

Worklist: 6913

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-2766	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3127	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3153	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3216	4	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3231	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3239	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3275	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2269	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2335	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2335	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2439	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2463	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2471	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2473	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2474	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2482	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2501	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2511	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2513	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2515	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2516	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

Worklist: 6913

TS

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2024-2517	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2518	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2527	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2528	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2543	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2546	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2551	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2566	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

TS

	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	P2024-2546-1	P2024-2513-1	P2024-2439-1	M2024-3153-1
B	IS + Cal. 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-2543-1	P2024-2511-1	P2024-2335-2	M2024-3127-1
C	IS + Control 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-2528-1	P2024-2501-1	P2024-2335-1	M2024-2766-1
D	IS + Control 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-2527-1	P2024-2482-1	P2024-2269-1	Neg Blood
E	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-2518-1	P2024-2474-1	M2024-3275-3	IS + Control 1
F	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-2517-1	P2024-2473-1	M2024-3239-1	IS + Control 1
G	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-2566-1	P2024-2516-1	P2024-2471-1	M2024-3231-1	IS + Cal. 1
H	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-2551-1	P2024-2515-1	P2024-2463-1	M2024-3216-4	IS + Cal. 1

All wells to contain 60 µl of residual DMSO

TS

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

Extraction Date: 08/28/2024

Plate lot#: 240524

Mobile phase A: 10mM Amm Form in LCMS Water

Blank Blood Lot: Lampire 24C52816

LCMS-QQQ ID: 069901

Analyst: Tamara Salazar

Plate Retest Date: 11/24/2024

Mobile phase B: 0.1% Formic Acid in MeOH

Blank Urine Lot:

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:

AM #25 Multi-Drug Screen. Results

TS



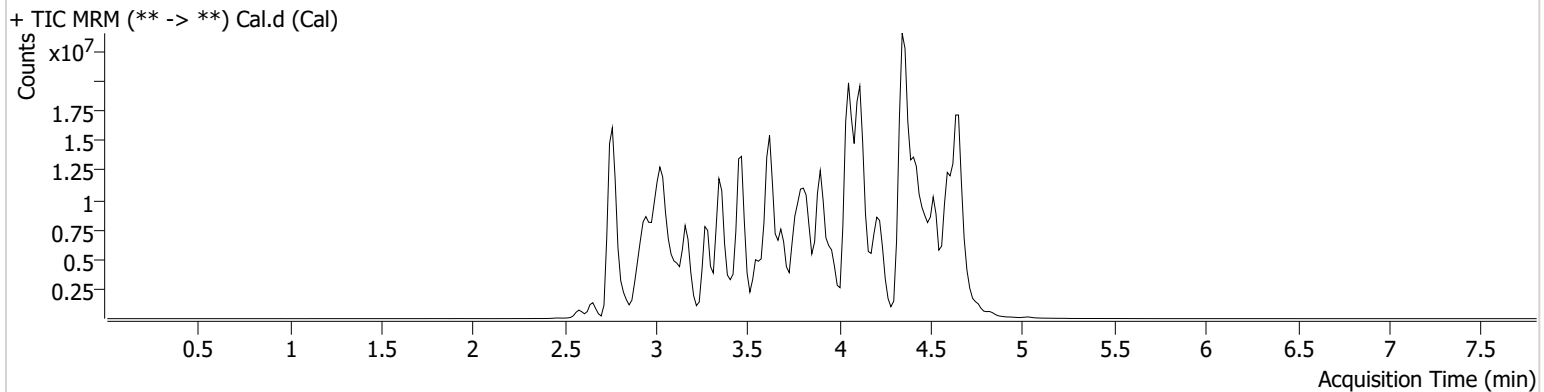
Batch results D:\MassHunter\Data\2024\AM 25 26\082824 AM 25 26 TS\QuantResults\Am 25.batch.bin
Calibration Last Update 9/9/2024 2:07:23 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 25 MDS.m
Sample Position P2-H12
Injection Volume 5
Acq. Date-Time 8/28/2024 5:06:42 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	3.764	2771916	275.97	491.72	15204871	10.0000
6-MAM	2.988	53684	28317.65	15238.50	1629243	10.0000
7-aminoclonazepam	3.592	777252	219.96	403.35	3109120	10.0000
7-aminoflunitrazepam	3.792	1338251	1233.92	3387.64	3109120	10.0000
9-Hydroxyrisperidone	3.908	7267923	1104.18	168753.5	30475156	10.0000
Acetyl Fentanyl	3.912	464742	1642.21	80057.67	28135455	10.0000
Acetyl Norfentanyl	2.935	349556	8298.92	722.06	28135455	10.0000
a-hydroxyalprazolam	4.498	270064	367.92	240.95	3109120	10.0000
alpha-hydroxymidazolam	4.574	1971410	2623.37	364.87	3109120	10.0000
Alpha-PHP	3.873	3266141	13014.06	8506.53	28135455	10.0000
alpha-PVP	3.597	3882069	777.19	443.61	10121818	10.0000
Alprazolam	4.609	1626498	451.11	237.97	10726111	10.0000
Amitriptyline	4.458	1115430	173.61	291.21	9135657	10.0000
Amphetamine	2.940	3695803	2396.62	2965.88	10121818	10.0000
Benzoyllecgonine	3.391	94741	118.25	1221.84	463352	10.0000
Bromazolam	4.681	1443261	37632.38	81942.73	10726111	10.0000
Brompheniramine	4.067	132462	526.33	354.84	42126373	10.0000
Buprenorphine	4.647	76323	620.99	4266.95	3124905	10.0000
Bupropion	3.812	4308532	1928.30	867.33	17693616	10.0000
Carbamazepine	4.230	8421711	∞	748.16	218482	10.0000
Carisoprodol	4.213	1451466	26747.30	277.76	8359129	10.0000
Chlordiazepoxide	4.718	1074513	1606.95	82.69	10726111	10.0000
Chlorpheniramine	3.979	7073316	10319.03	17.72	11774169	10.0000
Chlorpromazine	4.653	2609274	943.54	3617.76	13014494	10.0000
Citalopram	4.082	3268156	548.61	961599.8	42126373	10.0000
Clomipramine	4.654	4020111	13347.89	2857.38	42126373	10.0000
Clonazepam	4.423	1058701	354.97	570.55	218482	10.0000
Clonazolam	4.358	973670	477014.83	20533.20	10726111	10.0000
Clozapine	4.344	3735138	∞	1205.64	14523558	10.0000
Cocaethylene	3.820	4323297	9157.09	2480.40	24500109	10.0000

AM #25 Multi-Drug Screen. Results

TS



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Cocaine	3.621	4850805	6071333.10	541.72	24500109	10.0000
Codeine	2.916	326929	1984.77	467.28	8335755	10.0000
Cyclobenzaprine	4.381	3812000	592.25	170.78	9135657	10.0000
Desipramine	4.398	6927537	550.34	900.53	9135657	10.0000
Dextromethorphan	4.104	2283775	635.66	229.32	11774169	10.0000
Dextrorphan	3.410	3001703	1517.67	2681919.64	11774169	10.0000
Diazepam	4.826	729359	251.69	419.56	10726111	10.0000
Dihydrocodeine	2.823	1064922	2441.84	∞	8335755	10.0000
Diphenhydramine	4.057	9806460	2501.48	3934.40	42126373	10.0000
DMT	3.014	426391	1799.78	1483.44	11774169	10.0000
Doxepin	4.179	2533787	1602.65	260.42	23522433	10.0000
Doxylamine	3.685	9231511	297.70	18607.69	11774169	10.0000
Duloxetine	4.348	108152	15203.61	7394.01	1358589	10.0000
EDDP	4.118	341622	396.81	245.40	1797447	10.0000
Estazolam	4.518	5061079	1212.59	1940.80	10726111	10.0000
Etizolam	4.620	158801	88691.84	312640.39	10726111	10.0000
Fentanyl	4.127	365319	230.35	848.12	21631621	10.0000
Flualprazolam	4.482	881619	4367.00	2399.85	10726111	10.0000
Flunitrazepam	4.531	2024938	1319.31	1663.88	10726111	10.0000
Fluorofentanyl	4.172	630733	277116.90	657.61	21631621	10.0000
Fluoxetine	4.332	3666326	3159.61	132.86	6702117	10.0000
Flurazepam	4.217	3580969	2645099.50	3482.07	10726111	10.0000
Gabapentin	2.465	18388	400.62	45.72	14523558	10.0000
Hydrocodone	3.099	1703224	327.12	601.13	8335755	10.0000
Hydromorphone	2.749	861686	2236.43	421.32	8335755	10.0000
Hydroxyzine	4.526	4132170	1401.53	2013.89	14523558	10.0000
Imipramine	4.411	7373623	2240.10	483.31	9135657	10.0000
Ketamine	3.611	2740862	1477.36	182.36	10539742	10.0000
Lamotrigine	3.625	2263726	6815.80	12962.35	42126373	10.0000
Levamisole	3.059	2410816	1517.15	978.44	24500109	10.0000
Levetiracetam	2.663	1906253	1289.57	542.98	42126373	10.0000
Lorazepam	4.422	368279	298.69	155.63	10726111	10.0000
Maprotiline	4.458	1964541	73.35	192.31	9135657	10.0000
MDA	3.045	3113379	422.09	1142.01	23210630	10.0000
MDEA	3.274	4143194	412.21	10959.49	23210630	10.0000
MDMA	3.121	4930835	365.92	572.88	23210630	10.0000
Meperidine	3.641	2433503	4311.86	15628.67	11774169	10.0000
Meprobamate	3.659	888750	604565.36	545.21	8359129	10.0000
Methadone	4.424	6524536	1025.30	4542.96	1797447	10.0000
Methamphetamine	3.046	10854127	7683.00	302.22	23210630	10.0000
Methocarbamol	3.580	320938	207.94	579.71	1797447	10.0000
Methylphenidate	3.550	9634600	782.55	91.88	19761072	10.0000
Metoprolol	3.470	718771	2956.87	533.67	11774169	10.0000
Midazolam	4.760	806155	758.95	71768.64	10726111	10.0000
Mirtazapine	4.041	2928406	4466.10	4627.53	11774169	10.0000
Mitragynine	4.232	549296	591506.55	489053.30	11774169	10.0000
Morphine	2.658	165046	1341.84	858.09	314058	10.0000
Norbuprenorphine	3.847	102203	74339.02	48327.01	3124905	10.0000
Nordiazepam	4.674	1394201	1183.09	519.24	10726111	10.0000
Norfentanyl	3.365	6609960	29243.19	1000.08	28135455	10.0000
Norhydrocodone	2.978	39202	10.11	96.72	8335755	10.0000
Norketamine	3.720	699541	862.82	3597.65	10539742	10.0000
Normeperidine	3.627	2626511	614.89	462.23	42126373	10.0000
Noroxycodone	2.930	1414760	97.76	374.96	10539742	10.0000
Nortriptyline	4.429	2355632	786.10	670.11	9135657	10.0000
O-desmethyl-tramadol	2.949	6553992	558.86	202.93	42126373	10.0000
O-desmethylvenlafaxine	3.285	1534460	813.66	7237.87	7084605	10.0000
Olanzapine	3.898	767279	512628.81	334.21	218482	10.0000
Cal						

TS

AM #25 Multi-Drug Screen. Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Oxazepam	4.487	1531805	531.80	264.79	9263527	10.0000
Oxycodone	2.990	2201161	926.09	5246.40	10539742	10.0000
Oxymorphone	2.580	1701588	160.30	449.59	8335755	10.0000
Paroxetine	4.359	522962	364.56	4741.55	6702117	10.0000
Phenazepam	4.619	1335155	4983.32	556187.68	10726111	10.0000
Phencyclidine	3.950	5243007	582.50	328.40	11774169	10.0000
Phentermine	3.185	1692996	189.36	43.66	19761072	10.0000
Phenytoin	4.121	357078	1908.79	84.62	218482	10.0000
Primidone	3.475	9951257	6406443.27	2254.92	218482	10.0000
Promethazine	4.364	7629686	1036.15	395.30	42126373	10.0000
Pseudoephedrine	2.770	43865952	2603.85	57451.93	23210630	10.0000
Quetiapine	4.510	4369512	1437.41	975.18	30134935	10.0000
Risperidone	4.109	6538893	4166.24	507.25	30475156	10.0000
Sertraline	4.579	1354875	4452.38	1282.71	6702117	10.0000
Sufentanil	4.479	313281	146346.51	464.95	28135455	10.0000
Tapentadol	3.474	5193015	2045.65	263824.01	10539742	10.0000
Temazepam	4.656	2536709	10462.84	85.45	10726111	10.0000
Topiramate	3.834	624947	152636.63	459428.96	294426	10.0000
Tramadol	3.455	14363409	541.29	181.99	42126373	10.0000
Trazodone	4.649	5436951	1521.21	33801.68	23522433	10.0000
Venlafaxine	3.824	6887173	2039.26	229.83	7084605	10.0000
Xylazine	3.428	2187022	1142.47	366.84	10539742	10.0000
Zaleplon	4.332	1371234	2550824.33	474.71	30134935	10.0000
Zolpidem	4.363	7526078	35328.14	40224.31	30134935	10.0000
Zopiclone	4.233	631650	343929.78	69230.10	3302874	10.0000

TS

AM #25 Multi-Drug Screen. Results



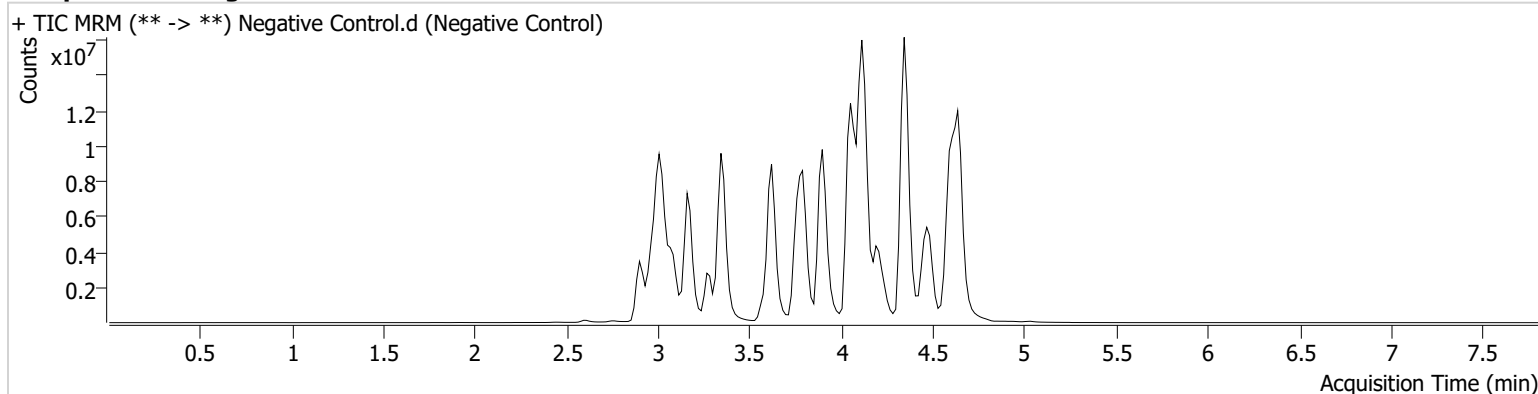
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Type Sample
Acq. Method AM 25 MDS.m
Sample Position P2-D12
Injection Volume 5
Acq. Date-Time 8/28/2024 5:15:20 PM
Sample Info.

Data File Negative Control.d
Sample Negative 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



TS

	1	2	3	4	5	6
A	IS + Cal. 1	IS + QC_1	M2024-3275-3	P2024-2474-1	P2024-2518-1	IS + QC_1
B	IS + Cal. 2	Neg Blood	P2024-2269-1	P2024-2482-1	P2024-2527-1	IS + Cal. 7
C	IS + Cal. 3	M2024-2766-1	P2024-2335-1	P2024-2501-1	P2024-2528-1	IS + Cal. 6
D	IS + Cal. 4	M2024-3127-1	P2024-2335-2	P2024-2511-1	P2024-2543-1	IS + Cal. 5
E	IS + Cal. 5		P2024-2439-1	P2024-2513-1	P2024-2546-1	IS + Cal. 4
F	IS + Cal. 6	M2024-3216-4	P2024-2463-1	P2024-2515-1	P2024-2551-1	IS + Cal. 3
G	IS + Cal. 7	M2024-3231-1	P2024-2471-1	P2024-2516-1	P2024-2566-1	IS + Cal. 2
H	IS + QC_1	M2024-3239-1	P2024-2473-1	P2024-2517-1	IS + QC_1	IS + Cal. 1

All wells to contain 100 µl of residual DMSO

*Mobile phases listed are incorrect. The correct mobile phases are:

Mobile Phase A: 10mM Amm Form in LCMS

Mobile Phase B: 0.1% Formic Acid in MeOH

11/20/2024 TS

TS

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

Extraction Date: 08/28/2024

Plate lot#: 240513

Mobile phase A: 0.1% Formic Acid in LCMS Water

Blank Blood Lot: Lampire 24C52816

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:

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:

AM #26 Cannabinoids Screen Results

TS



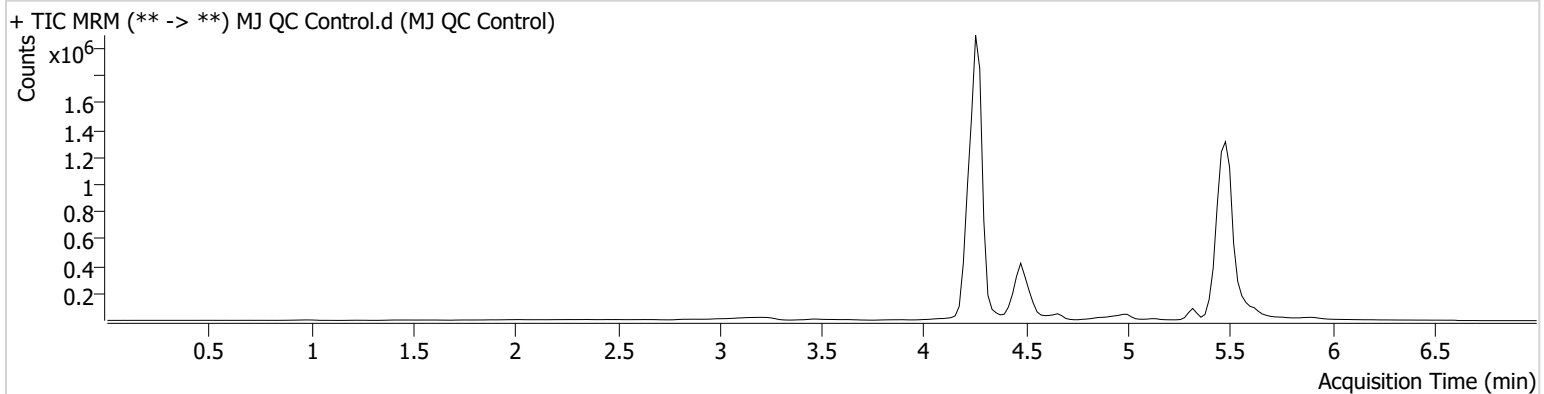
Batch results D:\MassHunter\Data\2024\AM 25 26\082824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 8/28/2024 4:41:42 PM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-H1
Injection Volume 10
Acq. Date-Time 8/28/2024 12:37:16 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	5.429	8977	335009	5.69 ng/ml
THC-COOH	4.516	231836	1338202	13.92 ng/ml
THC-OH	4.282	83277	8688266	4.74 ng/ml

AM #26 Cannabinoids Screen Results

TS



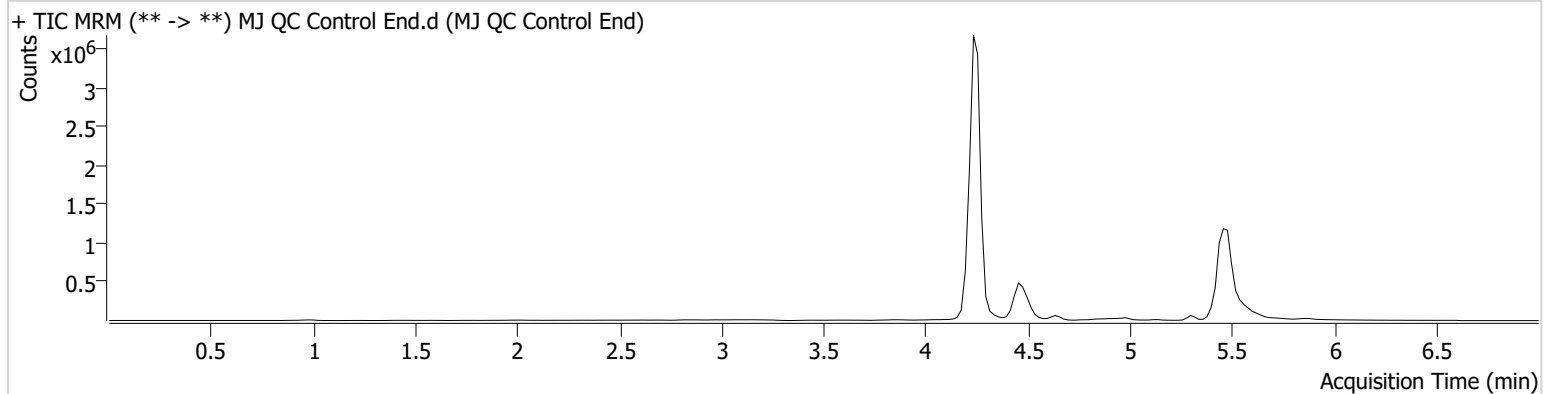
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Calibration Last Update 8/28/2024 4:41:42 PM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-H1
Injection Volume 10
Acq. Date-Time 8/28/2024 4:32:07 PM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.429	5222	209087	5.30 ng/ml
THC-COOH	4.496	262233	1465263	14.38 ng/ml
THC-OH	4.262	118039	12777053	4.57 ng/ml

AM #26 Cannabinoids Screen Results

TS



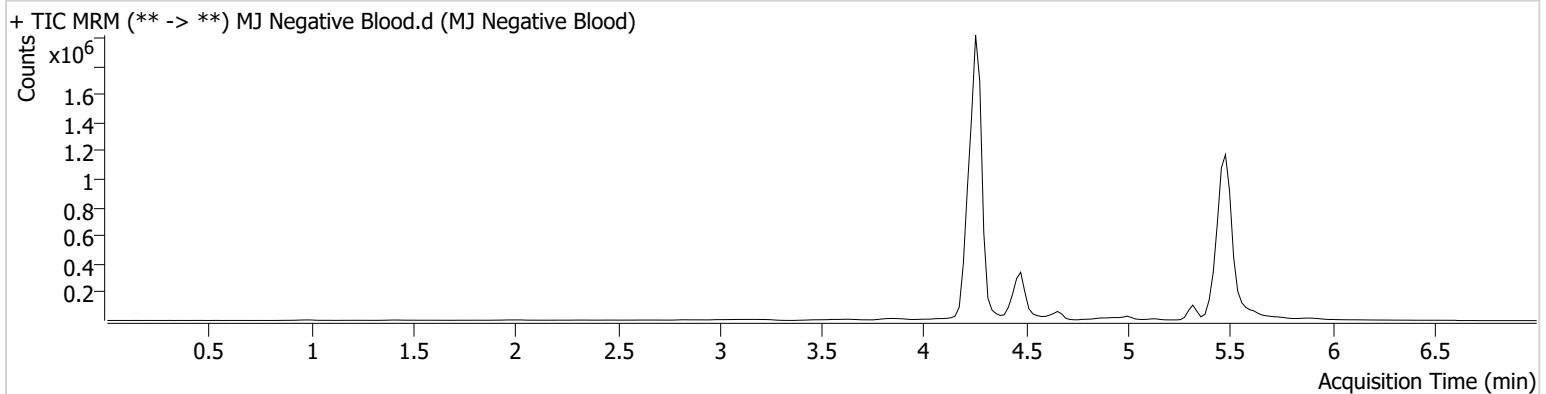
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Calibration Last Update 8/28/2024 4:41:42 PM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P1-B2
Injection Volume 10
Acq. Date-Time 8/28/2024 12:52:27 PM
Sample Info.

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

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Sample Chromatogram



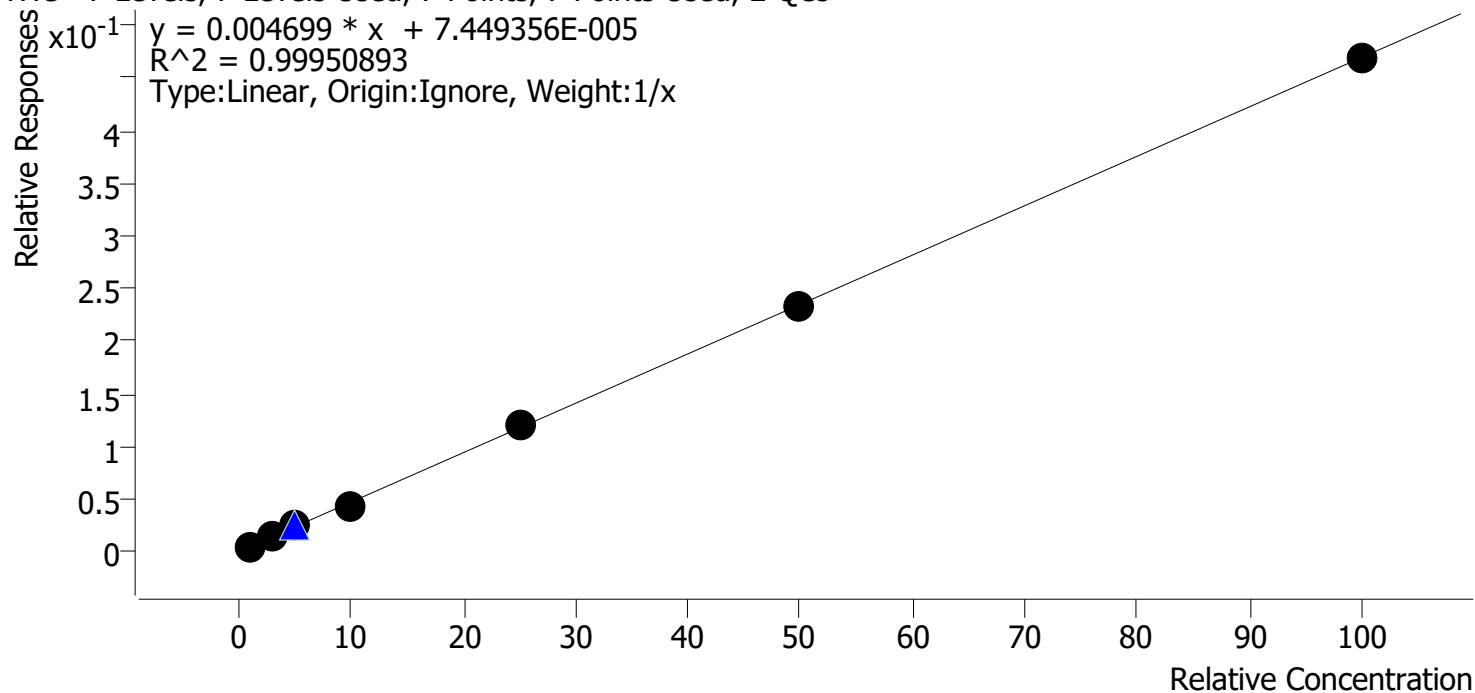
TS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\082824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 8/28/2024 4:41 PM
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	1	✓	1.0	1.0	95.8
MJ Cal 2	2	✓	3.0	3.2	106.5
MJ Cal 3	3	✓	5.0	5.1	101.2
MJ Cal 4	4	✓	10.0	9.4	93.8
MJ Cal 5	5	✓	25.0	25.8	103.2
MJ Cal 6	6	✓	50.0	49.9	99.8
MJ Cal 7	7	✓	100.0	99.7	99.7

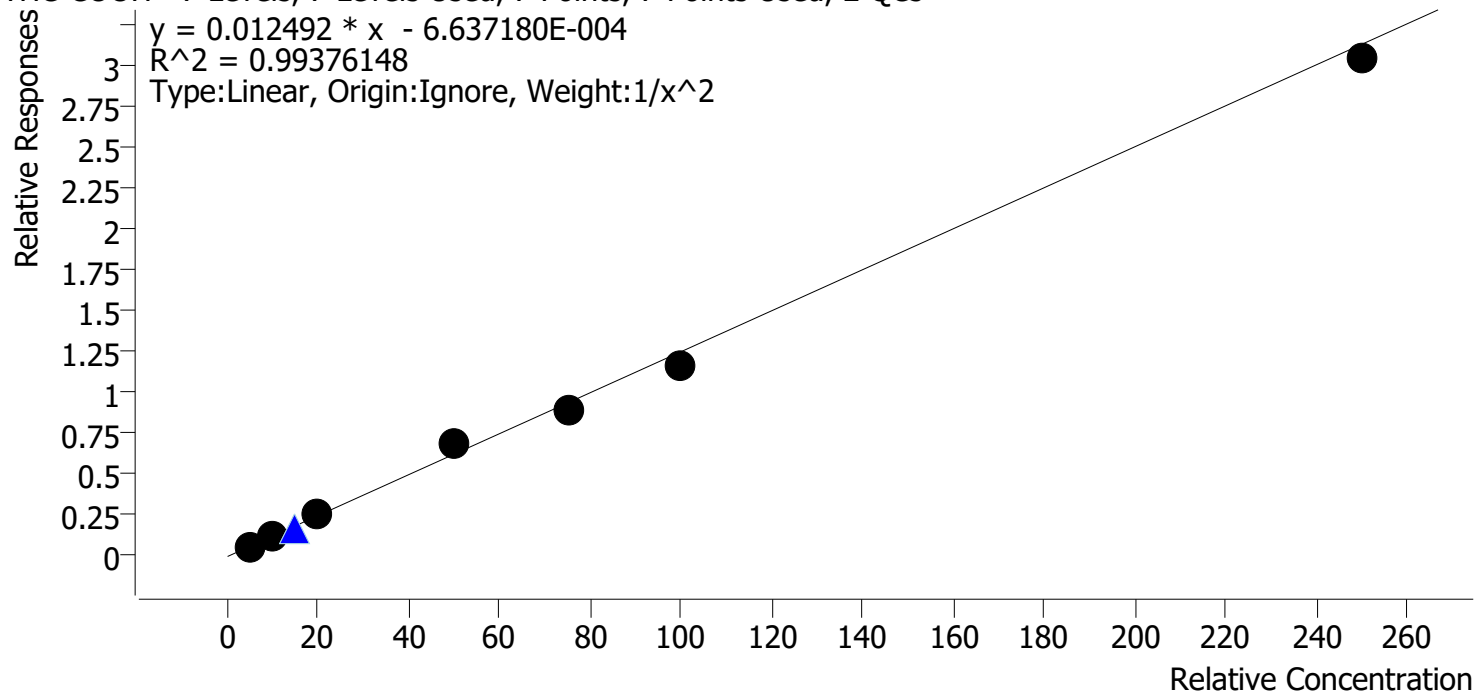
TS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\082824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 8/28/2024 4:41 PM
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	1	✓	5.0	4.8	96.3
MJ Cal 2	2	✓	10.0	10.4	104.0
MJ Cal 3	3	✓	20.0	21.2	106.2
MJ Cal 4	4	✓	50.0	54.7	109.5
MJ Cal 5	5	✓	75.0	70.5	94.1
MJ Cal 6	6	✓	100.0	92.8	92.8
MJ Cal 7	7	✓	250.0	242.9	97.2

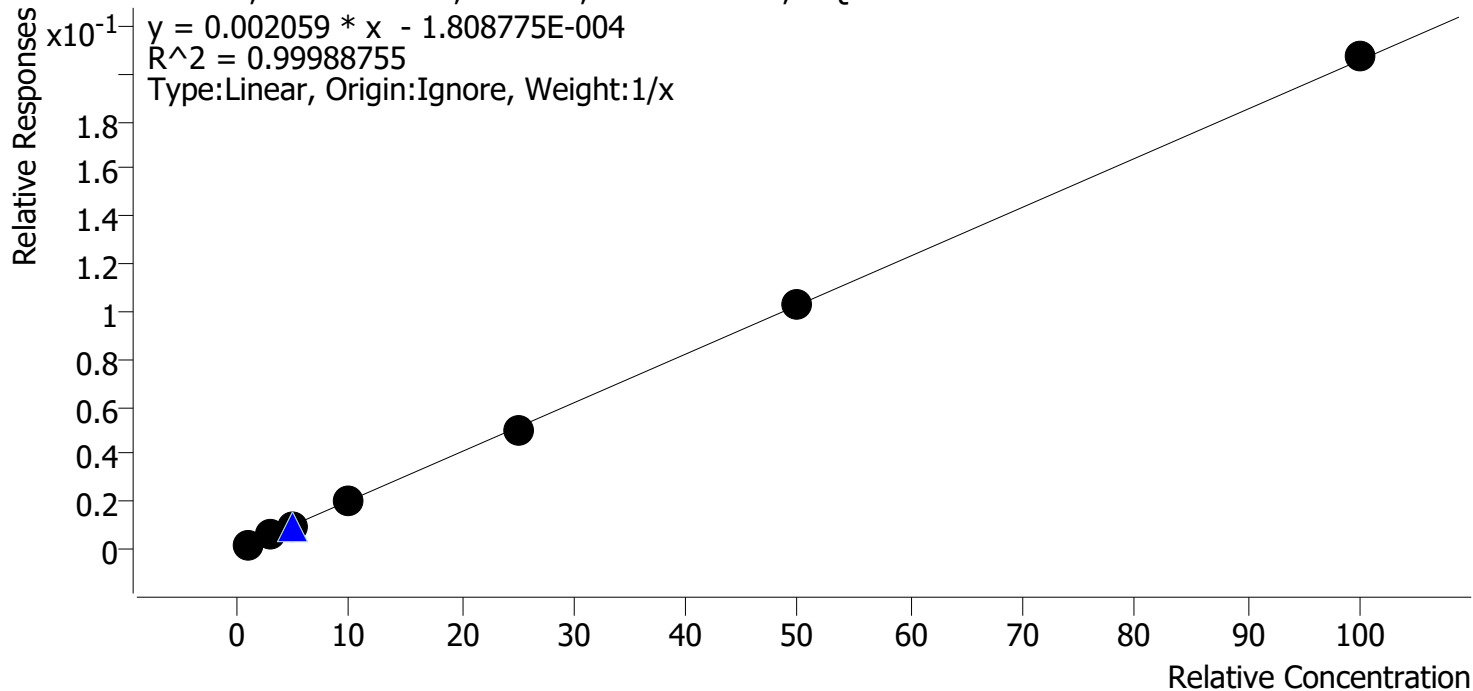
TS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\082824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 8/28/2024 4:41 PM
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	1.0	101.8
MJ Cal 2	2	✓	3.0	3.0	101.4
MJ Cal 3	3	✓	5.0	4.9	98.6
MJ Cal 4	4	✓	10.0	10.0	99.9
MJ Cal 5	5	✓	25.0	24.5	98.0
MJ Cal 6	6	✓	50.0	49.8	99.6
MJ Cal 7	7	✓	100.0	100.7	100.7

AM #26 Cannabinoids Screen Results

TS



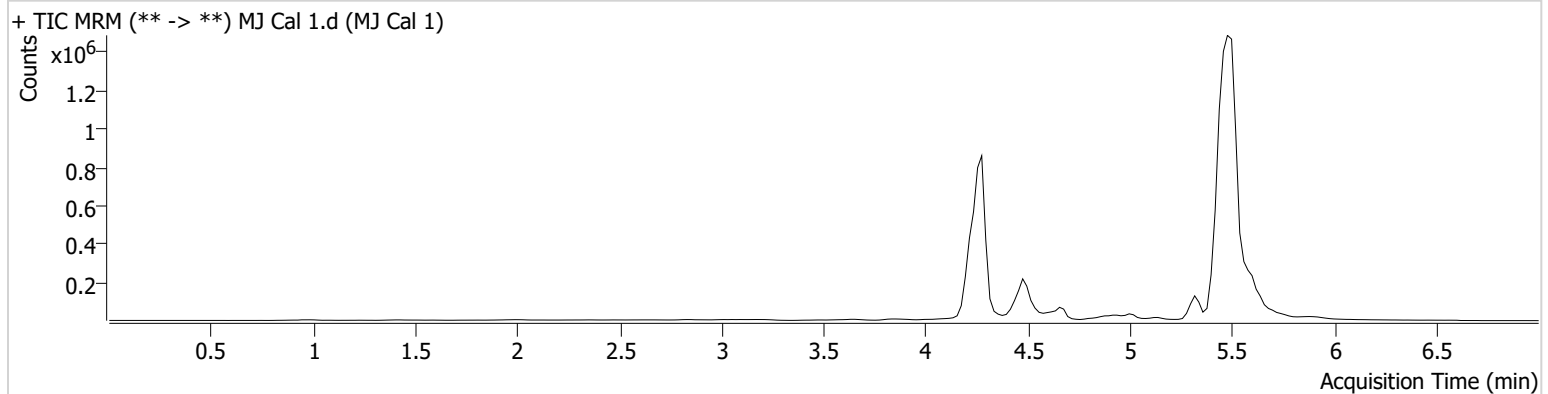
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Calibration Last Update 8/28/2024 4:41:42 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-A1
Injection Volume 10
Acq. Date-Time 8/28/2024 11:44:04 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	2556	558349	0.96 ng/ml Low
THC-COOH	4.516	47667	801165	4.82 ng/ml Low
THC-OH	4.282	7973	4161855	1.02 ng/ml Low

AM #26 Cannabinoids Screen Results

TS



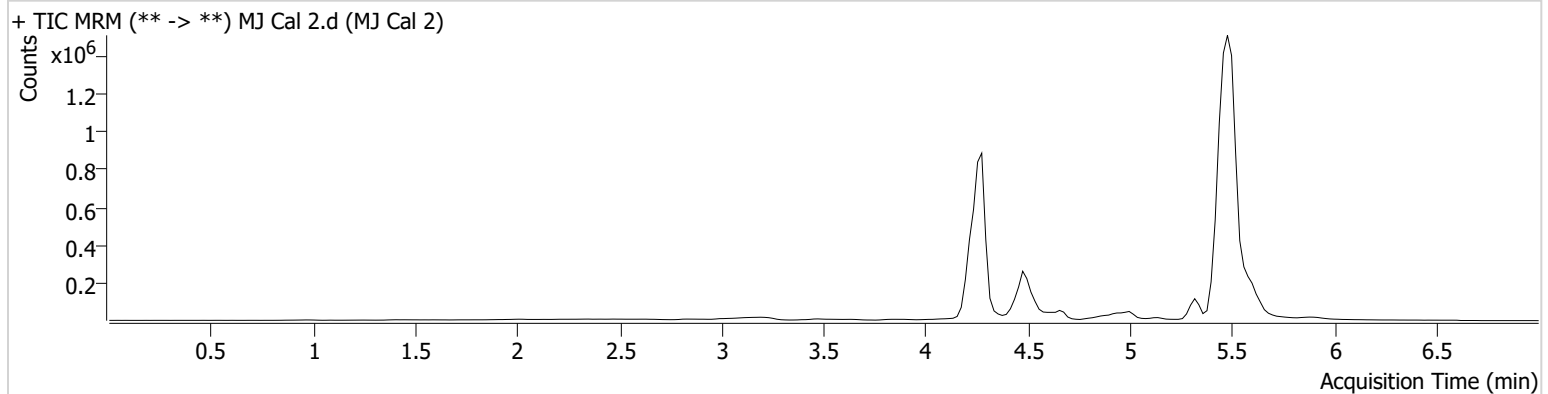
Batch results D:\MassHunter\Data\2024\AM 25 26\082824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 8/28/2024 4:41:42 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-B1
Injection Volume 10
Acq. Date-Time 8/28/2024 11:51:48 AM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.429	8706	577288	3.19 ng/ml
THC-COOH	4.516	113457	878002	10.40 ng/ml
THC-OH	4.282	24496	4026761	3.04 ng/ml

AM #26 Cannabinoids Screen Results

TS



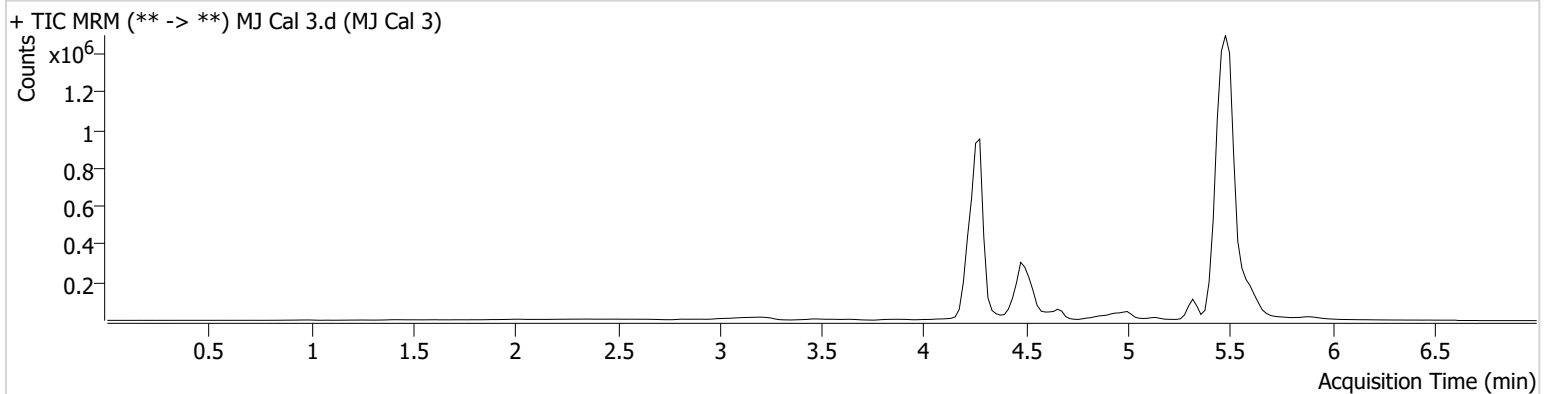
Batch results D:\MassHunter\Data\2024\AM 25 26\082824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 8/28/2024 4:41:42 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-C1
Injection Volume 10
Acq. Date-Time 8/28/2024 11:59:23 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	13712	574659	5.06 ng/ml
THC-COOH	4.516	235978	891359	21.25 ng/ml
THC-OH	4.282	41122	4126801	4.93 ng/ml

AM #26 Cannabinoids Screen Results



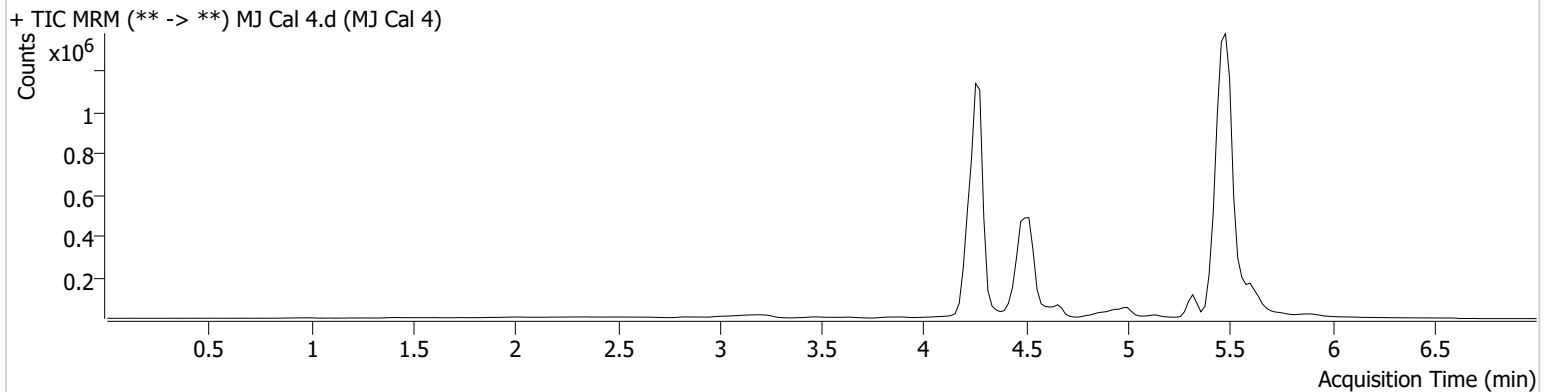
Batch results D:\MassHunter\Data\2024\AM 25 26\082824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 8/28/2024 4:41:42 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-D1
Injection Volume 10
Acq. Date-Time 8/28/2024 12:06:57 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	5.429	21484	486866	9.38 ng/ml
THC-COOH	4.516	668447	978690	54.73 ng/ml
THC-OH	4.282	92949	4557964	9.99 ng/ml

AM #26 Cannabinoids Screen Results



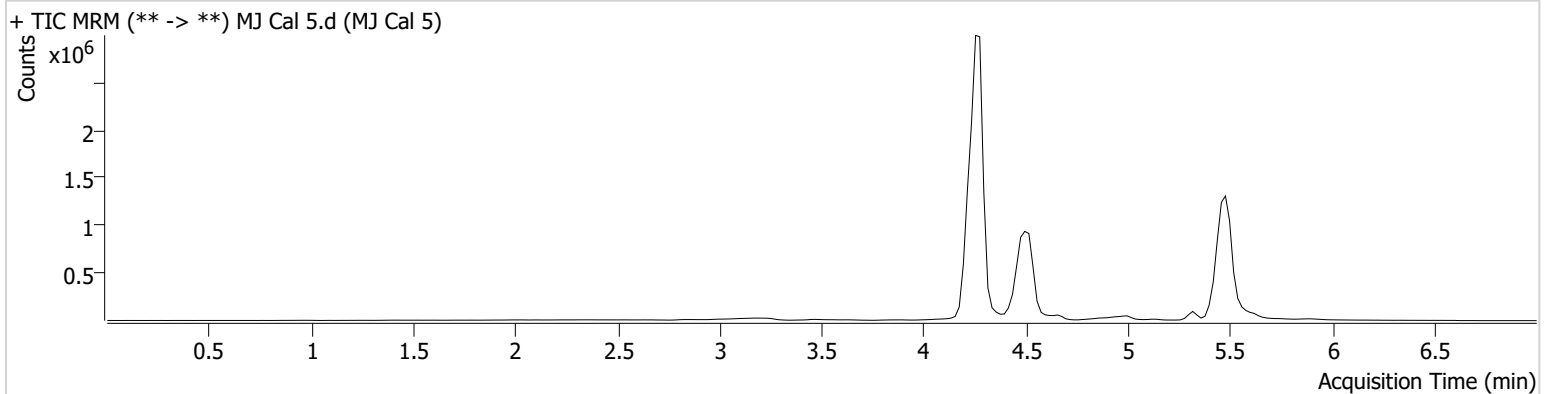
Batch results D:\MassHunter\Data\2024\AM 25 26\082824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 8/28/2024 4:41:42 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-E1
Injection Volume 10
Acq. Date-Time 8/28/2024 12:14:32 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	52602	433528	25.81 ng/ml
THC-COOH	4.516	1368550	1554068	70.55 ng/ml
THC-OH	4.282	498265	9916593	24.49 ng/ml

AM #26 Cannabinoids Screen Results



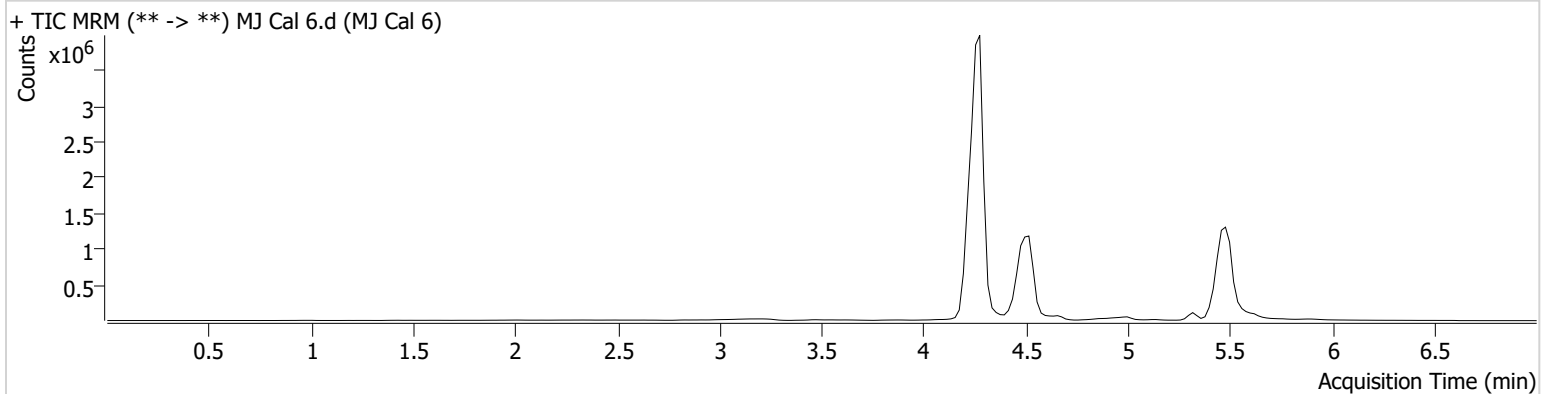
Batch results D:\MassHunter\Data\2024\AM 25 26\082824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 8/28/2024 4:41:42 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-F1
Injection Volume 10
Acq. Date-Time 8/28/2024 12:22:06 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	93136	397278	49.88 ng/ml
THC-COOH	4.516	1815617	1567639	92.77 ng/ml
THC-OH	4.282	1008508	9854165	49.79 ng/ml

AM #26 Cannabinoids Screen Results

TS



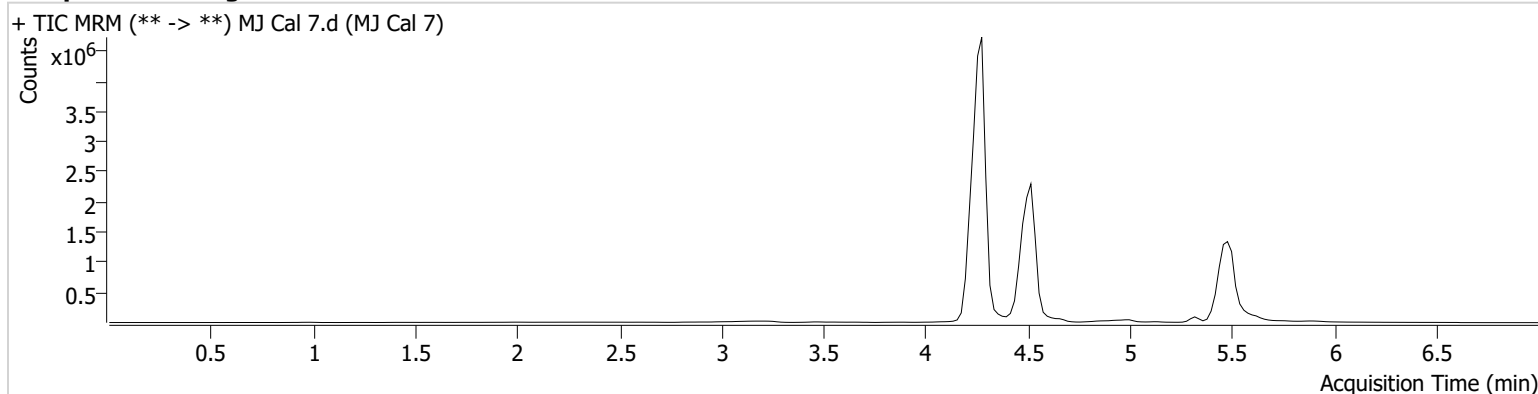
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Calibration Last Update 8/28/2024 4:41:42 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-G1
Injection Volume 10
Acq. Date-Time 8/28/2024 12:29:42 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	140812	300461	99.73 ng/ml
THC-COOH	4.516	3764605	1240778	242.94 ng/ml
THC-OH	4.282	1616918	7802647	100.73 ng/ml