

Worklist: 6965

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-3974	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-4156	1	COBCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-4294	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1610	4	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2839	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2849	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2853	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2854	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3043	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3136	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3156	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3163	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3164	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3168	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3169	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3239	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3244	4	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3245	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3254	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3256	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3257	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

Worklist: 6965

TS

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2024-3261	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3262	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3263	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3264	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3265	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-3288	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: 11/04/2024

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: Buprenorphine not evaluated due to poor peak shape.

	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	P2024-3288-1	P2024-3254-1	P2024-3156-1	M2024-4294-2
B	IS + Cal. 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-3265-1	P2024-3245-1	P2024-3136-1	M2024-4156-1
C	IS + Control 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-3264-1	P2024-3244-4	P2024-3043-1	M2024-3974-2
D	IS + Control 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-3263-1	P2024-3239-1	P2024-2854-1	Neg Blood
E	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-3262-1	P2024-3169-1	P2024-2853-2	IS + Control 1
F	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-3261-1	P2024-3168-2	P2024-2849-1	IS + Control 1
G	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-3257-1	P2024-3164-1	P2024-2839-1	IS + Cal. 1
H	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-3256-1	P2024-3163-1	P2024-1610-4	IS + Cal. 1

All wells to contain 60 µl of residual DMSO



AM #25 Multi-Drug Screen. Results

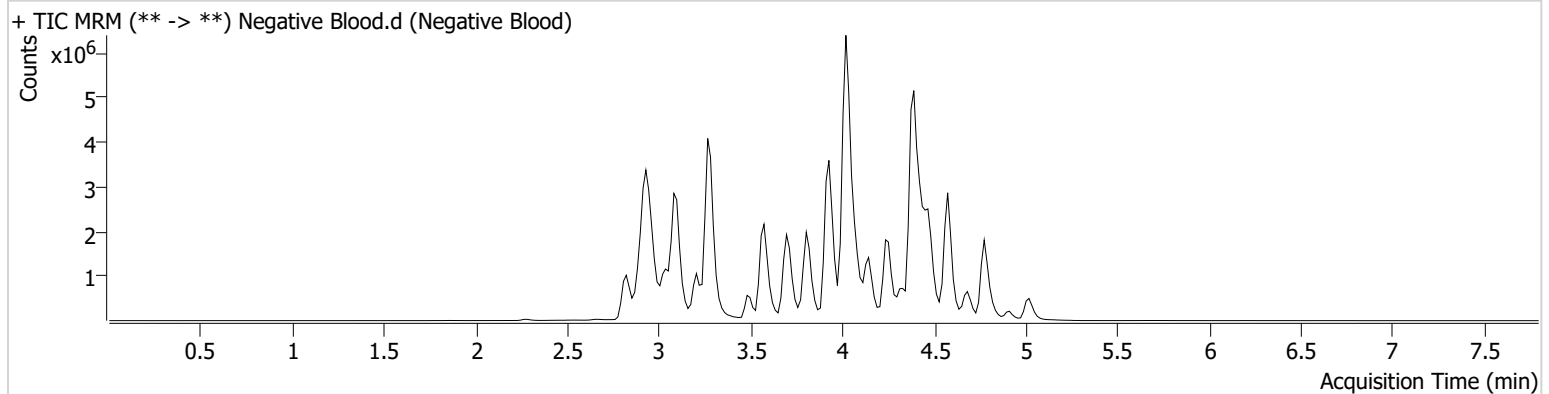
Batch results D:\MassHunter\Data\2024\AM 25 26\110424 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 11/6/2024 2:43:05 PM

Instrument Falco (069901)
Type Sample
Acq. Method AM 25 MDS.m
Sample Position P2-D12
Injection Volume 5
Acq. Date-Time 11/4/2024 6:37:56 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

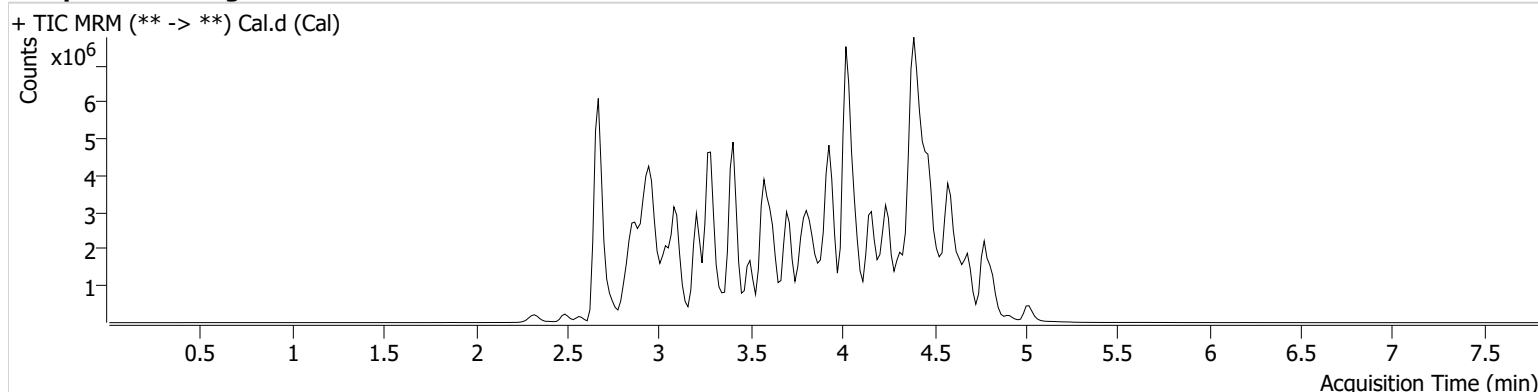
Batch results D:\MassHunter\Data\2024\AM 25 26\110424 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 11/6/2024 2:43:05 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 25 MDS.m
Sample Position P2-H12
Injection Volume 5
Acq. Date-Time 11/4/2024 6:29:20 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	1094278	186.70	760.81	5351208	10.0000
6-MAM	2.943	22062	9186.95	6239.58	503001	10.0000
7-aminoclonazepam	3.500	329574	4308.38	149.22	1380181	10.0000
7-aminoflunitrazepam	3.700	705726	1764.14	383.98	1380181	10.0000
9-Hydroxyrisperidone	3.939	2612110	1223056.09	32158.44	11192543	10.0000
Acetyl Fentanyl	4.021	111070	87935.16	4568.93	11570205	10.0000
Acetyl Norfentanyl	2.859	155900	11838.83	231.32	11570205	10.0000
a-hydroxyalprazolam	4.437	112135	2016.70	69959.92	1380181	10.0000
alpha-hydroxymidazolam	4.513	740555	751.09	484882.69	1380181	10.0000
Alpha-PHP	3.873	1124419	11170.22	957.35	11570205	10.0000
alpha-PVP	3.582	1341863	4315.49	363.73	3032372	10.0000
Alprazolam	4.532	848975	992.46	863.82	5360132	10.0000
Amitriptyline	4.474	442118	137.53	100.07	1920032	10.0000
Amphetamine	2.864	1391846	6049.83	175.27	3032372	10.0000
Benzoyllecgonine	3.314	40986	18160.06	42.93	175320	10.0000
Bromazolam	4.589	526650	5039.52	33177.53	5360132	10.0000
Brompheniramine	4.037	32175	476.63	203.71	16544644	10.0000
Buprenorphine	5.030	277653	525.88	1199.08	1260783	10.0000
Bupropion	3.843	1566937	1148.16	1944.70	5410165	10.0000
Carbamazepine	4.168	2988852	∞	473.41	91104	10.0000
Carisoprodol	4.152	509001	748.31	90.56	2791241	10.0000
Chlordiazepoxide	4.657	341726	1072.59	64.80	5360132	10.0000
Chlorpheniramine	3.948	2177164	11533.66	22.01	3377585	10.0000
Chlorpromazine	4.700	441603	2847.97	167.89	2181146	10.0000
Citalopram	4.051	1073456	564.32	319.33	16544644	10.0000
Clomipramine	4.685	711155	1742.97	5869.28	16544644	10.0000
Clonazepam	4.362	449364	2346.96	335.97	91104	10.0000
Clonazepam	4.281	402277	136509.07	61180.04	5360132	10.0000
Clozapine	4.483	1424067	2110.21	17545.75	5409310	10.0000
Cocaehtylene	3.790	1407565	534185.48	33017.62	6300956	10.0000
Cocaine	3.575	1350067	406969.02	309.07	6300956	10.0000



AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Codeine	2.870	130662	550.32	594.15	2855836	10.0000
Cyclobenzaprine	4.367	701133	466.39	245.76	1920032	10.0000
Desipramine	4.367	1355701	42947.94	374.70	1920032	10.0000
Dextromethorphan	4.089	679687	443.72	135775.4 0	3377585	10.0000
Dextrophan	3.348	874796	486.58	626.60	3377585	10.0000
Diazepam	4.766	285432	410.21	910.37	5360132	10.0000
Dihydrocodeine	2.747	361545	842.20	1500.11	2855836	10.0000
Diphenhydramine	4.027	2196577	1742.78	397.15	16544644	10.0000
DMT	2.938	104714	797.76	452.92	3377585	10.0000
Doxepin	4.180	727216	1314.28	334.43	6082056	10.0000
Doxylamine	3.624	2775531	472.28	6907803. 69	3377585	10.0000
Duloxetine	4.318	23439	5744.42	2340.99	282153	10.0000
EDDP	4.040	84379	89.77	38.80	460732	10.0000
Estazolam	4.442	1622243	774.55	1650.62	5360132	10.0000
Etizolam	4.544	118820	78310.40	6048.77	5360132	10.0000
Fentanyl	4.251	104528	138.17	10919.74	6185880	10.0000
Flualprazolam	4.391	277968	1795.19	225243.6 5	5360132	10.0000
Flunitrazepam	4.485	752335	903.51	157532.9 0	5360132	10.0000
Fluorofentanyl	4.312	182693	277.97	757.83	6185880	10.0000
Fluoxetine	4.317	720652	745.26	153.78	928069	10.0000
Flurazepam	4.311	989772	418743.72	242.78	5360132	10.0000
Gabapentin	2.420	2915	14.26	6.20	5409310	10.0000
Hydrocodone	3.069	533981	629.89	451.43	2855836	10.0000
Hydromorphone	2.490	389912	404.19	540.88	2855836	10.0000
Hydroxyzine	4.588	1164261	3937.87	692.20	5409310	10.0000
Imipramine	4.412	1607709	1255.99	552.36	1920032	10.0000
Ketamine	3.719	1274983	4040.17	223.84	3626880	10.0000
Lamotrigine	3.579	791402	995.16	1008.89	16544644	10.0000
Levamisole	3.013	936925	24787.28	292.75	6300956	10.0000
Levetiracetam	2.573	294036	262.59	195.16	16544644	10.0000
Lorazepam	4.361	146888	825.97	245.31	5360132	10.0000
Maprotiline	4.459	239715	64.71	4766.91	1920032	10.0000
MDA	2.968	908448	370.67	363.42	7968000	10.0000
MDEA	3.198	1317660	321.41	992.68	7968000	10.0000
MDMA	3.060	1588015	23907.80	684.64	7968000	10.0000
Meperidine	3.626	810798	194.34	131617.4 0	3377585	10.0000
Meprobamate	3.613	178255	308.18	841.87	2791241	10.0000
Methadone	4.363	1584784	6679.62	108.75	460732	10.0000
Methamphetamine	2.970	3631724	637.38	344.46	7968000	10.0000
Methocarbamol	3.519	80845	55.41	146.20	460732	10.0000
Methylphenidate	3.504	2506276	2047.06	286.90	7582546	10.0000
Metoprolol	3.393	280885	401.60	677.35	3377585	10.0000
Midazolam	4.683	226296	2630.86	113205.8 7	5360132	10.0000
Mirtazapine	4.229	1354548	2105.76	445994.6 6	3377585	10.0000
Mitragynine	4.294	133319	64707.07	98533.84	3377585	10.0000
Morphine	2.309	92819	162.01	356.23	77089	10.0000
Norbuprenorphine	3.831	35857	23294.32	4826.05	1260783	10.0000
Nordiazepam	4.629	462351	743.53	413.39	5360132	10.0000
Norfentanyl	3.288	2626709	704.14	91.27	11570205	10.0000
Norhydrocodone	2.902	8703	163.98	2604.40	2855836	10.0000
Norketamine	3.829	247236	561.58	2048.09	3626880	10.0000
Normeperidine	3.581	562718	704.92	177.35	16544644	10.0000
Noroxycodone	2.839	487635	∞	244.33	3626880	10.0000
Nortriptyline	4.399	352567	936.69	189.11	1920032	10.0000



AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
O-desmethyl-tramadol	2.873	2688440	1330.77	214.40	16544644	10.0000
O-desmethylvenlafaxine	3.209	575927	412.01	4828.20	2561610	10.0000
Olanzapine	3.914	219652	106259.52	700.35	91104	10.0000
Oxazepam	4.442	614302	444.77	166.91	4121827	10.0000
Oxycodone	2.914	782181	545.96	456.21	3626880	10.0000
Oxymorphone	2.336	320636	∞	10294.02	2855836	10.0000
Paroxetine	4.329	113552	93.41	12080.09	928069	10.0000
Phenazepam	4.559	687462	185644.46	165796.5 4	5360132	10.0000
Phencyclidine	3.889	1649087	703.29	853.87	3377585	10.0000
Phentermine	3.123	708913	235.74	21.40	7582546	10.0000
Phenytoin	4.058	197618	591.47	497.82	91104	10.0000
Primidone	3.413	2903272	1727.77	957.63	91104	10.0000
Promethazine	4.411	2015290	47225.10	558.30	16544644	10.0000
Pseudoephedrine	2.679	17761143	1471.66	456.92	7968000	10.0000
Quetiapine	4.633	1706353	882956.73	341999.0 5	13501423	10.0000
Risperidone	4.171	2200914	555488.88	357.69	11192543	10.0000
Sertraline	4.564	180534	7571.98	665.59	928069	10.0000
Sufentanil	4.695	79295	680.26	220.23	11570205	10.0000
Tapentadol	3.413	1693496	654.51	1528.65	3626880	10.0000
Temazepam	4.595	1171627	2352.61	58.80	5360132	10.0000
Topiramate	3.788	168840	76287.64	99773.62	105700	10.0000
Tramadol	3.393	5289813	∞	195.11	16544644	10.0000
Trazodone	4.818	1572784	14060.59	16296.42	6082056	10.0000
Venlafaxine	3.778	2412678	37074.32	292.73	2561610	10.0000
Xylazine	3.397	738452	560.00	87.12	3626880	10.0000
Zaleplon	4.255	771847	∞	656.63	13501423	10.0000
Zolpidem	4.394	2711677	2211.16	1798.36	13501423	10.0000
Zopiclone	4.326	257304	155730.31	1732.20	1383842	10.0000

*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: 11/04/2024

Plate lot#: 240919

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: 03/19/2025

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: Wrong plate position noted for negative control sample. The plate position was corrected and the run continued without further issue.

Analytical plate map

TS

	1	2				6
A	IS + Cal. 1	IS + QC_1	P2024-2849-1	P2024-3168-2	P2024-3261-1	IS + QC_1
B	IS + Cal. 2	IS + QC_2	P2024-2853-2	P2024-3169-1	P2024-3262-1	IS + Cal. 7
C	IS + Cal. 3	Neg Blood	P2024-2854-1	P2024-3239-1	P2024-3263-1	IS + Cal. 6
D	IS + Cal. 4	M2024-3974-2	P2024-3043-1	P2024-3244-4	P2024-3264-1	IS + Cal. 5
E	IS + Cal. 5	M2024-4156-1	P2024-3136-1	P2024-3245-1	P2024-3265-1	IS + Cal. 4
F	IS + Cal. 6	M2024-4294-2	P2024-3156-1	P2024-3254-1	P2024-3288-1	IS + Cal. 3
G	IS + Cal. 7	P2024-1610-4	P2024-3163-1	P2024-3256-1	IS + QC_2	IS + Cal. 2
H	IS + QC_1	P2024-2839-1	P2024-3164-1	P2024-3257-1	IS + QC_1	IS + Cal. 1

All wells to contain 100 µl of residual DMSO

SLE plate map

TS

	1	2				6
A	IS + Cal. 1	IS + QC_1	P2024-2849-1	P2024-3168-2	P2024-3261-1	P2024-3288-1
B	IS + Cal. 2	IS + QC_2	P2024-2853-2	P2024-3169-1	P2024-3262-1	
C	IS + Cal. 3	Neg Blood	P2024-2854-1	P2024-3239-1	P2024-3263-1	
D	IS + Cal. 4	M2024-3974-2*	P2024-3043-1	P2024-3244-4	P2024-3264-1	
E	IS + Cal. 5	M2024-4156-1	P2024-3136-1	P2024-3245-1	P2024-3265-1	
F	IS + Cal. 6	M2024-4294-2	P2024-3156-1	P2024-3254-1	P2024-3288-1*	
G	IS + Cal. 7	P2024-1610-4	P2024-3163-1	P2024-3256-1	M2024-3974-2	
H	IS + QC_1	P2024-2839-1	P2024-3164-1*	P2024-3257-1	P2024-3164-1	

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





AM #26 Cannabinoids Screen Results

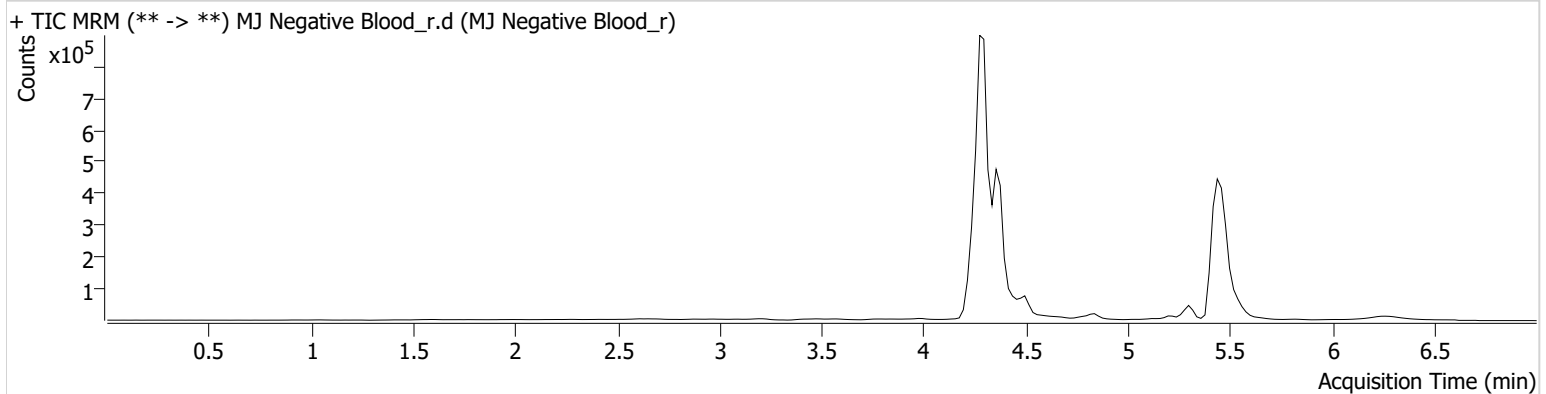
Batch results D:\MassHunter\Data\2024\AM 25 26\110424 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/5/2024 7:45:08 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P1-C2
Injection Volume 10
Acq. Date-Time 11/4/2024 2:22:46 PM
Sample Info.

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

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Sample Chromatogram





AM #26 Cannabinoids Screen Results

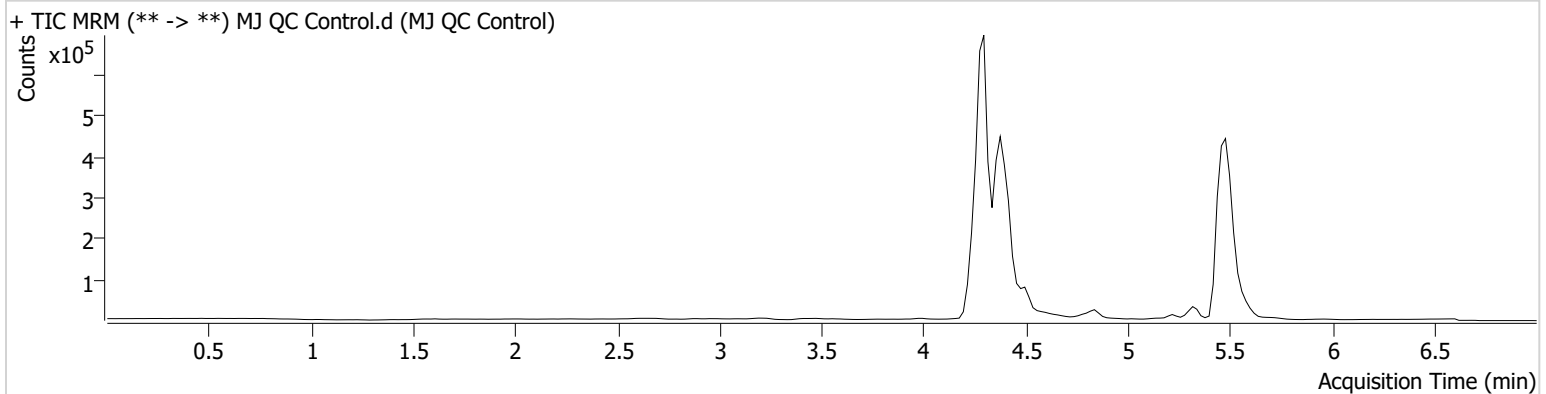
Batch results D:\MassHunter\Data\2024\AM 25 26\110424 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/5/2024 7:45:08 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-H1
Injection Volume 10
Acq. Date-Time 11/4/2024 1:51:56 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	5.469	5145	145431	4.79 ng/ml
THC-COOH	4.396	378541	1239388	15.85 ng/ml
THC-OH	4.302	32791	2808844	5.25 ng/ml



AM #26 Cannabinoids Screen Results

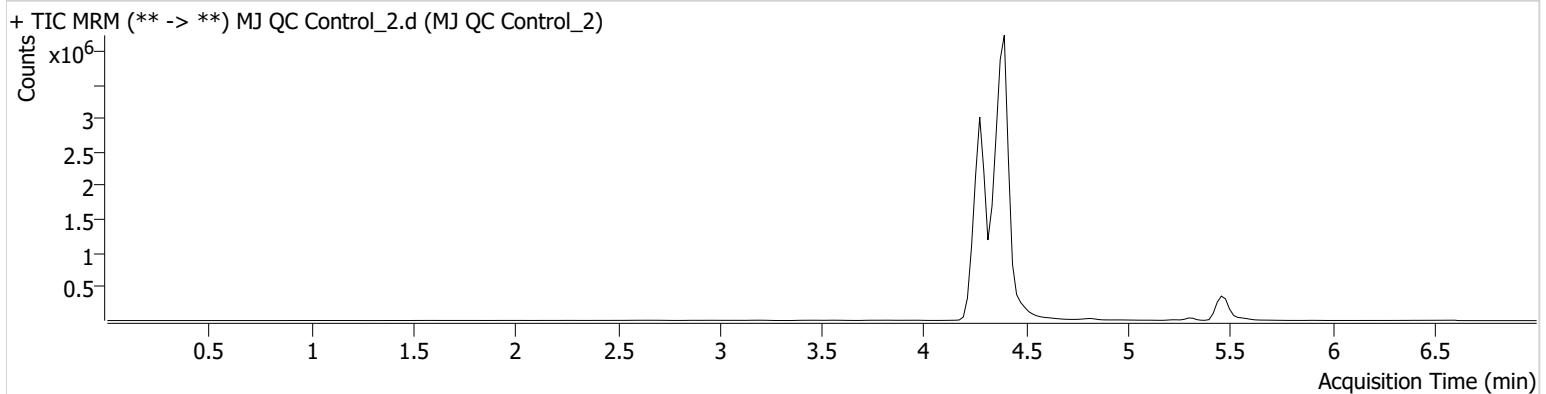
Batch results D:\MassHunter\Data\2024\AM 25 26\110424 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/5/2024 7:45:08 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-B2
Injection Volume 10
Acq. Date-Time 11/4/2024 5:54:48 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



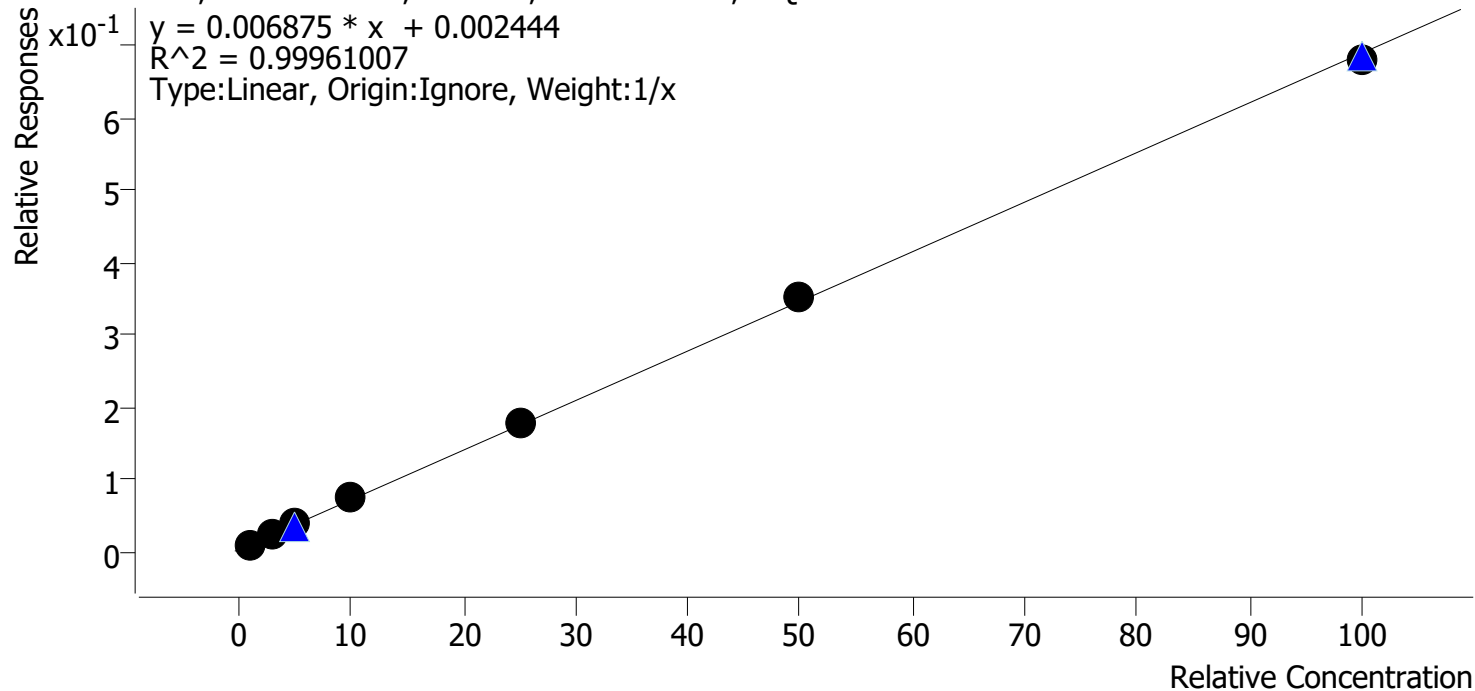
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.489	61373	89596	99.28 ng/ml
THC-COOH	4.396	7321687	1699577	209.49 ng/ml
THC-OH	4.282	926329	4258206	97.32 ng/ml



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\110424 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 11/5/2024 7:45 AM
Analyst Name ISP\Datastor
Analyte THC **Internal Standard** THC-D3

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



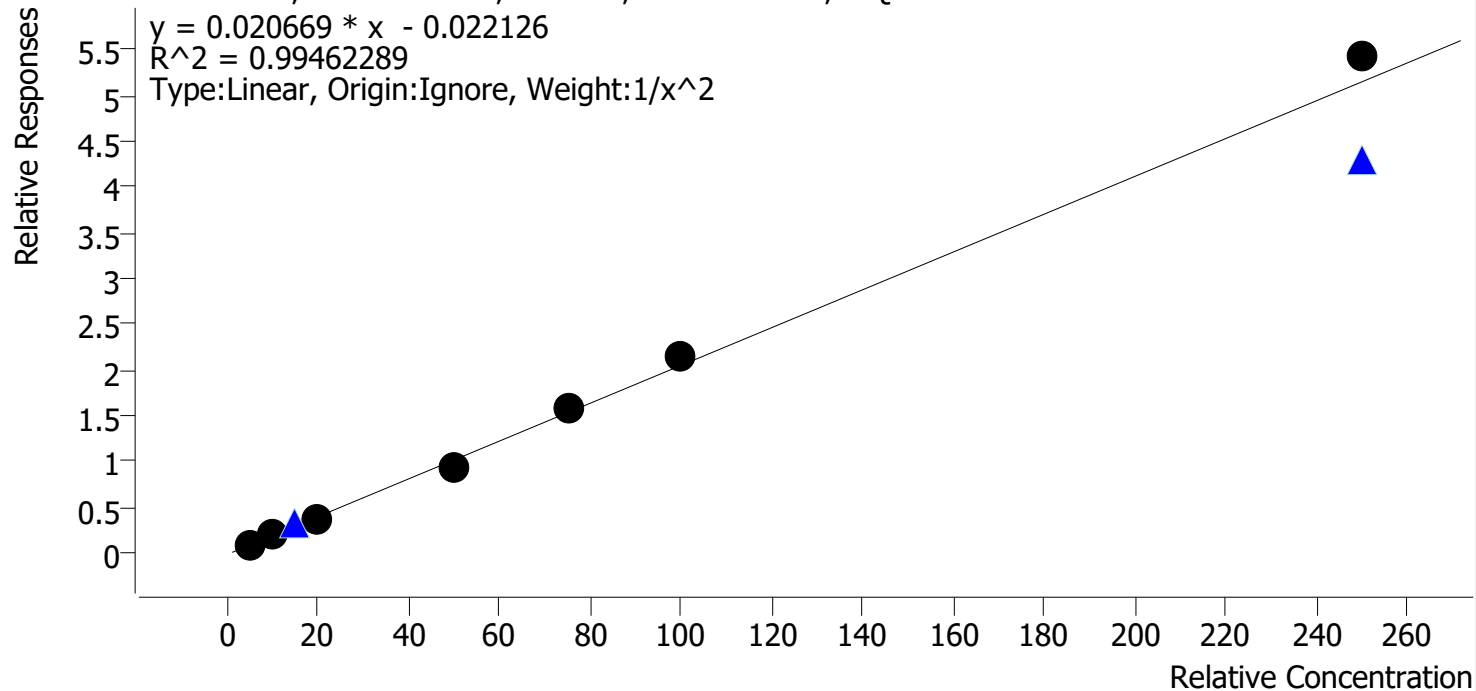
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	0.9	95.0
MJ Cal 2	2	✓	3.0	3.0	100.7
MJ Cal 3	3	✓	5.0	5.0	99.6
MJ Cal 4	4	✓	10.0	10.2	101.9
MJ Cal 5	5	✓	25.0	25.8	103.0
MJ Cal 6	6	✓	50.0	50.7	101.4
MJ Cal 7	7	✓	100.0	98.4	98.4



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\110424 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 11/5/2024 7:45 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	5.1	102.5
MJ Cal 2	2	✓	10.0	9.9	99.2
MJ Cal 3	3	✓	20.0	18.5	92.4
MJ Cal 4	4	✓	50.0	45.6	91.1
MJ Cal 5	5	✓	75.0	77.8	103.7
MJ Cal 6	6	✓	100.0	105.7	105.7
MJ Cal 7	7	✓	250.0	263.3	105.3

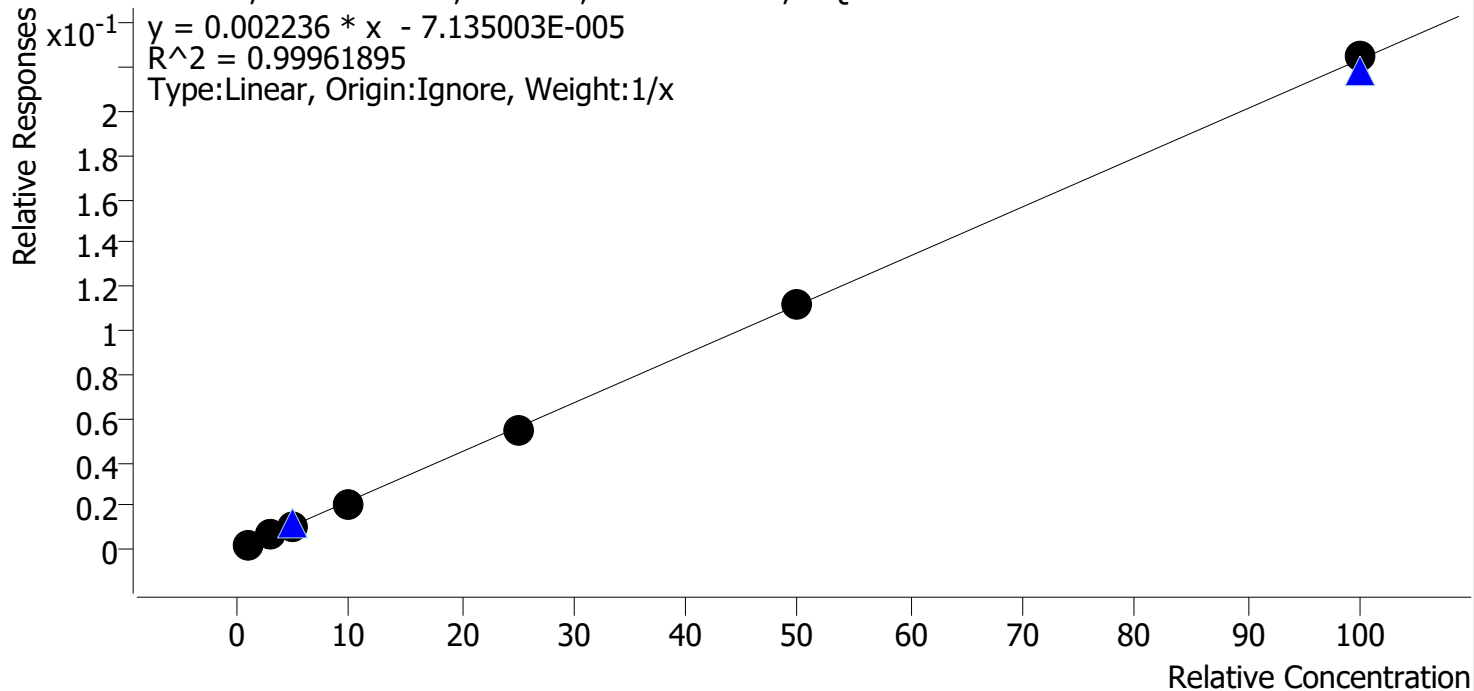


AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\110424 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 11/5/2024 7:45 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

$y = 0.002236 * x - 7.135003E-005$
 $R^2 = 0.99961895$
 Type:Linear, Origin:Ignore, Weight:1/x



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.1	109.4
MJ Cal 2	2	✓	3.0	3.0	100.2
MJ Cal 3	3	✓	5.0	4.8	96.1
MJ Cal 4	4	✓	10.0	9.4	94.0
MJ Cal 5	5	✓	25.0	24.7	98.8
MJ Cal 6	6	✓	50.0	50.4	100.8
MJ Cal 7	7	✓	100.0	100.6	100.6



AM #26 Cannabinoids Screen Results

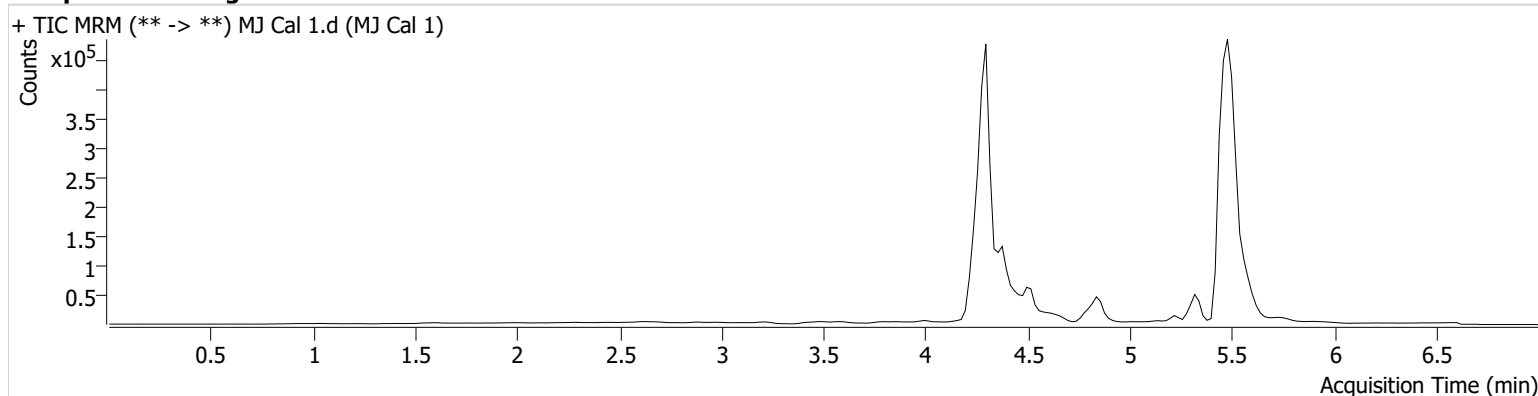
Batch results D:\MassHunter\Data\2024\AM 25 26\110424 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/5/2024 7:45:08 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-A1
Injection Volume 10
Acq. Date-Time 11/4/2024 12:58:48 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	5.489	1388	154665	0.95 ng/ml Low
THC-COOH	4.416	35098	418677	5.13 ng/ml
THC-OH	4.302	4903	2063500	1.09 ng/ml Low



AM #26 Cannabinoids Screen Results

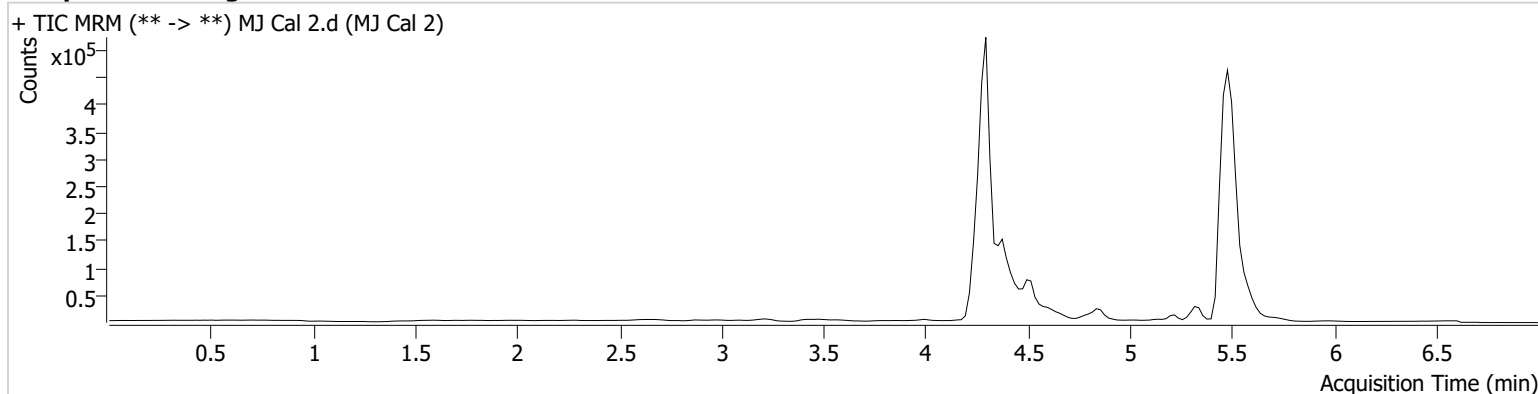
Batch results D:\MassHunter\Data\2024\AM 25 26\110424 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/5/2024 7:45:08 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-B1
Injection Volume 10
Acq. Date-Time 11/4/2024 1:06:32 PM
Sample Info.

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

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.509	3780	162780	3.02 ng/ml
THC-COOH	4.416	81330	444396	9.92 ng/ml
THC-OH	4.302	14059	2113801	3.01 ng/ml



AM #26 Cannabinoids Screen Results

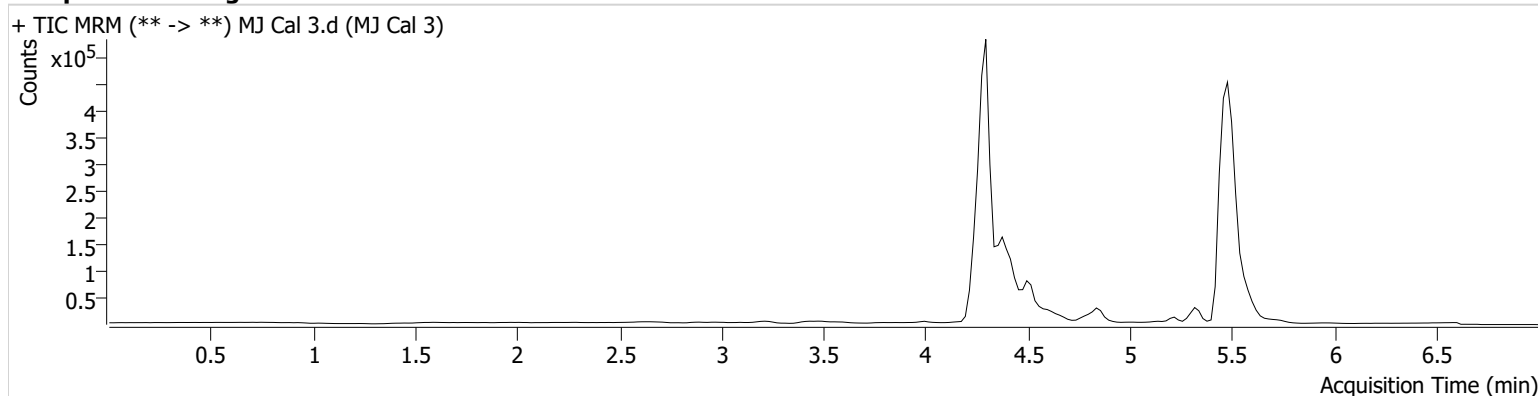
Batch results D:\MassHunter\Data\2024\AM 25 26\110424 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/5/2024 7:45:08 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-C1
Injection Volume 10
Acq. Date-Time 11/4/2024 1:14:07 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	5.489	5844	159332	4.98 ng/ml
THC-COOH	4.416	146881	408121	18.48 ng/ml
THC-OH	4.302	22635	2119935	4.81 ng/ml



AM #26 Cannabinoids Screen Results

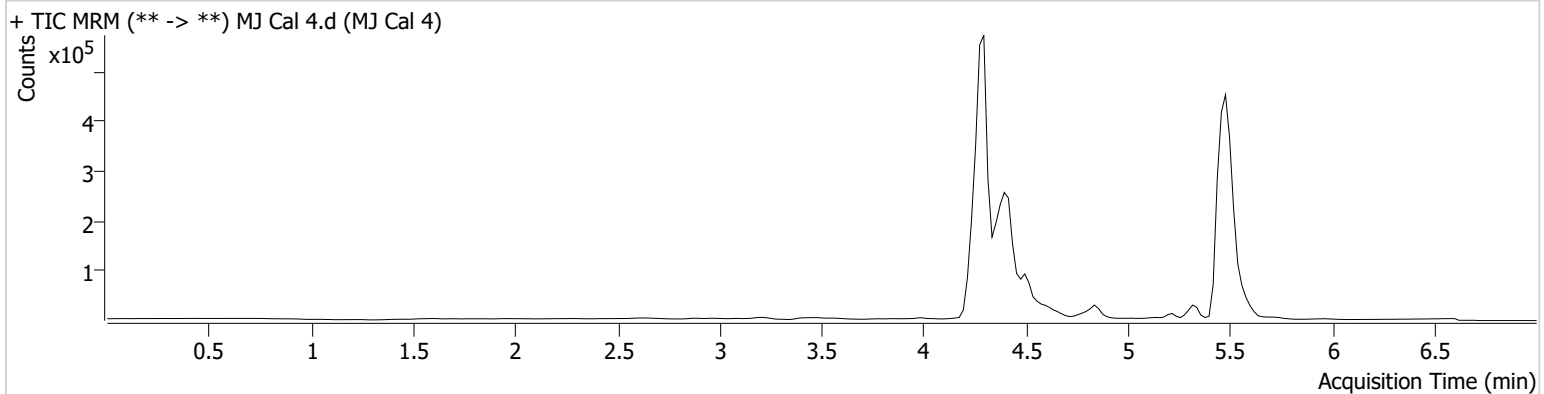
Batch results D:\MassHunter\Data\2024\AM 25 26\110424 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/5/2024 7:45:08 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-D1
Injection Volume 10
Acq. Date-Time 11/4/2024 1:21:41 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	5.489	11613	160222	10.19 ng/ml
THC-COOH	4.416	386444	420328	45.55 ng/ml
THC-OH	4.302	45836	2188637	9.40 ng/ml



AM #26 Cannabinoids Screen Results

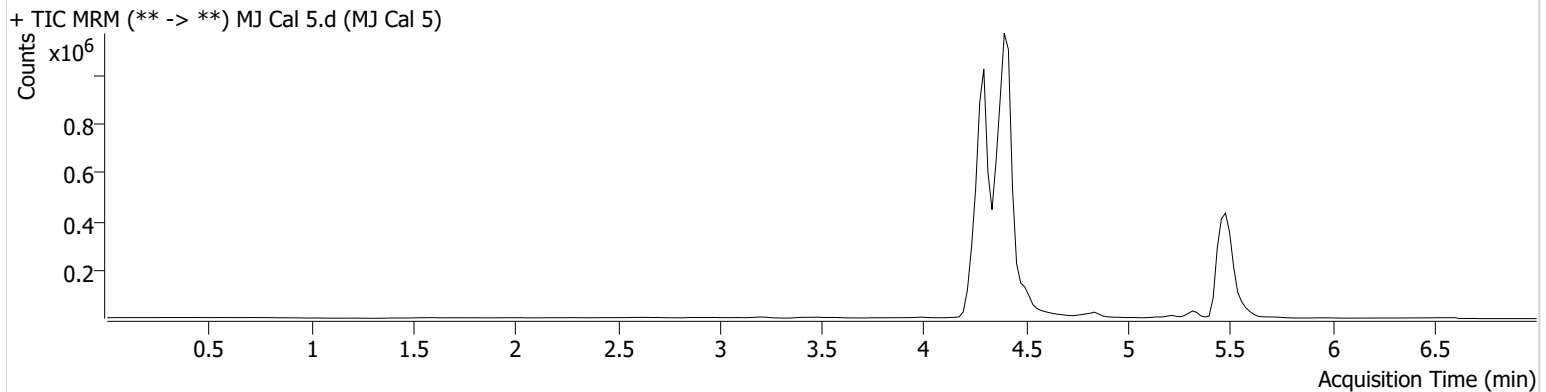
Batch results D:\MassHunter\Data\2024\AM 25 26\110424 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/5/2024 7:45:08 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-E1
Injection Volume 10
Acq. Date-Time 11/4/2024 1:29:15 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	5.489	27668	154118	25.76 ng/ml
THC-COOH	4.396	1850224	1166778	77.79 ng/ml
THC-OH	4.302	167740	3041229	24.70 ng/ml



AM #26 Cannabinoids Screen Results

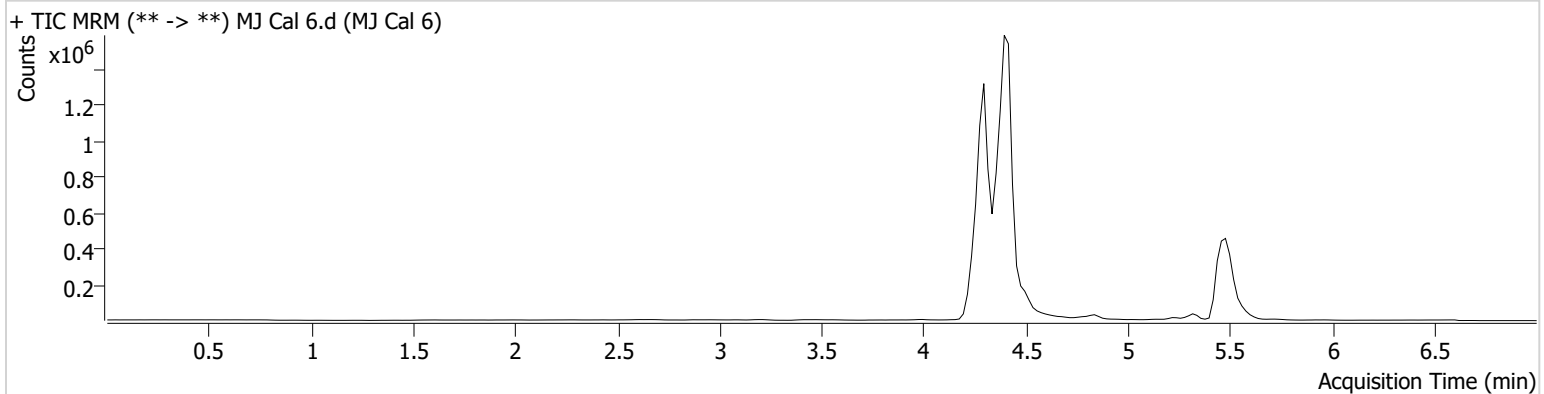
Batch results D:\MassHunter\Data\2024\AM 25 26\110424 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/5/2024 7:45:08 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-F1
Injection Volume 10
Acq. Date-Time 11/4/2024 1:36:49 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	5.489	52217	148759	50.70 ng/ml
THC-COOH	4.396	2611068	1207637	105.68 ng/ml
THC-OH	4.302	335654	2979528	50.42 ng/ml



AM #26 Cannabinoids Screen Results

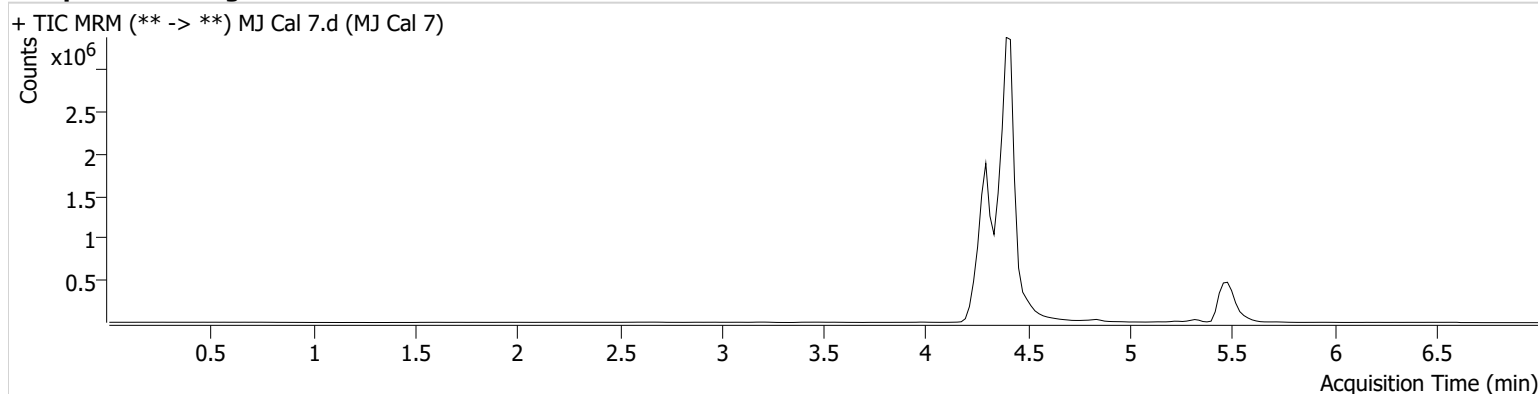
Batch results D:\MassHunter\Data\2024\AM 25 26\110424 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/5/2024 7:45:08 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-G1
Injection Volume 10
Acq. Date-Time 11/4/2024 1:44:23 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	5.489	105725	155709	98.40 ng/ml
THC-COOH	4.396	6213841	1146501	263.29 ng/ml
THC-OH	4.302	640760	2850161	100.58 ng/ml