

Worklist: 6839

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2024-0973	3	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
M2022-0484	6	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
M2024-1224	3	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
M2024-1235	2	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
M2024-1457	2	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
M2024-1645	2	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
M2024-1720	2	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
M2024-1952	2	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
M2024-1954	3	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
M2024-2002	2	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
M2024-2024	3	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
M2024-2127	3	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
P2024-0884	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
P2024-1174	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
P2024-1259	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
P2024-1426	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
P2024-1446	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
P2024-1524	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
P2024-1701	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
P2024-1778	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
P2024-1821	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	

TS

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

Extraction Date: 06/12/2024

Analyst: Tamara Salazar

Plate lot#: 231213

Plate Retest Date: 06/13/2024

Mobile phase A: 10mM Amm Form in LCMS Water

Mobile phase B: 0.1% Formic Acid in MeOH

Blank Blood Lot: Lampire 24C52816

Blank Urine Lot: POC021022

LCMS-QQQ ID: 069901

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:

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	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	-	P2024-1524-1	M2024-2002-2	M2022-0484-6
B	IS + Cal. 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1446-1	M2024-1954-3	C2024-0973-3
C	IS + Control 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1426-1	M2024-1952-2	Neg Urine
D	IS + Control 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1259-1	M2024-1720-2	Neg Blood
E	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1174-1	M2024-1645-2	IS + Control 1
F	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1821-1	P2024-0884-1	M2024-1457-2	IS + Control 1
G	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1778-1	M2024-2127-3	M2024-1235-2	IS + Cal. 1
H	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1701-1	M2024-2024-3	M2024-1224-3	IS + Cal. 1

All wells to contain 60 µl of residual DMSO

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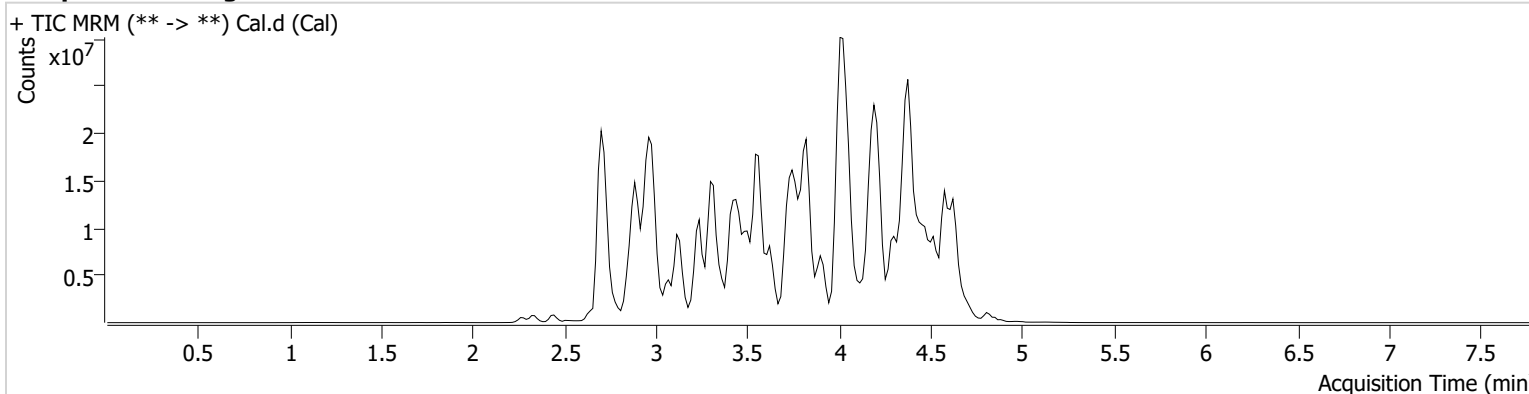
AM #25 Multi-Drug Screen. Results

Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 6/18/2024 3:45:35 PM

Instrument Falco (069901) **Data File** Cal.d
Type Cal **Sample** Cal
Acq. Method AM 25 MDS.m **Operator** Tamara Salazar
Sample Position P2-H12 **Comment**
Injection Volume 5
Acq. Date-Time 6/12/2024 4:27:04 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	S/N	ISTD Resp.	Calc. Conc.
10-OH-Carbamazepine	3.749	2536435	174.10	2042.01	20376755	10.0000
6-MAM	2.881	54153	300.35	27738.77	2004976	10.0000
7-aminoclonazepam	3.561	848629	255.71	391.32	4595837	10.0000
7-aminoflunitrazepam	3.761	2345855	261.74	1926.07	14832151	10.0000
9-Hydroxyrisperidone	3.815	9613722	73395.64	105827.0	34721804	10.0000
Acetyl Fentanyl	3.804	470411	523.26	94932.70	36598525	10.0000
Acetyl Norfentanyl	2.889	329382	263.21	212.99	36598525	10.0000
a-hydroxyalprazolam	4.483	200042	71.51	92.84	14832151	10.0000
alpha-hydroxymidazolam	4.558	2103422	264.25	599.32	14832151	10.0000
Alpha-PHP	3.796	3212251	10469.29	956.06	36598525	10.0000
alpha-PVP	3.520	4331098	936.55	208.43	13179941	10.0000
Alprazolam	4.593	1612222	102.81	361.98	21254241	10.0000
Amitriptyline	4.397	2455965	157.20	325.82	11488179	10.0000
Amphetamine	2.894	3809866	3195.60	768.99	13179941	10.0000
Benzoyllecgonine	3.360	105226	505.46	13.46	591392	10.0000
Bromazolam	4.650	914705	6352.44	3028.41	21254241	10.0000
Brompheniramine	4.005	121974	223.93	852.71	48551762	10.0000
Buprenorphine	4.401	65713	2185.73	2451.72	4232589	10.0000
Bupropion	3.734	5846891	1331.86	759.19	24797139	10.0000
Carbamazepine	4.214	8600547	∞	1265.32	246759	10.0000
Carisoprodol	4.197	1146713	324.80	176.65	9926790	10.0000
Chlordiazepoxide	4.687	1090538	1264.01	149.98	21254241	10.0000
Chlorpheniramine	3.917	9176428	14914.41	16.67	14942244	10.0000
Chlorpromazine	4.576	2972370	1593868.53	751.12	20823365	10.0000
Citalopram	4.035	3392435	547.87	2704509.76	48551762	10.0000
Clomipramine	4.592	4224070	5425.19	4986.69	48551762	10.0000
Clonazepam	4.407	994864	162.93	589821.88	246759	10.0000
Clonazolam	4.342	1370480	410272.87	185638.49	21254241	10.0000
Clozapine	4.220	4453087	2840.35	1379.87	24096501	10.0000

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AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Cocaethylene	3.758	5022818	2984198.08	159442.29	32837921	10.0000
Cocaine	3.560	4899196	1688.31	814.98	32837921	10.0000
Codeine	2.778	407193	2241.09	8352.74	10473454	10.0000
Cyclobenzaprine	4.320	3514981	945.22	182.49	11488179	10.0000
Desipramine	4.336	5860786	954.92	686.38	11488179	10.0000
Dextromethorphan	4.041	1983576	974.84	233.32	14942244	10.0000
Dextrorphan	3.363	2661188	512.76	2937.07	14942244	10.0000
Diazepam	4.811	1275030	1388.65	452.19	21254241	10.0000
Dihydrocodeine	2.731	1065456	841.33	500.93	10473454	10.0000
Diphenhydramine	3.996	10708048	1252.60	1692.88	48551762	10.0000
DMT	2.952	540306	2717.41	1626.40	14942244	10.0000
Doxepin	4.118	2808773	1042.72	112.06	30637350	10.0000
Doxylamine	3.624	9969063	1717.92	289.79	14942244	10.0000
Duloxetine	4.302	166571	129351.38	15445.78	2274789	10.0000
EDDP	4.055	297872	390.75	154.81	2233900	10.0000
Estazolam	4.502	4958131	968.17	1001.84	21254241	10.0000
Etizolam	4.604	263255	181483.69	1020008.86	21254241	10.0000
Fentanyl	4.019	382994	141.54	32558.95	25094269	10.0000
Flualprazolam	4.452	882494	546.11	402.93	21254241	10.0000
Flunitrazepam	4.531	2103990	358.99	318.07	21254241	10.0000
Fluorofentanyl	4.064	648594	25392.89	802.50	25094269	10.0000
Fluoxetine	4.300	3889737	1456.17	522.44	10085644	10.0000
Flurazepam	4.125	3578373	552515.18	59269.24	21254241	10.0000
Hydrocodone	2.977	1437303	179.70	386.01	10473454	10.0000
Hydromorphone	2.444	1287247	599.69	392.27	530654	10.0000
Hydroxyzine	4.434	4309804	1110.68	1352.95	24096501	10.0000
Imipramine	4.350	8669598	1918.69	1545.28	11488179	10.0000
Ketamine	3.442	4059943	2419.60	126.25	15727869	10.0000
Lamotrigine	3.548	2955412	3273.25	2976.57	48551762	10.0000
Levamisole	2.936	3180464	2721.09	24.92	32837921	10.0000
Levetiracetam	2.648	1900342	839.81	585.32	48551762	10.0000
Lorazepam	4.407	349154	163.95	158.94	21254241	10.0000
Maprotiline	4.397	1834991	125.32	227.64	11488179	10.0000
MDA	2.999	3436384	500.39	6.51	31564580	10.0000
MDEA	3.213	6128076	4341.79	708.74	31564580	10.0000
MDMA	3.075	7086487	19708.31	661.51	31564580	10.0000
Meperidine	3.579	2817183	490.15	10151.65	14942244	10.0000
Meprobamate	3.659	1042905	3567.88	160.24	9926790	10.0000
Methadone	4.362	8029630	604.31	834.75	2233900	10.0000
Methamphetamine	2.985	15691450	4749.23	581.28	31564580	10.0000
Methocarbamol	3.565	293561	54.38	632.27	2233900	10.0000
Methylphenidate	3.488	14167314	756.13	345.94	25072931	10.0000
Metoprolol	3.424	970712	616.64	6362.27	14942244	10.0000
Midazolam	4.714	751788	600.93	622.25	21254241	10.0000
Mirtazapine	3.840	4085294	1878.86	25019.42	14942244	10.0000
Mitragynine	4.140	563387	1756.34	890262.49	14942244	10.0000
Morphine	2.278	339512	473.71	312.45	530654	10.0000
Norbuprenorphine	3.800	128584	213834.99	36427.61	4232589	10.0000
Nordiazepam	4.674	1818886	1017.23	332.03	21254241	10.0000
Norfentanyl	3.319	9094433	611.08	180.65	36598525	10.0000
Norhydrocodone	2.917	101894	56.40	72.93	530654	10.0000
Norketamine	3.520	665361	587.29	1158.94	15727869	10.0000
Normeperidine	3.581	2714893	497.33	187.20	48551762	10.0000
Noroxycodone	2.869	1330312	∞	169.76	15727869	10.0000
Nortriptyline	4.382	2133035	890.42	197.03	11488179	10.0000
O-desmethyl-tramadol	2.903	9013525	2613.72	131.65	48551762	10.0000
O-desmethylvenlafaxine	3.239	1875248	573.38	12878.59	11470194	10.0000
Olanzapine	3.759	1431356	92179.07	515.56	246759	10.0000

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Generated at 3:46 PM on 6/18/2024

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AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Oxazepam	4.487	1830599	897.97	107.58	14832151	10.0000
Oxycodone	2.898	3108380	373.67	3370.11	15727869	10.0000
Oxymorphone	2.336	1513520	∞	768.57	530654	10.0000
Paroxetine	4.297	663592	187.96	282034.3 9	10085644	10.0000
Phenazepam	4.604	2455592	2527.61	452048.4 6	21254241	10.0000
Phencyclidine	3.904	7190825	9299.28	144.29	14942244	10.0000
Phentermine	3.154	2127695	77.07	72.57	25072931	10.0000
Phenytoin	4.105	532312	340.06	525.76	246759	10.0000
Primidone	3.459	10920793	37567343.52	1100.92	246759	10.0000
Promethazine	4.287	10086453	618.06	204.50	48551762	10.0000
Pseudoephedrine	2.709	55803705	576.81	27665.71	31564580	10.0000
Quetiapine	4.372	5090820	1115.40	644049.2 3	37056085	10.0000
Risperidone	4.001	6828407	3604.16	834.54	34721804	10.0000
Sertraline	4.532	1911943	582.84	357.41	10085644	10.0000
Sufentanil	4.341	304466	12804.93	1568.37	36598525	10.0000
Tapentadol	3.428	6462938	1133.27	344.80	15727869	10.0000
Temazepam	4.641	4390469	796.88	82.47	21254241	10.0000
Topiramate	3.818	586895	232618.34	59713.64	259372	10.0000
Tramadol	3.409	20846297	711.37	53.98	48551762	10.0000
Trazodone	4.418	8373467	72188.54	2461976. 18	30637350	10.0000
Venlafaxine	3.777	8304538	250.29	229.87	11470194	10.0000
Xylazine	3.366	2850942	958.96	97.60	15727869	10.0000
Zaleplon	4.317	2020404	9242.84	303.82	37056085	10.0000
Zolpidem	4.193	9785525	15236.16	862213.8 2	37056085	10.0000
Zopiclone	4.017	677082	20987.83	116164.7 3	3961862	10.0000

TS

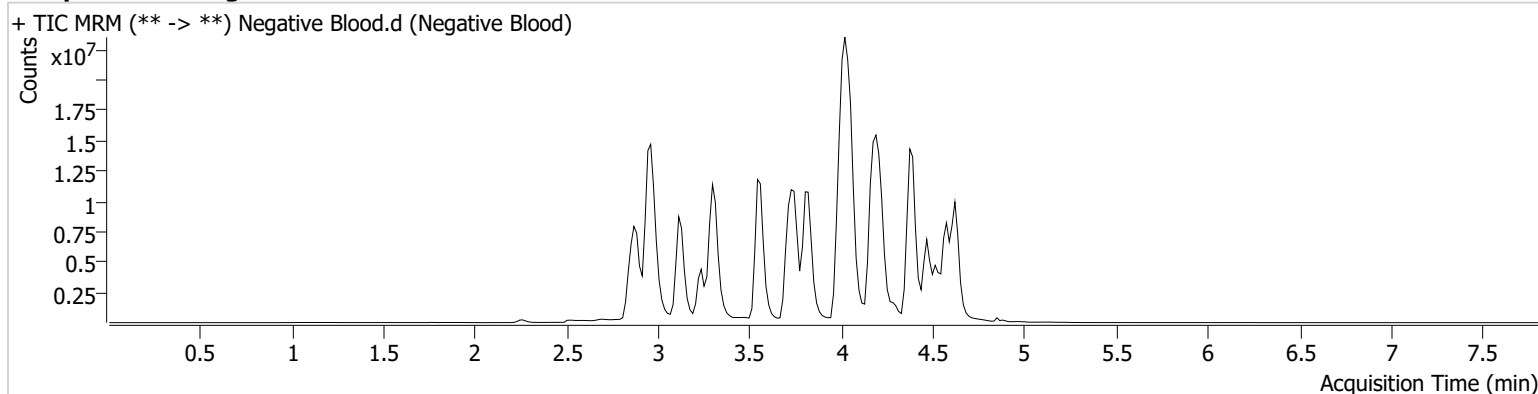


AM #25 Multi-Drug Screen. Results

Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 6/18/2024 3:45:35 PM

Instrument	Falco (069901)	Data File	Negative Blood.d
Type	Sample	Sample	Negative Blood
Acq. Method	AM 25 MDS.m	Operator	Tamara Salazar
Sample Position	P2-D12	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	6/12/2024 4:35:41 PM		
Sample Info.			

Sample Chromatogram



TS

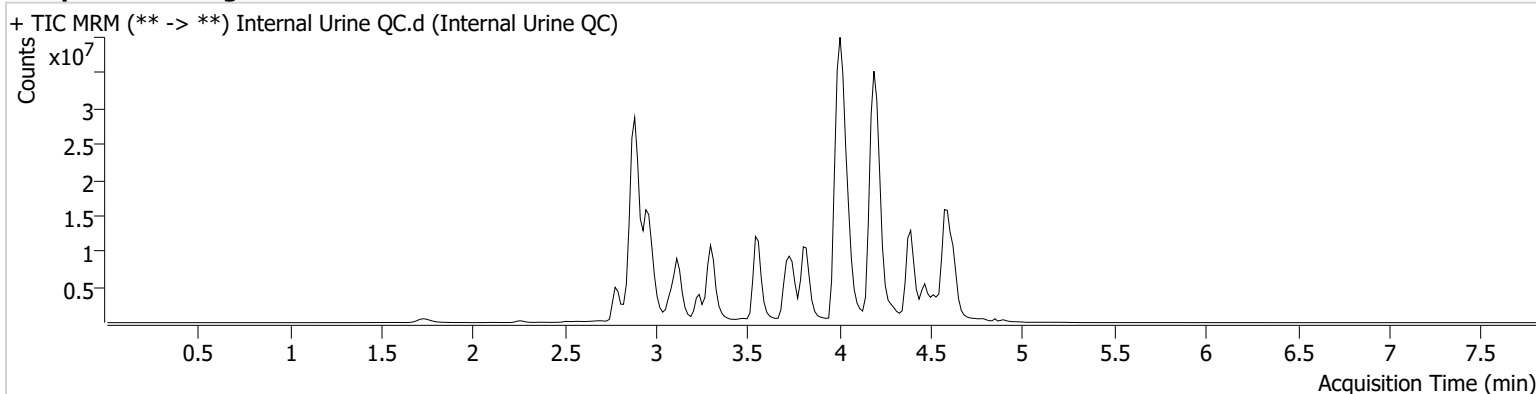


AM #25 Multi-Drug Screen. Results

Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 6/18/2024 3:45:35 PM

Instrument	Falco (069901)	Data File	Internal Urine QC.d
Type	Sample	Sample	Internal Urine QC
Acq. Method	AM 25 MDS.m	Operator	Tamara Salazar
Sample Position	P2-F12	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	6/12/2024 7:50:11 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Alprazolam	4.593	20683062	1377.91	2391.37	19766908	137.9421
Amphetamine	2.894	35786186	832.11	338.88	10736163	115.3108
Codeine	2.778	4626372	5031.29	1296.67	9932926	119.7988
Diphenhydramine	4.011	53201748	4455.07	2789.10	46428959	51.9555
Zolpidem	4.193	51607356	42505.20	6203.57	33601765	58.1601

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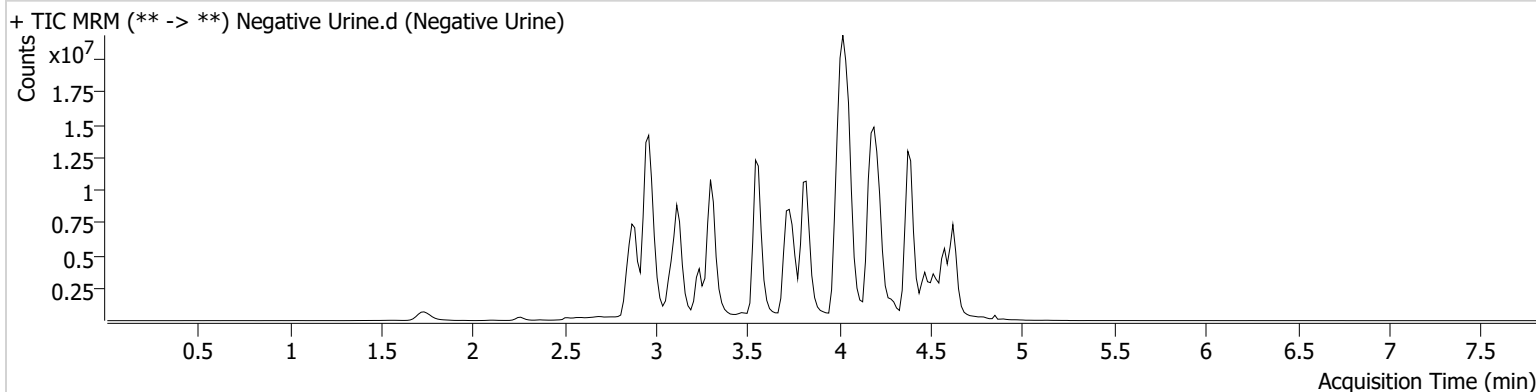


AM #25 Multi-Drug Screen. Results

Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 6/18/2024 3:45:35 PM

Instrument	Falco (069901)	Data File	Negative Urine.d
Type	Sample	Sample	Negative Urine
Acq. Method	AM 25 MDS.m	Operator	Tamara Salazar
Sample Position	P2-C12	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	6/12/2024 4:44:08 PM		
Sample Info.			

Sample Chromatogram



TS

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

Extraction Date: 06/12/2024

Plate lot#: 240513

Mobile phase A: 10mM Amm Form in LCMS Water

Blank Blood Lot: Lampire 24C52816

LCMS-QQQ ID: 069901

Analyst: Tamara Salazar

Plate Retest Date: 11/13/2024

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

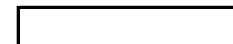
- 1. Create batch and process data.
- 2. Make any necessary integration changes, R² values ≥0.98 for each analyte
- 3. RT +/- 2% or 0.100 min, whichever is greater
- 4. Confirmation testing on case samples with a response for THC and OH-THC of 3ng/mL or greater and/or Carboxy-THC at 10ng/mL or greater (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:.

TS

	1	2	3	4	5	6
A	IS + Cal. 1	IS + QC_1	M2024-1645-2	P2024-1174-1		IS + QC_1
B	IS + Cal. 2	Neg Blood	M2024-1720-2	P2024-1259-1		IS + Cal. 7
C	IS + Cal. 3	Neg Urine	M2024-1952-2	P2024-1426-1		IS + Cal. 6
D	IS + Cal. 4	C2024-0973-3	M2024-1954-3	P2024-1446-1		IS + Cal. 5
E	IS + Cal. 5	M2022-0484-6	M2024-2002-2	P2024-1524-1		IS + Cal. 4
F	IS + Cal. 6	M2024-1224-3	M2024-2024-3	P2024-1701-1		IS + Cal. 3
G	IS + Cal. 7	M2024-1235-2	M2024-2127-3	P2024-1778-1		IS + Cal. 2
H	IS + QC_1	M2024-1457-2	P2024-0884-1	P2024-1821-1	IS + QC_1	IS + Cal. 1

All wells to contain 100 µl of residual DMSO



TS



AM #26 Cannabinoids Screen Results

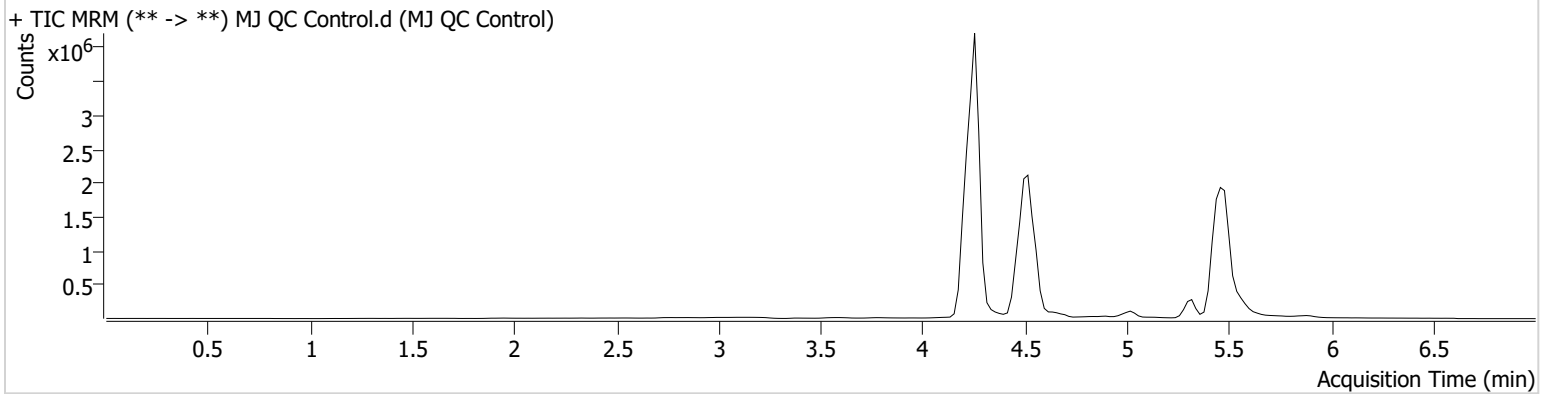
Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/18/2024 3:49:27 PM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-H1
Injection Volume 10
Acq. Date-Time 6/12/2024 12:34:28 PM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.409	10531	469930	4.60 ng/ml
THC-COOH	4.536	1538139	7636209	15.13 ng/ml
THC-OH	4.262	157422	17393015	4.81 ng/ml

TS



AM #26 Cannabinoids Screen Results

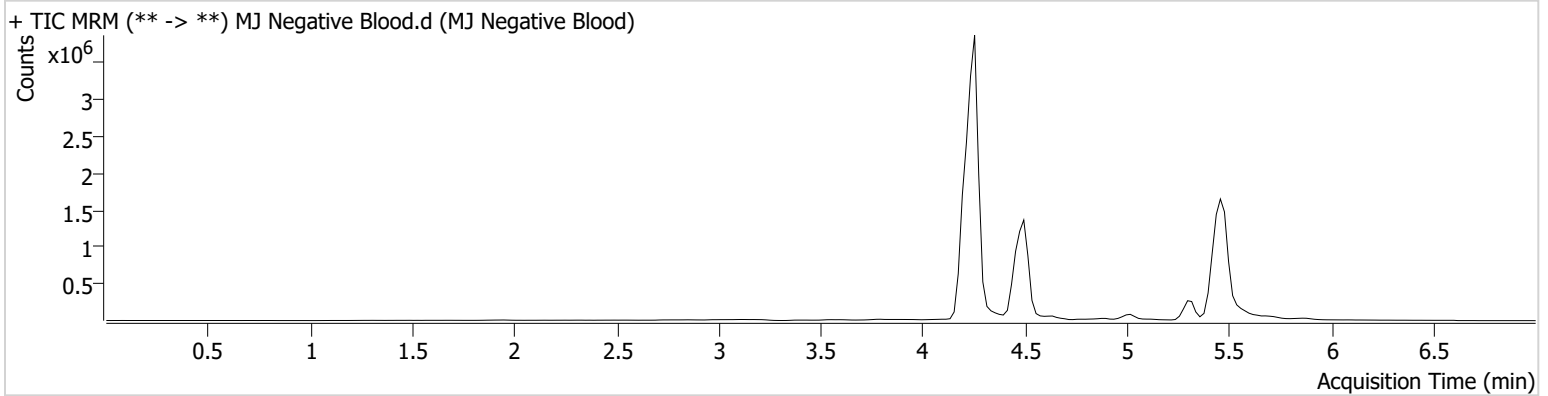
Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/18/2024 3:49:27 PM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P1-B2
Injection Volume 10
Acq. Date-Time 6/12/2024 12:49:40 PM
Sample Info.

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

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Sample Chromatogram



TS



AM #26 Cannabinoids Screen Results

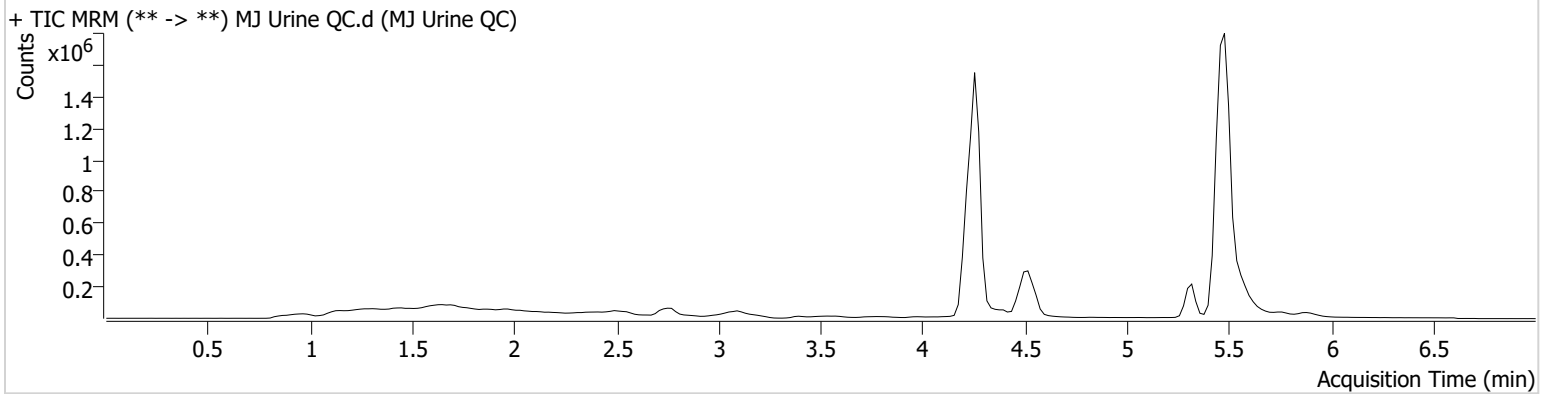
Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/20/2024 8:13:57 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-A2
Injection Volume 10
Acq. Date-Time 6/12/2024 3:52:27 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.	ISTD Resp.	Final Conc.
THC	5.429	2913	118599	5.04 ng/ml
THC-COOH	4.536	199494	1003994	14.93 ng/ml
THC-OH	4.282	55869	6238918	4.76 ng/ml

TS



AM #26 Cannabinoids Screen Results

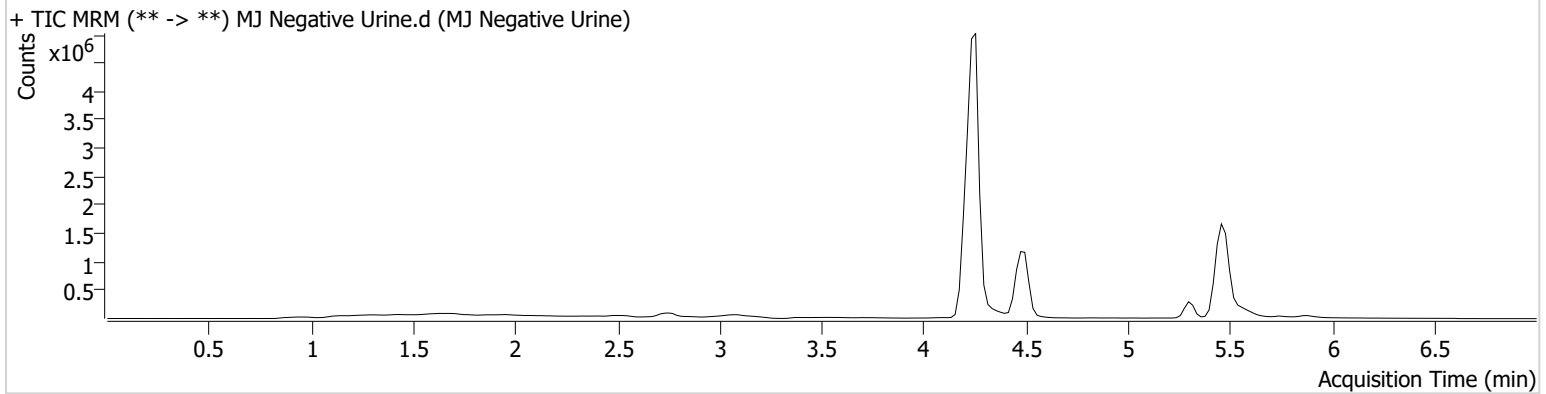
Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/18/2024 3:49:27 PM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P1-C2
Injection Volume 10
Acq. Date-Time 6/12/2024 12:57:15 PM
Sample Info.

Data File MJ Negative Urine.d
Sample MJ 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

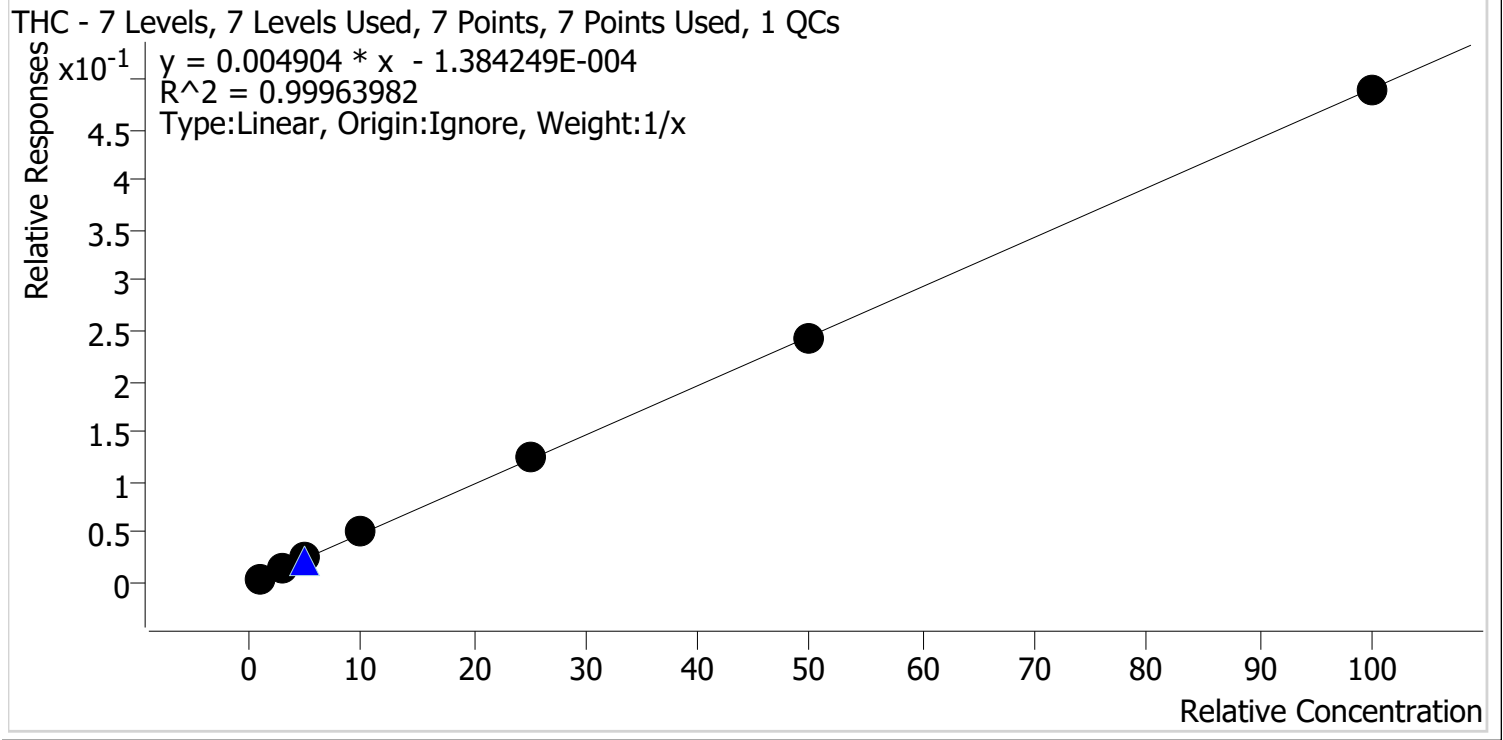


TS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 26.batch.bin
 Last Cal. Update 6/18/2024 3:49 PM
 Analyst Name ISP\Datastor
 Analyte THC Internal Standard THC-D3



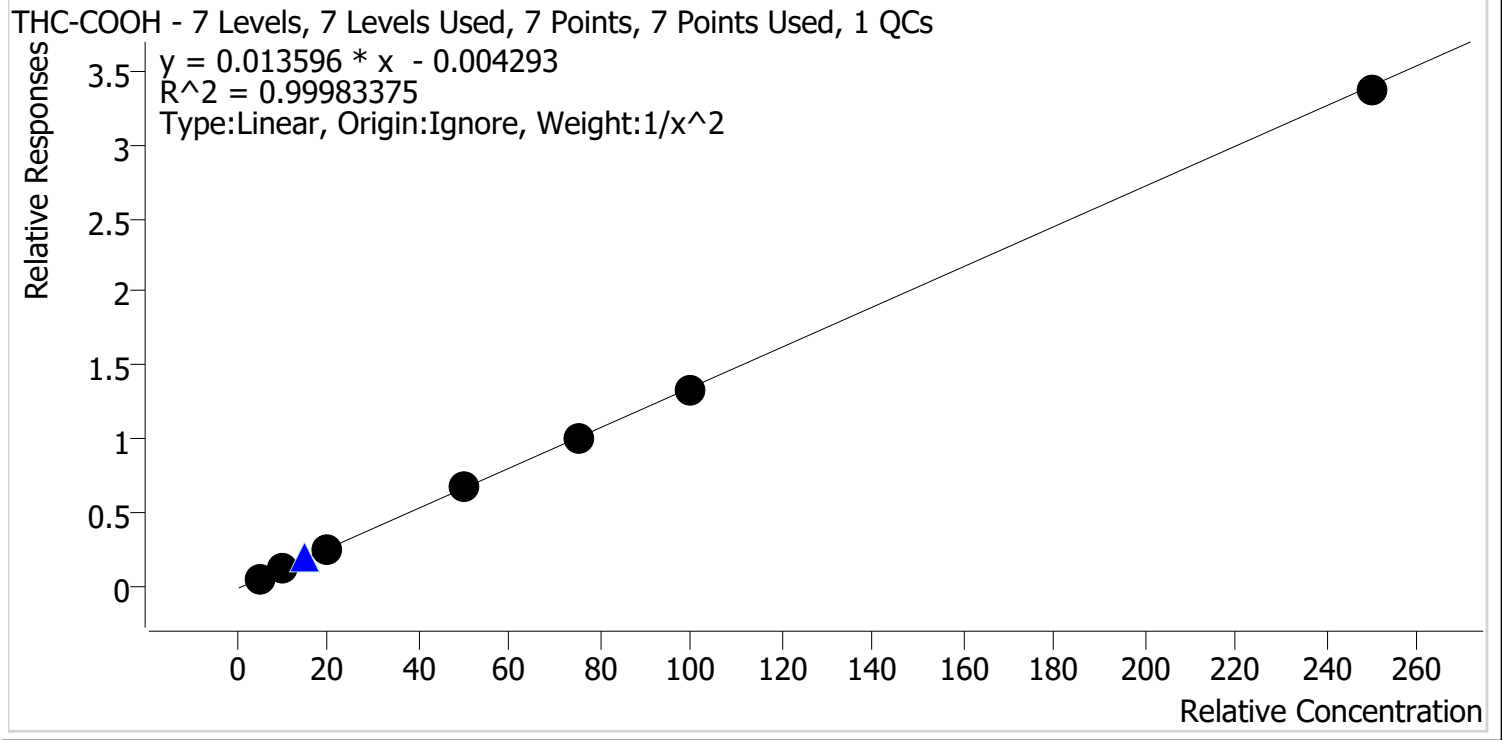
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	0.9	94.4
MJ Cal 2	2	✓	3.0	2.9	95.5
MJ Cal 3	3	✓	5.0	5.3	105.3
MJ Cal 4	4	✓	10.0	10.5	104.6
MJ Cal 5	5	✓	25.0	25.4	101.7
MJ Cal 6	6	✓	50.0	49.4	98.9
MJ Cal 7	7	✓	100.0	99.6	99.6

TS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 6/18/2024 3:49 PM
Analyst Name ISP\Datastor
Analyte THC-COOH **Internal Standard** THC-COOH-D9



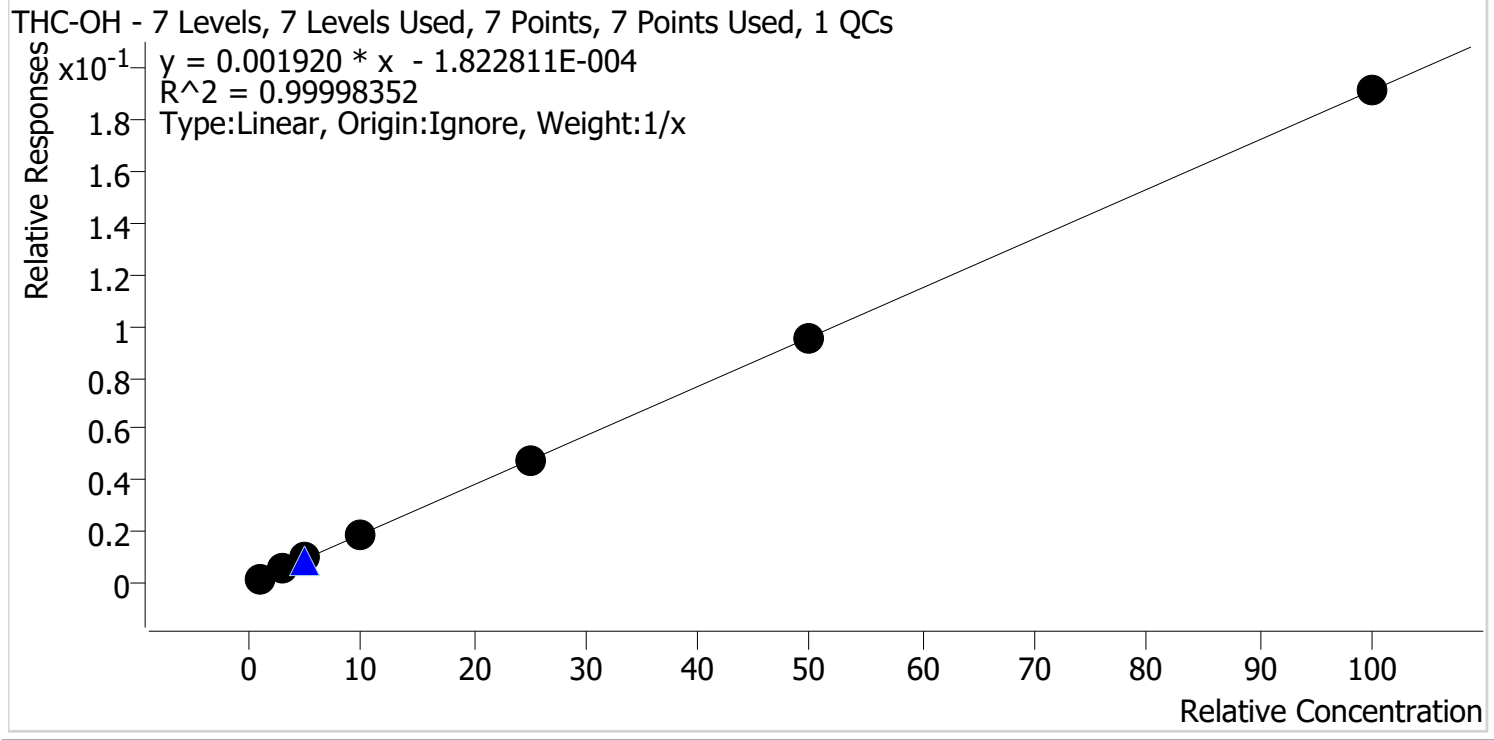
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	5.0	99.2
MJ Cal 2	2	✓	10.0	10.1	101.3
MJ Cal 3	3	✓	20.0	20.1	100.5
MJ Cal 4	4	✓	50.0	50.6	101.3
MJ Cal 5	5	✓	75.0	74.9	99.8
MJ Cal 6	6	✓	100.0	98.9	98.9
MJ Cal 7	7	✓	250.0	247.5	99.0

TS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 6/18/2024 3:49 PM
Analyst Name ISP\Datastor
Analyte THC-OH **Internal Standard** THC-OH-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.0	100.3
MJ Cal 2	2	✓	3.0	2.9	98.2
MJ Cal 3	3	✓	5.0	5.0	100.5
MJ Cal 4	4	✓	10.0	10.1	100.8
MJ Cal 5	5	✓	25.0	25.1	100.5
MJ Cal 6	6	✓	50.0	49.9	99.7
MJ Cal 7	7	✓	100.0	100.0	100.0

TS



AM #26 Cannabinoids Screen Results

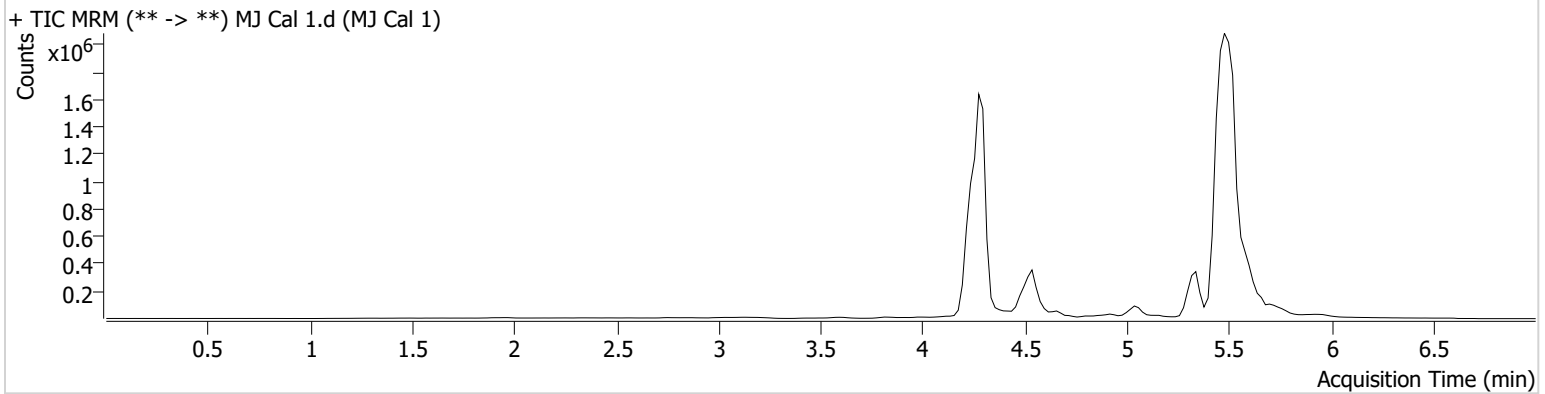
Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/18/2024 3:49:27 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-A1
Injection Volume 10
Acq. Date-Time 6/12/2024 11:41:16 AM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.429	2832	630593	0.94 ng/ml Low
THC-COOH	4.576	92846	1470898	4.96 ng/ml Low
THC-OH	4.302	14194	8143201	1.00 ng/ml Low

TS



AM #26 Cannabinoids Screen Results

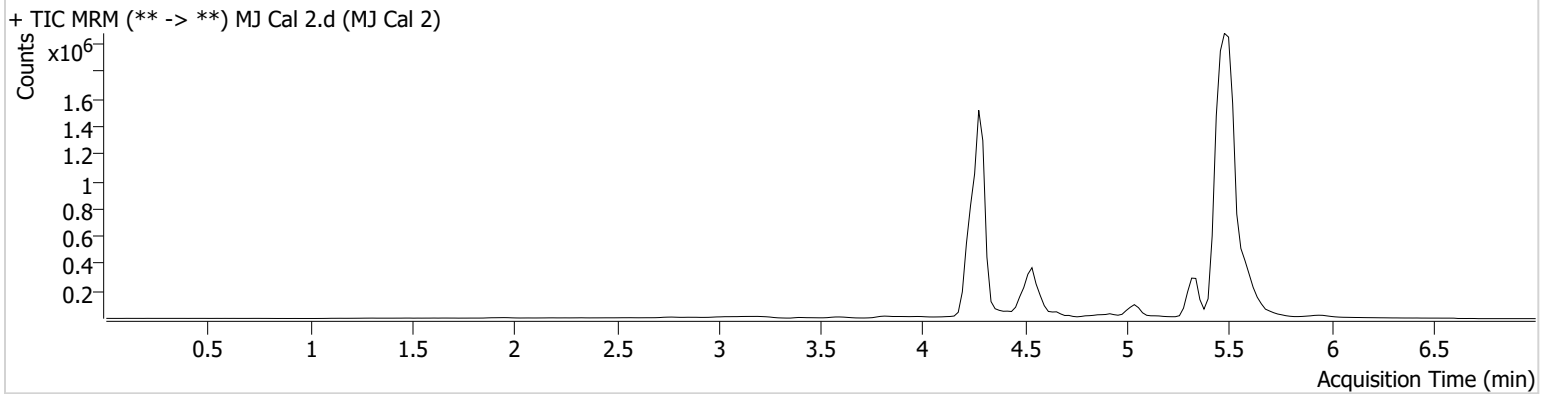
Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/18/2024 3:49:27 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-B1
Injection Volume 10
Acq. Date-Time 6/12/2024 11:49:01 AM
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.	ISTD Resp.	Final Conc.
THC	5.429	9336	671076	2.87 ng/ml Low
THC-COOH	4.576	182182	1365178	10.13 ng/ml
THC-OH	4.302	37050	6766945	2.95 ng/ml Low

TS



AM #26 Cannabinoids Screen Results

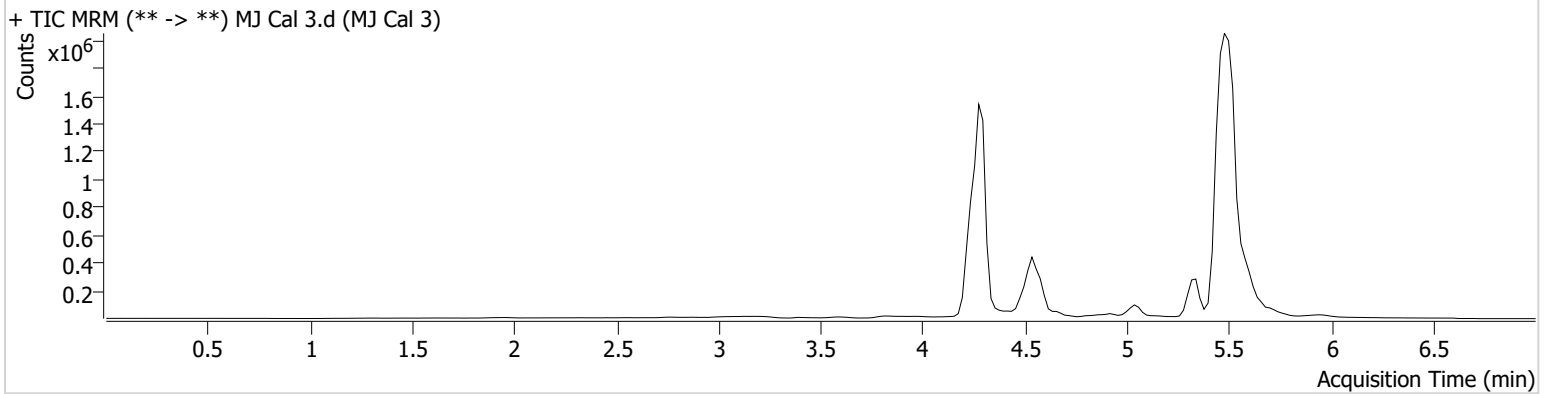
Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/18/2024 3:49:27 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-C1
Injection Volume 10
Acq. Date-Time 6/12/2024 11:56:35 AM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.429	14808	576680	5.27 ng/ml
THC-COOH	4.576	363013	1349207	20.11 ng/ml
THC-OH	4.302	64858	6849336	5.03 ng/ml

TS



AM #26 Cannabinoids Screen Results

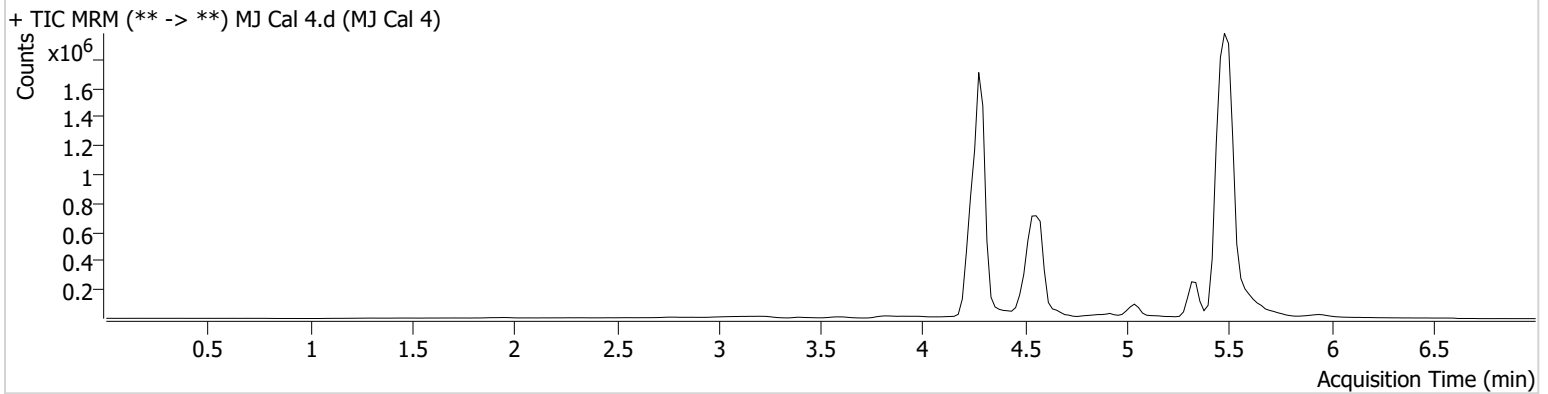
Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/18/2024 3:49:27 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-D1
Injection Volume 10
Acq. Date-Time 6/12/2024 12:04:09 PM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.449	31156	609028	10.46 ng/ml
THC-COOH	4.576	1002745	1465330	50.65 ng/ml
THC-OH	4.302	126785	6613438	10.08 ng/ml

TS



AM #26 Cannabinoids Screen Results

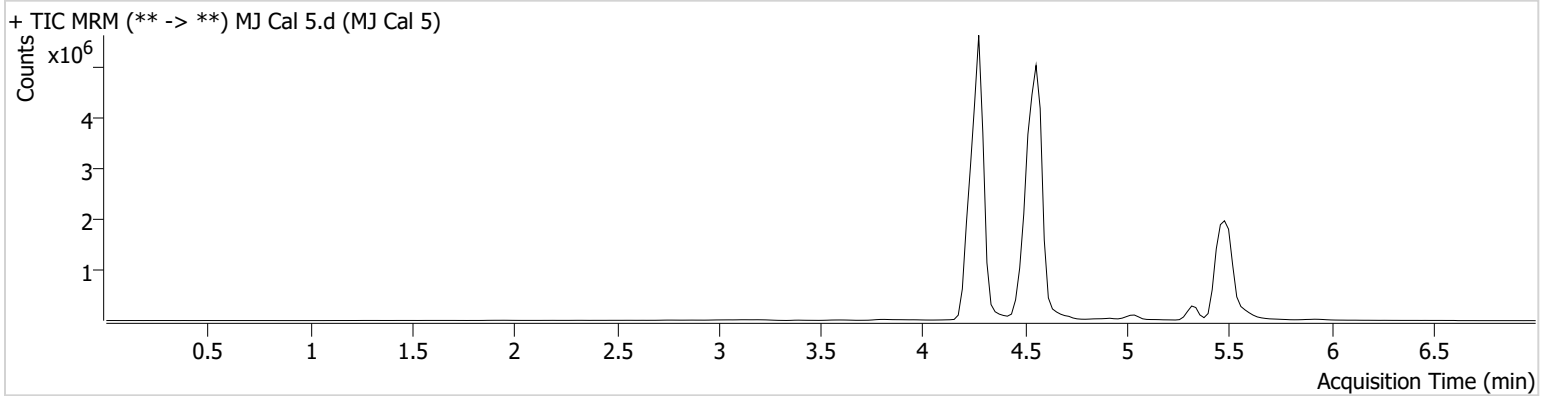
Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/18/2024 3:49:27 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-E1
Injection Volume 10
Acq. Date-Time 6/12/2024 12:11:45 PM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.429	72007	578261	25.42 ng/ml
THC-COOH	4.556	7547370	7445055	74.88 ng/ml
THC-OH	4.282	850984	17709313	25.12 ng/ml

TS



AM #26 Cannabinoids Screen Results

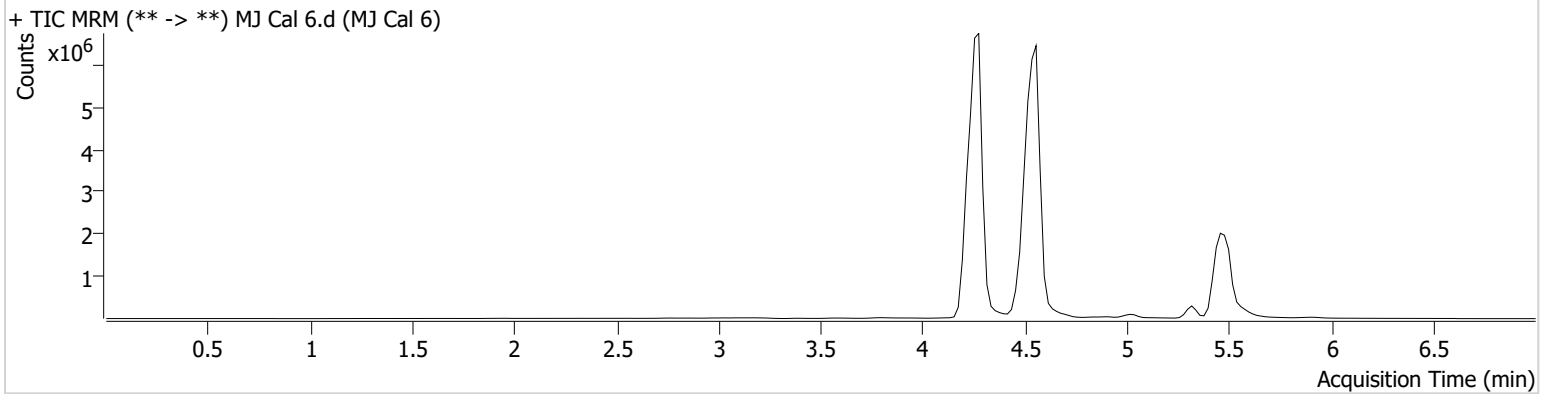
Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/18/2024 3:49:27 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-F1
Injection Volume 10
Acq. Date-Time 6/12/2024 12:19:20 PM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.429	145488	600527	49.43 ng/ml
THC-COOH	4.556	9793227	7309592	98.86 ng/ml
THC-OH	4.282	1717399	17972469	49.86 ng/ml

TS



AM #26 Cannabinoids Screen Results

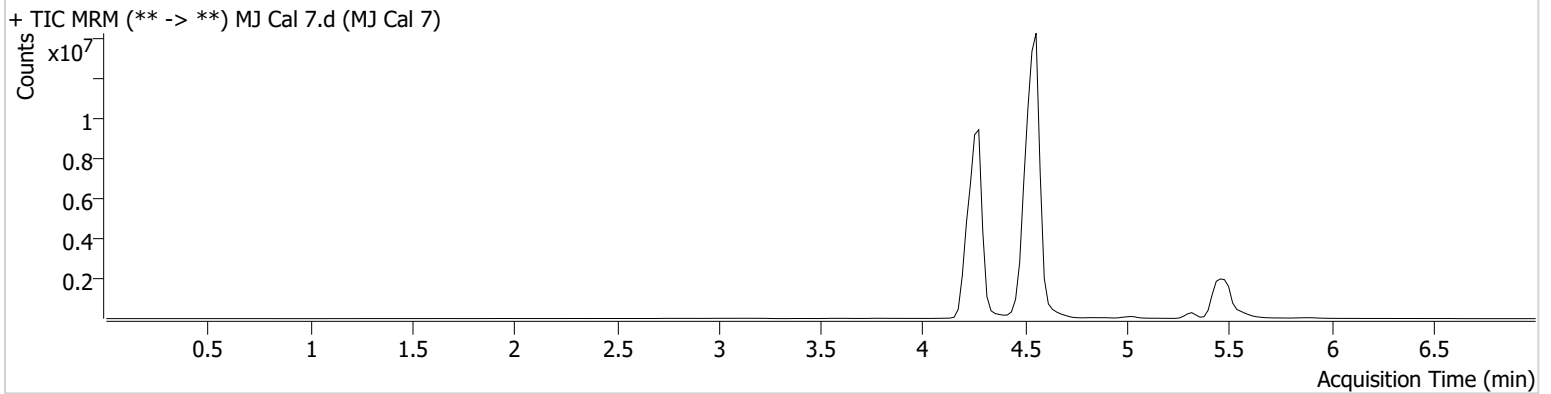
Batch results D:\MassHunter\Data\2024\AM 25 26\061224 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/18/2024 3:49:27 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-G1
Injection Volume 10
Acq. Date-Time 6/12/2024 12:26:54 PM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.429	201327	412313	99.61 ng/ml
THC-COOH	4.556	23292174	6931044	247.49 ng/ml
THC-OH	4.282	3305783	17240769	99.96 ng/ml