

Worklist: 6977

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-2586	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3888	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-4138	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-4170	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-4240	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-4256	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-4396	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-4406	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-4657	4	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3293	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3299	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3301	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3304	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3305	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3308	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3317	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3321	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3323	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3346	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3365	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3372	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

Worklist: 6977

TS

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2024-3391	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3395	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3396	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3438	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3458	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3459	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: 11/21/2024

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.
- ☒ 16. Add 50µL 1% HCl in MeOH to wells and place ACT plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
- ☒ 17. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- ☒ 18. 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	M2024-4170-1	P2024-3301-1	P2024-3365-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
B	IS + Cal. 1	M2024-4240-1	P2024-3304-1	P2024-3372-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
C	IS + Control 1	M2024-4256-3	P2024-3305-1	P2024-3391-2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
D	IS + Control 1	M2024-4396-3	P2024-3308-1	P2024-3395-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
E	Neg Blood	M2024-4406-3	P2024-3317-1	P2024-3396-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Control 1
F	M2024-2586-1	M2024-4657-4	P2024-3321-1	P2024-3438-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Control 1
G	M2024-3888-1	P2024-3293-3	P2024-3323-1	P2024-3458-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 1
H	M2024-4138-1	P2024-3299-2	P2024-3346-2	P2024-3459-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 1

All wells to contain 60 µl of residual DMSO



AM #25 Multi-Drug Screen. Results

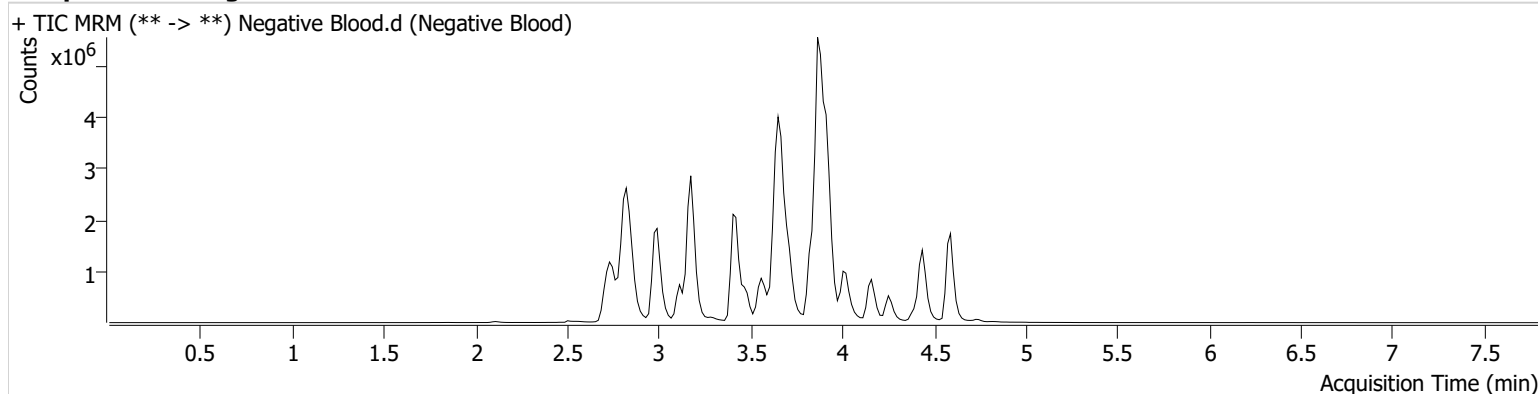
Batch results D:\MassHunter\Data\2024\AM 25 26\112124 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 11/26/2024 2:50:44 PM

Instrument Falco (069901)
Type Sample
Acq. Method AM 25 MDS.m
Sample Position P2-E1
Injection Volume 5
Acq. Date-Time 11/21/2024 5:33:11 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

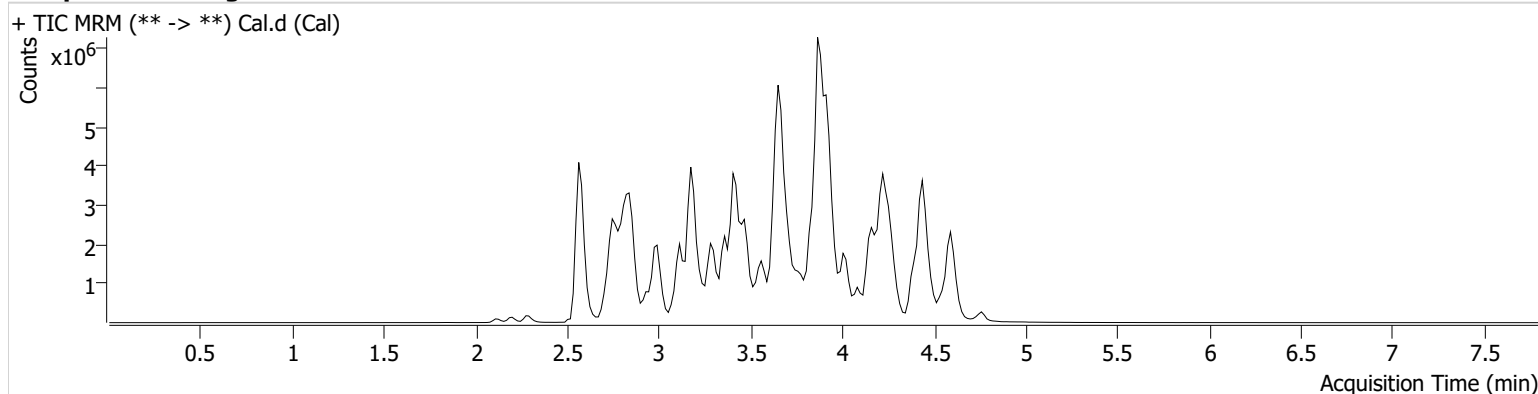
Batch results D:\MassHunter\Data\2024\AM 25 26\112124 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 11/26/2024 2:50:44 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 25 MDS.m
Sample Position P2-A1
Injection Volume 5
Acq. Date-Time 11/21/2024 5:24:37 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	3.718	607092	71.48	808.04	3011832	10.0000
6-MAM	2.729	9974	9802.26	3849.97	299973	10.0000
7-aminoclonazepam	3.485	291698	88.76	263.20	1203643	10.0000
7-aminoflunitrazepam	3.700	532232	583.64	263.98	1203643	10.0000
9-Hydroxyrisperidone	3.662	1781658	1318.47	80675.19	7359595	10.0000
Acetyl Fentanyl	3.604	106361	158.50	26839.29	7762004	10.0000
Acetyl Norfentanyl	2.768	104250	55281.78	160.28	7762004	10.0000
a-hydroxyalprazolam	4.453	57029	2775.59	15389.68	1203643	10.0000
alpha-hydroxymidazolam	4.451	432058	455.26	1116.59	1203643	10.0000
Alpha-PHP	3.626	750698	12255.83	1499.43	7762004	10.0000
alpha-PVP	3.365	1127145	1012.27	1070.39	1951646	10.0000
Alprazolam	4.548	617054	466.83	629.98	3835699	10.0000
Amitriptyline	4.258	663583	225.56	292.24	2231542	10.0000
Amphetamine	2.757	920231	906.42	1287.36	1951646	10.0000
Benzoylecgonine	3.314	22595	10251.20	669.90	128510	10.0000
Bromazepam	4.604	409968	11523.08	6869.22	3835699	10.0000
Brompheniramine	3.882	34498	3472.54	432.63	15316626	10.0000
Buprenorphine	3.939	16362	20.10	1256.65	739565	10.0000
Bupropion	3.565	818108	496.00	903.07	2592703	10.0000
Carbamazepine	4.169	1770178	2725.84	602.92	76628	10.0000
Carisoprodol	4.167	305904	101310.57	166.25	1859379	10.0000
Chlordiazepoxide	4.565	189849	513.69	117.99	3835699	10.0000
Chlorpheniramine	3.794	1834830	659.34	7.26	2826029	10.0000
Chlorpromazine	4.423	790132	769.95	3472.27	3614216	10.0000
Citalopram	3.928	837409	1158.98	423.61	15316626	10.0000
Clomipramine	4.439	1069834	51686.32	2154.01	15316626	10.0000
Clonazepam	4.377	295105	5078.38	71358.73	76628	10.0000
Clonazepam	4.296	323361	214854.95	191607.0	3835699	10.0000
Clozapine	4.005	850664	2866.73	1530.22	3147084	10.0000
Cocaethylene	3.620	916704	331314.23	45565.41	6347481	10.0000
Cocaine	3.421	1179894	7035.40	901.60	6347481	10.0000



AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Codeine	2.611	34841	9300.39	9773.33	1826674	10.0000
Cyclobenzaprine	4.181	886010	4178.59	64.18	2231542	10.0000
Desipramine	4.213	1958521	1157.04	1739.99	2231542	10.0000
Dextromethorphan	3.918	546529	588.19	491.62	2826029	10.0000
Dextrorphan	3.240	718703	2047.59	1074.11	2826029	10.0000
Diazepam	4.766	270751	880.05	1370.54	3835699	10.0000
Dihydrocodeine	2.595	114703	279.17	368.25	1826674	10.0000
Diphenhydramine	3.872	2107518	2937.16	552.37	15316626	10.0000
DMT	2.831	95211	478.99	1433.22	2826029	10.0000
Doxepin	3.978	562967	382.44	135.18	4466680	10.0000
Doxylamine	3.470	2053315	598.34	250.09	2826029	10.0000
Duloxetine	4.179	37141	12642.37	28957.16	477809	10.0000
EDDP	3.917	63133	815.70	171.65	396734	10.0000
Estazolam	4.457	926838	931.92	667.01	3835699	10.0000
Etizolam	4.559	89120	28429.35	108014.3	3835699	10.0000
				3		
Fentanyl	3.834	90037	346.66	659.41	5544084	10.0000
Flualprazolam	4.406	223335	244403.29	9230.04	3835699	10.0000
Flunitrazepam	4.485	637967	2506.48	8007.98	3835699	10.0000
Fluorofentanyl	3.864	167722	3318.40	1029.74	5544084	10.0000
Fluoxetine	4.193	1370730	980.55	339.92	2040299	10.0000
Flurazepam	3.956	788644	823.33	100847.5	3835699	10.0000
				0		
Gabapentin	2.511	1847	48.08	9.41	3147084	10.0000
Hydrocodone	2.810	349260	1313.16	257.17	1826674	10.0000
Hydromorphone	2.278	280131	2036.27	1033.37	1826674	10.0000
Hydroxyzine	4.280	842339	6376.13	11165.26	3147084	10.0000
Imipramine	4.226	1892332	477187.91	904.99	2231542	10.0000
Ketamine	3.196	869074	1222.79	358.04	2313873	10.0000
Lamotrigine	3.363	732530	2357.08	26859.01	15316626	10.0000
Levamisole	2.768	542167	1268.14	188.98	6347481	10.0000
Levetiracetam	2.558	129058	343.52	378.74	15316626	10.0000
Lorazepam	4.376	95133	620.62	168.39	3835699	10.0000
Maprotiline	4.258	494159	69.17	1688.89	2231542	10.0000
MDA	2.861	733328	325.85	1572.72	6149895	10.0000
MDEA	3.090	1055871	987.25	2036.55	6149895	10.0000
MDMA	2.937	1269518	7187.90	831.76	6149895	10.0000
Meperidine	3.441	621347	911.97	1073.08	2826029	10.0000
Meprobamate	3.613	160281	186.28	667.44	1859379	10.0000
Methadone	4.223	1517457	826.95	424.10	396734	10.0000
Methamphetamine	2.848	2881317	1266.65	772.67	6149895	10.0000
Methocarbamol	3.519	64290	179.52	276.10	396734	10.0000
Methylphenidate	3.365	2467034	1462.36	160.76	5492034	10.0000
Metoprolol	3.301	205921	766.05	1302.03	2826029	10.0000
Midazolam	4.360	177401	94779.18	194.34	3835699	10.0000
Mirtazapine	3.532	560122	962.24	2577.91	2826029	10.0000
Mitragynine	3.955	139698	92791.89	136135.2	2826029	10.0000
				9		
Morphine	2.113	61552	2200.75	415.87	49437	10.0000
Norbuprenorphine	3.678	23567	6150.15	10605.55	739565	10.0000
Nordiazepam	4.629	404687	1774.37	831.66	3835699	10.0000
Norfentanyl	3.196	1809731	2093.28	1433.36	7762004	10.0000
Norhydrocodone	2.795	14427	27.56	739.48	1826674	10.0000
Norketamine	3.181	172407	268.20	1726.48	2313873	10.0000
Normeperidine	3.458	708167	782.32	463.47	15316626	10.0000
Noroxycodone	2.747	266941	106.27	200.28	2313873	10.0000
Nortriptyline	4.259	556417	1847.97	408.67	2231542	10.0000
O-desmethyl-tramadol	2.781	1854454	2359.77	314.80	15316626	10.0000
O-desmethylvenlafaxine	3.117	402062	462.88	6133.81	1881262	10.0000
Olanzapine	3.236	137916	47832.62	1203.60	76628	10.0000
Oxazepam	4.457	332183	443.61	159.93	2047149	10.0000

Cal



AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Oxycodone	2.761	541118	232.85	947.82	2313873	10.0000
Oxymorphone	2.200	258919	54.50	289.93	1826674	10.0000
Paroxetine	4.190	173106	308.13	23190.01	2040299	10.0000
Phenazepam	4.574	540346	585.31	263148.0 3	3835699	10.0000
Phencyclidine	3.766	1507319	1204.83	394.17	2826029	10.0000
Phentermine	3.016	513576	149.86	22.15	5492034	10.0000
Phenytoin	4.075	164951	11247.16	468.69	76628	10.0000
Primidone	3.413	1410297	13123.86	976.22	76628	10.0000
Promethazine	4.149	2222392	10960.32	459.61	15316626	10.0000
Pseudoephedrine	2.573	10787026	4754.52	12417.78	6149895	10.0000
Quetiapine	4.079	1087050	3547.58	1589.70	7146579	10.0000
Risperidone	3.831	1454610	215174.98	504.98	7359595	10.0000
Sertraline	4.394	423224	177451.46	657.85	2040299	10.0000
Sufentanil	4.095	71234	56193.93	285.44	7762004	10.0000
Tapentadol	3.320	1306316	2872.72	902.99	2313873	10.0000
Temazepam	4.595	895394	871.11	137.61	3835699	10.0000
Topiramate	3.788	145210	1067.93	111.30	85289	10.0000
Tramadol	3.285	4187935	340.45	15.13	15316626	10.0000
Trazodone	3.925	1088508	1445.54	4851.64	4466680	10.0000
Venlafaxine	3.654	1799073	9031.10	488.83	1881262	10.0000
Xylazine	3.243	530159	1072.36	38.16	2313873	10.0000
Zaleplon	4.271	308973	397.81	910.41	7146579	10.0000
Zolpidem	3.652	1467101	1868.40	2175.35	7146579	10.0000
Zopiclone	3.586	131269	17999.99	677.68	653779	10.0000

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

Extraction Date: 11/21/2021

Plate lot#: 240919

Mobile phase A: 10mM Amm Form in LCMS Water

Blank Blood Lot: Lampire 24C52816

LCMS-QQQ ID: 069901

Analyst: Tamara Salazar

Plate Retest Date: 03/19/2025

Mobile phase B: 0.1% Formic acid in MeOH

Blank Urine Lot: [Click here to enter text.](#)

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
- ☒ 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- ☒ 4. 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.
- ☒ 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: 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 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.
- ☒ 16. Reconstitute in 100µL 100% MeOH and heat seal plate with foil. Place in autosampler and run worklist.

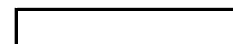
Post-Analytic

- ☒ 1. Create batch and process data.
- ☒ 2. Make any necessary integration changes, R² values ≥0.98 for each analyte
- ☒ 3. RT +/- 2% or 0.100 min, whichever is greater
- ☒ 4. Confirmation testing on case samples with a response for THC and OH-THC of 3ng/mL or greater and/or Carboxy-THC at 10ng/mL or greater (analyst discretion between 5-10ng/mL) may be pursued.
- ☒ 5. Did all QCs pass for each analyte? (if not, describe in comments section)
- ☒ 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: THC 3-100 -- calibrator 1 dropped due to accuracy

	1	2				6
A	IS + Cal. 1	IS + QC_1	M2024-4256-3	P2024-3305-1	P2024-3391-2	IS + QC_1
B	IS + Cal. 2	IS + QC_2	M2024-4396-3	P2024-3308-1	P2024-3395-1	IS + Cal. 7
C	IS + Cal. 3	Neg Blood	M2024-4406-3	P2024-3317-1	P2024-3396-1	IS + Cal. 6
D	IS + Cal. 4	M2024-2586-1	M2024-4657-4	P2024-3321-1	P2024-3438-1	IS + Cal. 5
E	IS + Cal. 5	M2024-3888-1	P2024-3293-3	P2024-3323-1	P2024-3458-1	IS + Cal. 4
F	IS + Cal. 6	M2024-4138-1	P2024-3299-2	P2024-3346-2	P2024-3459-1	IS + Cal. 3
G	IS + Cal. 7	M2024-4170-1	P2024-3301-1	P2024-3365-1	IS + QC_2	IS + Cal. 2
H	IS + QC_1	M2024-4240-1	P2024-3304-1	P2024-3372-1	IS + QC_1	IS + Cal. 1

All wells to contain 100 µl of residual DMSO





AM #26 Cannabinoids Screen Results

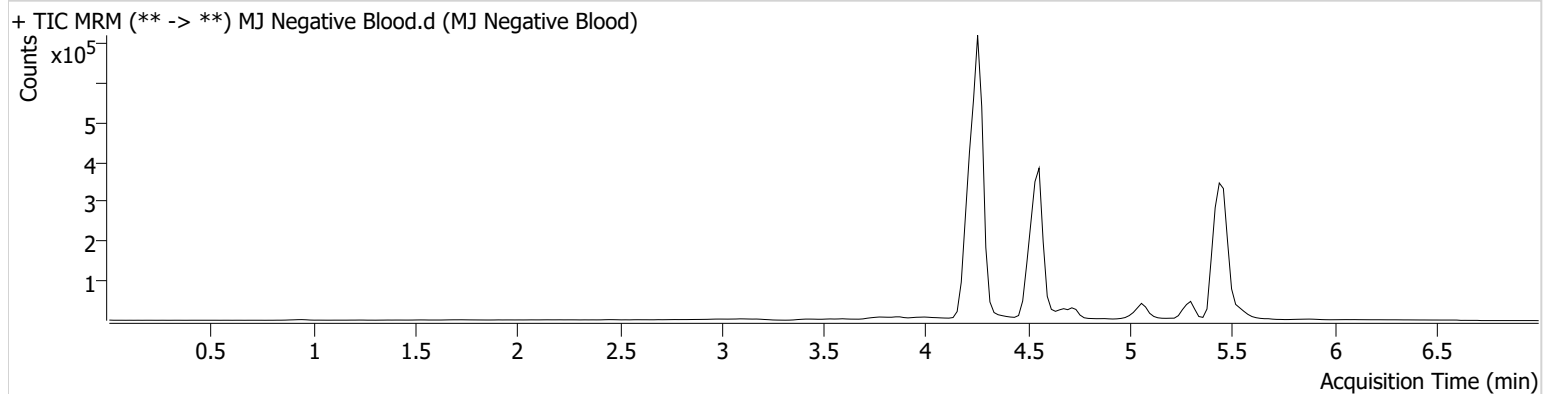
Batch results D:\MassHunter\Data\2024\AM 25 26\112124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/22/2024 7:52:35 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P1-C2
Injection Volume 10
Acq. Date-Time 11/21/2024 12:55:15 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

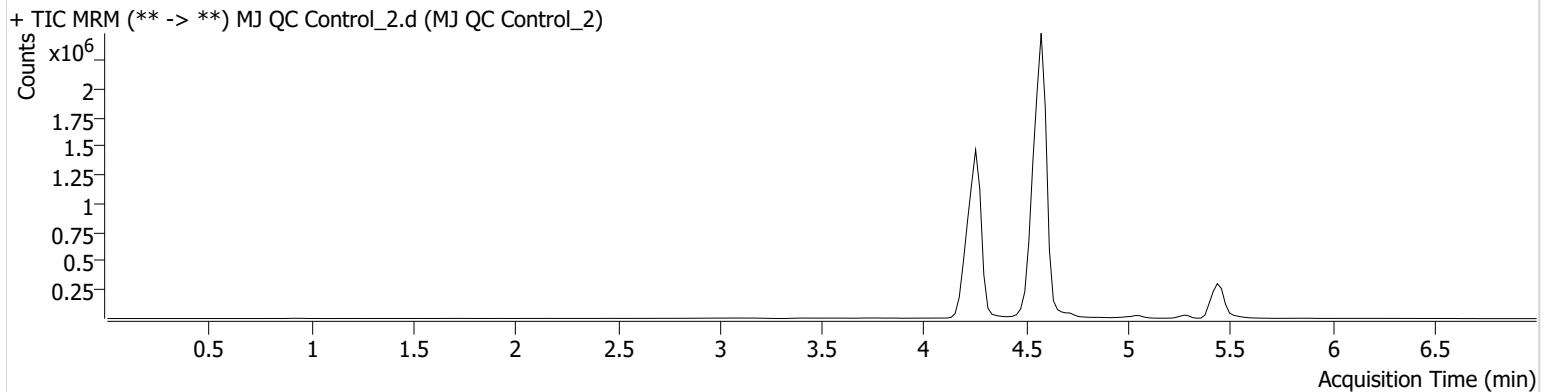
Batch results D:\MassHunter\Data\2024\AM 25 26\112124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/22/2024 7:52:35 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-B2
Injection Volume 10
Acq. Date-Time 11/21/2024 4:50:02 PM
Sample Info.

Data File MJ QC Control_2.d
Sample MJ QC Control_2
Operator Tamara Salazar
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.469	67930	77704	115.78 ng/ml
THC-COOH	4.576	3966727	1138774	250.99 ng/ml
THC-OH	4.262	548506	2562400	96.33 ng/ml



AM #26 Cannabinoids Screen Results

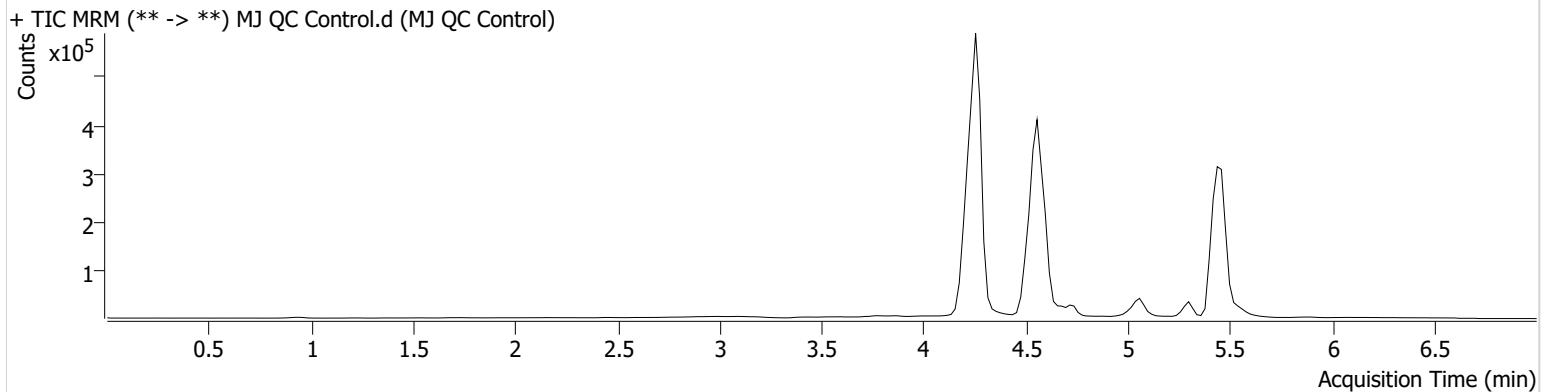
Batch results D:\MassHunter\Data\2024\AM 25 26\112124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/22/2024 7:52:35 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-H1
Injection Volume 10
Acq. Date-Time 11/21/2024 12:40:06 PM
Sample Info.

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

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Sample Chromatogram



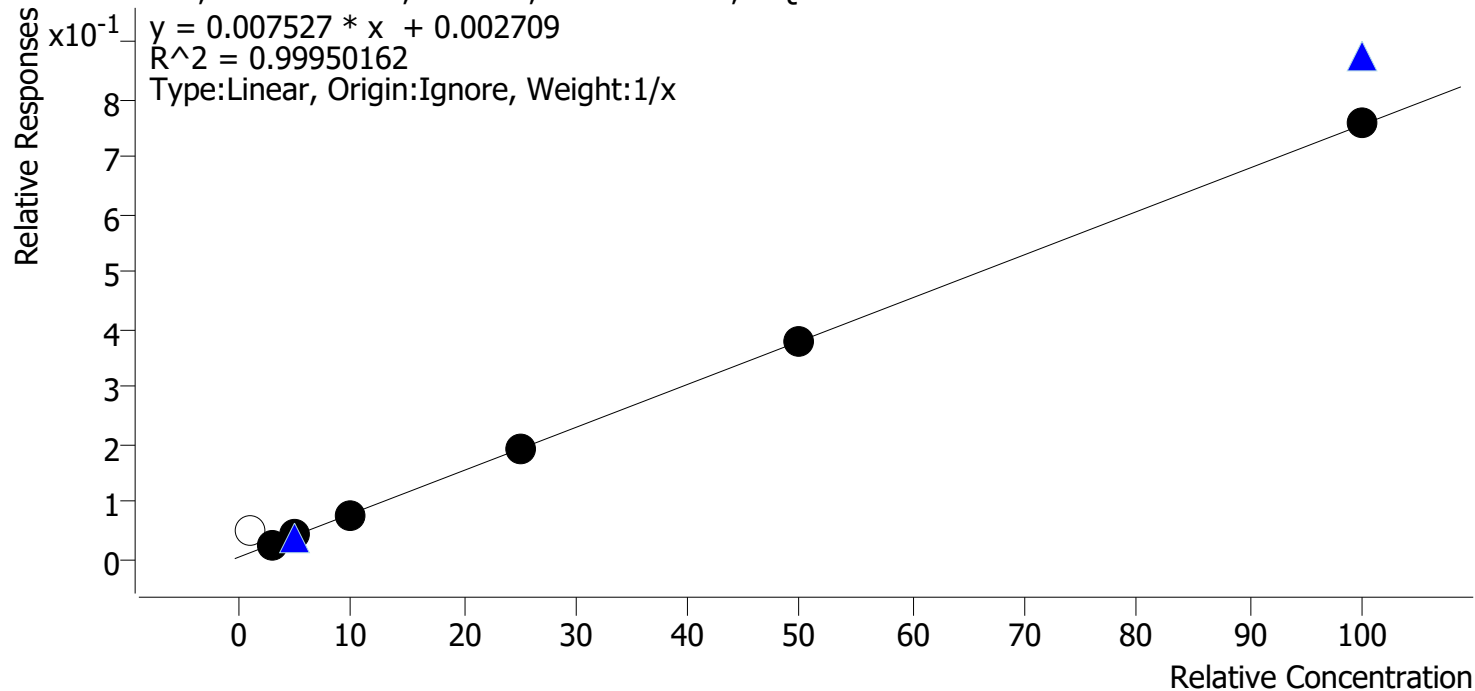
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.449	3956	108884	4.47 ng/ml
THC-COOH	4.576	289873	1359866	15.96 ng/ml
THC-OH	4.282	30105	2517860	4.97 ng/ml



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\112124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 11/22/2024 7:52 AM
Analyst Name ISP\Datastor
Analyte THC **Internal Standard** THC-D3

THC - 7 Levels, 6 Levels Used, 7 Points, 6 Points Used, 2 QCs



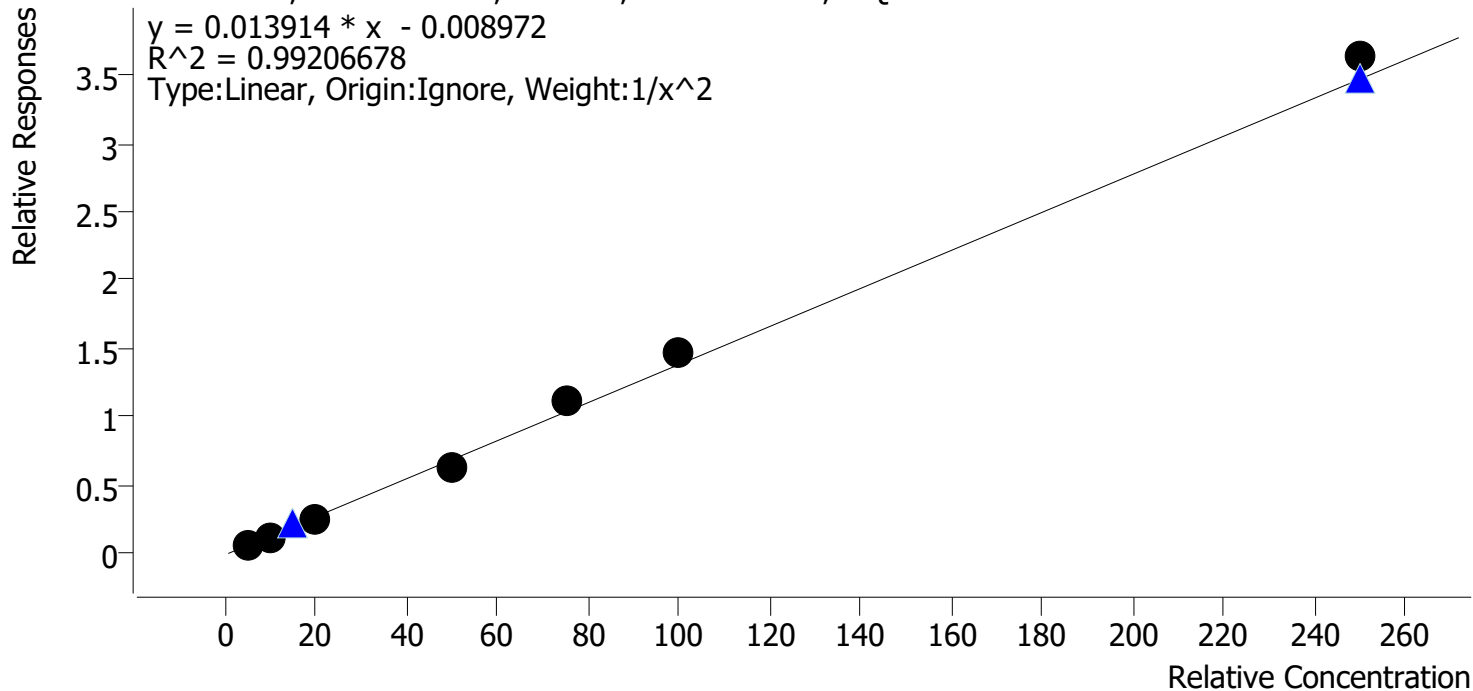
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	x	1.0	6.2	622.9
MJ Cal 2	2	✓	3.0	2.9	95.5
MJ Cal 3	3	✓	5.0	5.5	109.0
MJ Cal 4	4	✓	10.0	9.6	96.3
MJ Cal 5	5	✓	25.0	24.9	99.4
MJ Cal 6	6	✓	50.0	49.5	99.0
MJ Cal 7	7	✓	100.0	100.7	100.7



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\112124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 11/22/2024 7:52 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



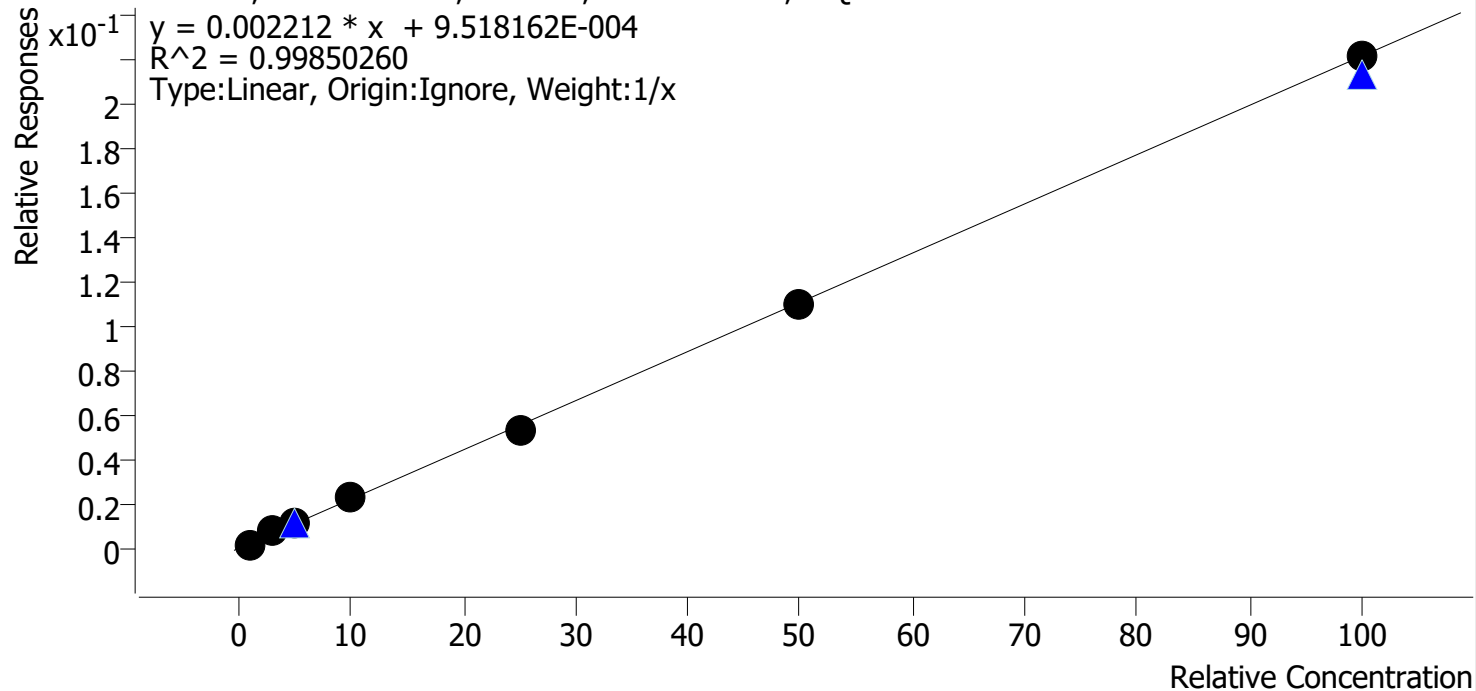
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	5.3	105.1
MJ Cal 2	2	✓	10.0	9.5	94.8
MJ Cal 3	3	✓	20.0	17.9	89.4
MJ Cal 4	4	✓	50.0	46.5	92.9
MJ Cal 5	5	✓	75.0	80.1	106.8
MJ Cal 6	6	✓	100.0	106.3	106.3
MJ Cal 7	7	✓	250.0	261.8	104.7



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\112124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 11/22/2024 7:52 AM
Analyst Name ISP\Datastor
Analyte THC-OH **Internal Standard** THC-OH-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	0.7	72.7
MJ Cal 2	2	✓	3.0	3.5	116.8
MJ Cal 3	3	✓	5.0	5.4	109.0
MJ Cal 4	4	✓	10.0	10.5	105.2
MJ Cal 5	5	✓	25.0	24.3	97.2
MJ Cal 6	6	✓	50.0	49.6	99.2
MJ Cal 7	7	✓	100.0	99.9	99.9



AM #26 Cannabinoids Screen Results

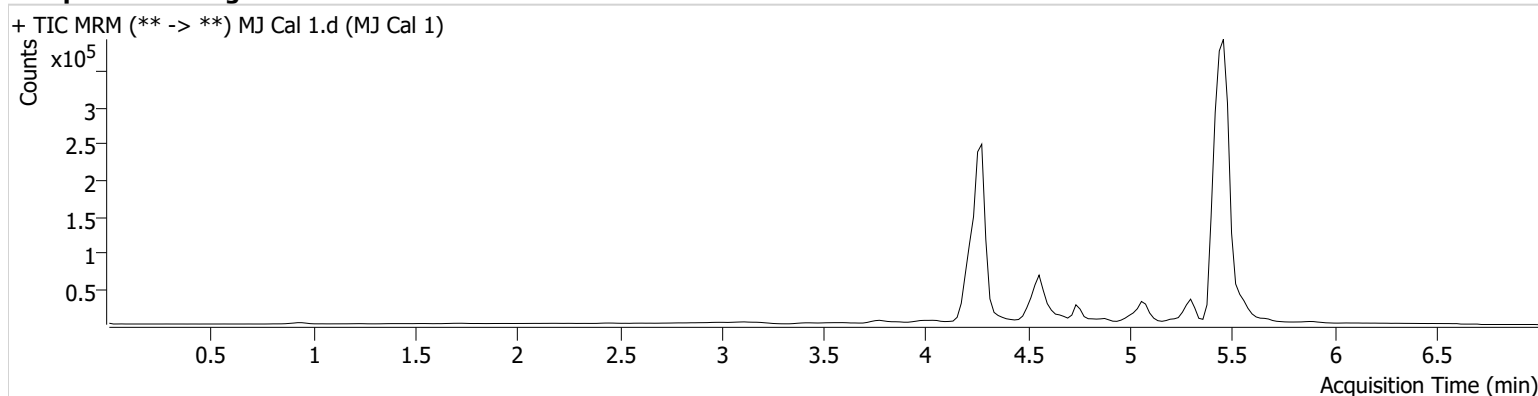
Batch results D:\MassHunter\Data\2024\AM 25 26\112124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/22/2024 7:52:35 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-A1
Injection Volume 10
Acq. Date-Time 11/21/2024 11:46:55 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	5.489	8877	178994	6.23 ng/ml
THC-COOH	4.596	16517	257503	5.25 ng/ml
THC-OH	4.282	2985	1165623	0.73 ng/ml Low



AM #26 Cannabinoids Screen Results

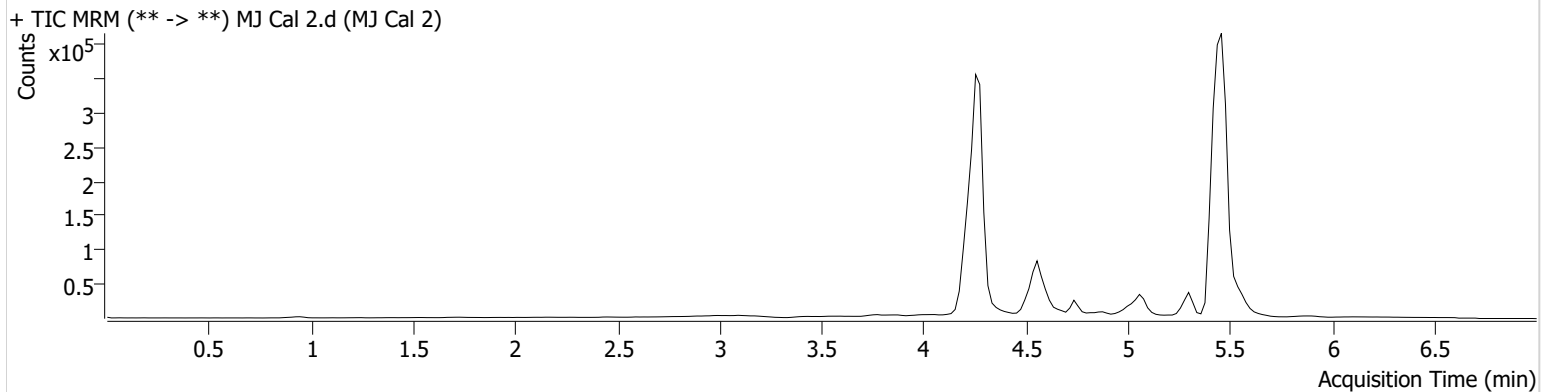
Batch results D:\MassHunter\Data\2024\AM 25 26\112124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/22/2024 7:52:35 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-B1
Injection Volume 10
Acq. Date-Time 11/21/2024 11:54:40 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	5.489	3827	157613	2.87 ng/ml Low
THC-COOH	4.596	35702	290446	9.48 ng/ml
THC-OH	4.282	13884	1595561	3.50 ng/ml



AM #26 Cannabinoids Screen Results

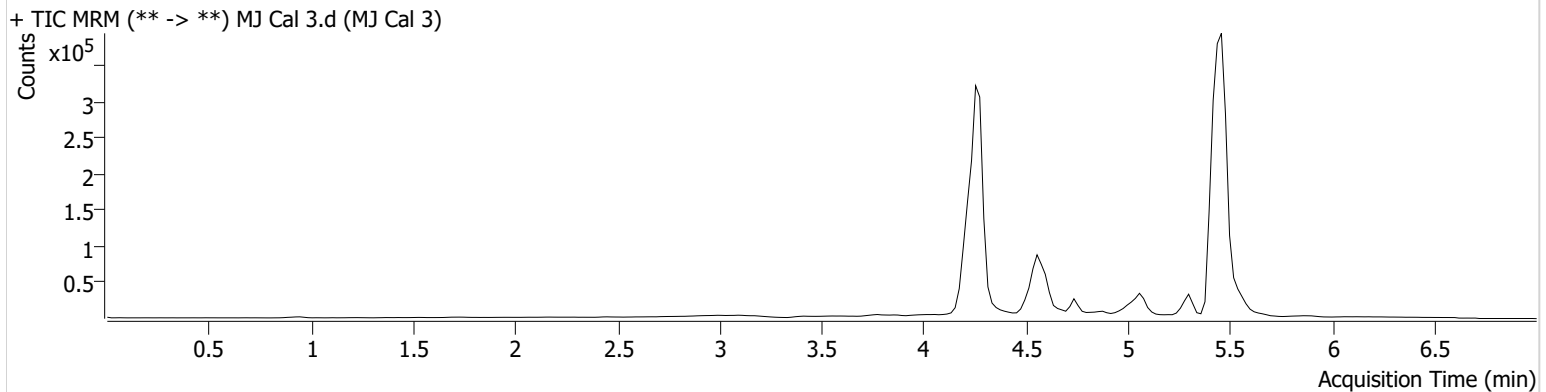
Batch results D:\MassHunter\Data\2024\AM 25 26\112124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/22/2024 7:52:35 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-C1
Injection Volume 10
Acq. Date-Time 11/21/2024 12:02:14 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	5.469	5529	126412	5.45 ng/ml
THC-COOH	4.596	64211	267708	17.88 ng/ml
THC-OH	4.282	18195	1398797	5.45 ng/ml



AM #26 Cannabinoids Screen Results

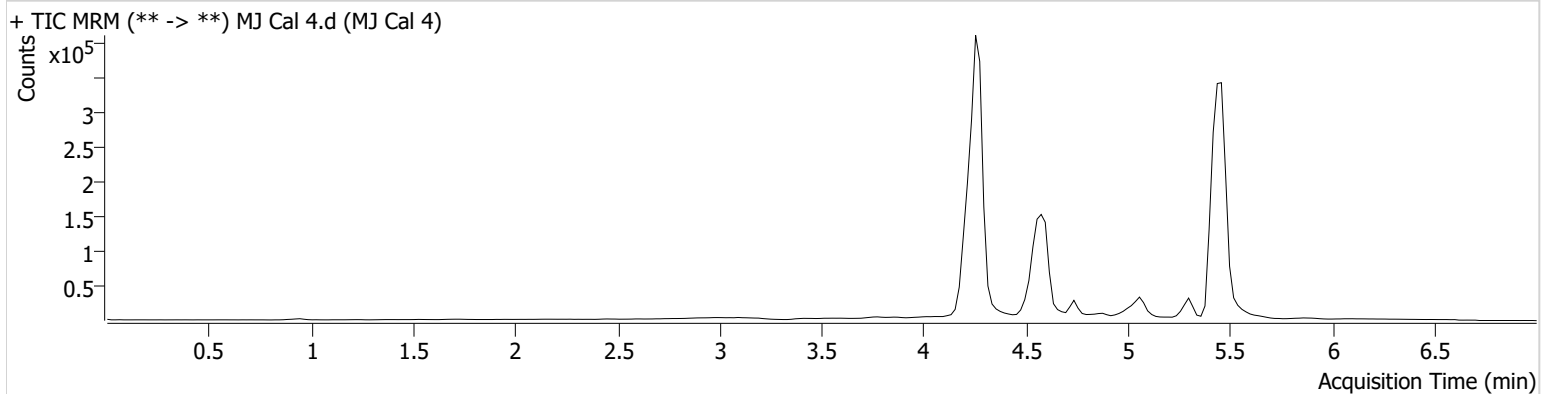
Batch results D:\MassHunter\Data\2024\AM 25 26\112124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/22/2024 7:52:35 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-D1
Injection Volume 10
Acq. Date-Time 11/21/2024 12:09:48 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	5.469	9337	124161	9.63 ng/ml
THC-COOH	4.596	194749	305448	46.47 ng/ml
THC-OH	4.282	39162	1617102	10.52 ng/ml



AM #26 Cannabinoids Screen Results

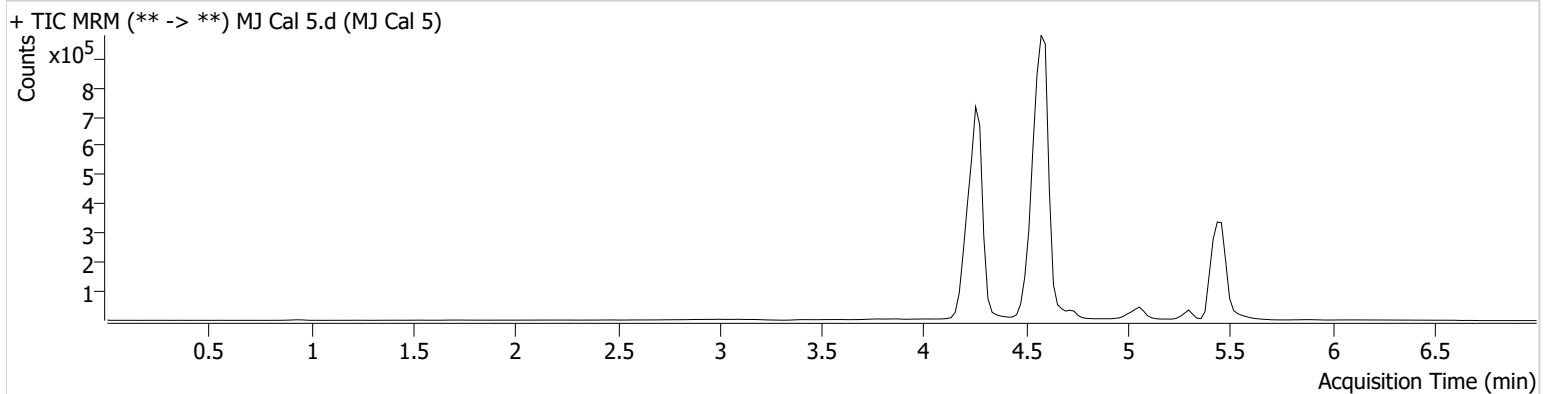
Batch results D:\MassHunter\Data\2024\AM 25 26\112124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/22/2024 7:52:35 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-E1
Injection Volume 10
Acq. Date-Time 11/21/2024 12:17:22 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	5.449	21062	110959	24.86 ng/ml
THC-COOH	4.596	1519905	1375049	80.09 ng/ml
THC-OH	4.282	139902	2555966	24.31 ng/ml



AM #26 Cannabinoids Screen Results

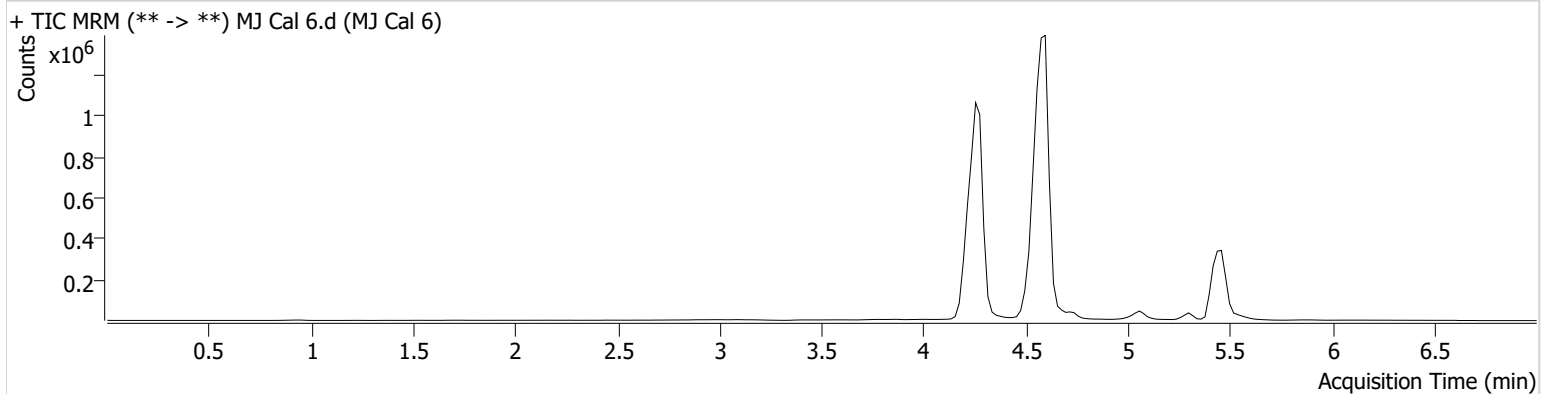
Batch results D:\MassHunter\Data\2024\AM 25 26\112124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/22/2024 7:52:35 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-F1
Injection Volume 10
Acq. Date-Time 11/21/2024 12:24:56 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	5.449	40584	108121	49.51 ng/ml
THC-COOH	4.596	2201057	1497801	106.26 ng/ml
THC-OH	4.282	308958	2790435	49.62 ng/ml



AM #26 Cannabinoids Screen Results

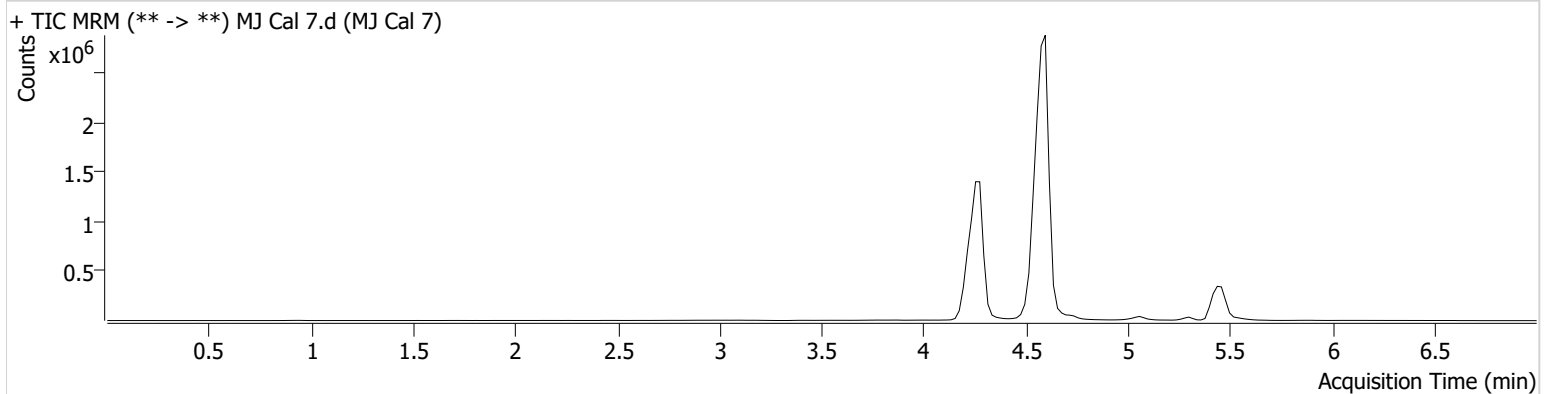
Batch results D:\MassHunter\Data\2024\AM 25 26\112124 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/22/2024 7:52:35 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-G1
Injection Volume 10
Acq. Date-Time 11/21/2024 12:32:31 PM
Sample Info.

Data File MJ Cal 7.d
Sample MJ Cal 7
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	5.449	81280	106864	100.69 ng/ml
THC-COOH	4.596	4816173	1325464	261.79 ng/ml
THC-OH	4.282	556977	2509894	99.88 ng/ml