

Worklist: 6941

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-3550	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3567	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3618	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3646	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3707	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3707	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3833	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3937	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2845	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2891	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2950	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2960	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2976	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2985	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2988	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2995	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2999	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3000	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3001	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3003	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3010	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

Worklist: 6941

TS

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2024-3012	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3013	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3014	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3027	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3030	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3037	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3038	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3039	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

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

Extraction Date: 010/01/2024

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:

	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	P2024-3037-1	P2024-3001-1	P2024-2950-1	M2024-3618-1
B	IS + Cal. 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-3030-2	P2024-3000-1	P2024-2891-1	M2024-3567-1
C	IS + Control 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-3027-1	P2024-2999-1	P2024-2845-1	M2024-3550-1
D	IS + Control 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-3014-1	P2024-2995-1	M2024-3937-2	Neg Blood
E	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-3013-1	P2024-2988-1	M2024-3833-1	IS + Control 1
F	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-3012-1	P2024-2985-1	M2024-3707-2	IS + Control 1
G	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-3039-1	P2024-3010-1	P2024-2976-1	M2024-3707-1	IS + Cal. 1
H	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-3038-1	P2024-3003-1	P2024-2960-1	M2024-3646-1	IS + Cal. 1

All wells to contain 60 µl of residual DMSO



AM #25 Multi-Drug Screen. Results

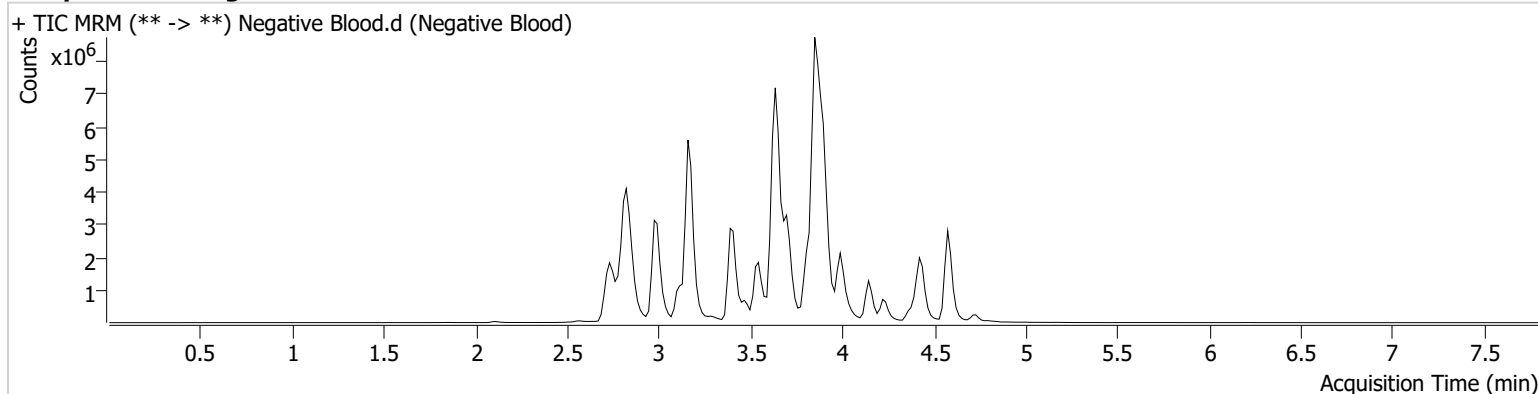
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Calibration Last Update 10/2/2024 10:49:04 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 25 MDS.m
Sample Position P2-D12
Injection Volume 5
Acq. Date-Time 10/1/2024 5:52:53 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

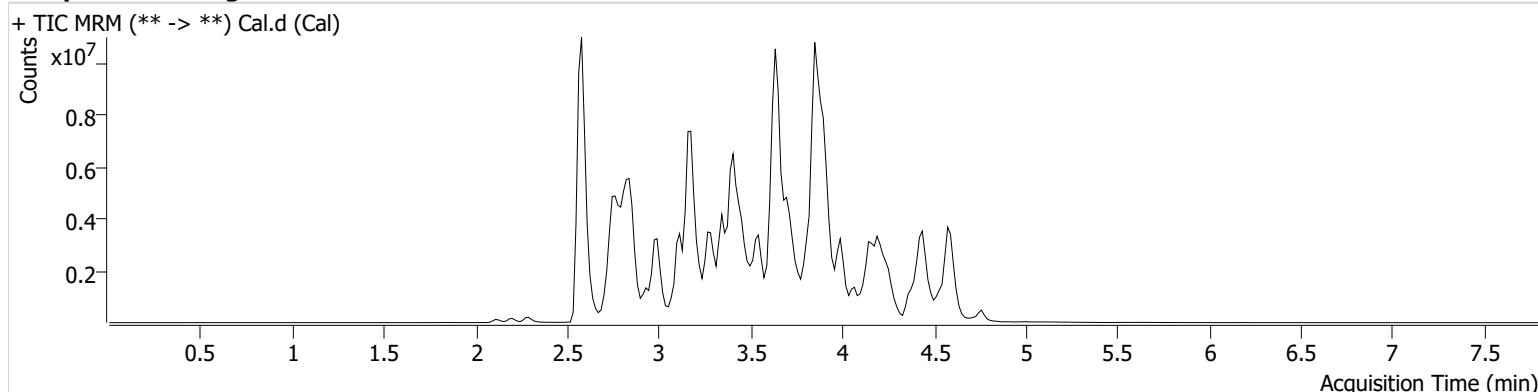
Batch results D:\MassHunter\Data\2024\AM 25 26\100124 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 10/2/2024 10:49:04 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 25 MDS.m
Sample Position P2-H12
Injection Volume 5
Acq. Date-Time 10/1/2024 5:44:17 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	3.702	1513764	135.49	3292.75	7408819	10.0000
6-MAM	2.729	17312	63.37	7188.68	420040	10.0000
7-aminoclonazepam	3.485	326873	314.18	613.75	1105653	10.0000
7-aminoflunitrazepam	3.685	541061	484.91	327.40	1105653	10.0000
9-Hydroxyrisperidone	3.647	3150145	1255.25	56328.87	11914333	10.0000
Acetyl Fentanyl	3.588	131157	332.43	24303.17	15628286	10.0000
Acetyl Norfentanyl	2.768	184670	1463.56	355.73	15628286	10.0000
a-hydroxyalprazolam	4.437	81113	13289.17	29709.60	1105653	10.0000
alpha-hydroxymidazolam	4.451	631611	648.77	1392.24	1105653	10.0000
Alpha-PHP	3.611	1433861	14086.00	1151.90	15628286	10.0000
alpha-PVP	3.350	2317128	693.16	617.71	3008096	10.0000
Alprazolam	4.532	1019031	658.34	666.80	6656912	10.0000
Amitriptyline	4.227	496718	228.94	312.42	1867318	10.0000
Amphetamine	2.757	1712132	1051.45	∞	3008096	10.0000
Benzoylecgonine	3.314	46311	47.67	100.11	195434	10.0000
Bromazolam	4.589	678985	3728.79	1236.11	6656912	10.0000
Brompheniramine	3.851	35517	3028.47	369.47	24029614	10.0000
Buprenorphine	3.923	28985	226.35	1753.05	1201554	10.0000
Bupropion	3.550	1854448	819706.06	1431.08	5969573	10.0000
Carbamazepine	4.168	3393106	796.10	329.64	150698	10.0000
Carisoprodol	4.152	444476	352.88	152.87	2743833	10.0000
Chlordiazepoxide	4.565	345224	615.37	120.38	6656912	10.0000
Chlorpheniramine	3.763	2660916	8849.25	8.60	3870293	10.0000
Chlorpromazine	4.407	343195	199643.75	479.07	1683687	10.0000
Citalopram	3.897	1366409	556.80	164555.6	24029614	10.0000
Clomipramine	4.423	516577	3093.73	2662.74	24029614	10.0000
Clonazepam	4.377	550688	997.82	657.01	150698	10.0000
Clonazepam	4.281	485727	206446.39	109082.3	6656912	10.0000
Clozapine	3.989	1418303	9678.60	6590.43	5307727	10.0000
Cocaethylene	3.604	1603262	4224.96	1971.30	9609849	10.0000



AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Cocaine	3.390	1983072	1821.55	131.43	9609849	10.0000
Codeine	2.611	158354	1438.68	1081.84	2944807	10.0000
Cyclobenzaprine	4.150	594086	463.84	68.79	1867318	10.0000
Desipramine	4.197	1320303	2817.60	1246.28	1867318	10.0000
Dextromethorphan	3.886	810135	320.22	688.01	3870293	10.0000
Dextrorphan	3.225	1158948	1850.41	6079.94	3870293	10.0000
Diazepam	4.766	547013	1575.83	1631.52	6656912	10.0000
Dihydrocodeine	2.580	383713	632.42	350.90	2944807	10.0000
Diphenhydramine	3.857	2843984	1747.33	744.48	24029614	10.0000
DMT	2.831	82773	709.33	466.02	3870293	10.0000
Doxepin	3.963	783058	411.93	56.55	5623916	10.0000
Doxylamine	3.455	3684976	824.46	468.56	3870293	10.0000
Duloxetine	4.163	17244	6629.85	4864.67	228403	10.0000
EDDP	3.901	129216	218.00	287.99	711027	10.0000
Estazolam	4.442	1820421	1565.29	655.11	6656912	10.0000
Etizolam	4.544	187348	75567.39	70423.05	6656912	10.0000
Fentanyl	3.819	85822	116.64	354.14	5774776	10.0000
Flualprazolam	4.391	313215	2961.78	8933.48	6656912	10.0000
Flunitrazepam	4.485	1050758	1330.63	585.67	6656912	10.0000
Fluorofentanyl	3.848	185753	735.42	1207.13	5774776	10.0000
Fluoxetine	4.177	621440	748.64	83.28	724089	10.0000
Flurazepam	3.925	965324	2019.78	85492.83	6656912	10.0000
Gabapentin	2.511	1115	14.28	24.60	5307727	10.0000
Hydrocodone	2.794	508896	471.22	272.10	2944807	10.0000
Hydromorphone	2.293	337063	705.80	493.23	2944807	10.0000
Hydroxyzine	4.249	957883	7367.78	1318.20	5307727	10.0000
Imipramine	4.195	1532701	1528.23	624.10	1867318	10.0000
Ketamine	3.181	1790978	1991.10	272.88	3724430	10.0000
Lamotrigine	3.363	1362638	11726.67	9875.85	24029614	10.0000
Levamisole	2.768	1262498	5587.29	430.83	9609849	10.0000
Levetiracetam	2.588	475943	319.41	271.48	24029614	10.0000
Lorazepam	4.361	217485	317.52	∞	6656912	10.0000
Maprotiline	4.227	290779	40.05	231.67	1867318	10.0000
MDA	2.861	889019	393.90	1124.39	11027305	10.0000
MDEA	3.090	1620941	1256.31	1602.34	11027305	10.0000
MDMA	2.937	1971967	836.37	447.62	11027305	10.0000
Meperidine	3.426	1053120	520.81	385.43	3870293	10.0000
Meprobamate	3.613	173664	133.22	177.33	2743833	10.0000
Methadone	4.208	1689354	917.94	333.86	711027	10.0000
Methamphetamine	2.863	4289400	1515.79	414.63	11027305	10.0000
Methocarbamol	3.503	148101	164.82	125.83	711027	10.0000
Methylphenidate	3.349	4350288	1704.87	547.01	9282987	10.0000
Metoprolol	3.285	349283	407.76	1110.81	3870293	10.0000
Midazolam	4.360	200276	39977.82	261329.1 3	6656912	10.0000
Mirtazapine	3.517	1333394	1683.68	1097.25	3870293	10.0000
Mitragynine	3.940	135980	81103.32	28678.75	3870293	10.0000
Morphine	2.113	74477	2878.01	200.59	69635	10.0000
Norbuprenorphine	3.662	38968	42.60	4095.80	1201554	10.0000
Nordiazepam	4.629	740438	588.55	1662.52	6656912	10.0000
Norfentanyl	3.181	3509519	1179.29	484.64	15628286	10.0000
Norhydrocodone	2.780	6643	2889.74	127.87	2944807	10.0000
Norketamine	3.166	239677	408.25	7902.21	3724430	10.0000
Normeperidine	3.443	1185914	17022.11	732.49	24029614	10.0000
Noroxycodone	2.747	366649	∞	195.71	3724430	10.0000
Nortriptyline	4.229	277188	1175.47	124.04	1867318	10.0000
O-desmethyl-tramadol	2.781	3861231	2560.55	205.68	24029614	10.0000
O-desmethylvenlafaxine	3.117	691537	315.36	17353.86	3169814	10.0000
Olanzapine	3.220	176229	56046.14	617.12	150698	10.0000
Oxazepam	4.442	667993	870.76	143.13	4683506	10.0000

TS



AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Oxycodone	2.746	860220	549.36	∞	3724430	10.0000
Oxymorphone	2.200	307423	60.12	355.30	2944807	10.0000
Paroxetine	4.159	91488	189.22	1795.86	724089	10.0000
Phenazepam	4.559	774422	33938.67	212231.2 4	6656912	10.0000
Phencyclidine	3.734	2270678	13156.87	560.22	3870293	10.0000
Phentermine	3.016	861670	825.55	10.34	9282987	10.0000
Phenytoin	4.075	280943	429.90	196.45	150698	10.0000
Primidone	3.413	3013436	2167.83	1061.70	150698	10.0000
Promethazine	4.118	2209088	44135.60	361.27	24029614	10.0000
Pseudoephedrine	2.588	28919005	40404.35	35566.10	11027305	10.0000
Quetiapine	4.064	1473897	1934.70	1571.74	12805372	10.0000
Risperidone	3.816	2193581	10392.39	140.68	11914333	10.0000
Sertraline	4.364	145751	76724.54	562.08	724089	10.0000
Sufentanil	4.064	55870	1026.38	400.46	15628286	10.0000
Tapentadol	3.305	2332531	1223.09	565.93	3724430	10.0000
Temazepam	4.595	1450443	353.27	195.48	6656912	10.0000
Topiramate	3.788	93401	71432.94	22419.37	68231	10.0000
Tramadol	3.270	7344547	∞	40.88	24029614	10.0000
Trazodone	3.909	1431252	1709.26	2064.26	5623916	10.0000
Venlafaxine	3.639	3211021	1675.75	363.25	3169814	10.0000
Xylazine	3.228	1217534	12242.44	130.99	3724430	10.0000
Zaleplon	4.255	896430	715.75	1026.02	12805372	10.0000
Zolpidem	3.636	2450720	6033.35	32784.50	12805372	10.0000
Zopiclone	3.571	76554	26488.17	390.00	442748	10.0000

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

Extraction Date: 10/01/2024

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

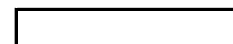
- ☒ 1. Create batch and process data.
- ☒ 2. Make any necessary integration changes, Curve weighting of Linear 1/x with r^2 values ≥ 0.98 for each analyte
- ☒ 3. RT +/- 3% or 0.100 min, whichever is greater, +/- 20% Accuracy for greater than (+/- 30% for 10ng/ml or less).
Ion ratios must be within +/- 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: Reconstitution solvent was mistakenly not added to the wells containing case samples P2024-2891 and P2024-3014 during step 16 of the extraction. The reconstitution solvent was added to the proper wells and the samples were injected without issue.

THC-COOH: 5- 50 --calibrators 5, 6, and 7 dropped due to accuracy

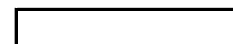
	1	2	3	4	5	6
A	IS + Cal. 1	IS + QC_1	M2024-3833-1	P2024-2988-1	P2024-3013-1	IS + QC_1
B	IS + Cal. 2	Neg Blood	M2024-3937-2	P2024-2995-1	P2024-3014-1	IS + Cal. 7
C	IS + Cal. 3	M2024-3550-1	P2024-2845-1	P2024-2999-1	P2024-3027-1	IS + Cal. 6
D	IS + Cal. 4	M2024-3567-1	P2024-2891-1	P2024-3000-1	P2024-3030-2	IS + Cal. 5
E	IS + Cal. 5	M2024-3618-1	P2024-2950-1	P2024-3001-1	P2024-3037-1	IS + Cal. 4
F	IS + Cal. 6	M2024-3646-1	P2024-2960-1	P2024-3003-1	P2024-3038-1	IS + Cal. 3
G	IS + Cal. 7	M2024-3707-1	P2024-2976-1	P2024-3010-1	P2024-3039-1	IS + Cal. 2
H	IS + QC_1	M2024-3707-2	P2024-2985-1	P2024-3012-1	IS + QC_1	IS + Cal. 1

All wells to contain 100 µl of residual DMSO



	1	2	3	4	5	6
A	IS + Cal. 1	IS + QC_1	M2024-3833-1	P2024-2988-1	P2024-3013-1	P2024-3014-1
B	IS + Cal. 2	Neg Blood	M2024-3937-2	P2024-2995-1	P2024-3014-1*	
C	IS + Cal. 3	M2024-3550-1	P2024-2845-1	P2024-2999-1	P2024-3027-1	
D	IS + Cal. 4	M2024-3567-1	P2024-2891-1*	P2024-3000-1	P2024-3030-2	
E	IS + Cal. 5	M2024-3618-1	P2024-2950-1	P2024-3001-1	P2024-3037-1	
F	IS + Cal. 6	M2024-3646-1	P2024-2960-1	P2024-3003-1	P2024-3038-1	
G	IS + Cal. 7	M2024-3707-1	P2024-2976-1	P2024-3010-1	P2024-3039-1	
H	IS + QC_1	M2024-3707-2	P2024-2985-1	P2024-3012-1	P2024-2891-1	

*Samples moved during step 6 of the extraction due to clotting



TS



AM #26 Cannabinoids Screen Results

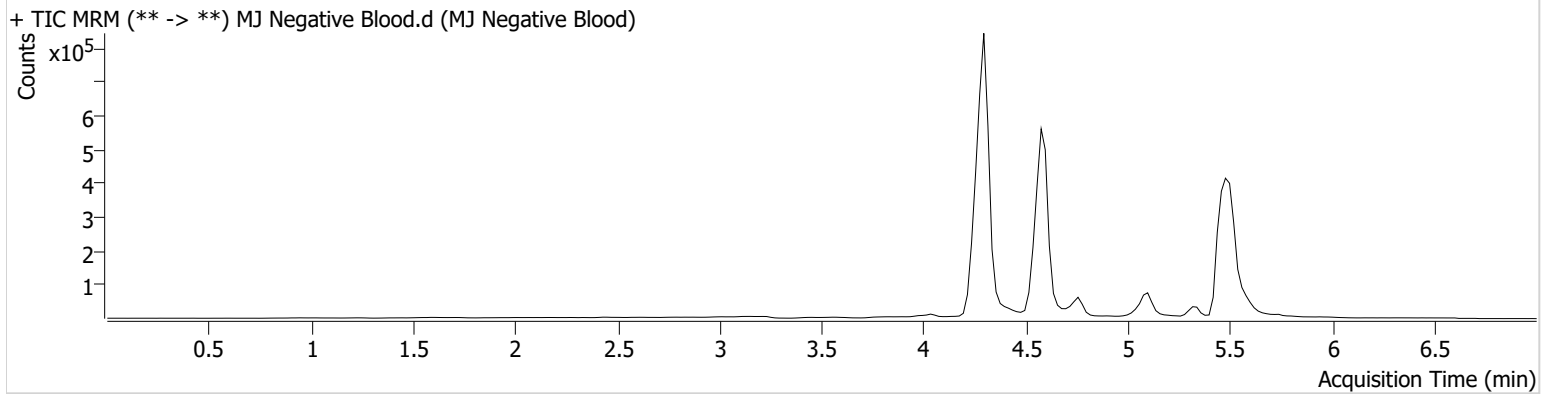
Batch results D:\MassHunter\Data\2024\AM 25 26\100124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 10/2/2024 8:02:46 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P1-B2
Injection Volume 10
Acq. Date-Time 10/1/2024 1:12:27 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

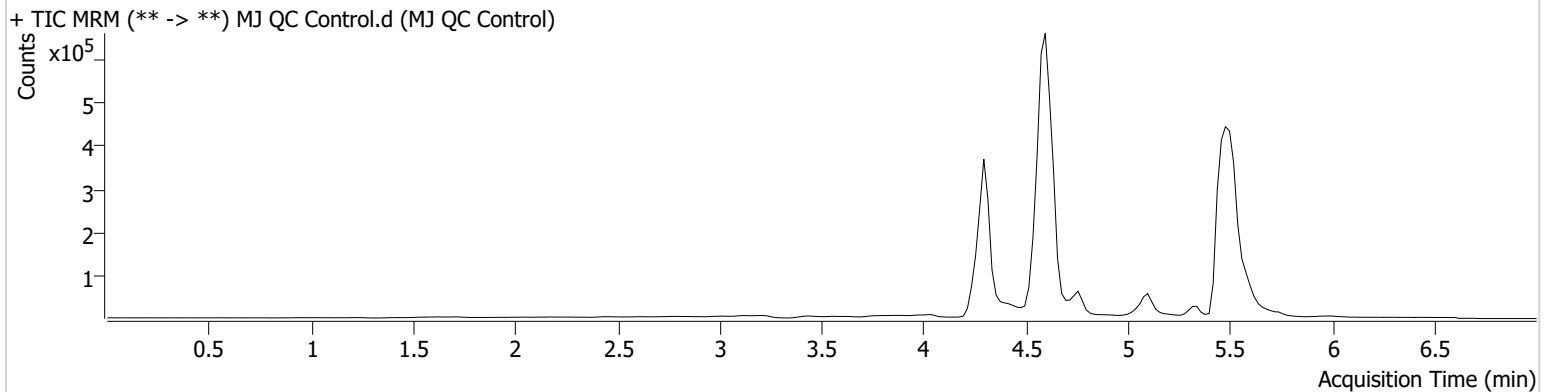
Batch results D:\MassHunter\Data\2024\AM 25 26\100124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 10/2/2024 8:02:46 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-H1
Injection Volume 10
Acq. Date-Time 10/1/2024 12:57:18 PM
Sample Info.

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

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Sample Chromatogram



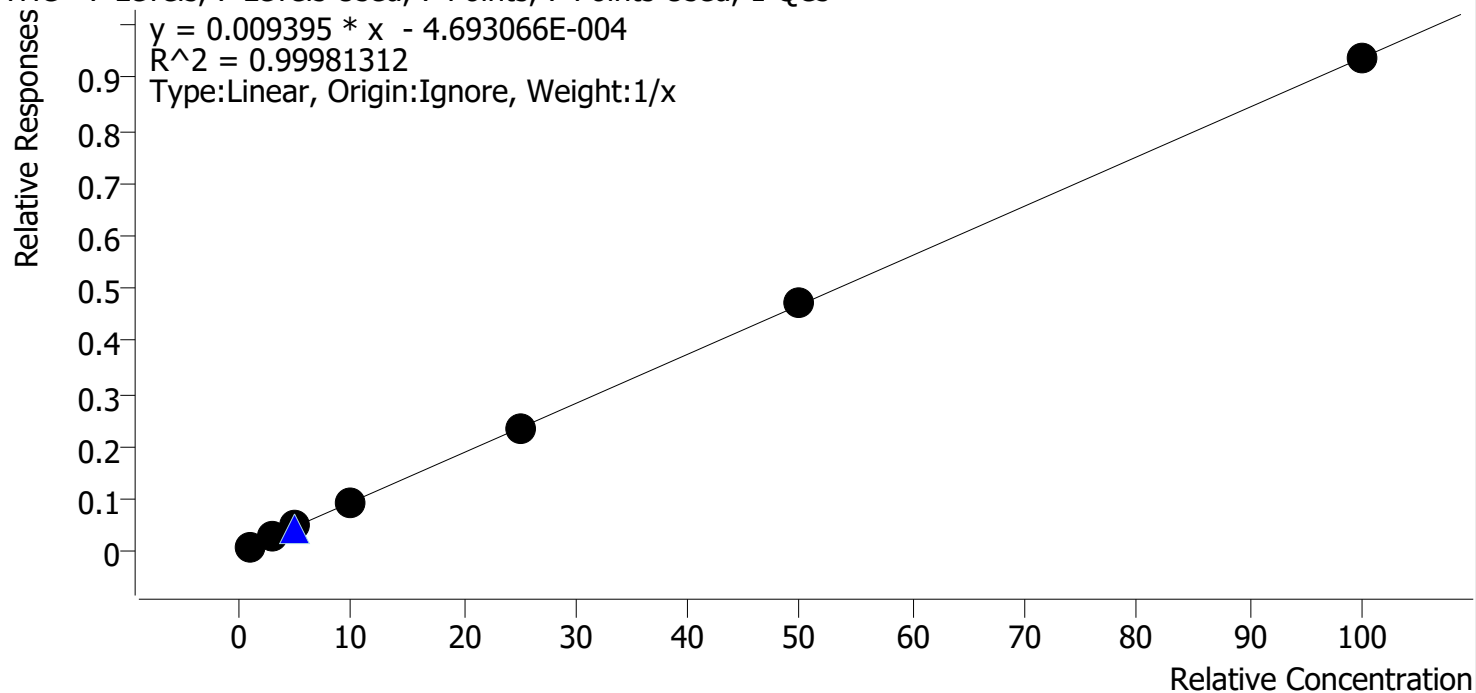
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.530	2154	53664	4.32 ng/ml
THC-COOH	4.616	520348	2106473	22.50 ng/ml
THC-OH	4.302	21039	1473899	6.21 ng/ml



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\100124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 10/2/2024 8:02 AM
Analyst Name ISP\Datastor
Analyte THC **Internal Standard** THC-D3

THC - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs



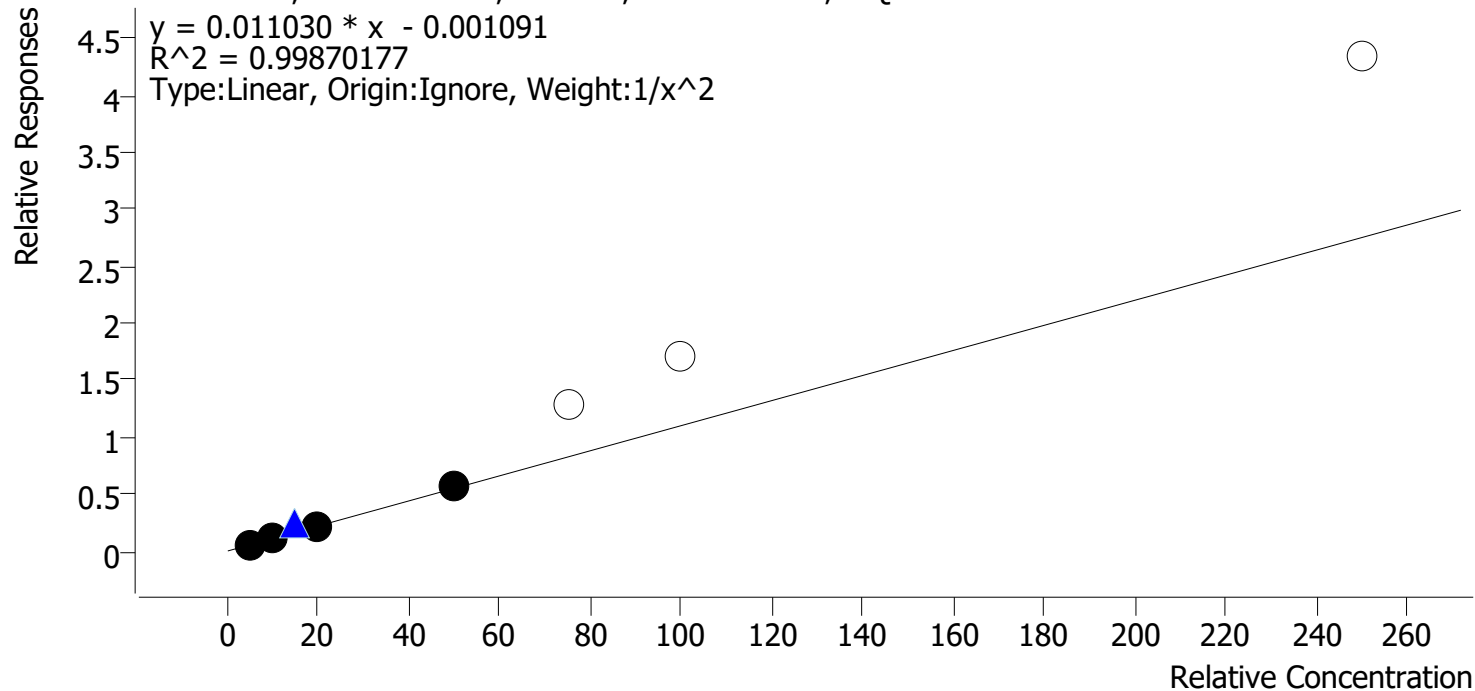
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.0	98.0
MJ Cal 2	2	✓	3.0	3.1	102.2
MJ Cal 3	3	✓	5.0	5.1	103.0
MJ Cal 4	4	✓	10.0	9.7	97.4
MJ Cal 5	5	✓	25.0	24.5	98.2
MJ Cal 6	6	✓	50.0	50.7	101.4
MJ Cal 7	7	✓	100.0	99.8	99.8



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\100124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 10/2/2024 8:02 AM
Analyst Name ISP\Datastor
Analyte THC-COOH **Internal Standard** THC-COOH-D9

THC-COOH - 7 Levels, 4 Levels Used, 7 Points, 4 Points Used, 1 QCs



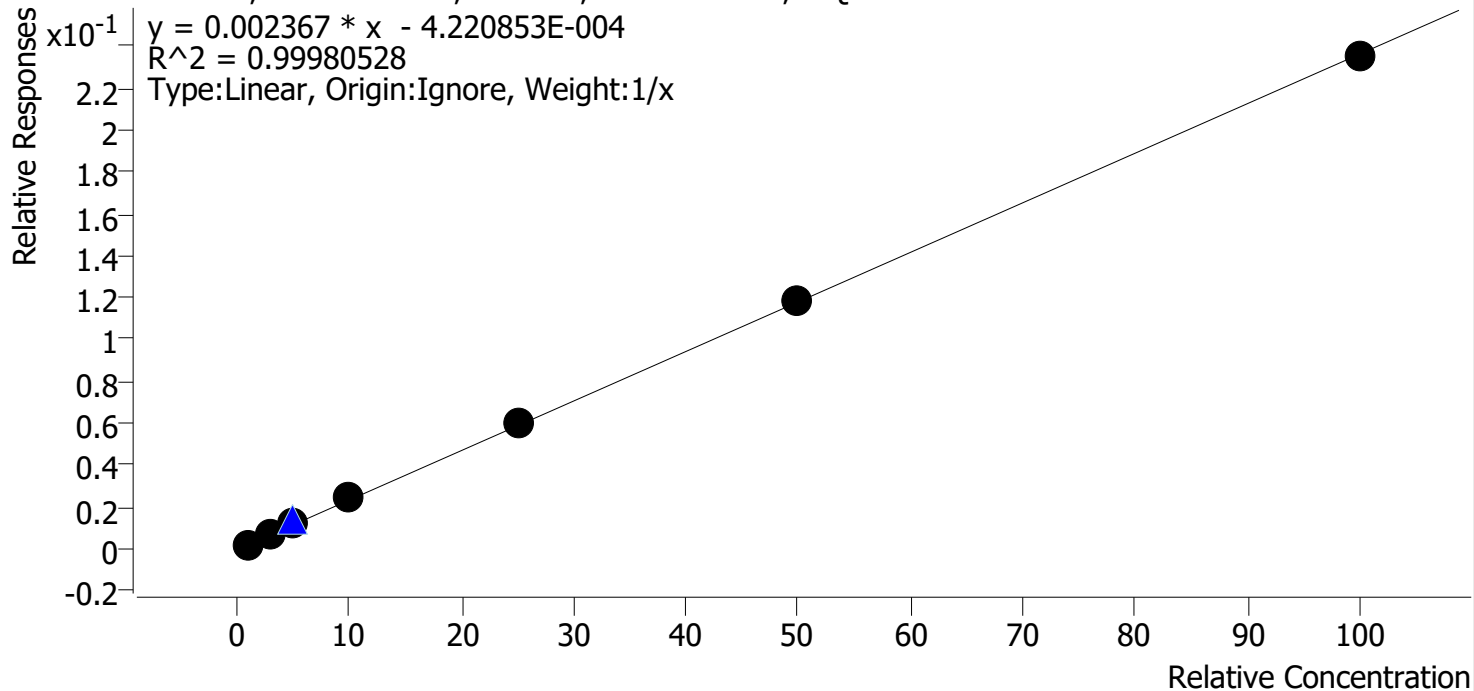
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	5.1	101.5
MJ Cal 2	2	✓	10.0	9.7	96.6
MJ Cal 3	3	✓	20.0	20.0	99.8
MJ Cal 4	4	✓	50.0	51.0	102.1
MJ Cal 5	5	✗	75.0	116.4	155.3
MJ Cal 6	6	✗	100.0	154.9	154.9
MJ Cal 7	7	✗	250.0	394.2	157.7



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\100124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 10/2/2024 8:02 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, 1 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.0	100.9
MJ Cal 2	2	✓	3.0	2.8	94.0
MJ Cal 3	3	✓	5.0	5.1	101.1
MJ Cal 4	4	✓	10.0	10.3	102.7
MJ Cal 5	5	✓	25.0	25.5	102.0
MJ Cal 6	6	✓	50.0	49.9	99.8
MJ Cal 7	7	✓	100.0	99.5	99.5



AM #26 Cannabinoids Screen Results

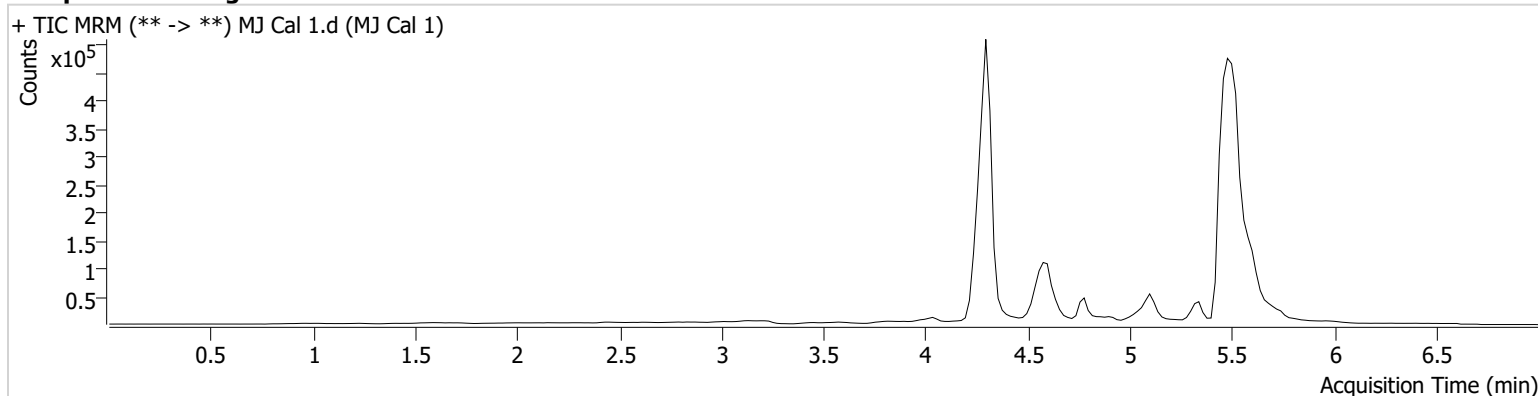
Batch results D:\MassHunter\Data\2024\AM 25 26\100124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 10/2/2024 8:02:46 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-A1
Injection Volume 10
Acq. Date-Time 10/1/2024 12:04:11 PM
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	5.530	918	105004	0.98 ng/ml Low
THC-COOH	4.616	27924	508534	5.08 ng/ml
THC-OH	4.322	4281	2177655	1.01 ng/ml Low



AM #26 Cannabinoids Screen Results

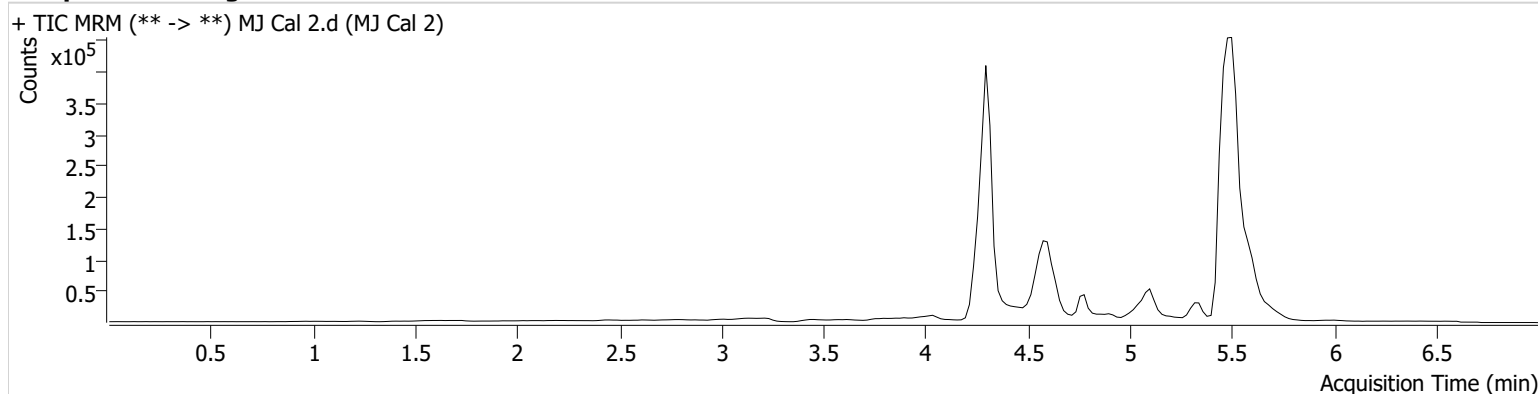
Batch results D:\MassHunter\Data\2024\AM 25 26\100124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 10/2/2024 8:02:46 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-B1
Injection Volume 10
Acq. Date-Time 10/1/2024 12:11:54 PM
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	5.530	4295	151545	3.07 ng/ml
THC-COOH	4.616	57871	548756	9.66 ng/ml
THC-OH	4.322	10509	1680250	2.82 ng/ml Low



AM #26 Cannabinoids Screen Results

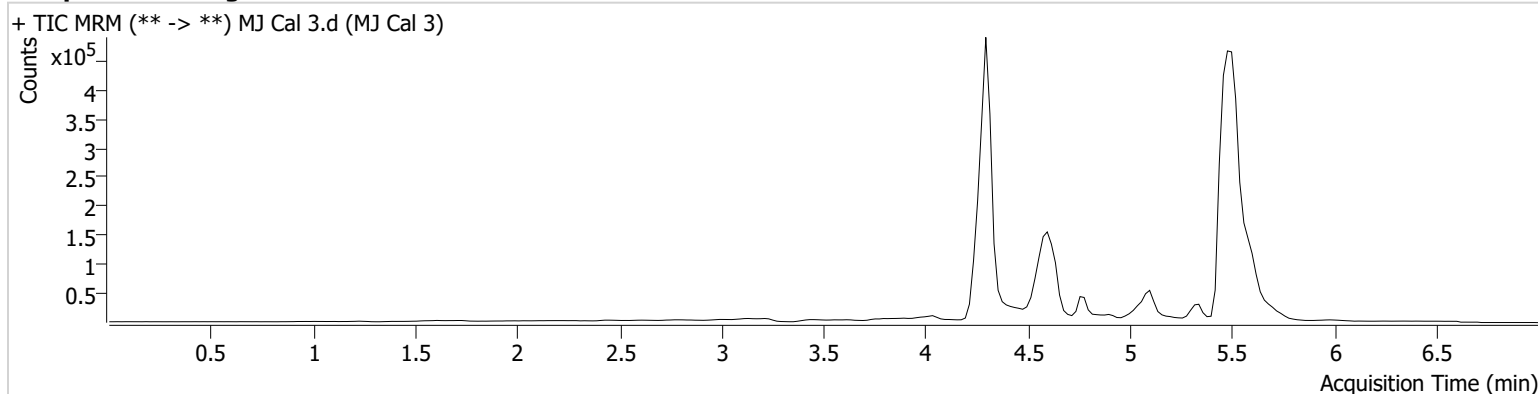
Batch results D:\MassHunter\Data\2024\AM 25 26\100124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 10/2/2024 8:02:46 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-C1
Injection Volume 10
Acq. Date-Time 10/1/2024 12:19:28 PM
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	5.530	6124	127829	5.15 ng/ml
THC-COOH	4.616	120864	551971	19.95 ng/ml
THC-OH	4.322	22021	1907703	5.06 ng/ml



AM #26 Cannabinoids Screen Results

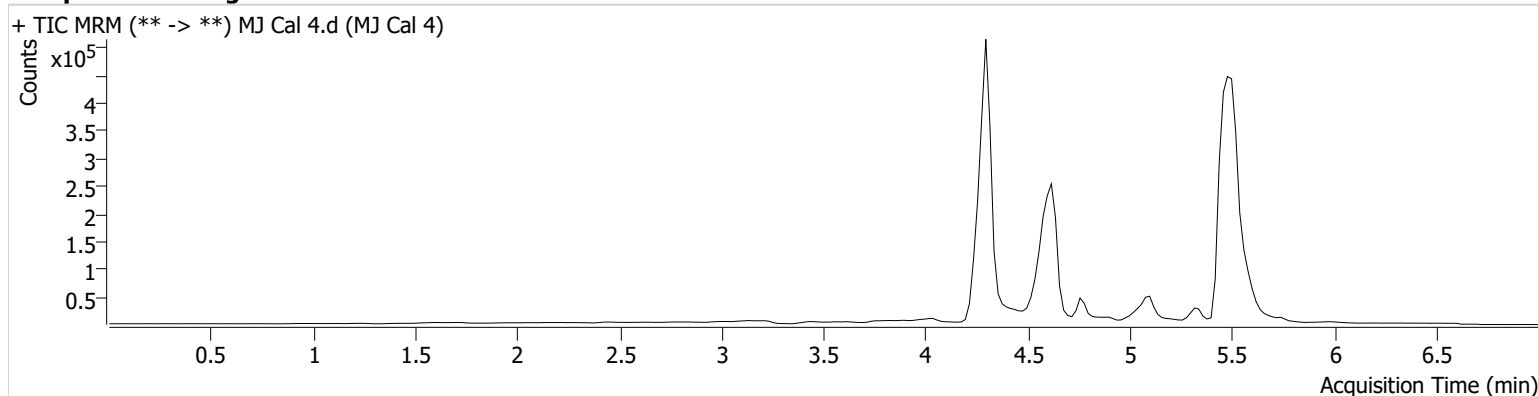
Batch results D:\MassHunter\Data\2024\AM 25 26\100124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 10/2/2024 8:02:46 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-D1
Injection Volume 10
Acq. Date-Time 10/1/2024 12:27:02 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	5.530	8859	97348	9.74 ng/ml
THC-COOH	4.616	307378	547034	51.04 ng/ml
THC-OH	4.302	44397	1859490	10.27 ng/ml



AM #26 Cannabinoids Screen Results

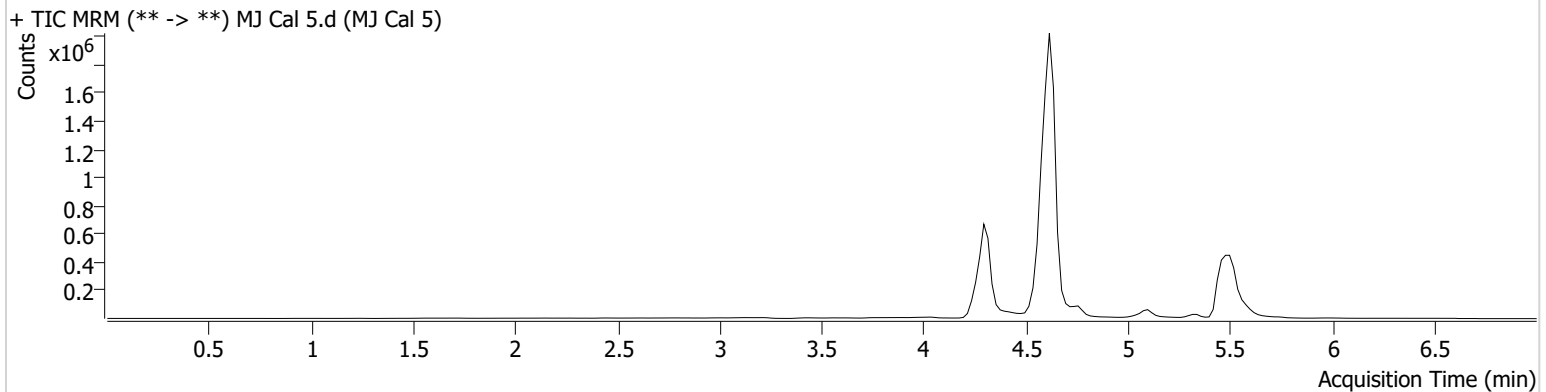
Batch results D:\MassHunter\Data\2024\AM 25 26\100124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 10/2/2024 8:02:46 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-E1
Injection Volume 10
Acq. Date-Time 10/1/2024 12:34:36 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	5.530	22031	95715	24.55 ng/ml
THC-COOH	4.616	2865025	2232602	116.45 ng/ml
THC-OH	4.322	122770	2047882	25.51 ng/ml



AM #26 Cannabinoids Screen Results

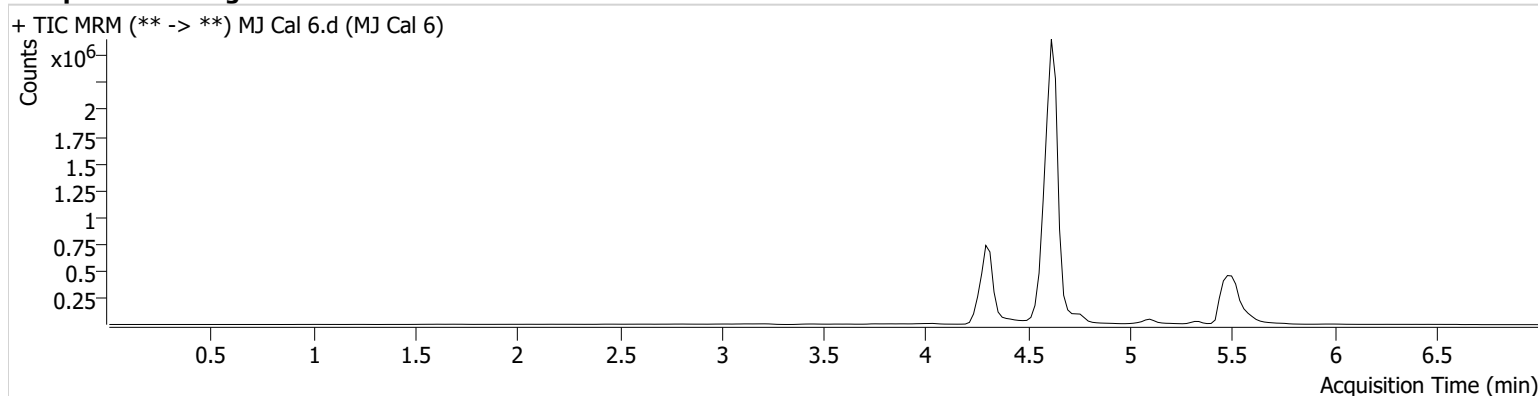
Batch results D:\MassHunter\Data\2024\AM 25 26\100124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 10/2/2024 8:02:46 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-F1
Injection Volume 10
Acq. Date-Time 10/1/2024 12:42:10 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	5.530	36593	76930	50.68 ng/ml
THC-COOH	4.616	3809153	2230543	154.93 ng/ml
THC-OH	4.322	203058	1726178	49.88 ng/ml



AM #26 Cannabinoids Screen Results

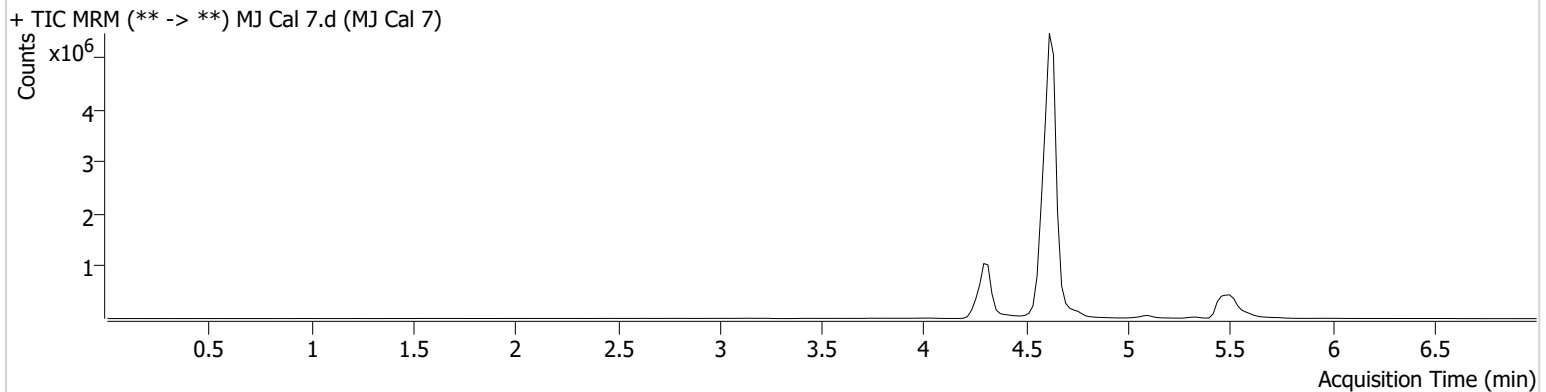
Batch results D:\MassHunter\Data\2024\AM 25 26\100124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 10/2/2024 8:02:46 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-G1
Injection Volume 10
Acq. Date-Time 10/1/2024 12:49:44 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	5.530	48501	51735	99.84 ng/ml
THC-COOH	4.616	8862257	2038946	394.18 ng/ml
THC-OH	4.322	405011	1723888	99.45 ng/ml