 50 | 46.3 | 92.6 |
| Cal 6 | 6 | ☑ | 100 | 109.5 | 109.5 |
| Cal 7 | 7 | ☑ | 250 | 243.0 | 97.2 |

# ISP Forensics
# Calibration Curve Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\090418 THCQ TS\QuantResults\090418 THCQ worklist 2672 SP.batch.bin | | |
| **Last Calib Update** | 9/5/2018 7:55 AM | **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 | 97.4 |
| Cal 2 | 2 | ☑ | 5 | 5.6 | 111.5 |
| Cal 3 | 3 | ☑ | 10 | 9.5 | 94.8 |
| Cal 4 | 4 | ☑ | 25 | 24.8 | 99.3 |
| Cal 5 | 5 | ☑ | 50 | 45.4 | 90.7 |
| Cal 6 | 6 | ☑ | 100 | 107.2 | 107.2 |
| Cal 7 | 7 | ☑ | 250 | 247.6 | 99.1 |

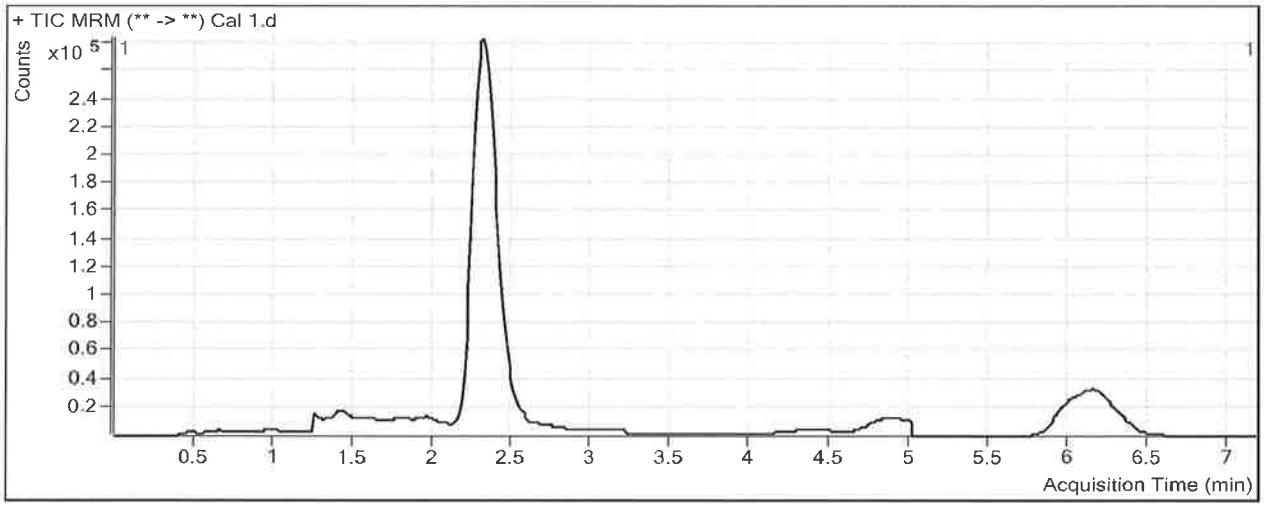
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\090418 THCQ TS\QuantResults\090418 THCQ worklist 2672 SP.batch.b | | |
| **Analysis Time** | 9/5/2018 7:55 AM | **Analyst Name** | ISPUser |
| **Report Time** | 9/5/2018 8:01 AM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/5/2018 7:55 AM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-04 11:34 | **Data File** | Cal 1.d |
| **Sample Type** | Calibration | **Sample Name** | Cal 1 |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-H8 | **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 | 118892 | 2200496 | 0.0540 | 3.1569 |
| THC-COOH | THC-COOH-D9 | 2.406 | 95187 | 612773 | 0.1553 | 4.0855 |
| THC | THC-D3 | 6.199 | 28767 | 736166 | 0.0391 | 2.9219 |

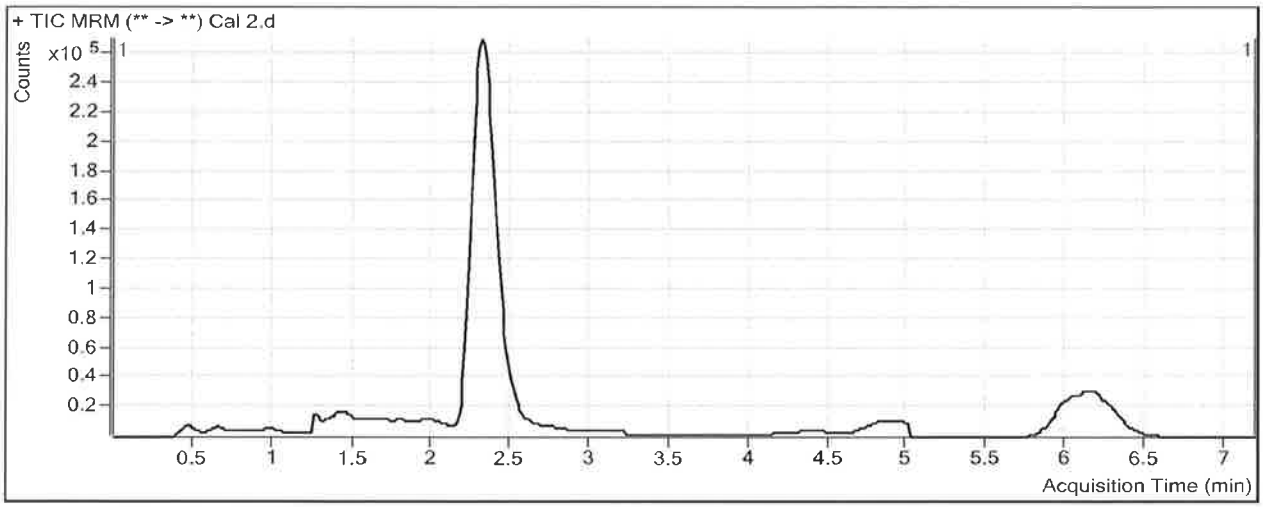
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\090418 THCQ TS\QuantResults\090418 THCQ worklist 2672 SP.batch.b | | |
| **Analysis Time** | 9/5/2018 7:55 AM | **Analyst Name** | ISPUser |
| **Report Time** | 9/5/2018 8:01 AM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/5/2018 7:55 AM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-04 11:46 | **Data File** | Cal 2.d |
| **Sample Type** | Calibration | **Sample Name** | Cal 2 |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-G8 | **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 | 180758 | 2030494 | 0.0890 | 5.8146 |
| THC-COOH | THC-COOH-D9 | 2.406 | 129420 | 578825 | 0.2236 | 6.6570 |
| THC | THC-D3 | 6.132 | 49187 | 668963 | 0.0735 | 5.5771 |

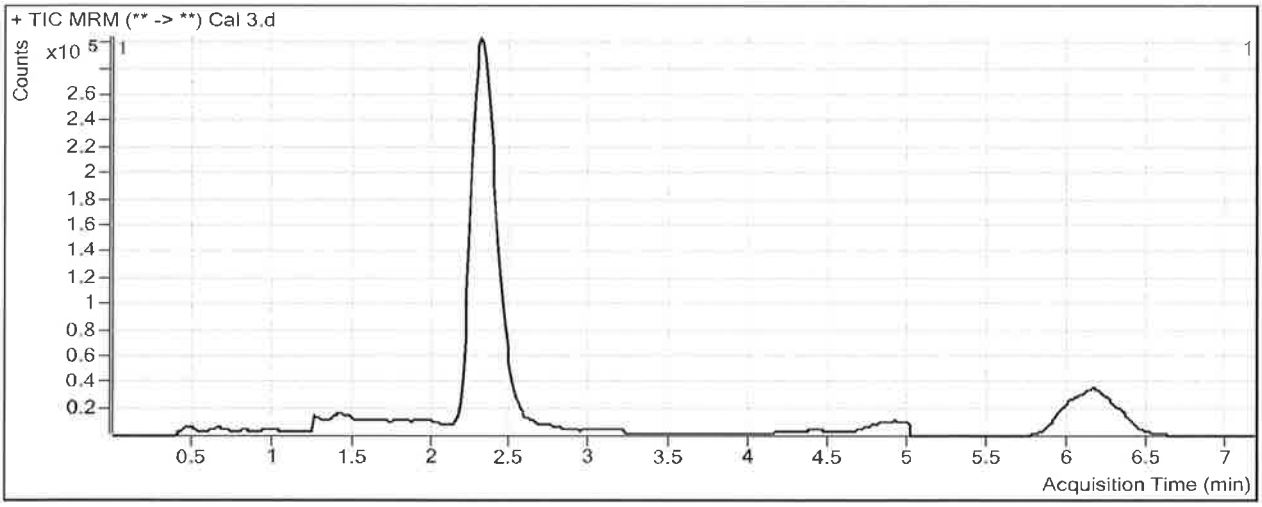
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\090418 THCQ TS\QuantResults\090418 THCQ worklist 2672 SP.batch.b | | |
| **Analysis Time** | 9/5/2018 7:55 AM | **Analyst Name** | ISPUser |
| **Report Time** | 9/5/2018 8:01 AM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/5/2018 7:55 AM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-04 11:57 | **Data File** | Cal 3.d |
| **Sample Type** | Calibration | **Sample Name** | Cal 3 |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-F8 | **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 | 271048 | 2174384 | 0.1247 | 8.5209 |
| THC-COOH | THC-COOH-D9 | 2.406 | 183812 | 623668 | 0.2947 | 9.3371 |
| THC | THC-D3 | 6.146 | 87667 | 706183 | 0.1241 | 9.4780 |

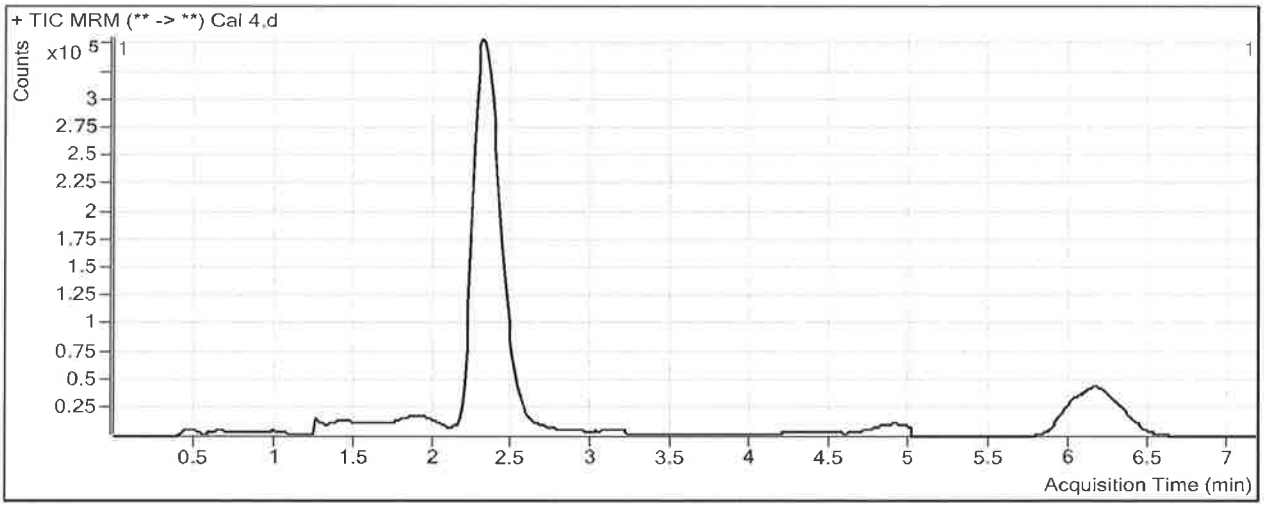
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\090418 THCQ TS\QuantResults\090418 THCQ worklist 2672 SP.batch.b | | |
| **Analysis Time** | 9/5/2018 7:55 AM | **Analyst Name** | ISPUser |
| **Report Time** | 9/5/2018 8:01 AM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/5/2018 7:55 AM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-04 12:09 | **Data File** | Cal 4.d |
| **Sample Type** | Calibration | **Sample Name** | Cal 4 |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-E8 | **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 | 692658 | 2156216 | 0.3212 | 23.4515 |
| THC-COOH | THC-COOH-D9 | 2.406 | 458458 | 604140 | 0.7589 | 26.8238 |
| THC | THC-D3 | 6.159 | 225160 | 696492 | 0.3233 | 24.8255 |

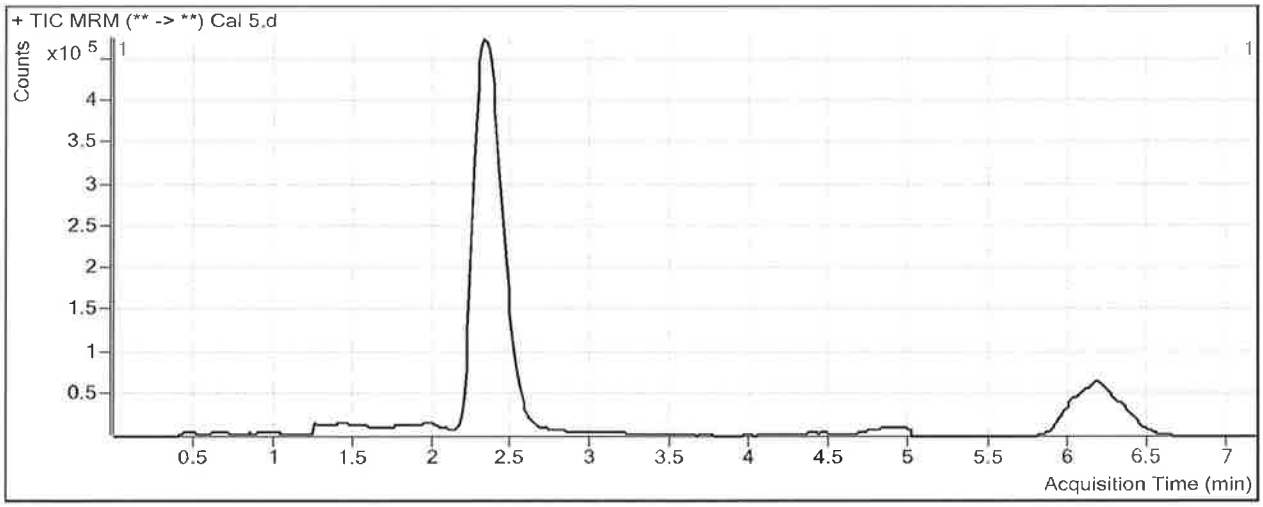
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\090418 THCQ TS\QuantResults\090418 THCQ worklist 2672 SP.batch.b | | |
| **Analysis Time** | 9/5/2018 7:55 AM | **Analyst Name** | ISPUser |
| **Report Time** | 9/5/2018 8:02 AM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/5/2018 7:55 AM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-04 12:21 | **Data File** | Cal 5.d |
| **Sample Type** | Calibration | **Sample Name** | Cal 5 |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-D8 | **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 | 1451197 | 2364089 | 0.6139 | 45.6757 |
| THC-COOH | THC-COOH-D9 | 2.419 | 840505 | 658544 | 1.2763 | 46.3191 |
| THC | THC-D3 | 6.186 | 455030 | 771561 | 0.5898 | 45.3629 |

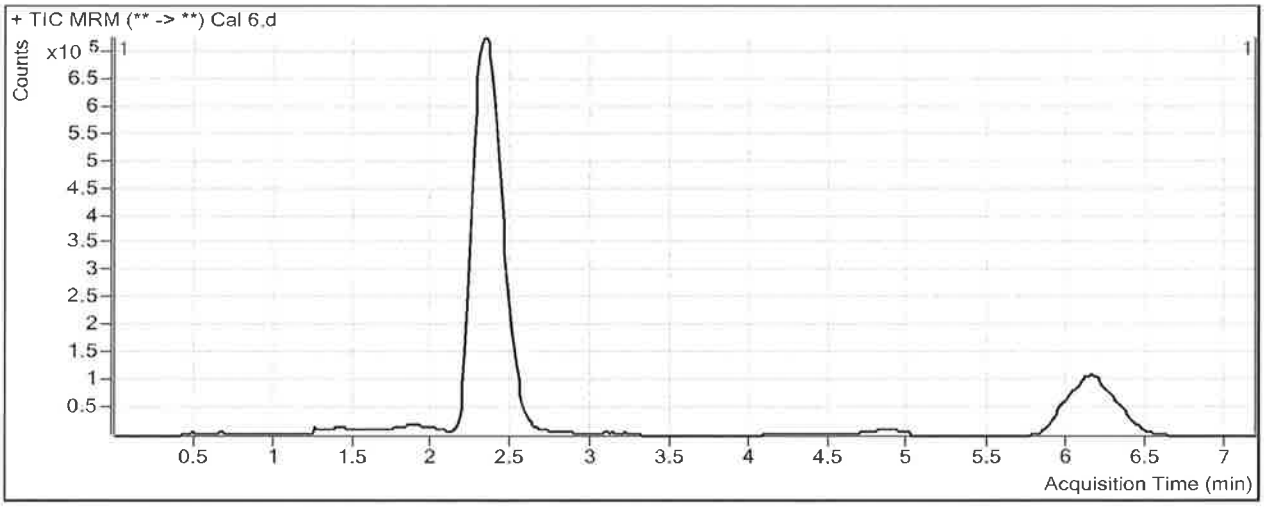
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\090418 THCQ TS\QuantResults\090418 THCQ worklist 2672 SP.batch.b | | |
| **Analysis Time** | 9/5/2018 7:55 AM | **Analyst Name** | ISPUser |
| **Report Time** | 9/5/2018 8:02 AM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/5/2018 7:55 AM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-04 12:33 | **Data File** | Cal 6.d |
| **Sample Type** | Calibration | **Sample Name** | Cal 6 |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-C8 | **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 | 3390570 | 2336526 | 1.4511 | 109.2666 |
| THC-COOH | THC-COOH-D9 | 2.406 | 1812206 | 613744 | 2.9527 | 109.4789 |
| THC | THC-D3 | 6.146 | 1096068 | 787367 | 1.3921 | 107.1978 |

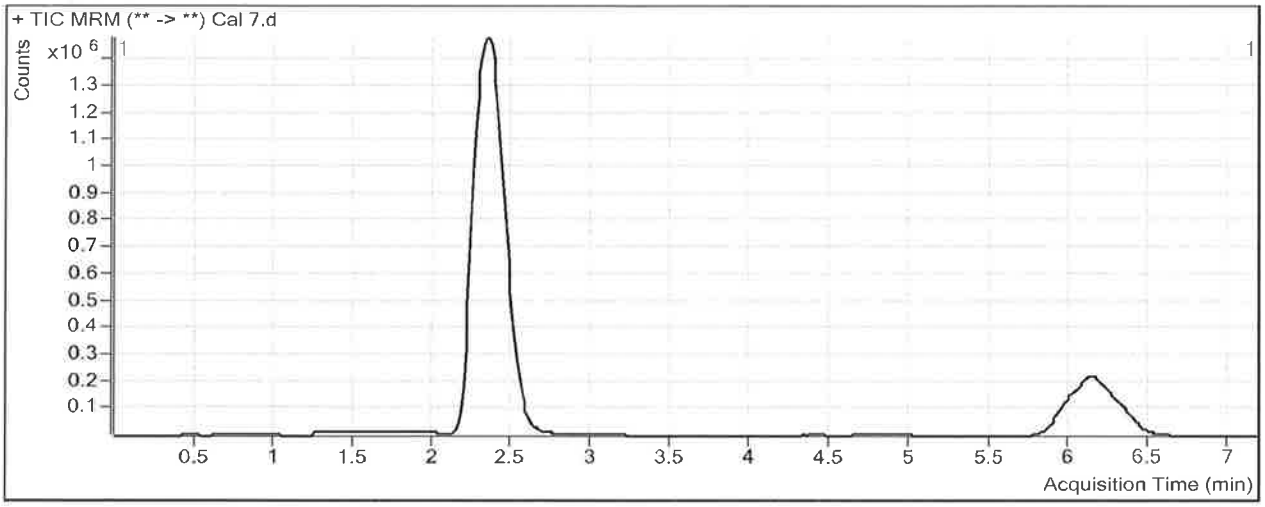
# ISP FORENSICS - Pocatello Instrument # 59740
# Cannabinoids Analysis Report

| | | | |
|---|---|---|---|
| **Batch Data Path** | C:\MassHunter\Data\2018\THC Quant\090418 THCQ TS\QuantResults\090418 THCQ worklist 2672 SP.batch.b | | |
| **Analysis Time** | 9/5/2018 7:55 AM | **Analyst Name** | ISPUser |
| **Report Time** | 9/5/2018 8:02 AM | **Reporter Name** | ISPUser |
| **Last Calib Update** | 9/5/2018 7:55 AM | **Batch State** | Processed |

## Analysis Info

| | | | |
|---|---|---|---|
| **Acq Time** | 2018-09-04 12:45 | **Data File** | Cal 7.d |
| **Sample Type** | Calibration | **Sample Name** | Cal 7 |
| **Dilution** | 1 | **Acq Method** | THC Quant 051517 workingmm.m |
| **Position** | P1-B8 | **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 | 8635674 | 2644053 | 3.2661 | 247.1139 |
| THC-COOH | THC-COOH-D9 | 2.406 | 4575706 | 704200 | 6.4977 | 243.0411 |
| THC | THC-D3 | 6.146 | 2692129 | 837552 | 3.2143 | 247.6368 |