





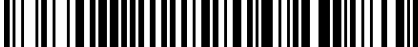


Worklist: 6380

| <u>LAB CASE</u> | <u>ITEM</u> | <u>ITEM TYPE</u> | <u>DESCRIPTION</u> | |
|-----------------|-------------|------------------|--|---|
| M2023-1895 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| M2023-1939 | 2 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| M2023-2109 | 6 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| M2023-2112 | 2 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| M2023-2148 | 3 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1042 | 1 | UCK | AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1206 | 1 | UCK | AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1258 | 1 | UCK | AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1343 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1380 | 1 | UCK | AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1458 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1459 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1466 | 3 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1468 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1495 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1505 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1506 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1515 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1517 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1518 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1574 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |

Worklist: 6380

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| <u>LAB CASE</u> | <u>ITEM</u> | <u>ITEM TYPE</u> | <u>DESCRIPTION</u> | |
|-----------------|-------------|------------------|--|---|
| P2023-1575 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1576 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1579 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1590 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1591 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1604 | 1 | UCK | AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ |  |
| P2023-1608 | 1 | UCK | AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ |  |

Case number M2023-2254-2 was also ran with this batch.

06/16/2023

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AM# 25: Multi-Drug Screen in Blood and Urine by LC-MS/MS

Extraction Date: 06/01/2023

Plate lot#: 230119

Mobile phase A: 10mM Amm Form in LCMS Water

Blank Blood Lot: Lampire 23A52594

LCMS-QQQ ID: 069901

Analyst: Tamara Salazar

Plate Retest Date: 07-19-23

Mobile phase B: 0.1% Formic Acid in MeOH

Blank Urine Lot: POC021022

Column: Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)

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.

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. **Urine Hydrolysis: In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.**
- 3. Using a calibrated pipette, pipette 250µL blood or 250µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42
- 4. Pipette **250µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **200-450µL of blood+base and urine+base (if applicable)** mixture to corresponding wells of SLE+ plate. Amount transferred: 250uL
- 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).**
- 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.
- 16. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
- 17. Reconstitute in **100µL 20% LC MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Open quantitation software and create a new quantitation batch.
- 2. Make necessary changes to integration limits
- 3. Evaluate samples, S/N of primary transition >5 and S/N of secondary transition >3 or evaluation of peak symmetry and resolution. Within +/- 2% or 0.1 min RT of administrative control. Calculated concentration of 5 or greater or 2-5 for discretionary range.
- 4. Did all QCs pass for each analyte? If no, describe issue in comments (below).
- 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: Norbuprenorphine not evaluated due to low response in the negative control.

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| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|--------------|--------------|--------------|---------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| A | IS + Cal. 1 | P2023-1343-1 | P2023-1515-1 | P2023-1591-1 | P2023-1608-1 | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample |
| B | IS + Cal. 1 | P2023-1458-1 | P2023-1517-1 | Neg Urine | M2023-2254-2 | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample |
| C | Neg Blood | P2023-1459-1 | P2023-1518-1 | External Urine Ctrl | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample |
| D | M2023-1895-1 | P2023-1466-3 | P2023-1574-1 | P2023-1042-1 | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample |
| E | M2023-1939-2 | P2023-1468-1 | P2023-1575-1 | P2023-1206-1 | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample |
| F | M2023-2109-6 | P2023-1495-1 | P2023-1576-1 | P2023-1258-1 | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample |
| G | M2023-2112-2 | P2023-1505-1 | P2023-1579-1 | P2023-1380-1 | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Cal. 1 |
| H | M2023-2148-3 | P2023-1506-1 | P2023-1590-1 | P2023-1604-1 | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Cal. 1 |

All wells to contain 60 µl of residual DMSO

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AM #25 Multi-Drug Screen. Results

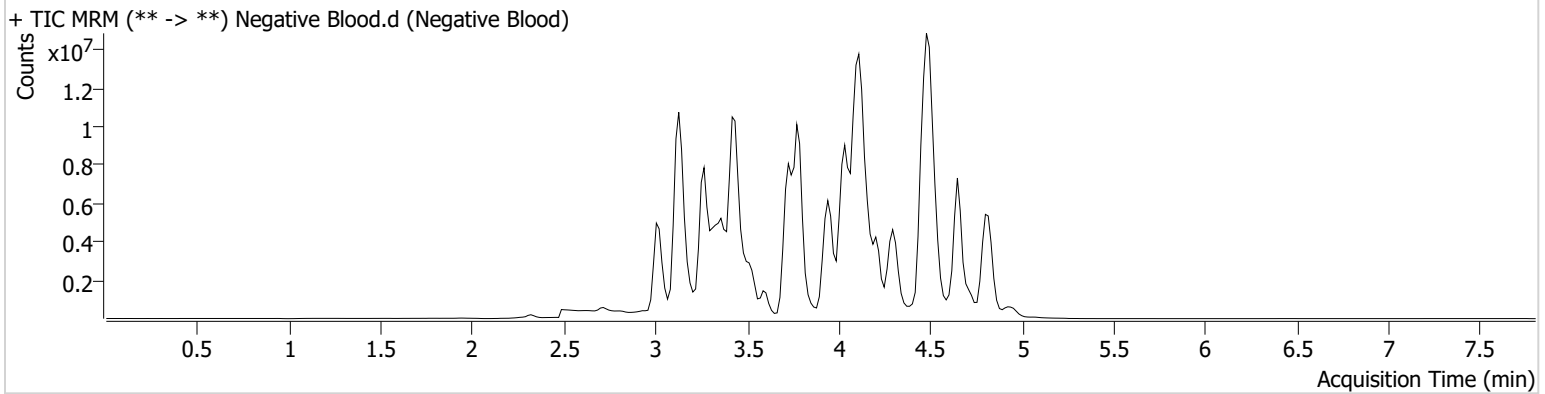
Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 6/15/2023 8:05:21 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 25 MDS.m
Sample Position P2-C1
Injection Volume 5
Acq. Date-Time 6/2/2023 1:58:57 PM
Sample Info.

Data File Negative Blood.d
Sample Negative Blood
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|--------------------|-------|-------|----------|-------|---------|------------|--------------|
| * Norbuprenorphine | 3.923 | 16271 | 13442.89 | 92.0 | 5006.35 | 2055729 | 2.7776 ng/ml |

*Compound not evaluated.

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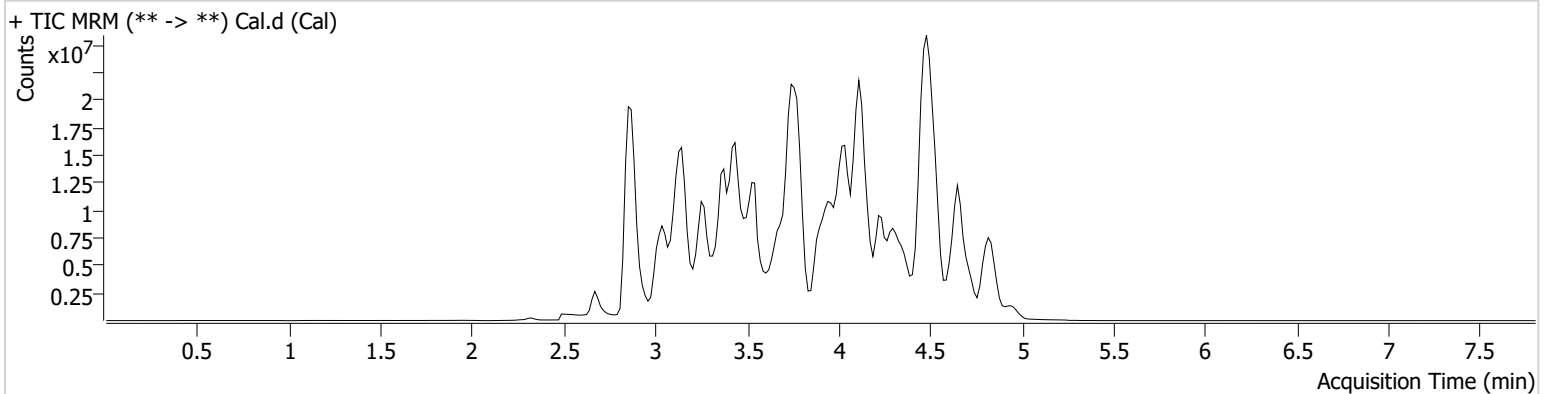
AM #25 Multi-Drug Screen. Results

Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 6/15/2023 8:05:21 AM

Instrument Falco (069901) **Data File** Cal.d
Type Cal **Sample** Cal
Acq. Method AM 25 MDS.m **Operator** Tamara Salazar
Sample Position P2-B1 **Comment**
Injection Volume 5
Acq. Date-Time 6/2/2023 1:50:22 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|----------|------------|-------|-----------|------------|---------------|
| 10-OH-Carbamazepine | 3.779 | 4863097 | 120.24 | 94.1 | 328.84 | 25851620 | 10.0000 ng/ml |
| 6-MAM | 3.418 | 74890 | 19747.36 | 73.0 | 30010.76 | 1681141 | 10.0000 ng/ml |
| 7-aminoclonazepam | 3.607 | 1025835 | 1319.03 | 79.5 | 257.42 | 3940331 | 10.0000 ng/ml |
| 7-aminoflunitrazepam | 3.806 | 1738380 | 348.80 | 20.7 | ∞ | 3940331 | 10.0000 ng/ml |
| 9-Hydroxyrisperidone | 4.045 | 9518115 | 3643507.32 | 2.5 | 129.25 | 36995577 | 10.0000 ng/ml |
| Acetyl Fentanyl | 4.112 | 451735 | 580.58 | 57.7 | 116963.03 | 36223720 | 10.0000 ng/ml |
| Acetyl Norfentanyl | 3.043 | 581283 | 195.27 | 37.5 | 65.27 | 36223720 | 10.0000 ng/ml |
| a-hydroxyalprazolam | 4.511 | 311739 | 103.69 | 59.7 | 165.53 | 3940331 | 10.0000 ng/ml |
| alpha-hydroxymidazolam | 4.587 | 2028434 | 325.58 | 66.6 | 1384.29 | 3940331 | 10.0000 ng/ml |
| Alpha-PHP | 3.995 | 4240476 | 10544.98 | 35.9 | 1331.41 | 36223720 | 10.0000 ng/ml |
| alpha-PVP | 3.766 | 6197388 | 393.00 | 51.5 | 175.92 | 16484302 | 10.0000 ng/ml |
| Alprazolam | 4.622 | 2633091 | 1222.28 | 96.4 | 345.97 | 17791260 | 10.0000 ng/ml |
| Amitriptyline | 4.518 | 1178487 | 159.43 | 67.8 | 249.28 | 3474630 | 10.0000 ng/ml |
| Amphetamine | 3.062 | 4735063 | 828.77 | 233.3 | 270.14 | 16484302 | 10.0000 ng/ml |
| Benzoyllecgonine | 3.406 | 360695 | 37.05 | 24.8 | 28.33 | 473101 | 10.0000 ng/ml |
| Brompheniramine | 4.128 | 134125 | 153.54 | 909.2 | 1784.60 | 52617825 | 10.0000 ng/ml |
| Buprenorphine | 4.965 | 1192079 | 22850.67 | 11.0 | 56195.34 | 3775911 | 10.0000 ng/ml |
| Bupropion | 3.980 | 5680699 | 657.52 | 60.2 | 551.89 | 23191245 | 10.0000 ng/ml |
| Carbamazepine | 4.244 | 11460790 | 426.54 | 90.9 | 636.18 | 349271 | 10.0000 ng/ml |
| Carisoprodol | 4.227 | 1773749 | 2618.35 | 57.8 | 57.71 | 7997471 | 10.0000 ng/ml |
| Chlordiazepoxide | 4.731 | 999061 | 270.37 | 114.2 | 990.07 | 17791260 | 10.0000 ng/ml |
| Chlorpheniramine | 4.039 | 8505097 | 220.69 | 0.3 | 5.02 | 12390187 | 10.0000 ng/ml |
| Chlorpromazine | 4.728 | 825724 | 866454.19 | 88.9 | 93.59 | 3291876 | 10.0000 ng/ml |
| Citalopram | 4.142 | 3579085 | 216.78 | 37.7 | 753962.22 | 52617825 | 10.0000 ng/ml |
| Clomipramine | 4.729 | 1269429 | 3535.75 | 76.3 | 986.59 | 52617825 | 10.0000 ng/ml |
| Clonazepam | 4.436 | 1335963 | 453.77 | 32.4 | 5809.43 | 349271 | 10.0000 ng/ml |
| Clonazolam | 4.371 | 1552199 | 5982.67 | 34.4 | 205919.69 | 17791260 | 10.0000 ng/ml |
| Clozapine | 4.526 | 4419979 | 704.72 | 78.5 | 849.69 | 15988709 | 10.0000 ng/ml |
| Cocaethylene | 3.911 | 5836608 | 400.52 | 50.3 | 8910.69 | 31596168 | 10.0000 ng/ml |
| Cocaine | 3.744 | 6997882 | 4882498.06 | 17.8 | 259.39 | 31596168 | 10.0000 ng/ml |

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AM #25 Multi-Drug Screen. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|----------|------------|-------|-----------|------------|---------------|
| Codeine | 3.437 | 498752 | 66856.03 | 143.7 | 3616.13 | 11870112 | 10.0000 ng/ml |
| Cyclobenzaprine | 4.426 | 2050555 | 387.65 | 8.6 | 61.70 | 3474630 | 10.0000 ng/ml |
| Desipramine | 4.426 | 2997043 | 203.49 | 43.2 | 182.05 | 3474630 | 10.0000 ng/ml |
| Dextromethorphan | 4.164 | 2596915 | 1337.33 | 80.2 | 168.57 | 12390187 | 10.0000 ng/ml |
| Dextroprphan | 3.517 | 3759584 | 214.08 | 47.0 | 7044.39 | 12390187 | 10.0000 ng/ml |
| Diazepam | 4.839 | 1327115 | 498.14 | 90.1 | 1613.42 | 17791260 | 10.0000 ng/ml |
| Dihydrocodeine | 3.220 | 1503314 | 3076.70 | 58.2 | 1852.68 | 11870112 | 10.0000 ng/ml |
| Diphenhydramine | 4.119 | 13417244 | 640.81 | 28.3 | 433.70 | 52617825 | 10.0000 ng/ml |
| DMT | 3.183 | 475880 | 1301.86 | 127.7 | 342.40 | 12390187 | 10.0000 ng/ml |
| Doxepin | 4.239 | 2081629 | 89.62 | 45.2 | 97.72 | 22949684 | 10.0000 ng/ml |
| Doxylamine | 3.747 | 14247432 | 8736.68 | 88.6 | 13348.24 | 12390187 | 10.0000 ng/ml |
| Duloxetine | 4.377 | 42047 | 758.92 | 612.1 | 1732.90 | 401003 | 10.0000 ng/ml |
| EDDP | 4.147 | 77180 | 33.79 | 51.6 | 35.19 | 158680 | 10.0000 ng/ml |
| Estazolam | 4.531 | 7224283 | 2020.50 | 50.4 | 785.77 | 17791260 | 10.0000 ng/ml |
| Etizolam | 4.633 | 325219 | 96638.80 | 395.1 | 695049.08 | 17791260 | 10.0000 ng/ml |
| Fentanyl | 4.311 | 291127 | 75.21 | 91.3 | 706.95 | 16182609 | 10.0000 ng/ml |
| Flualprazolam | 4.480 | 817812 | 583685.70 | 112.4 | 9025.90 | 17791260 | 10.0000 ng/ml |
| Flunitrazepam | 4.560 | 1900317 | 776.08 | 38.2 | 374.48 | 17791260 | 10.0000 ng/ml |
| Fluorofentanyl | 4.340 | 374502 | 41.69 | 102.0 | 82.13 | 16182609 | 10.0000 ng/ml |
| Fluoxetine | 4.376 | 1236677 | 740.55 | 7.5 | 22.40 | 1251587 | 10.0000 ng/ml |
| Flurazepam | 4.369 | 3610397 | 1051017.25 | 21.5 | 106741.83 | 17791260 | 10.0000 ng/ml |
| Hydrocodone | 3.544 | 2537681 | 113.60 | 44.3 | 251.38 | 11870112 | 10.0000 ng/ml |
| Hydromorphone | 3.161 | 1440320 | 2530.79 | 85.9 | 18477.45 | 286692 | 10.0000 ng/ml |
| Hydroxyzine | 4.631 | 3222478 | 858.58 | 76.8 | 606.46 | 15988709 | 10.0000 ng/ml |
| Imipramine | 4.471 | 4131570 | 3122.17 | 65.2 | 185.44 | 3474630 | 10.0000 ng/ml |
| Ketamine | 3.950 | 4430373 | 337.25 | 37.6 | 119.60 | 14893840 | 10.0000 ng/ml |
| Lamotrigine | 3.671 | 442709 | 374.17 | 77.8 | 883.68 | 52617825 | 10.0000 ng/ml |
| Levamisole | 3.505 | 4725724 | 3745.69 | 85.2 | 263.02 | 31596168 | 10.0000 ng/ml |
| Levetiracetam | 2.679 | 2381450 | 1144.75 | 171.5 | 620.53 | 52617825 | 10.0000 ng/ml |
| Lorazepam | 4.435 | 459732 | 74.30 | 320.2 | 7.19 | 17791260 | 10.0000 ng/ml |
| Maprotiline | 4.518 | 806040 | 32.94 | 58.5 | 66.46 | 3474630 | 10.0000 ng/ml |
| MDA | 3.152 | 3960343 | 615.94 | 40.4 | 3.43 | 40712088 | 10.0000 ng/ml |
| MDEA | 3.366 | 6596790 | 2174.57 | 48.7 | 584.30 | 40712088 | 10.0000 ng/ml |
| MDMA | 3.244 | 7178262 | 9489.25 | 49.1 | 125.03 | 40712088 | 10.0000 ng/ml |
| Meperidine | 3.764 | 3539759 | 237.90 | 57.6 | 894.35 | 12390187 | 10.0000 ng/ml |
| Meprobamate | 3.689 | 1188103 | 659.87 | 22.4 | 166.99 | 7997471 | 10.0000 ng/ml |
| Methadone | 4.452 | 7664805 | 265.53 | 48.8 | 877.41 | 158680 | 10.0000 ng/ml |
| Methamphetamine | 3.169 | 9082200 | 97.11 | 39.2 | 1258.95 | 40712088 | 10.0000 ng/ml |
| Methocarbamol | 3.595 | 845904 | 338.84 | 92.6 | 645.92 | 158680 | 10.0000 ng/ml |
| Methylphenidate | 3.657 | 13207147 | 758.98 | 28.8 | 331.09 | 23591714 | 10.0000 ng/ml |
| Metoprolol | 3.531 | 1017296 | 736.94 | 102.9 | 177.09 | 12390187 | 10.0000 ng/ml |
| Midazolam | 4.772 | 805346 | 459.44 | 84.6 | 384.44 | 17791260 | 10.0000 ng/ml |
| Mirtazapine | 4.319 | 4589568 | 11724.76 | 206.8 | 10952.29 | 12390187 | 10.0000 ng/ml |
| Mitragynine | 4.354 | 554706 | 274312.66 | 226.8 | 411321.14 | 12390187 | 10.0000 ng/ml |
| Morphine | 3.009 | 340187 | ∞ | 89.9 | 2076.59 | 286692 | 10.0000 ng/ml |
| Norbuprenorphine | 3.923 | 107596 | 69376.73 | 100.0 | 33056.50 | 3775911 | 10.0000 ng/ml |
| Nordiazepam | 4.703 | 1313697 | 29151.33 | 58.5 | 249.78 | 17791260 | 10.0000 ng/ml |
| Norfentanyl | 3.442 | 9445685 | 19691.93 | 38.0 | 1501.13 | 36223720 | 10.0000 ng/ml |
| Norhydrocodone | 3.131 | 217371 | 50.78 | 60.4 | 112.41 | 286692 | 10.0000 ng/ml |
| Norketamine | 3.997 | 1073010 | 248.96 | 429.5 | 1389.93 | 14893840 | 10.0000 ng/ml |
| Normeperidine | 3.688 | 9179271 | 1372.95 | 75.7 | 1367.36 | 52617825 | 10.0000 ng/ml |
| Noroxycodone | 3.053 | 2333056 | ∞ | 32.8 | 1864.42 | 14893840 | 10.0000 ng/ml |
| Nortriptyline | 4.473 | 639357 | 88373.34 | 67.6 | 51.40 | 3474630 | 10.0000 ng/ml |
| O-desmethyl-tramadol | 3.087 | 10496752 | 75092.00 | 5.6 | 228.88 | 52617825 | 10.0000 ng/ml |
| O-desmethylvenlafaxine | 3.378 | 2360293 | 365.88 | 637.4 | ∞ | 11278303 | 10.0000 ng/ml |
| Olanzapine | 4.036 | 375490 | 216329.16 | 60.2 | 54.66 | 349271 | 10.0000 ng/ml |
| Oxazepam | 4.516 | 2230021 | 113.77 | 74.8 | 102.45 | 11396325 | 10.0000 ng/ml |
| Oxycodone | 3.358 | 3450842 | 264.08 | 29.8 | 235.63 | 14893840 | 10.0000 ng/ml |
| Oxymorphone | 2.870 | 2575131 | ∞ | 24.2 | 2803.69 | 286692 | 10.0000 ng/ml |

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AM #25 Multi-Drug Screen. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|-----------------|-------|----------|------------|-------|-----------|------------|---------------|
| Paroxetine | 4.403 | 203021 | 77.81 | 47.7 | 123.90 | 1251587 | 10.0000 ng/ml |
| Phenazepam | 4.632 | 1821510 | 1058.80 | 68.8 | 179784.69 | 17791260 | 10.0000 ng/ml |
| Phencyclidine | 4.011 | 7266062 | 868.12 | 73.5 | 2039.71 | 12390187 | 10.0000 ng/ml |
| Phentermine | 3.292 | 2638233 | 635.40 | 4.9 | 18.03 | 23591714 | 10.0000 ng/ml |
| Phenytoin | 4.135 | 657717 | 393.40 | 82.3 | 256.30 | 349271 | 10.0000 ng/ml |
| Primidone | 3.489 | 2512403 | 1445837.23 | 98.3 | 248.97 | 349271 | 10.0000 ng/ml |
| Promethazine | 4.455 | 4962880 | 2477.83 | 30.9 | 60.31 | 52617825 | 10.0000 ng/ml |
| Pseudoephedrine | 2.877 | 61898357 | 6167.45 | 32.8 | 8799.89 | 40712088 | 10.0000 ng/ml |
| Quetiapine | 4.677 | 5200164 | 2006926.29 | 58.9 | 884.66 | 40954006 | 10.0000 ng/ml |
| Risperidone | 4.246 | 8859682 | 36287.52 | 10.3 | 180.43 | 36995577 | 10.0000 ng/ml |
| Sertraline | 4.622 | 285393 | 1025.26 | 112.7 | 192.21 | 1251587 | 10.0000 ng/ml |
| Sufentanil | 4.676 | 209118 | 75557.30 | 79.9 | 53.07 | 36223720 | 10.0000 ng/ml |
| Tapentadol | 3.551 | 6380874 | 5147.80 | 34.6 | 237.90 | 14893840 | 10.0000 ng/ml |
| Temazepam | 4.669 | 4020684 | 480.69 | 28.8 | 72.85 | 17791260 | 10.0000 ng/ml |
| Topiramate | 3.864 | 78417 | 60626.53 | 43.5 | 25955.57 | 357433 | 10.0000 ng/ml |
| Tramadol | 3.547 | 17104890 | ∞ | 2.4 | 35.54 | 52617825 | 10.0000 ng/ml |
| Trazodone | 4.846 | 5988945 | 3694243.47 | 75.6 | 2787.61 | 22949684 | 10.0000 ng/ml |
| Venlafaxine | 3.884 | 12417772 | 1025.09 | 28.1 | 202.93 | 11278303 | 10.0000 ng/ml |
| Zaleplon | 4.346 | 2904969 | 860.95 | 70.5 | 282.67 | 40954006 | 10.0000 ng/ml |
| Zolpidem | 4.483 | 11133545 | 1149.64 | 28.4 | 678.35 | 40954006 | 10.0000 ng/ml |
| Zopiclone | 4.431 | 446107 | 183691.84 | 59.7 | 113933.37 | 1969874 | 10.0000 ng/ml |

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AM #25 Multi-Drug Screen. Results

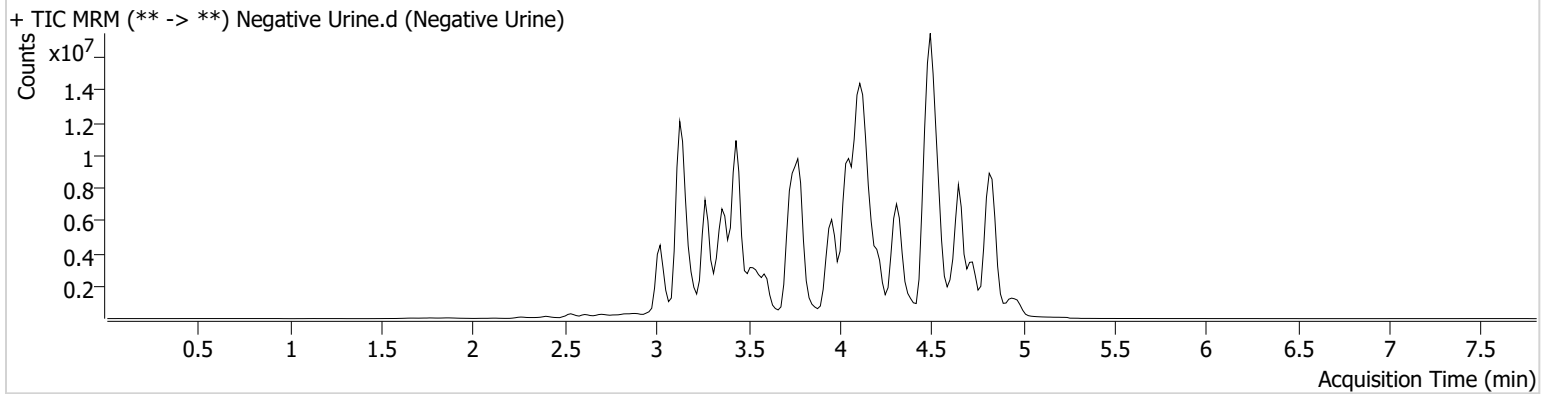
Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 6/15/2023 8:05:21 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 25 MDS.m
Sample Position P2-B4
Injection Volume 5
Acq. Date-Time 6/2/2023 5:21:13 PM
Sample Info.

Data File Negative Urine.d
Sample Negative Urine
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



TS



Idaho State Police Forensic Services

AM #25 Urine Multi-Drug Screen by LCMS-QQQ And AM #28 Urine Multi-Drug Confirmatory Analysis by LCMS-QQQ---Panel 1

Methanol External Control Solution (Lot: 120320)

100 µL of 1mg/mL stock of each drug was added to 9700 µL of LC MeOH.

| <i>Component</i> | <i>Source</i> | <i>Source Lot Number</i> | <i>Expiration Date</i> |
|----------------------|---------------|--------------------------|------------------------|
| Methanol (LCMS) | Fisher | 197468 | |
| O-desmethyl Tramadol | Cerilliant | FN01241702 | 04/30/2022 |
| Amphetamine | Cerilliant | FE04061701 | 06/30/2022 |
| Alprazolam | Cerilliant | FE07061604 | 07/31/2021 |
| Prepared: | 12/03/2020 | | |
| Prepared By: | Celena Shrum | | |

Urine External Control Solution (Lot: WS032122)

100 µL of methanol external control solution was added to 9900 µL of urine.

Approximately 100 ng/mL of each compound.

| <i>Component</i> | <i>Source</i> | <i>Source Lot Number</i> |
|------------------------------------|----------------|--------------------------|
| Negative Urine | Pocatello Lab | POC021022 |
| Methanol External Control Solution | | 120320 |
| Prepared: | 03/21/22 | |
| Prepared by: | Tamara Salazar | |

TS

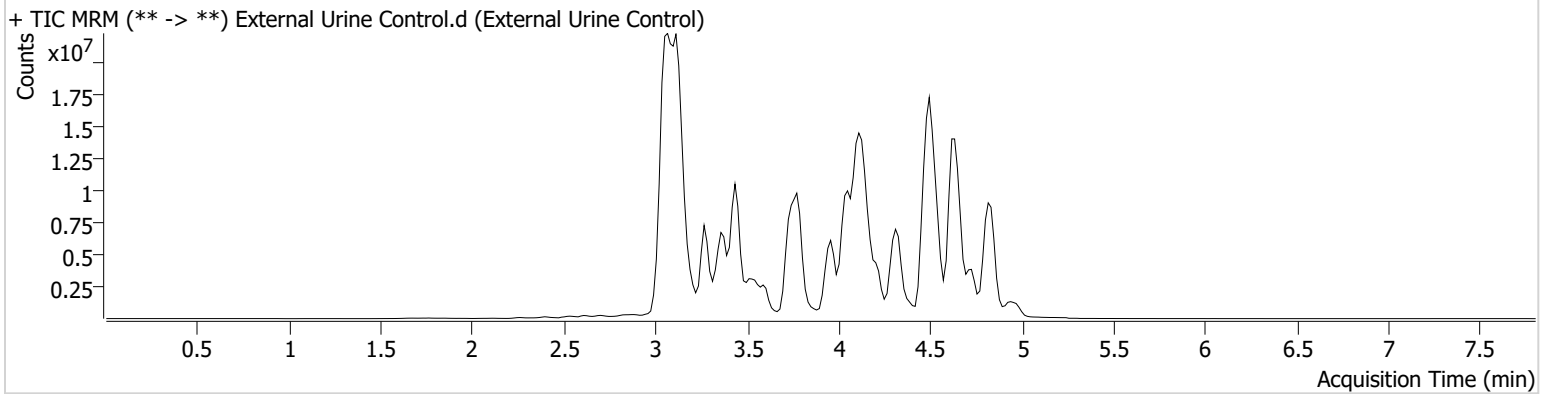


AM #25 Multi-Drug Screen. Results

Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 6/15/2023 8:05:21 AM

| | | | |
|-------------------------|---------------------|------------------|---|
| Instrument | Falco (069901) | Data File | External Urine Control.d |
| Type | Sample | Sample | External Urine Control |
| Acq. Method | AM 25 MDS.m | Operator | Tamara Salazar |
| Sample Position | P2-C4 | Comment | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| Injection Volume | 5 | | |
| Acq. Date-Time | 6/2/2023 5:12:47 PM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|----------|----------|------------------|---------|------------|---------------|
| Alprazolam | 4.622 | 16759757 | 647.28 | 96.0 | 867.04 | 19985969 | 56.6609 ng/ml |
| Amphetamine | 3.062 | 28003033 | 698.78 | 182.6 Low | 512.42 | 13296116 | 73.3204 ng/ml |
| O-desmethyl-tramadol | 3.103 | 46104228 | 39943.52 | 8.6 High | 1933.39 | 55986310 | 41.2797 ng/ml |

TS

AM# 26: Screening of THC and Metabolites in Blood and Urine by LC-MS/MS

Extraction Date: 06/01/2023

Plate lot#: 220802

Mobile phase A: 10mM Amm Form in LCMS Water

Blank Blood Lot: Lampire 23A52594

LCMS-QQQ ID: 069901

Analyst: Tamara Salazar

Plate Retest Date: 07/23/2023

Mobile phase B: 0.1% Formic acid in MeOH

Blank Urine Lot: POC021022

Column: Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)

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.

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis: add 1.5mL urine to blank plate, add 250µl 1N KOH. Shake and incubate at 40 degrees for 15 minutes.
- 3. Using a calibrated pipette, pipette 1000µL blood or 1000µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Add 500µL of 0.1% formic acid in water to blood samples, and 500µL of saturated phosphate buffer to urine samples in the wells of the analytical plate.
- 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 7. Transfer 700-800µL of blood+acid or urine+acid mixture to corresponding wells of SLE+ plate. Amount transferred: 750 µL
- 8. 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)
- 9. Wait 5 minutes.
- 10. Add 2.25mL MTBE. (Add in 3 increments of 750uL)
- 11. Wait 5 minutes.
- 12. Apply positive pressure for approx. 15 seconds. (10-15 PSI- Selector to the left).
- 13. Add 2.25mL Hexane. (Add in 3 increments of 750uL)
- 14. Wait 5 minutes.
- 15. Apply positive pressure for approx. 15 seconds. (10-15 PSI- Selector to the left).
- 16. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 17. 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.
- 2. Make any necessary integration changes, R² values ≥0.98 for each analyte
- 3. RT +/- 2% or 0.100 min, whichever is greater
- 4. Confirmation testing on case samples with a response for THC and OH-THC of 3ng/mL or greater and/or Carboxy-THC at 10ng/mL or greater (analyst discretion between 5-10ng/mL) may be pursued.
- 5. Did all QCs pass for each analyte? (if not, describe in comments section)
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: THC-COOH 1-100 – calibrator 7 dropped due to accuracy

Run stopped due to a clog in the instrument line. The clog was removed, and the run was resumed on 06/02/2023.

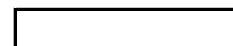
Calibrator 7 did not inject correctly with the initial injection. The calibrator was reinjected.

TS

| | 1 | 2 | 3 | 4 | 5 | 6 |
|---|-------------|--------------|--------------|---------------|--------------|-------------|
| A | IS + Cal. 1 | IS + QC_1 | P2023-1458-1 | P2023-1517-1 | Neg Urine | IS + QC_1 |
| B | IS + Cal. 2 | Neg Blood | P2023-1459-1 | P2023-1518-1 | P2023-1042-1 | IS + Cal. 7 |
| C | IS + Cal. 3 | M2023-1895-1 | P2023-1466-3 | P2023-1574-1 | P2023-1258-1 | IS + Cal. 6 |
| D | IS + Cal. 4 | M2023-1939-2 | P2023-1468-1 | P2023-1575-1 | P2023-1380-1 | IS + Cal. 5 |
| E | IS + Cal. 5 | M2023-2109-6 | P2023-1495-1 | P2023-1576-1 | P2023-1604-1 | IS + Cal. 4 |
| F | IS + Cal. 6 | M2023-2112-2 | P2023-1505-1 | P2023-1579-1* | P2023-1608-1 | IS + Cal. 3 |
| G | IS + Cal. 7 | M2023-2148-3 | P2023-1506-1 | P2023-1590-1 | M2023-2254-2 | IS + Cal. 2 |
| H | IS + QC_1 | P2023-1343-1 | P2023-1515-1 | P2023-1591-1 | IS + QC_1 | IS + Cal. 1 |

All wells to contain 100 µl of residual DMSO

*P2023-1579-1 moved to SLE position
H5 due to a blood clot.



TS



AM #26 Cannabinoids Screen Results

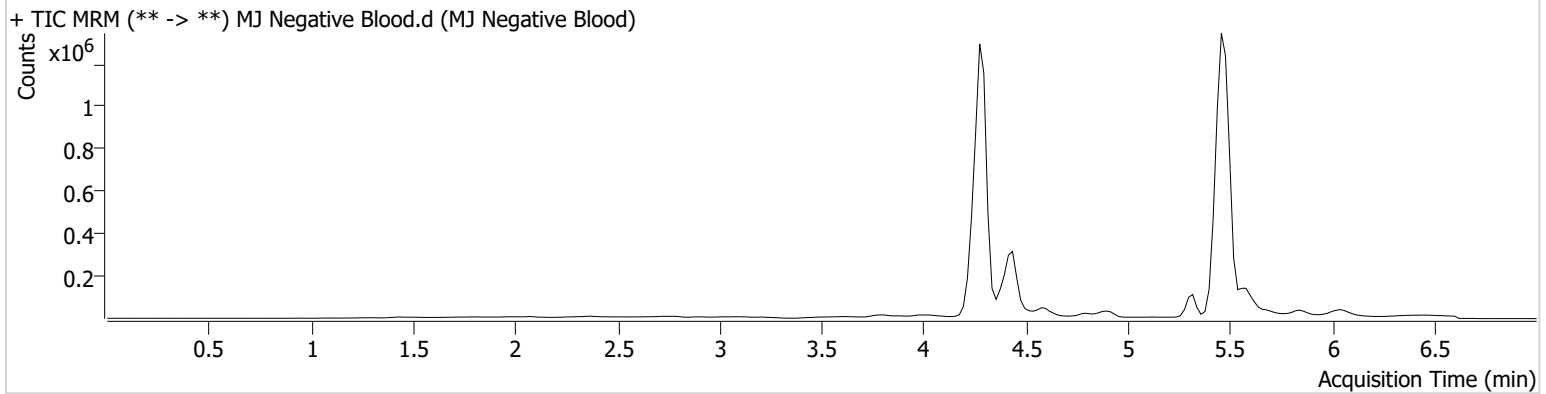
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Calibration Last Update 6/15/2023 8:15:40 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P1-B2
Injection Volume 10
Acq. Date-Time 6/2/2023 9:28:35 AM
Sample Info.

Data File MJ Negative Blood.d
Sample MJ Negative Blood
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



TS



AM #26 Cannabinoids Screen Results

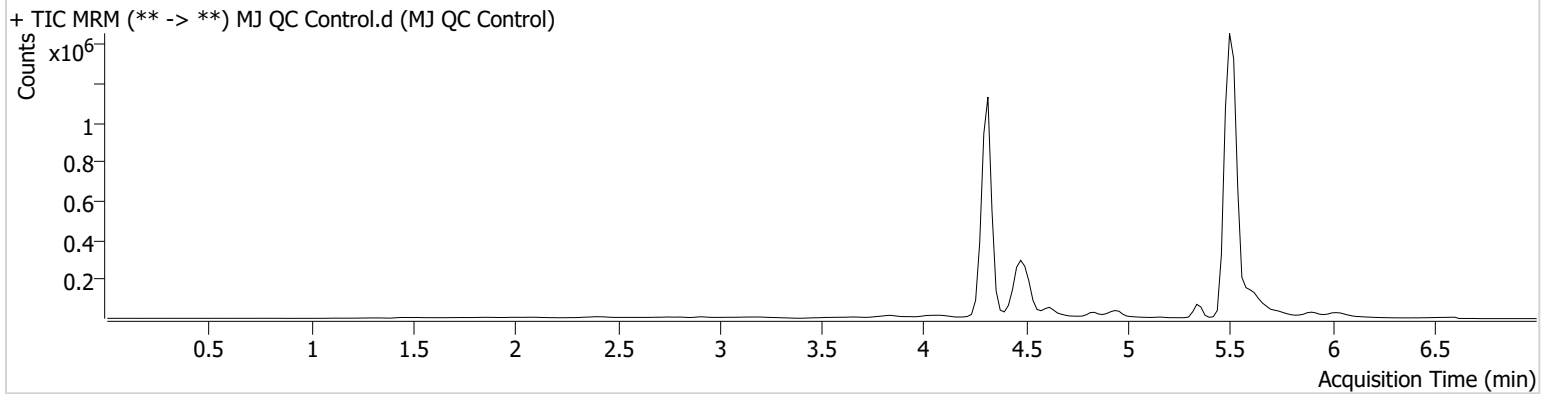
Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/15/2023 8:15:40 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-H1
Injection Volume 10
Acq. Date-Time 6/1/2023 4:50:01 PM
Sample Info.

Data File MJ QC Control.d
Sample MJ QC Control
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------|-------|--------|-----|-------------------|--------|------------|---------------|
| THC | 5.489 | 5853 | ∞ | 368.0 High | 57.87 | 165317 | 5.0317 ng/ml |
| THC-COOH | 4.496 | 207725 | ∞ | 169.1 | ∞ | 940590 | 11.4879 ng/ml |
| THC-OH | 4.322 | 33234 | ∞ | 777.6 | 441.18 | 3586014 | 4.5387 ng/ml |

TS



AM #26 Cannabinoids Screen Results

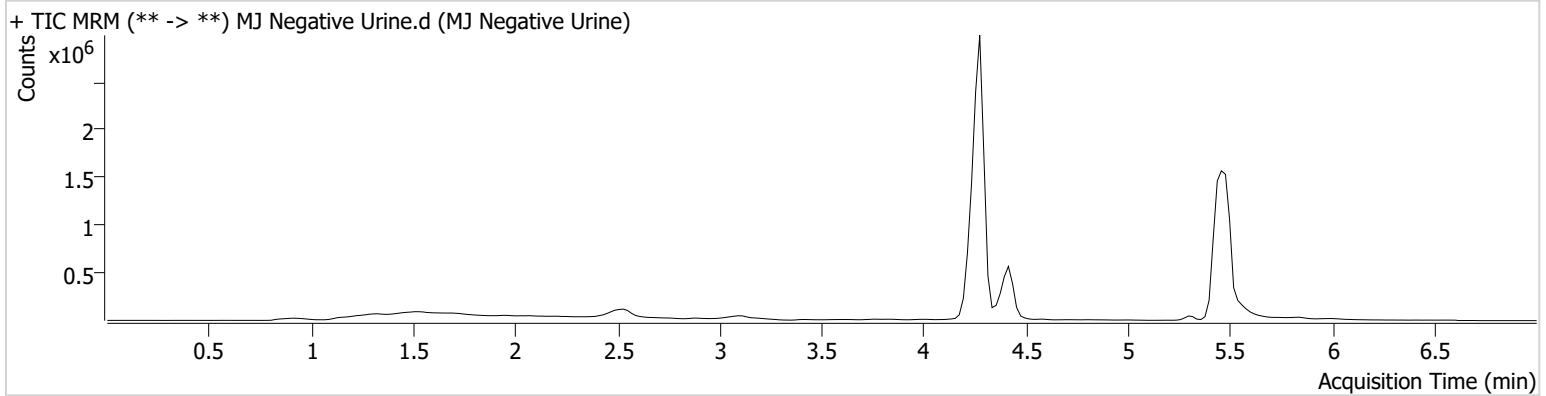
Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/15/2023 8:15:40 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P1-A5
Injection Volume 10
Acq. Date-Time 6/2/2023 12:30:15 PM
Sample Info.

Data File MJ Negative Urine.d
Sample MJ Negative Urine
Operator Tamara Salazar
Comment

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Sample Chromatogram



TS



AM #26 Cannabinoids Screen Results

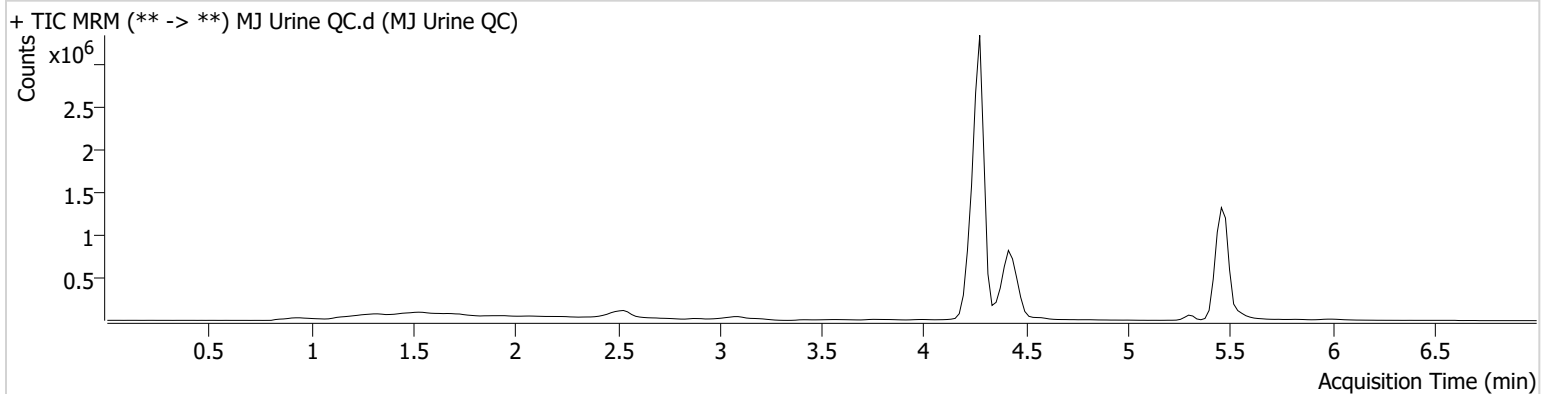
Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/15/2023 8:15:40 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-A2
Injection Volume 10
Acq. Date-Time 6/2/2023 12:22:41 PM
Sample Info.

Data File MJ Urine QC.d
Sample MJ Urine QC
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



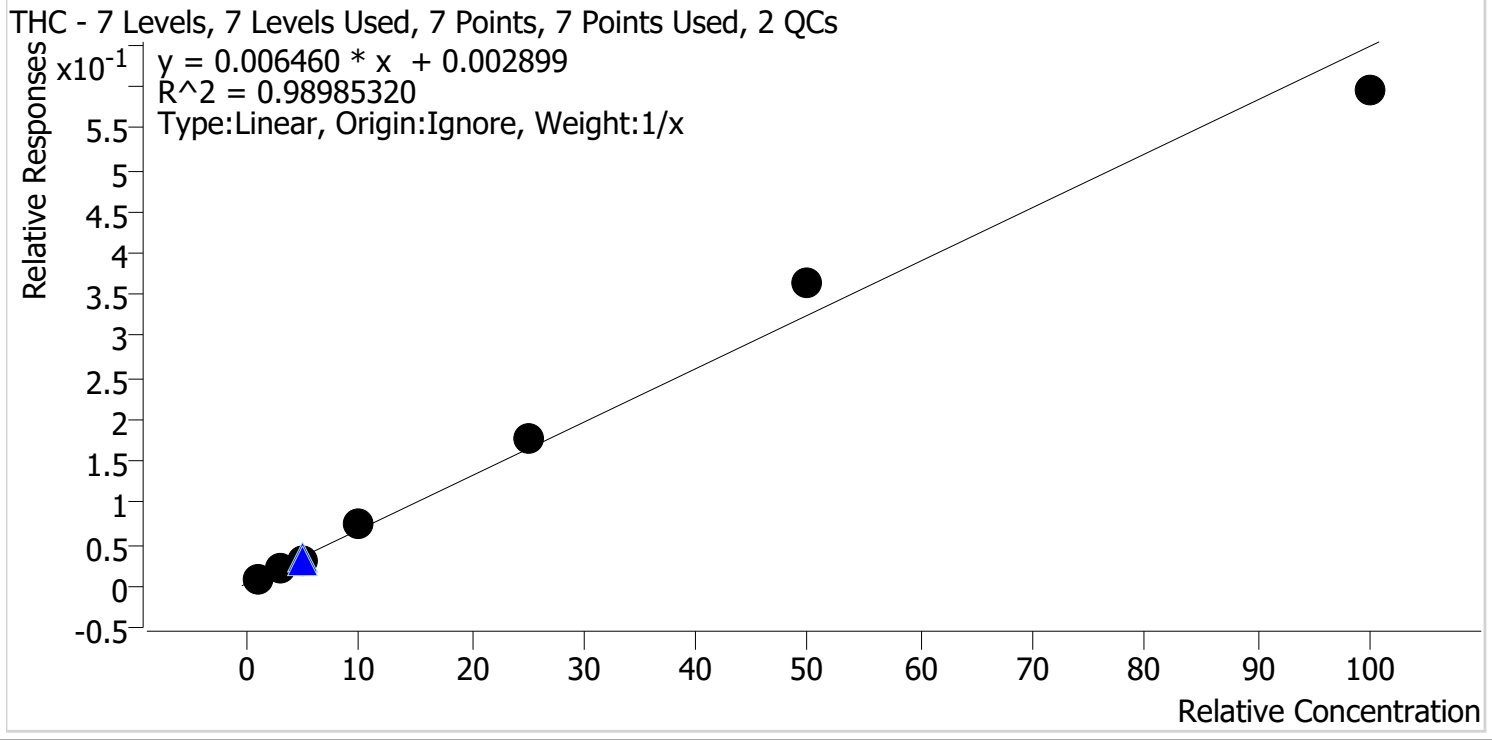
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------|-------|--------|-----------------|-------------------|--------|------------|---------------|
| THC | 5.429 | 2501 | 3.83 Low | 720.3 High | ∞ | 81416 | 4.3064 ng/ml |
| THC-COOH | 4.456 | 548641 | ∞ | 159.5 | 644.11 | 2543217 | 11.2426 ng/ml |
| THC-OH | 4.282 | 120649 | 1966.74 | 764.5 | ∞ | 12626236 | 4.6727 ng/ml |

TS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 6/15/2023 8:15 AM
Analyst Name ISP\datastor
Analyte THC **Internal Standard** THC-D3



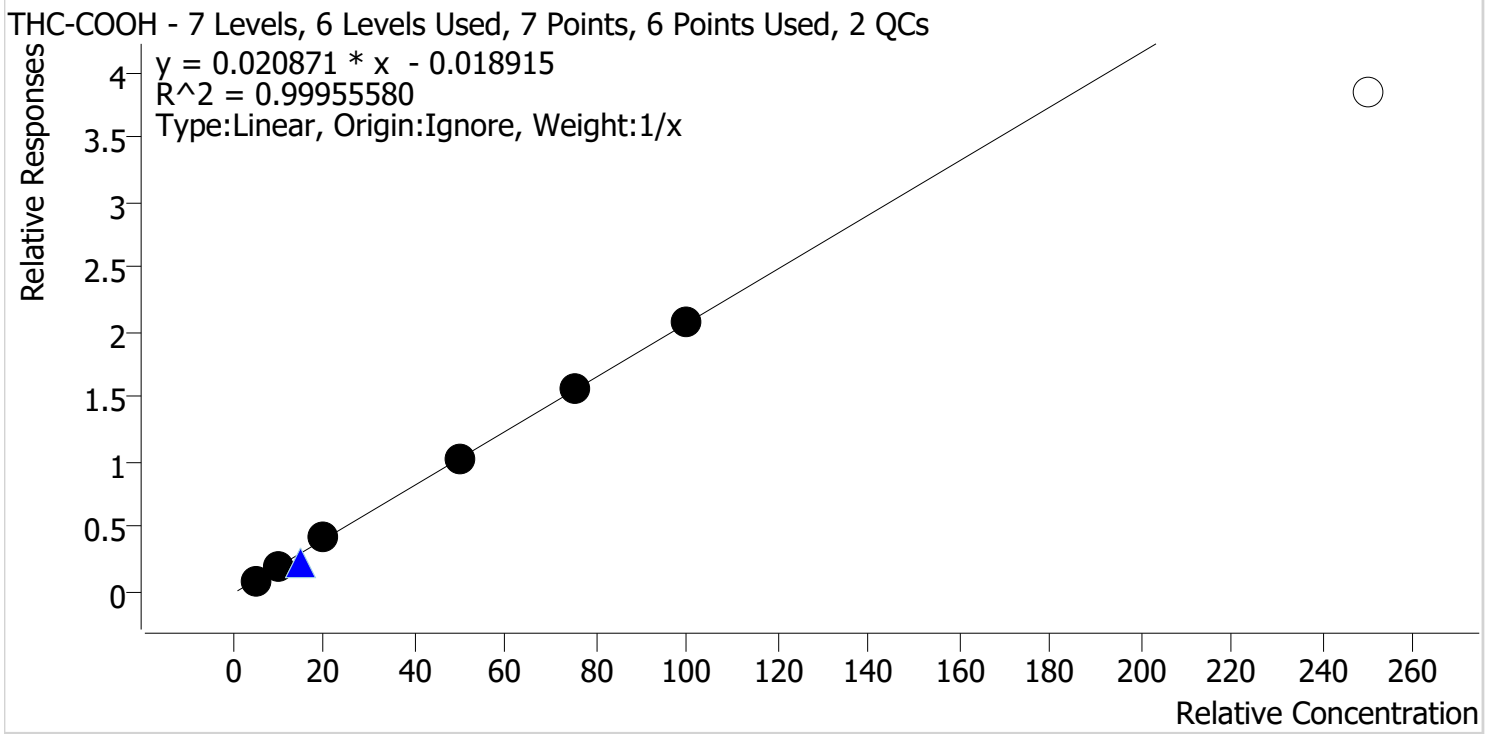
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|------------|-------|---------|------------------------|---------------------|----------|
| MJ Cal 1 | 1 | ✓ | 1.0 | 0.9 | 87.1 |
| MJ Cal 2 | 2 | ✓ | 3.0 | 3.0 | 99.0 |
| MJ Cal 3 | 3 | ✓ | 5.0 | 4.5 | 90.7 |
| MJ Cal 4 | 4 | ✓ | 10.0 | 11.2 | 112.0 |
| MJ Cal 5 | 5 | ✓ | 25.0 | 27.1 | 108.3 |
| MJ Cal 6 | 6 | ✓ | 50.0 | 55.6 | 111.3 |
| MJ Cal 7_r | 7 | ✓ | 100.0 | 91.7 | 91.7 |

TS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 26.batch.bin
 Last Cal. Update 6/15/2023 8:15 AM
 Analyst Name ISP\datastor
 Analyte THC-COOH Internal Standard THC-COOH-D9



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|------------|-------|---------|------------------------|---------------------|----------|
| MJ Cal 1 | 1 | ✓ | 5.0 | 4.7 | 93.4 |
| MJ Cal 2 | 2 | ✓ | 10.0 | 10.5 | 105.2 |
| MJ Cal 3 | 3 | ✓ | 20.0 | 20.6 | 102.8 |
| MJ Cal 4 | 4 | ✓ | 50.0 | 49.3 | 98.6 |
| MJ Cal 5 | 5 | ✓ | 75.0 | 75.1 | 100.2 |
| MJ Cal 6 | 6 | ✓ | 100.0 | 99.8 | 99.8 |
| MJ Cal 7_r | 7 | x | 250.0 | 185.2 | 74.1 |

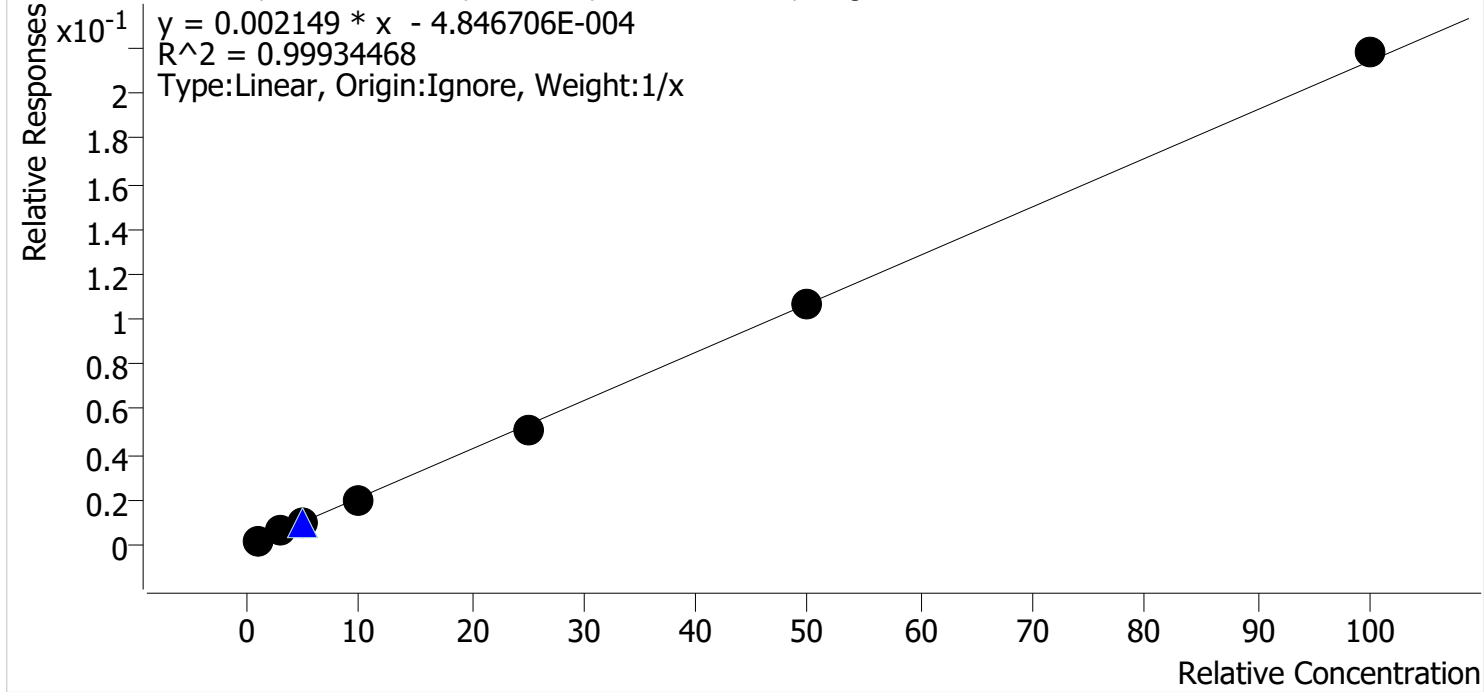
TS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 6/15/2023 8:15 AM
Analyst Name ISP\datastor
Analyte THC-OH **Internal Standard** THC-OH-D3

THC-OH - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 2 QCs



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|------------|-------|---------|------------------------|---------------------|----------|
| MJ Cal 1 | 1 | ✓ | 1.0 | 1.1 | 112.5 |
| MJ Cal 2 | 2 | ✓ | 3.0 | 3.0 | 99.2 |
| MJ Cal 3 | 3 | ✓ | 5.0 | 4.8 | 95.5 |
| MJ Cal 4 | 4 | ✓ | 10.0 | 9.5 | 94.6 |
| MJ Cal 5 | 5 | ✓ | 25.0 | 24.3 | 97.2 |
| MJ Cal 6 | 6 | ✓ | 50.0 | 49.6 | 99.3 |
| MJ Cal 7_r | 7 | ✓ | 100.0 | 101.7 | 101.7 |

TS



AM #26 Cannabinoids Screen Results

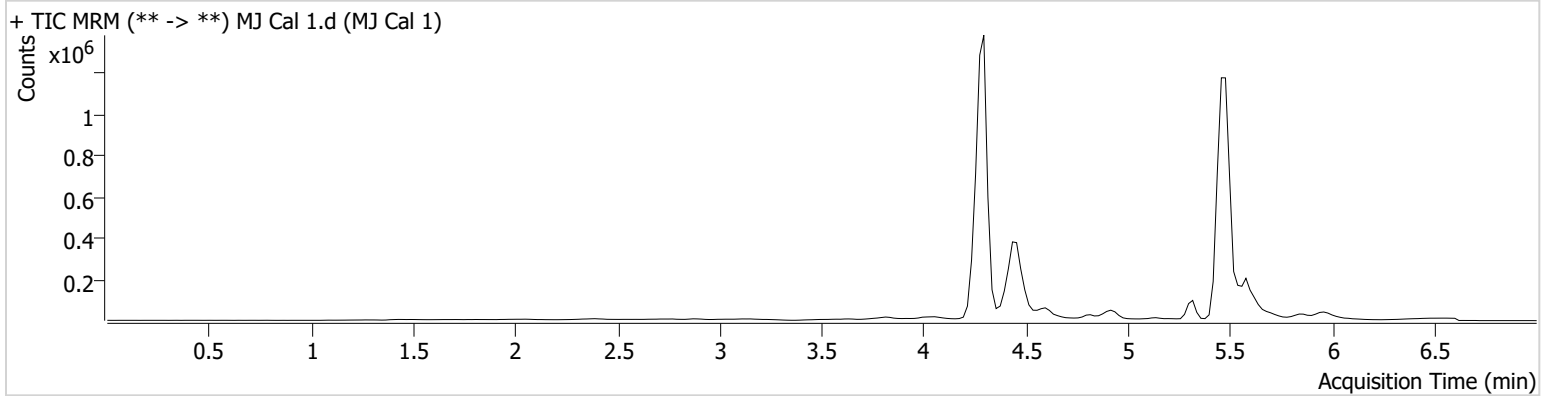
Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/15/2023 8:15:40 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-A1
Injection Volume 10
Acq. Date-Time 6/1/2023 3:56:52 PM
Sample Info.

Data File MJ Cal 1.d
Sample MJ Cal 1
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------|-------|--------|-----------------|-------------------|-----|------------|--------------|
| THC | 5.449 | 2452 | 8.43 Low | 773.6 High | ∞ | 287642 | 0.8709 ng/ml |
| THC-COOH | 4.476 | 121652 | ∞ | 183.7 | ∞ | 1548463 | 4.6706 ng/ml |
| THC-OH | 4.302 | 10260 | ∞ | 820.7 | ∞ | 5306808 | 1.1253 ng/ml |

TS



AM #26 Cannabinoids Screen Results

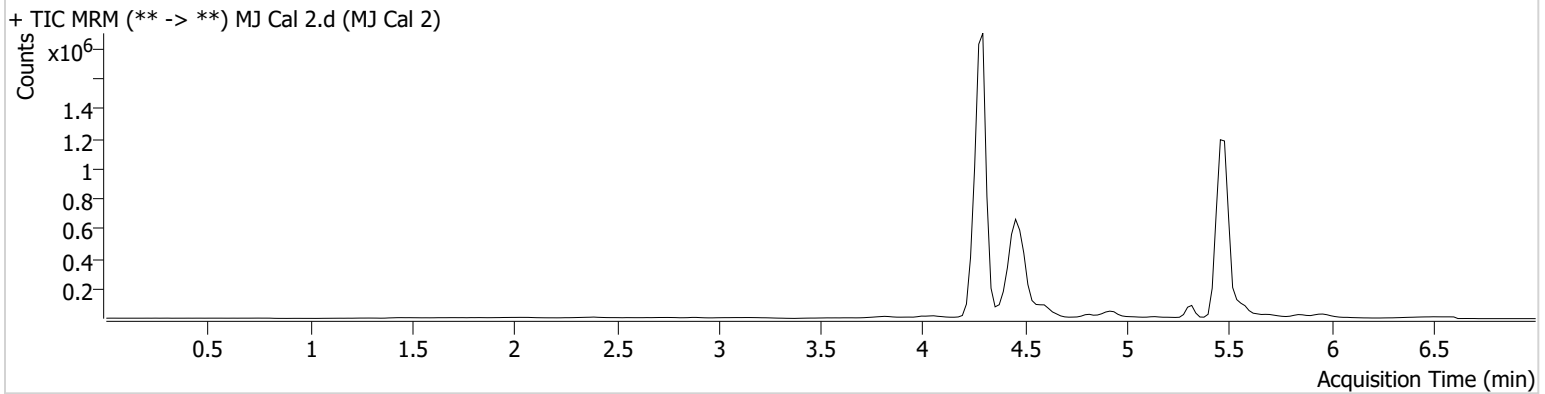
Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/15/2023 8:15:40 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-B1
Injection Volume 10
Acq. Date-Time 6/1/2023 4:04:36 PM
Sample Info.

Data File MJ Cal 2.d
Sample MJ Cal 2
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------|-------|--------|-----|-------|-------|------------|---------------|
| THC | 5.469 | 8707 | ∞ | 208.2 | 26.28 | 394284 | 2.9697 ng/ml |
| THC-COOH | 4.476 | 475730 | ∞ | 166.0 | ∞ | 2370853 | 10.5206 ng/ml |
| THC-OH | 4.302 | 42350 | ∞ | 736.9 | ∞ | 7166942 | 2.9757 ng/ml |

TS



AM #26 Cannabinoids Screen Results

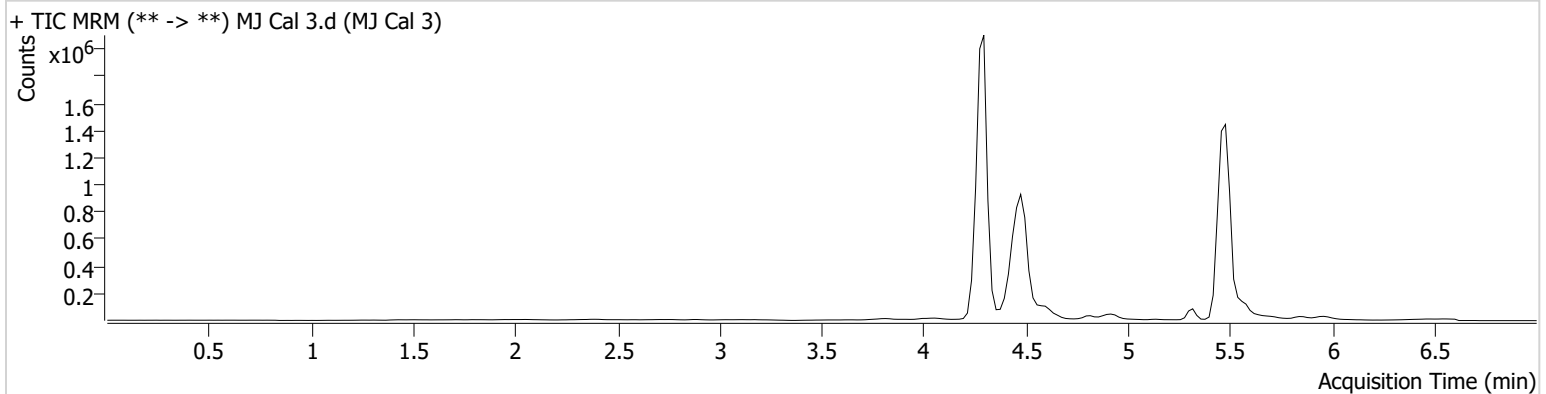
Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/15/2023 8:15:40 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-C1
Injection Volume 10
Acq. Date-Time 6/1/2023 4:12:11 PM
Sample Info.

Data File MJ Cal 3.d
Sample MJ Cal 3
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------|-------|--------|--------|-------|--------|------------|---------------|
| THC | 5.449 | 11825 | ∞ | 202.6 | ∞ | 367344 | 4.5340 ng/ml |
| THC-COOH | 4.476 | 971483 | ∞ | 166.9 | ∞ | 2368658 | 20.5578 ng/ml |
| THC-OH | 4.302 | 70873 | 159.82 | 737.2 | 898.58 | 7249972 | 4.7752 ng/ml |

TS



AM #26 Cannabinoids Screen Results

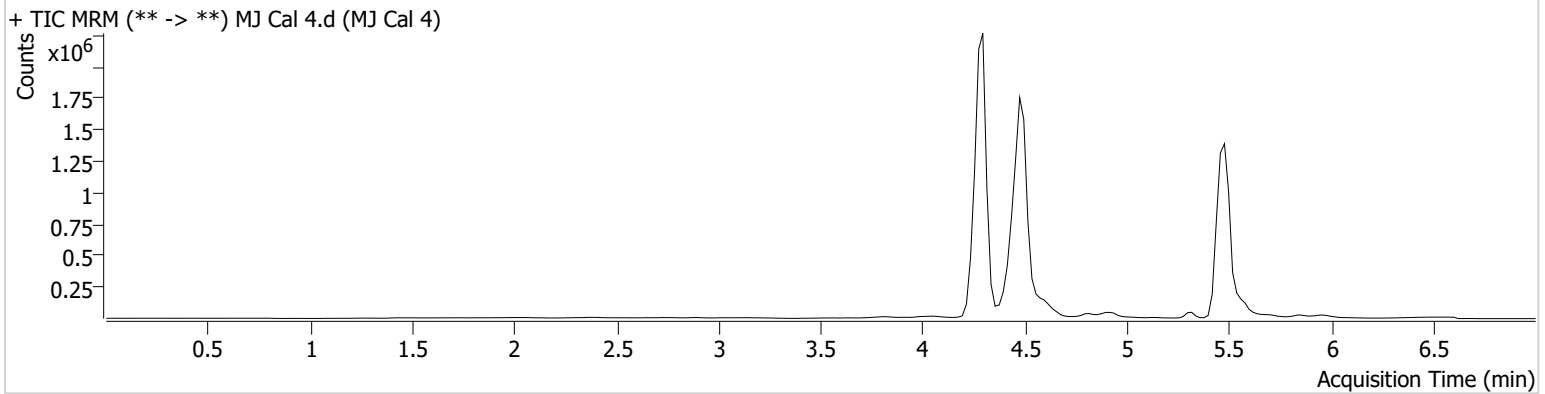
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Calibration Last Update 6/15/2023 8:15:40 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-D1
Injection Volume 10
Acq. Date-Time 6/1/2023 4:19:45 PM
Sample Info.

Data File MJ Cal 4.d
Sample MJ Cal 4
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------|-------|---------|-----|-----------------|-----|------------|---------------|
| THC | 5.449 | 33026 | ∞ | 88.7 Low | ∞ | 438885 | 11.1993 ng/ml |
| THC-COOH | 4.476 | 2385659 | ∞ | 165.0 | ∞ | 2362194 | 49.2962 ng/ml |
| THC-OH | 4.302 | 153024 | ∞ | 740.5 | ∞ | 7711144 | 9.4614 ng/ml |

TS



AM #26 Cannabinoids Screen Results

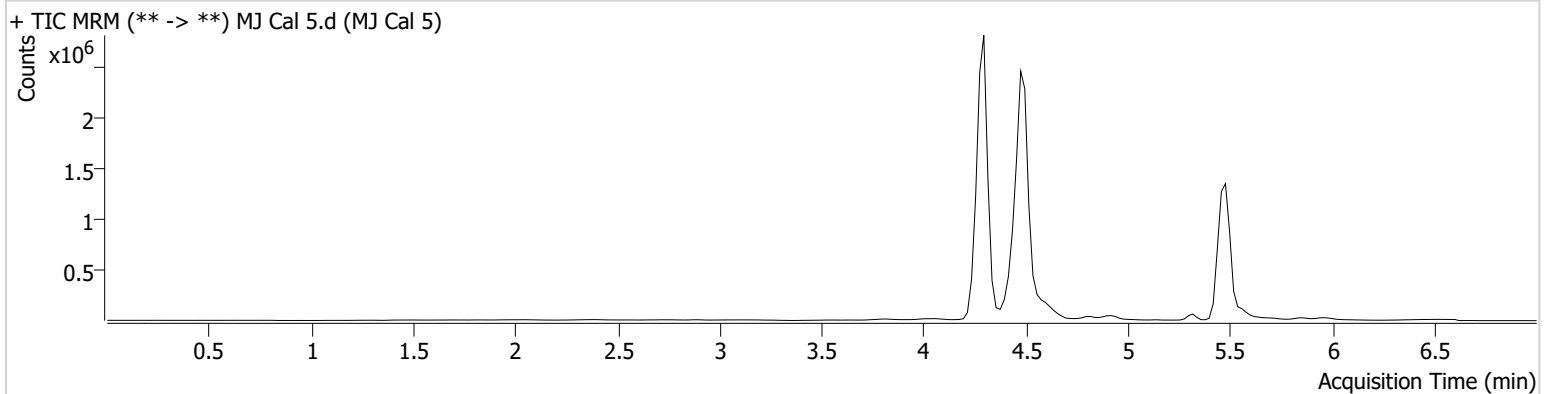
Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/15/2023 8:15:40 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-E1
Injection Volume 10
Acq. Date-Time 6/1/2023 4:27:19 PM
Sample Info.

Data File MJ Cal 5.d
Sample MJ Cal 5
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------|-------|---------|--------|-----------------|-----|------------|---------------|
| THC | 5.449 | 58867 | 317.00 | 55.8 Low | ∞ | 331206 | 27.0635 ng/ml |
| THC-COOH | 4.476 | 3563633 | ∞ | 159.8 | ∞ | 2300160 | 75.1393 ng/ml |
| THC-OH | 4.302 | 379269 | ∞ | 734.2 | ∞ | 7335481 | 24.2887 ng/ml |

TS



AM #26 Cannabinoids Screen Results

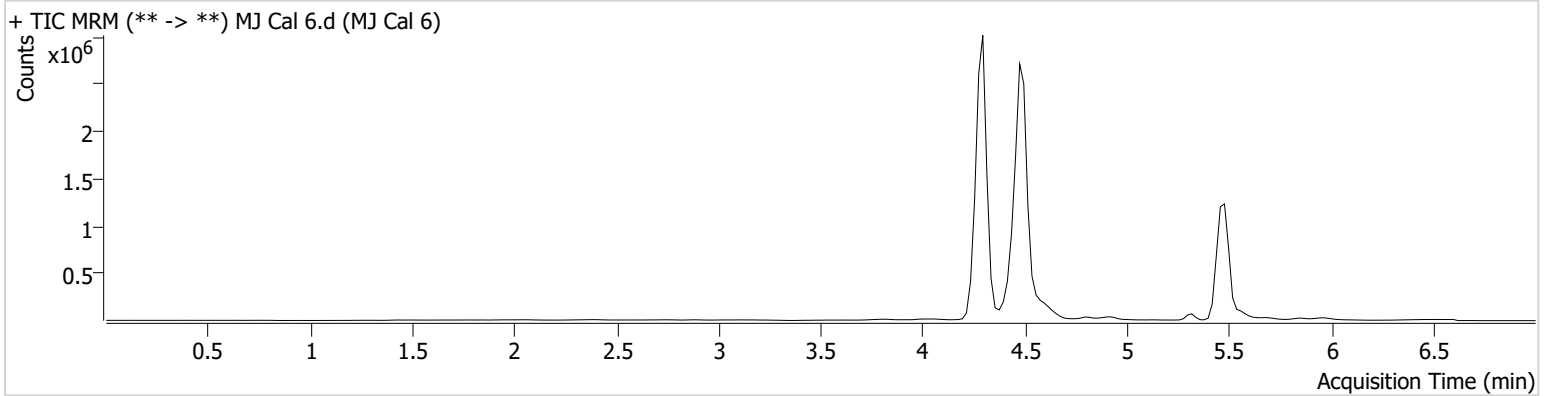
Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/15/2023 8:15:40 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-F1
Injection Volume 10
Acq. Date-Time 6/1/2023 4:34:53 PM
Sample Info.

Data File MJ Cal 6.d
Sample MJ Cal 6
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------|-------|---------|--------|-----------------|-----|------------|---------------|
| THC | 5.449 | 120221 | 289.24 | 38.4 Low | ∞ | 331817 | 55.6346 ng/ml |
| THC-COOH | 4.476 | 4057657 | ∞ | 161.4 | ∞ | 1965625 | 99.8155 ng/ml |
| THC-OH | 4.302 | 642736 | ∞ | 724.4 | ∞ | 6054630 | 49.6313 ng/ml |

AM #26 Cannabinoids Screen Results



Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/15/2023 11:06:57 AM

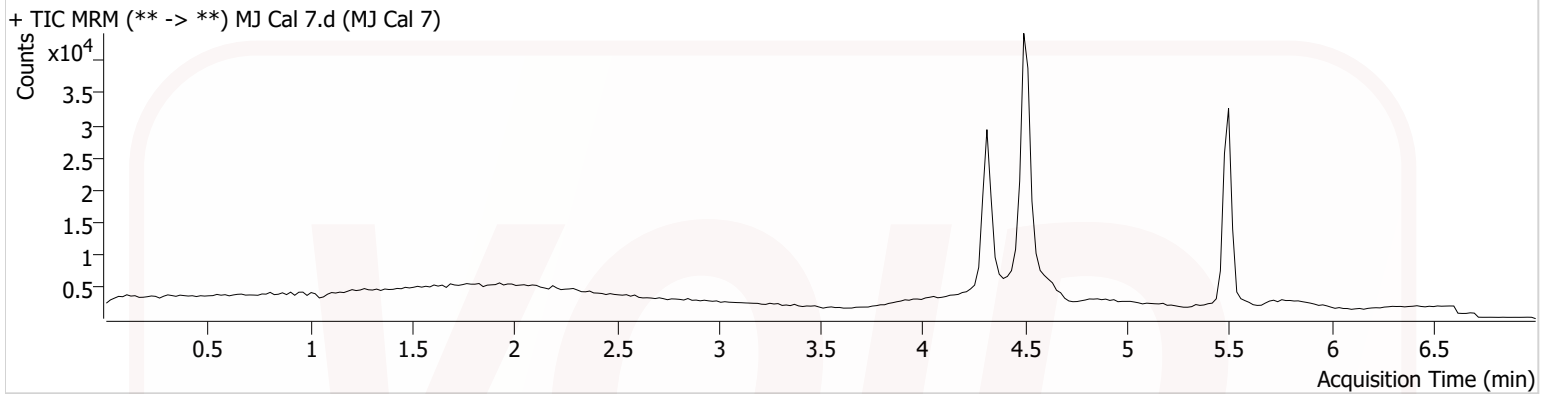
Instrument Falco (069901) **Data File** MJ Cal 7.d
Type Sample **Sample** MJ Cal 7
Acq. Method AM 26 THC.m **Operator** Tamara Salazar

Sample Position P1-G1
Injection Volume 10
Acq. Date-Time 6/1/2023 4:42:27 PM

Sample Info. **Comment**
 Calibrator did not inject correctly.
 Please refer to the re-injection data.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------|-------|-------|-------|-----------------|-----------------|------------|----------------|
| THC | 5.489 | 2872 | 25.49 | 53.6 Low | 7.41 Low | 3874 | 114.2903 ng/ml |
| THC-COOH | 4.496 | 50508 | ∞ | 163.4 | ∞ | 13826 | 175.9443 ng/ml |

TS



AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\060123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/15/2023 8:15:40 AM

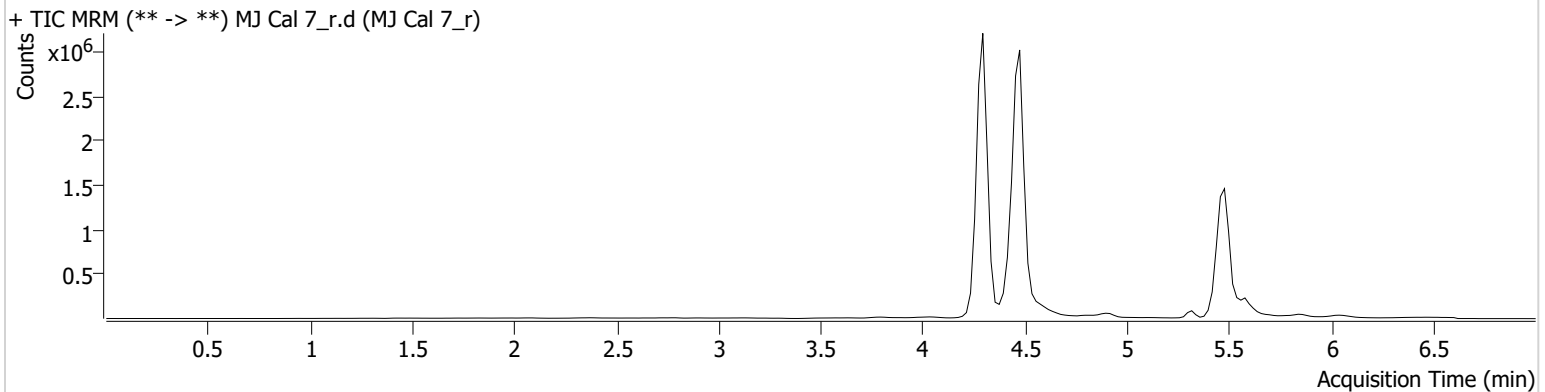
Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-G1
Injection Volume 10
Acq. Date-Time 6/2/2023 9:13:15 AM
Sample Info.

Data File MJ Cal 7_r.d
Sample MJ Cal 7_r
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Re-injection data.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------|-------|---------|--------|-----------------|-----|------------|----------------|
| THC | 5.429 | 107243 | 352.68 | 44.4 Low | ∞ | 180094 | 91.7281 ng/ml |
| THC-COOH | 4.476 | 4490467 | ∞ | 160.1 | ∞ | 1167323 | 185.2222 ng/ml |
| THC-OH | 4.302 | 930020 | ∞ | 738.7 | ∞ | 4263696 | 101.7425 ng/ml |