

Worklist: 6886

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-2630	2	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
M2024-2851	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-2961	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-2991	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3019	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1602	2	BLOOD	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1935	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2075	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2146	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2150	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2165	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2177	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2196	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2197	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2204	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2210	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
P2024-2212	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2213	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2244	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2246	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2256	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

TS

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2024-2257	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

TS

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

Extraction Date: 07/30/2024

Plate lot#: 240524

Mobile phase A: 10mM Amm Form in LCMS Water

Blank Blood Lot: Lampire 24052816

LCMS-QQQ ID: 069901

Analyst: Tamara Salazar

Plate Retest Date: 11/24/2024

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: 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:

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	M2024-3019-2	P2024-2196-1	P2024-2257-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
B	IS + Cal. 1	P2024-1602-2	P2024-2197-1	Neg Urine	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
C	IS + Control 1	P2024-1935-1	P2024-2204-1	M2024-2630-2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
D	IS + Control 1	P2024-2075-1	P2024-2212-1	P2024-2210-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
E	Neg Blood	P2024-2146-1	P2024-2213-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Control 1
F	M2024-2851-3	P2024-2150-3	P2024-2244-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Control 1
G	M2024-2961-1	P2024-2165-1	P2024-2246-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 1
H	M2024-2991-2	P2024-2177-1	P2024-2256-1	IS + Sample	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

AM #25 Multi-Drug Screen. Results

TS



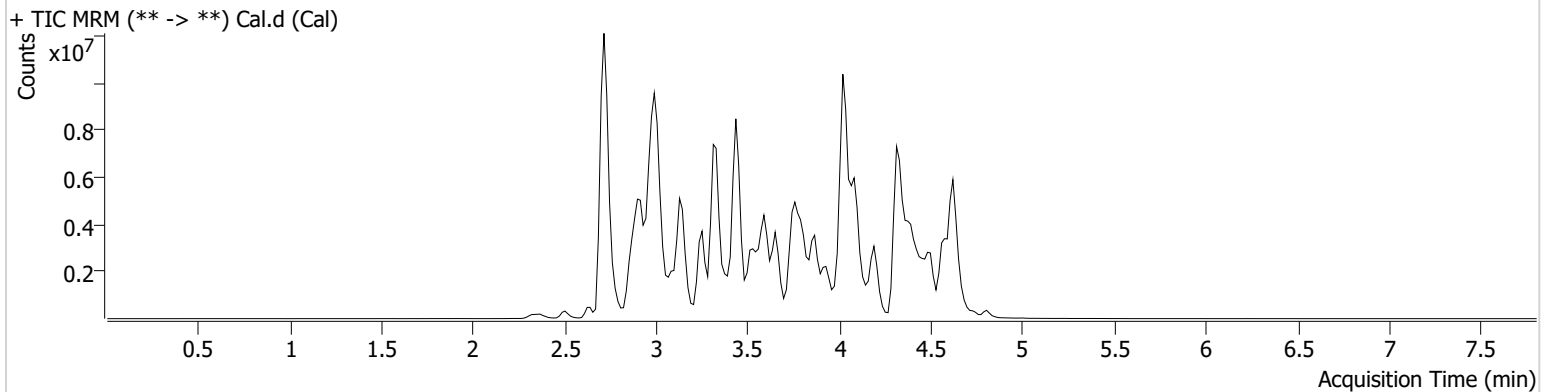
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Calibration Last Update 8/8/2024 9:15:58 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 25 MDS.m
Sample Position P6-A1
Injection Volume 5
Acq. Date-Time 7/30/2024 6:19:45 PM
Sample Info.

Data File Cal.d
Sample Cal
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	S/N	ISTD Resp.	Calc. Conc.
10-OH-Carbamazepine	3.749	1016761	54.96	189.05	5469935	10.0000
6-MAM	2.942	19228	12542.95	5841.45	681607	10.0000
7-aminoclonazepam	3.561	227313	145607.58	135762.86	1198284	10.0000
7-aminoflunitrazepam	3.761	704103	145.92	83362.48	1198284	10.0000
9-Hydroxyrisperidone	3.862	1708535	548.52	44111.24	7569977	10.0000
Acetyl Fentanyl	3.881	138683	62011.82	46470.07	17757641	10.0000
Acetyl Norfentanyl	2.905	210553	228632.58	79251.67	17757641	10.0000
a-hydroxyalprazolam	4.467	63169	18561.04	34315.03	1198284	10.0000
alpha-hydroxymidazolam	4.558	363366	5173.33	239179.91	1198284	10.0000
Alpha-PHP	3.842	1916879	729381.22	340595.25	17757641	10.0000
alpha-PVP	3.566	1715884	278.00	352.47	6987769	10.0000
Alprazolam	4.578	505412	137.95	39533.70	3802959	10.0000
Amitriptyline	4.427	869866	115.77	96.80	3119473	10.0000
Amphetamine	2.909	2130106	1447.06	272.47	6987769	10.0000
Benzoyllecgonine	3.360	24843	8345.36	69.99	123929	10.0000
Bromazolam	4.650	372204	247079.69	691987.43	3802959	10.0000
Brompheniramine	4.036	47028	22302.18	149.63	23317984	10.0000
Buprenorphine	4.632	21864	355.52	1764.94	1178338	10.0000
Bupropion	3.781	1671396	2194058.44	440.58	7073986	10.0000
Carbamazepine	4.199	3810969	∞	438.71	53446	10.0000
Carisoprodol	4.182	349709	50881.61	2736.38	2018337	10.0000
Chlordiazepoxide	4.687	240136	133643.49	63639.61	3802959	10.0000
Chlorpheniramine	3.948	2331368	164.91	1086.79	4263725	10.0000
Chlorpromazine	4.622	650692	26697.07	393177.91	2944073	10.0000
Citalopram	4.051	1596371	286.52	70783.93	23317984	10.0000
Clomipramine	4.638	1024128	439201.12	459271.21	23317984	10.0000
Clonazepam	4.392	309602	88092.93	67010.22	53446	10.0000

Cal

Generated at 11:56 AM on 8/8/2024

AM #25 Multi-Drug Screen. Results

TS



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Clonazepam	4.327	246672	133120.20	51146.06	3802959	10.0000
Clozapine	4.313	904527	516127.00	141.56	3573225	10.0000
Cocaethylene	3.789	1314426	844912.22	494156.2	6383329	10.0000
Cocaine	3.590	1312496	820187.00	166847.2	6383329	10.0000
Codeine	2.855	100863	69674.35	54523.86	3041670	10.0000
Cyclobenzaprine	4.351	1038814	307.18	51.24	3119473	10.0000
Desipramine	4.367	2536317	372.75	489.96	3119473	10.0000
Dextromethorphan	4.088	834529	497619.84	3740.48	4263725	10.0000
Dextrorphan	3.378	1341487	351.83	1137122.64	4263725	10.0000
Diazepam	4.811	374660	21038.58	544.41	3802959	10.0000
Dihydrocodeine	2.762	432046	289734.03	444.16	3041670	10.0000
Diphenhydramine	4.026	3692282	2333525.28	1469.16	23317984	10.0000
DMT	2.983	266800	213.88	96062.09	4263725	10.0000
Doxepin	4.149	1144412	230.02	145.91	7091130	10.0000
Doxylamine	3.654	3962986	1443620.14	3916643.32	4263725	10.0000
Duloxetine	4.333	8144	5075.38	165156.0	559582	10.0000
EDDP	4.087	28937	10009.34	2678.77	203056	10.0000
Estazolam	4.502	1381012	454157.03	806.72	3802959	10.0000
Etizolam	4.604	42740	37250.35	58552.14	3802959	10.0000
Fentanyl	4.112	100608	5051.61	41997.64	7362470	10.0000
Flualprazolam	4.452	301060	171420.20	174484.6	3802959	10.0000
Flunitrazepam	4.515	501511	395039.33	218724.3	3802959	10.0000
Fluorofentanyl	4.141	90694	25180.27	80086.88	7362470	10.0000
Fluoxetine	4.316	1328006	1537.18	10.79	899922	10.0000
Flurazepam	4.202	658715	361583.21	40121.95	3802959	10.0000
Hydrocodone	3.038	644756	381.45	165599.0	3041670	10.0000
Hydromorphone	2.506	475231	262511.54	206.42	3041670	10.0000
Hydroxyzine	4.495	995146	479053.40	541977.5	3573225	10.0000
Imipramine	4.396	2533967	690.62	535.64	3119473	10.0000
Ketamine	3.550	1535503	1520842.29	27.91	2750502	10.0000
Lamotrigine	3.594	719346	612714.43	633545.1	23317984	10.0000
Levamisole	2.998	1246892	1011.31	542.70	6383329	10.0000
Levetiracetam	2.648	971393	653.73	2229.72	23317984	10.0000
Lorazepam	4.391	63747	12180.80	159.03	3802959	10.0000
Maprotiline	4.428	652712	41.46	181199.7	3119473	10.0000
MDA	3.014	1575135	511.23	325.97	17401330	10.0000
MDEA	3.243	1849642	853.02	588.79	17401330	10.0000
MDMA	3.090	2503141	3768541.68	2597.42	17401330	10.0000
Meperidine	3.610	682604	422.57	311244.0	4263725	10.0000
Meprobamate	3.644	319358	207.85	17758.07	2018337	10.0000
Methadone	4.393	1125073	626898.55	444957.4	203056	10.0000
Methamphetamine	3.000	8209957	1120.91	1806.52	17401330	10.0000
Methocarbamol	3.549	36961	36.15	∞	203056	10.0000
Methylphenidate	3.519	5467021	603.39	249.09	13774877	10.0000
Metoprolol	3.439	401535	623.21	120871.4	4263725	10.0000
Midazolam	4.729	227095	53578.19	225742.9	3802959	10.0000
Mirtazapine	3.995	1618910	521124.00	2316.14	4263725	10.0000

AM #25 Multi-Drug Screen. Results

TS



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Mitragynine	4.201	80946	31217.45	144535.5 5	4263725	10.0000
Morphine	2.338	132021	∞	414.51	177241	10.0000
Norbuprenorphine	3.831	43166	11539.53	25254.41	1178338	10.0000
Nordiazepam	4.659	664159	494762.18	8853.77	3802959	10.0000
Norfentanyl	3.334	3920902	3350603.42	740.89	17757641	10.0000
Norhydrocodone	2.947	33876	79861.00	62.94	3041670	10.0000
Norketamine	3.658	254088	176881.63	964180.5 3	2750502	10.0000
Normeperidine	3.612	668109	234755.65	916.37	23317984	10.0000
Noroxycodone	2.884	393986	80.91	105.29	2750502	10.0000
Nortriptyline	4.413	413580	289616.37	472.09	3119473	10.0000
O-desmethyl-tramadol	2.918	4547641	473.21	2267.71	23317984	10.0000
O-desmethylvenlafaxine	3.254	340087	753970.40	5523755. 96	1743242	10.0000
Olanzapine	3.852	257660	85692.61	106559.5 7	53446	10.0000
Oxazepam	4.472	537350	254019.09	82.03	3228840	10.0000
Oxycodone	2.944	561746	1383.87	90003.85	2750502	10.0000
Oxymorphone	2.366	312511	195.82	1020.77	3041670	10.0000
Paroxetine	4.328	137260	70386.79	36385.10	899922	10.0000
Phenazepam	4.604	552232	496699.83	443565.7 5	3802959	10.0000
Phencyclidine	3.920	2529468	13907.34	473.87	4263725	10.0000
Phentermine	3.154	1190929	102.51	12.75	13774877	10.0000
Phenytoin	4.090	115963	6954.28	47997.03	53446	10.0000
Primidone	3.444	4644959	3019049.16	1482.27	53446	10.0000
Promethazine	4.334	2647007	857.11	362686.8 3	23317984	10.0000
Pseudoephedrine	2.724	32609637	1360.14	102148.4 0	17401330	10.0000
Quetiapine	4.495	1135754	236.03	183.39	8885764	10.0000
Risperidone	4.078	1456387	406546.68	116540.9 8	7569977	10.0000
Sertraline	4.548	162944	174388.53	168189.7 4	899922	10.0000
Sufentanil	4.448	44005	30146.78	78466.65	17757641	10.0000
Tapentadol	3.444	3238876	343.97	798001.3 4	2750502	10.0000
Temazepam	4.625	843528	168300.42	32.50	3802959	10.0000
Topiramate	3.803	121431	72873.19	27441.12	67306	10.0000
Tramadol	3.440	9143845	2023.20	30.18	23317984	10.0000
Trazodone	4.618	1732773	749100.02	810375.1 4	7091130	10.0000
Venlafaxine	3.808	3690435	2254435.36	65.72	1743242	10.0000
Xylazine	3.397	1399496	850223.73	9.33	2750502	10.0000
Zaleplon	4.301	432235	179300.23	294812.8 9	8885764	10.0000
Zolpidem	4.332	2075944	2082774.03	265091.9 9	8885764	10.0000
Zopiclone	4.202	131080	123138.73	32639.05	685987	10.0000

TS

AM #25 Multi-Drug Screen. Results



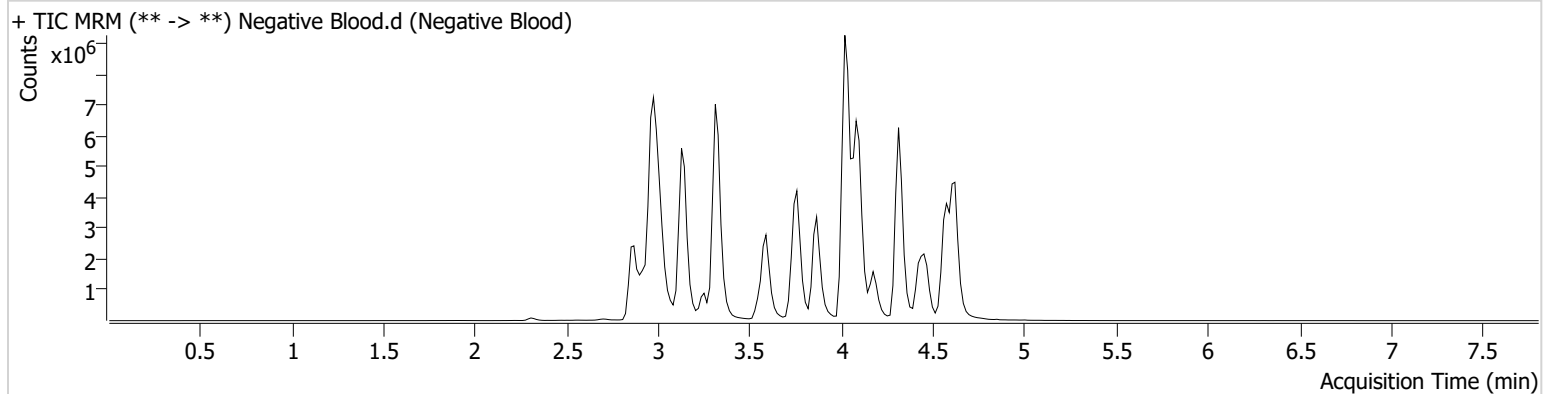
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Calibration Last Update 8/8/2024 9:15:58 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 25 MDS.m
Sample Position P6-E1
Injection Volume 5
Acq. Date-Time 7/30/2024 6:28:22 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



AM #25 Multi-Drug Screen. Results

TS



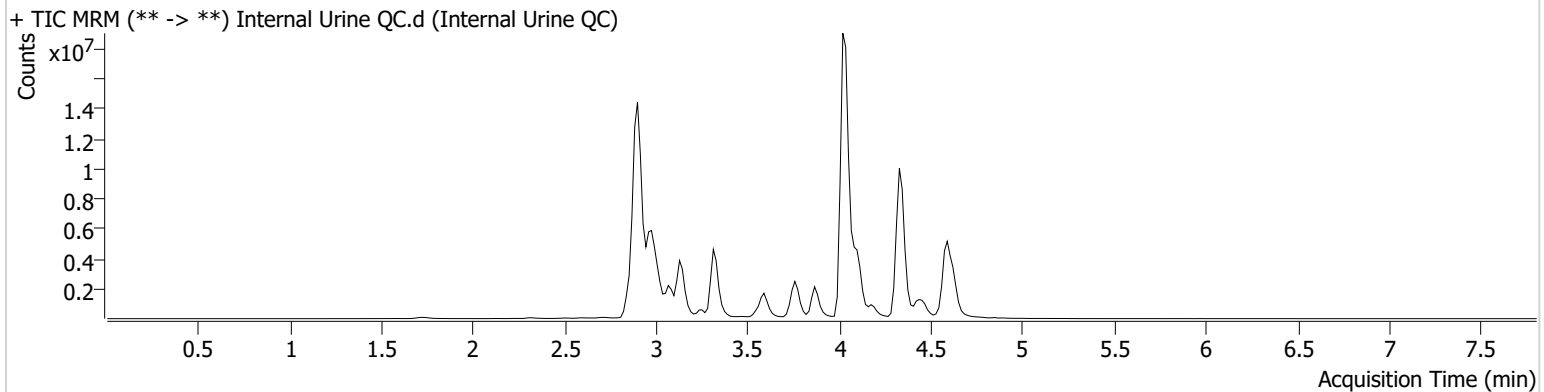
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Calibration Last Update 8/8/2024 9:15:58 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 25 MDS.m
Sample Position P6-C1
Injection Volume 5
Acq. Date-Time 7/30/2024 9:34:02 PM
Sample Info.

Data File Internal Urine QC.d
Sample Internal 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	S/N	ISTD Resp.	Calc. Conc.
Alprazolam	4.593	3671823	532.71	481.17	2938929	94.0089
Amphetamine	2.909	13948325	839.19	456.63	3854966	118.6967
Codeine	2.855	810880	407200.51	755397.38	2420159	101.0397
Diphenhydramine	4.042	28926207	8027.01	11784513.82	19622255	93.0976
Zolpidem	4.332	17674576	6796338.86	1507888.24	6961799	108.6692

TS

AM #25 Multi-Drug Screen. Results



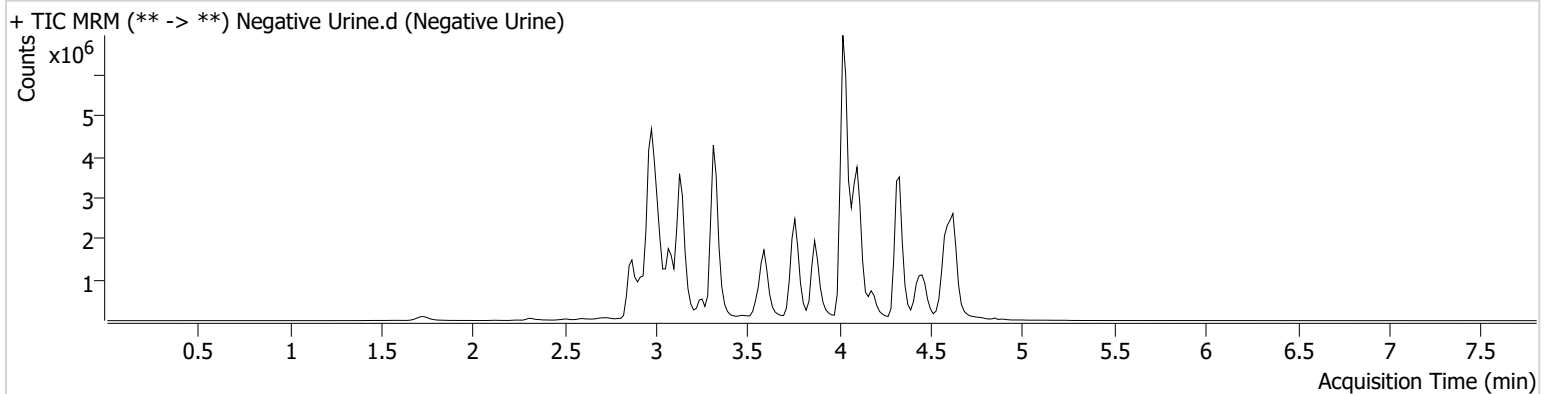
Batch results D:\MassHunter\Data\2024\AM 25 26\073024 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 8/8/2024 9:15:58 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 25 MDS.m
Sample Position P6-B4
Injection Volume 5
Acq. Date-Time 7/30/2024 9:25:36 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

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

Extraction Date: 07/30/2024

Plate lot#: 240513

Mobile phase A: 0.1% Formic Acid in LCMS Water

Blank Blood Lot: Lampire 24052816

Column: UCT Selectra DA 100 x 2.1mm 3um

Analyst: Tamara Salazar

Plate Retest Date: 11/13/2024

Mobile phase B: 0.1% Formic acid in Acetonitrile

Blank Urine Lot: POC021022

LCMS-QQQ ID: 069901

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. Using a calibrated pipette, pipette 1000µL blood or 1000µL urine in wells of analytical (standards) plate. **Pipette ID: 42**
- ☒ 3. **Urine hydrolysis add 100 ul BG turbo, and 200 ul BG turbo buffer to the urine samples in wells of the analytical plate.**
- ☒ 4. Add **500µL of 0.1% formic acid in water** in the wells of the analytical plate.
- ☒ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- ☒ 6. Transfer **700-800µL of blood+acid or urine+acid** mixture to corresponding wells of SLE+ plate.
Amount transferred: **750 µL**
- ☒ 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.
- ☒ 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. Did all QCs pass for each analyte? (if not, describe in comments section)
- ☒ 5. Enter QCs into control charting.
- ☒ 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: The wrong well positions were specified for the calibrators and internal blood control. The well positions were corrected and the samples were injected without issue.

TS

	1	2	3	4	5	6
A	IS + Cal. 1	IS + QC_1	M2024-2851-3	P2024-2150-3	P2024-2244-1	IS + QC_1
B	IS + Cal. 2		M2024-2961-1	P2024-2165-1	P2024-2246-1	IS + Cal. 7
C	IS + Cal. 3		M2024-2991-2	P2024-2177-1	P2024-2256-1	IS + Cal. 6
D	IS + Cal. 4		M2024-3019-2	P2024-2196-1	P2024-2257-1	IS + Cal. 5
E	IS + Cal. 5		P2024-1602-2	P2024-2197-1	Neg Urine	IS + Cal. 4
F	IS + Cal. 6		P2024-1935-1	P2024-2204-1	M2024-2630-2	IS + Cal. 3
G	IS + Cal. 7		P2024-2075-1	P2024-2212-1	P2024-2210-1	IS + Cal. 2
H	IS + QC_1	Neg Blood	P2024-2146-1	P2024-2213-1	IS + QC_1	IS + Cal. 1

All wells to contain 100 µl of residual DMSO

AM #26 Cannabinoids Screen Results

TS



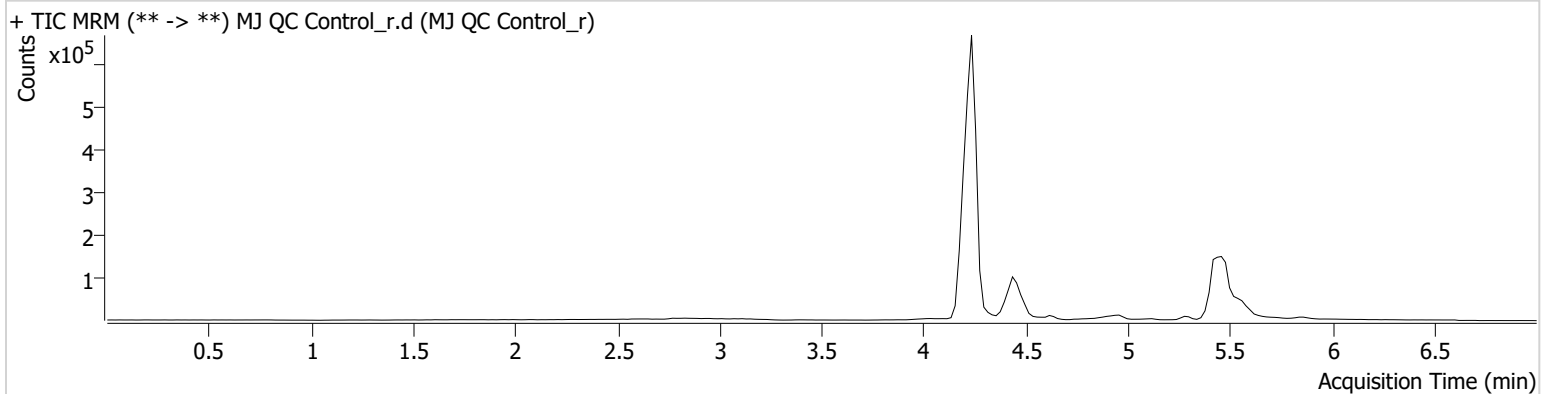
Batch results D:\MassHunter\Data\2024\AM 25 26\073024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 8/8/2024 11:58:25 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P5-A6
Injection Volume 10
Acq. Date-Time 7/31/2024 10:19:28 AM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.409	535	26465	4.63 ng/ml
THC-COOH	4.476	55082	325623	13.29 ng/ml
THC-OH	4.242	29349	2580889	4.60 ng/ml

AM #26 Cannabinoids Screen Results

TS



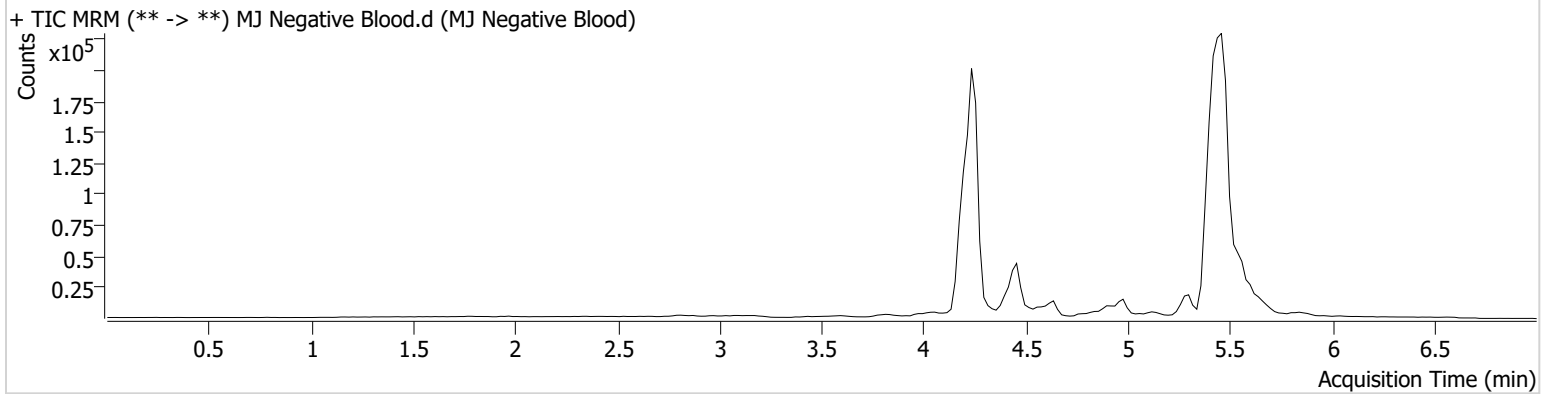
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Calibration Last Update 8/8/2024 11:58:25 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P5-H2
Injection Volume 10
Acq. Date-Time 7/30/2024 2:27:53 PM
Sample Info.

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

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Sample Chromatogram



AM #26 Cannabinoids Screen Results

TS



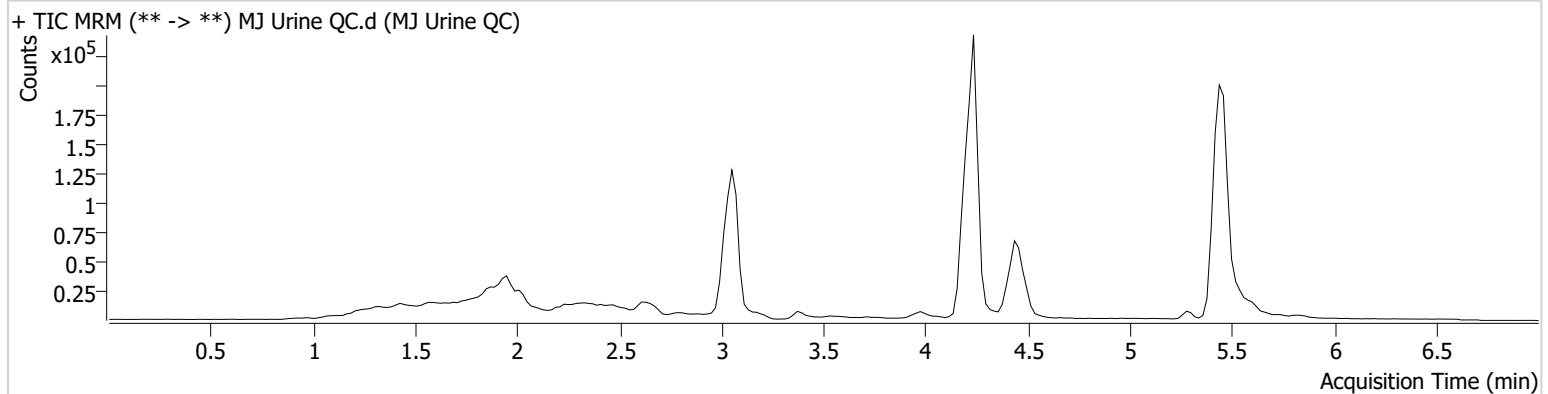
Batch results D:\MassHunter\Data\2024\AM 25 26\073024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 8/8/2024 11:58:25 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P5-H5
Injection Volume 10
Acq. Date-Time 7/30/2024 5:45:08 PM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.389	833	23322	8.03 ng/ml
THC-COOH	4.476	38389	216143	13.96 ng/ml
THC-OH	4.242	11683	971791	4.85 ng/ml

AM #26 Cannabinoids Screen Results

TS



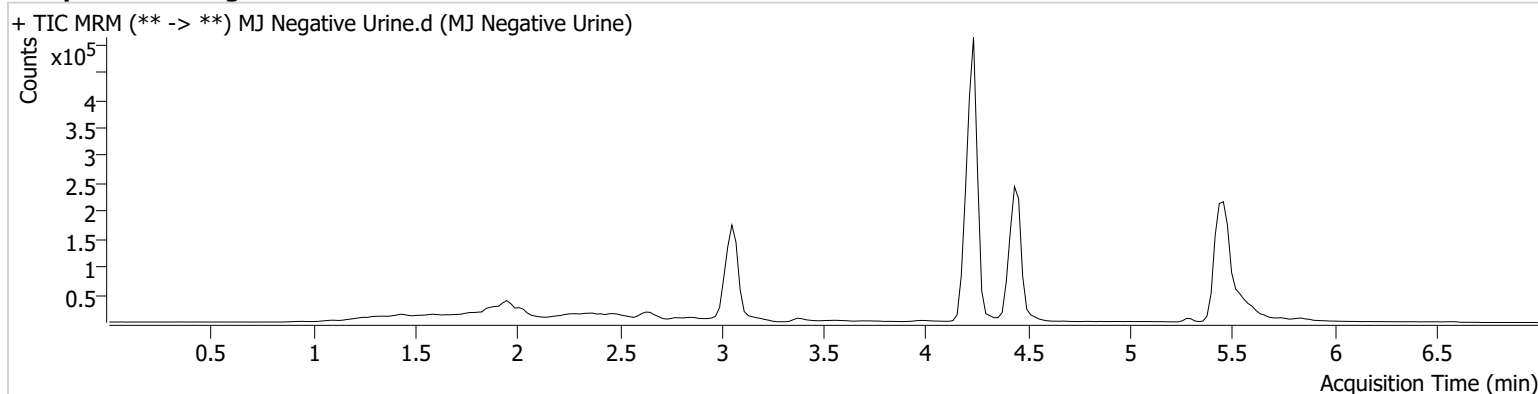
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Calibration Last Update 8/8/2024 11:58:25 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P5-E5
Injection Volume 10
Acq. Date-Time 7/30/2024 5:14:46 PM
Sample Info.

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

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Sample Chromatogram



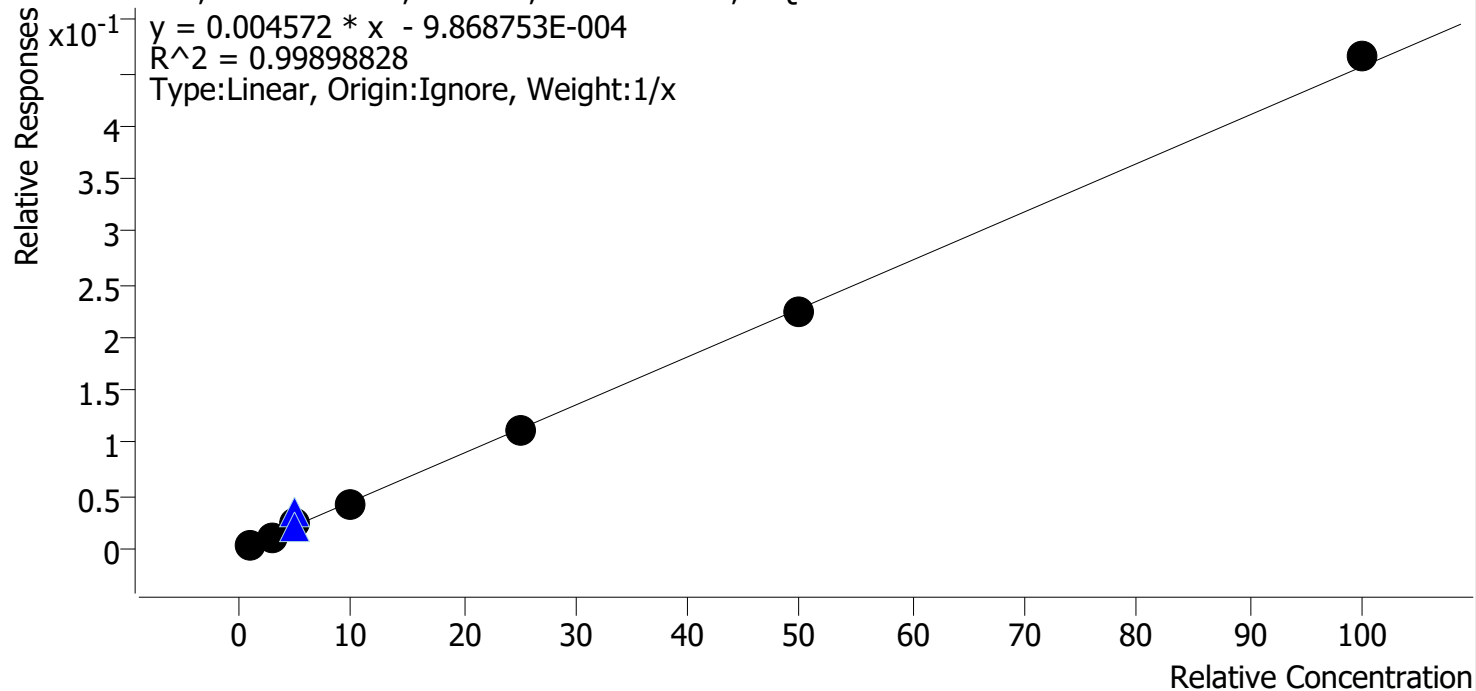
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AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\073024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 8/8/2024 11:58 AM
Analyst Name ISP\Datastor
Analyte THC **Internal Standard** THC-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1_r	1	✓	1.0	1.1	109.1
MJ Cal 2_r	2	✓	3.0	2.8	92.2
MJ Cal 3_r	3	✓	5.0	5.4	107.1
MJ Cal 4_r	4	✓	10.0	9.4	94.2
MJ Cal 5_r	5	✓	25.0	24.4	97.5
MJ Cal 6_r	6	✓	50.0	48.9	97.9
MJ Cal 7_r	7	✓	100.0	102.1	102.1

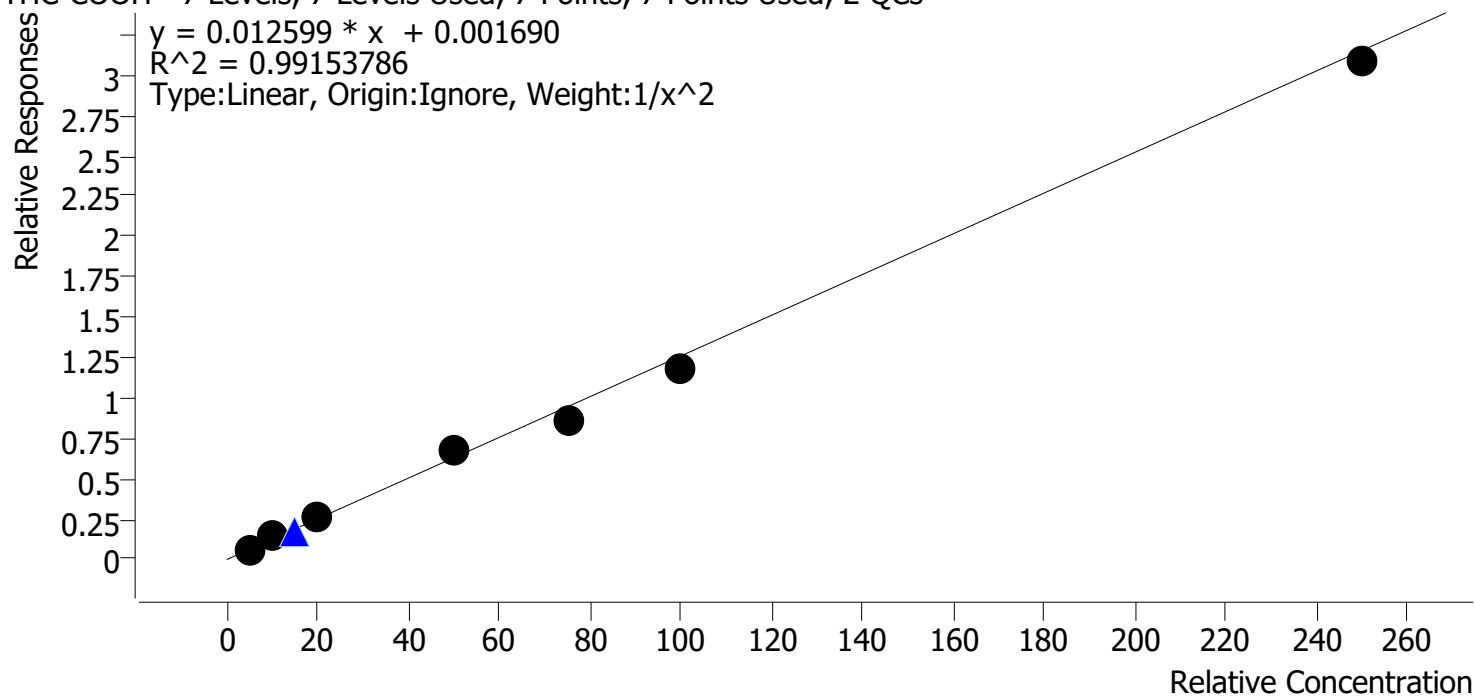
TS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\073024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 8/8/2024 11:58 AM
Analyst Name ISP\Datastor
Analyte THC-COOH **Internal Standard** THC-COOH-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1 r	1	✓	5.0	4.7	94.3
MJ Cal 2 r	2	✓	10.0	10.9	108.6
MJ Cal 3 r	3	✓	20.0	21.2	105.8
MJ Cal 4 r	4	✓	50.0	54.4	108.8
MJ Cal 5 r	5	✓	75.0	68.2	91.0
MJ Cal 6 r	6	✓	100.0	93.7	93.7
MJ Cal 7 r	7	✓	250.0	244.5	97.8

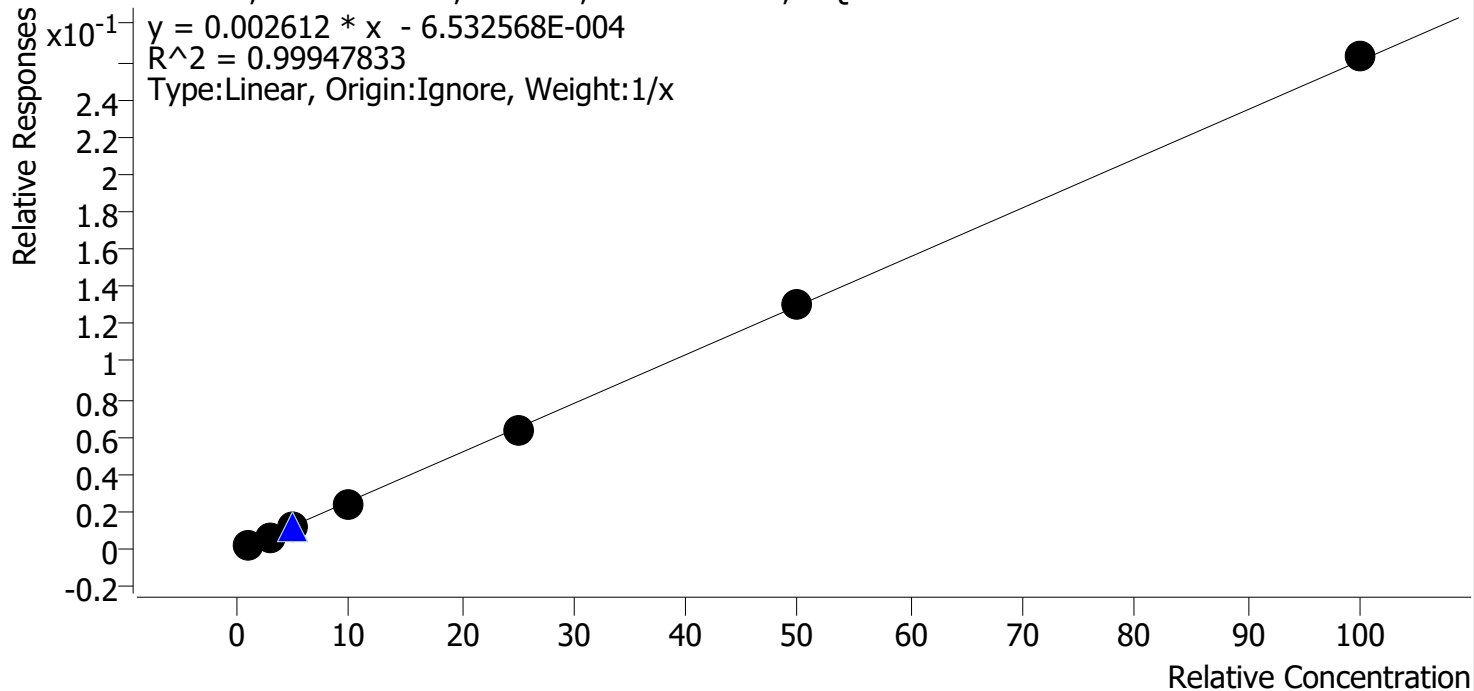
TS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\073024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 8/8/2024 11:58 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 r	1	✓	1.0	1.2	115.2
MJ Cal 2 r	2	✓	3.0	2.9	95.6
MJ Cal 3 r	3	✓	5.0	4.7	93.5
MJ Cal 4 r	4	✓	10.0	9.6	96.3
MJ Cal 5 r	5	✓	25.0	24.4	97.8
MJ Cal 6 r	6	✓	50.0	50.4	100.8
MJ Cal 7 r	7	✓	100.0	100.8	100.8

AM #26 Cannabinoids Screen Results

TS



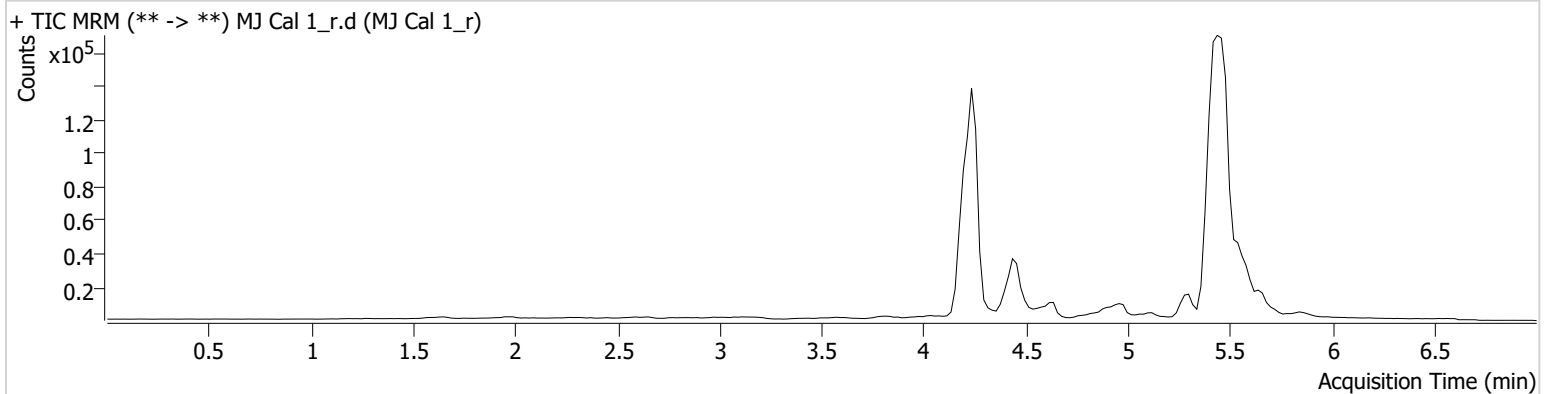
Batch results D:\MassHunter\Data\2024\AM 25 26\073024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 8/8/2024 11:58:25 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P5-H6
Injection Volume 10
Acq. Date-Time 7/31/2024 9:26:09 AM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.389	361	90245	1.09 ng/ml Low
THC-COOH	4.476	8300	135850	4.72 ng/ml Low
THC-OH	4.262	1573	667471	1.15 ng/ml Low

AM #26 Cannabinoids Screen Results

TS



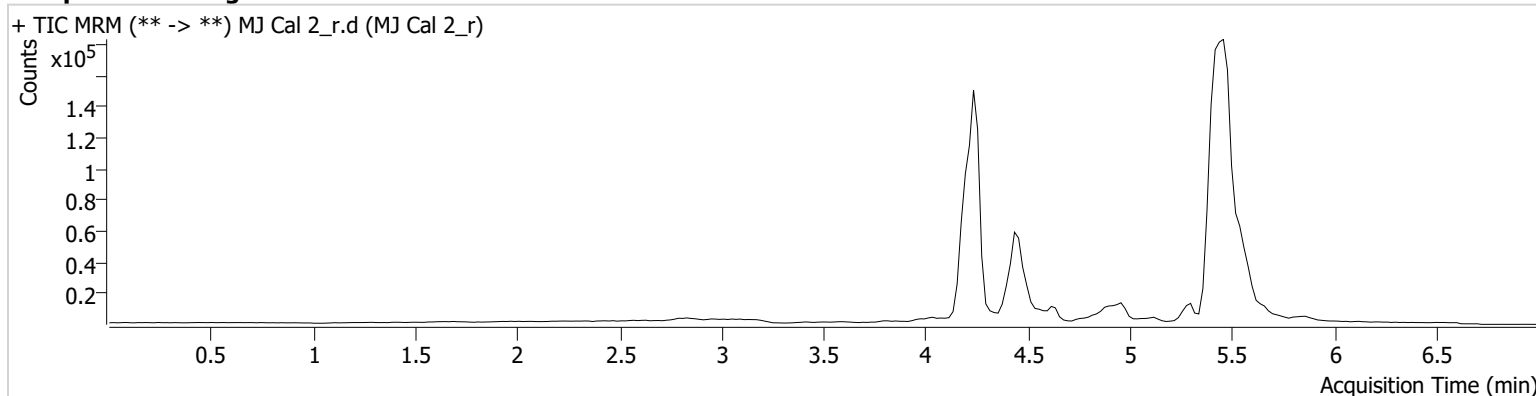
Batch results D:\MassHunter\Data\2024\AM 25 26\073024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 8/8/2024 11:58:25 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P5-G6
Injection Volume 10
Acq. Date-Time 7/31/2024 9:33:54 AM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.389	905	77666	2.77 ng/ml Low
THC-COOH	4.476	28285	204125	10.86 ng/ml
THC-OH	4.262	5021	734702	2.87 ng/ml Low

AM #26 Cannabinoids Screen Results

TS



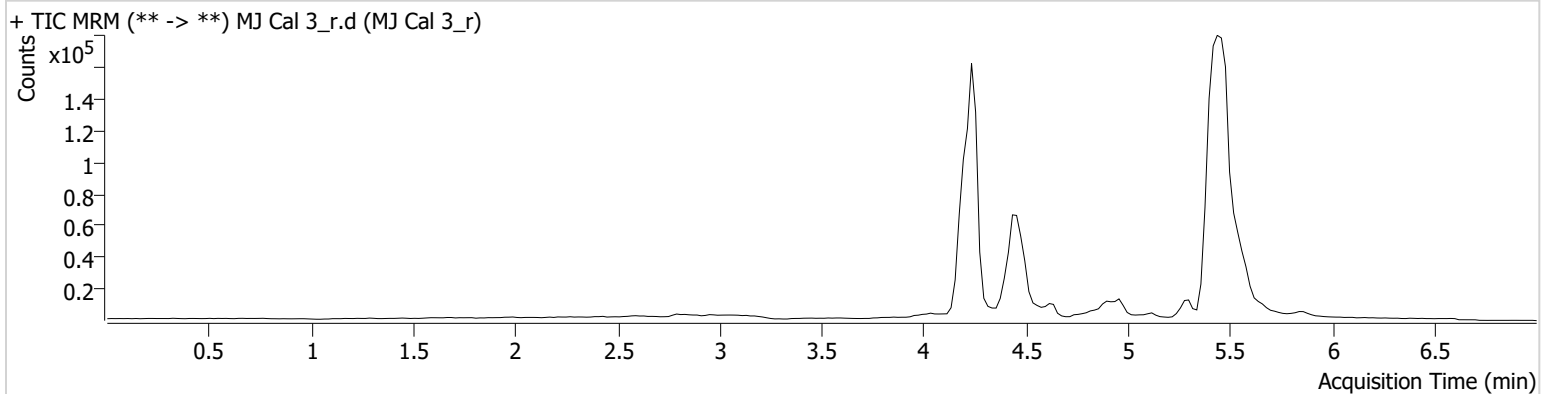
Batch results D:\MassHunter\Data\2024\AM 25 26\073024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 8/8/2024 11:58:25 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P5-F6
Injection Volume 10
Acq. Date-Time 7/31/2024 9:41:28 AM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.389	1824	77604	5.36 ng/ml
THC-COOH	4.476	54127	201717	21.16 ng/ml
THC-OH	4.262	8615	745434	4.67 ng/ml

AM #26 Cannabinoids Screen Results

TS



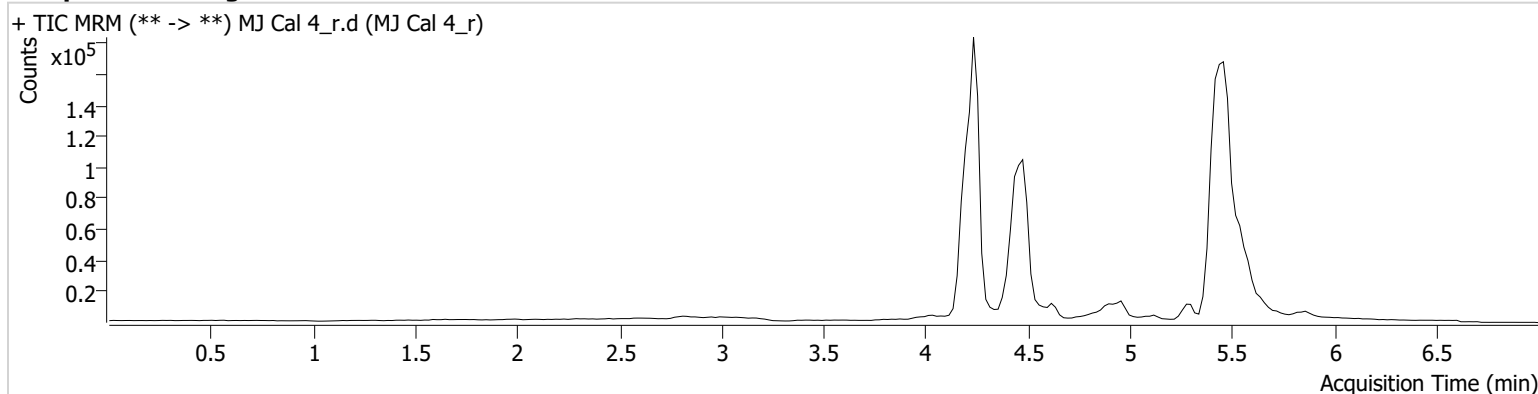
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Calibration Last Update 8/8/2024 11:58:25 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P5-E6
Injection Volume 10
Acq. Date-Time 7/31/2024 9:49:03 AM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.389	1708	40574	9.42 ng/ml
THC-COOH	4.476	138051	200981	54.39 ng/ml
THC-OH	4.262	18982	774788	9.63 ng/ml

AM #26 Cannabinoids Screen Results

TS



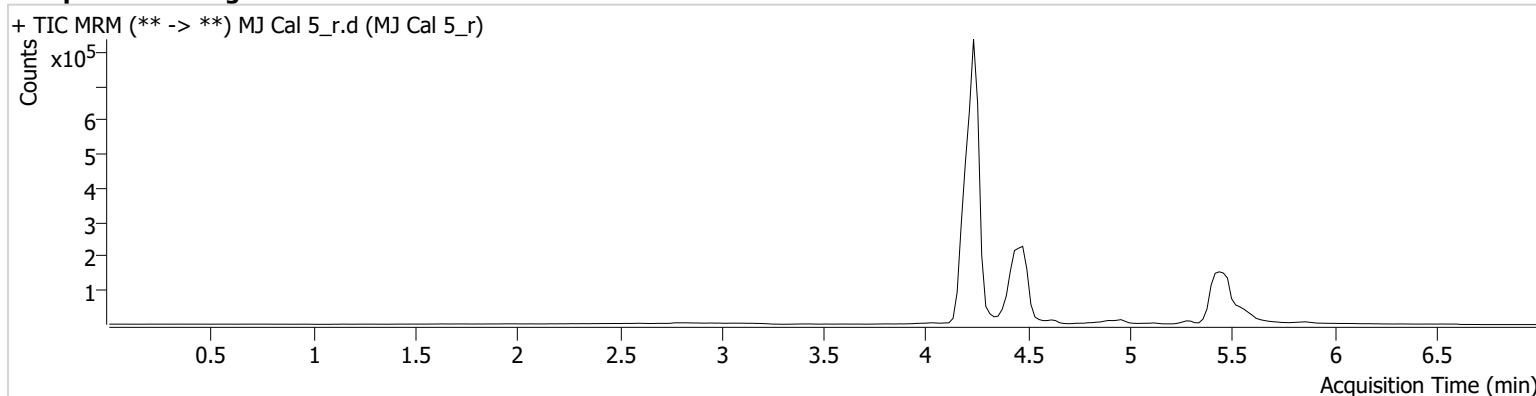
Batch results D:\MassHunter\Data\2024\AM 25 26\073024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 8/8/2024 11:58:25 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P5-D6
Injection Volume 10
Acq. Date-Time 7/31/2024 9:56:38 AM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.389	3008	27250	24.36 ng/ml
THC-COOH	4.476	359473	417263	68.25 ng/ml
THC-OH	4.242	173026	2737556	24.45 ng/ml

AM #26 Cannabinoids Screen Results

TS



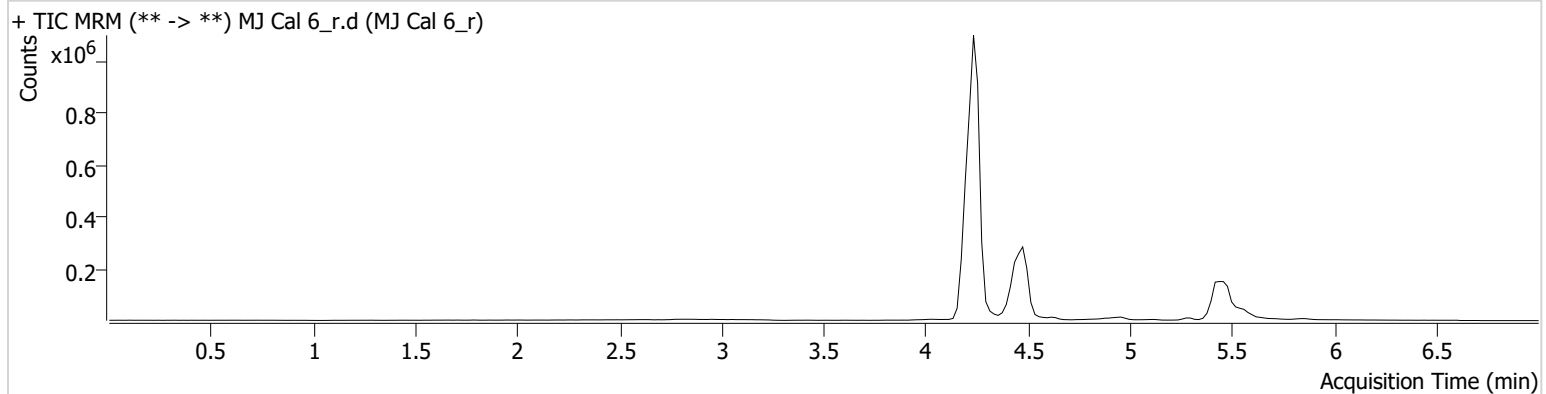
Batch results D:\MassHunter\Data\2024\AM 25 26\073024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 8/8/2024 11:58:25 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P5-C6
Injection Volume 10
Acq. Date-Time 7/31/2024 10:04:14 AM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.389	6780	30447	48.93 ng/ml
THC-COOH	4.476	414614	350889	93.66 ng/ml
THC-OH	4.242	341731	2609776	50.38 ng/ml

AM #26 Cannabinoids Screen Results

TS



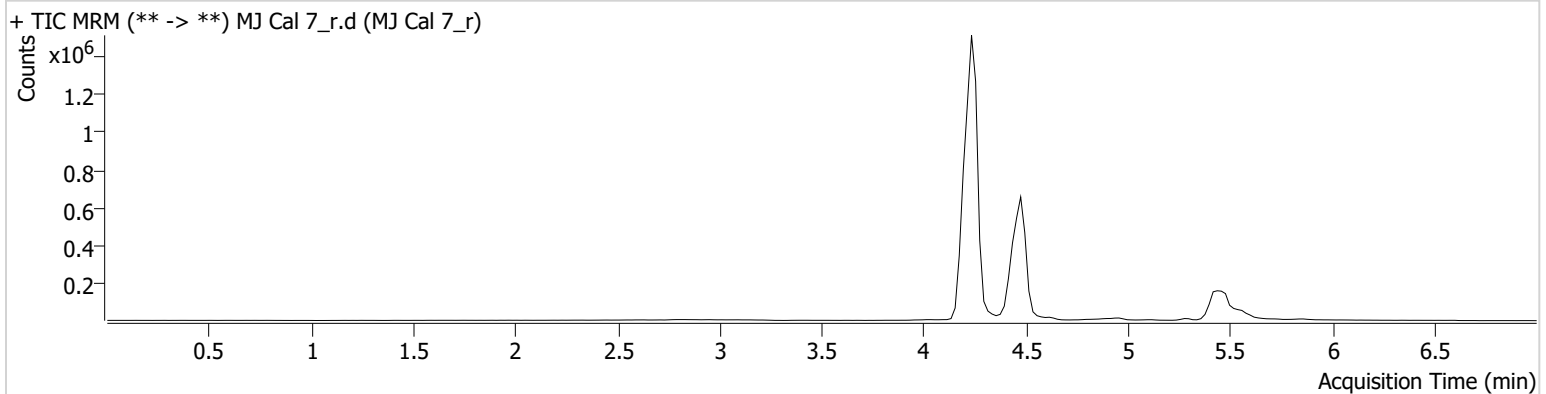
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Calibration Last Update 8/8/2024 11:58:25 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P5-B6
Injection Volume 10
Acq. Date-Time 7/31/2024 10:11:51 AM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.389	12946	27802	102.07 ng/ml
THC-COOH	4.476	1016800	329895	244.51 ng/ml
THC-OH	4.242	666430	2536377	100.85 ng/ml