























Worklist: 6821

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-1913	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0584	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1224	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1275	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1315	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1316	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1319	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1330	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1332	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1348	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1368	1	BCK	Tox Proficiency	
P2024-1368	2	BCK	Tox Proficiency	
P2024-1368	3	BCK	Tox Proficiency	
P2024-1368	4	BCK	Tox Proficiency	
P2024-1404	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1430	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1435	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1436	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1451	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1452	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1494	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

*AM 25 and 26 was performed on Tox Proficiency samples.

Worklist: 6821

TS

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2024-1501	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1502	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1513	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1525	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1527	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1531	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1532	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1533	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

TS

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

Extraction Date: 05/21/2024

Analyst: Tamara Salazar

Plate lot#: 231213

Plate Retest Date: 06/13/2024

Mobile phase A: 10mM Amm Form in LCMS Water

Mobile phase B: 0.1% Formic Acid in MeOH

Blank Blood Lot: Lampire 23A52595

Blank Urine Lot: N/A

LCMS-QQQ ID: 069901

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. This step is required for urine samples, but optional for blood samples.
- 17. Reconstitute in **100µL 20% LC MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Open quantitation software and create a new quantitation batch.
- 2. Make necessary changes to integration limits
- 3. Evaluate samples, S/N of primary transition >5 and S/N of secondary transition >3 or evaluation of peak symmetry and resolution. Within +/- 2% or 0.1 min RT of administrative control. Calculated concentration of 5 or greater or 2-5 for discretionary range.
- 4. Did all QCs pass for each analyte? If no, describe issue in comments (below).
- 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1531-1	P2024-1451-1	P2024-1368-1	P2024-1224-3
B	IS + Cal. 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1527-1	P2024-1436-1	P2024-1348-3	P2024-0584-2
C	IS + Control 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1525-1	P2024-1435-1	P2024-1332-1	M2024-1913-1
D	IS + Control 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1513-1	P2024-1430-1	P2024-1330-1	Neg
E	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1502-1	P2024-1404-1	P2024-1319-2	IS + Control 1
F	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1501-1	P2024-1368-4	P2024-1316-1	IS + Control 1
G	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1533-1	P2024-1494-1	P2024-1368-3	P2024-1315-1	IS + Cal. 1
H	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1532-1	P2024-1452-1	P2024-1368-2	P2024-1275-1	IS + Cal. 1

All wells to contain 60 µl of residual DMSO

TS

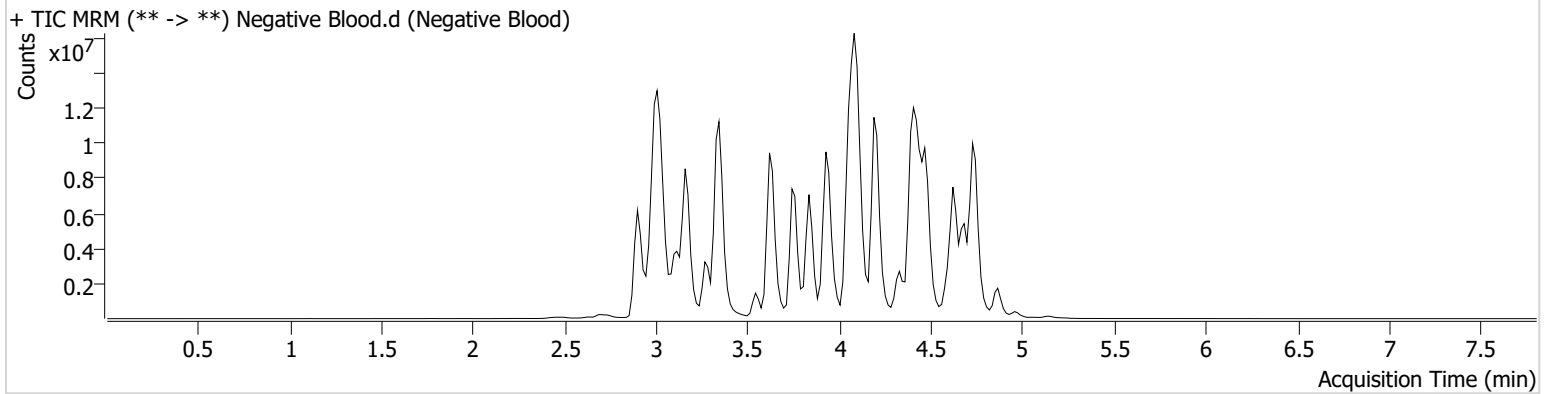


AM #25 Multi-Drug Screen. Results

Batch results D:\MassHunter\Data\2024\AM 25 26\052124 AM 25 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 5/29/2024 3:30:31 PM

Instrument	Falco (069901)	Data File	Negative Blood.d
Type	Sample	Sample	Negative Blood
Acq. Method	AM 25 MDS.m	Operator	Tamara Salazar
Sample Position	P2-D12	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.
Injection Volume	5		
Acq. Date-Time	5/21/2024 1:52:28 PM		
Sample Info.			

Sample Chromatogram



TS



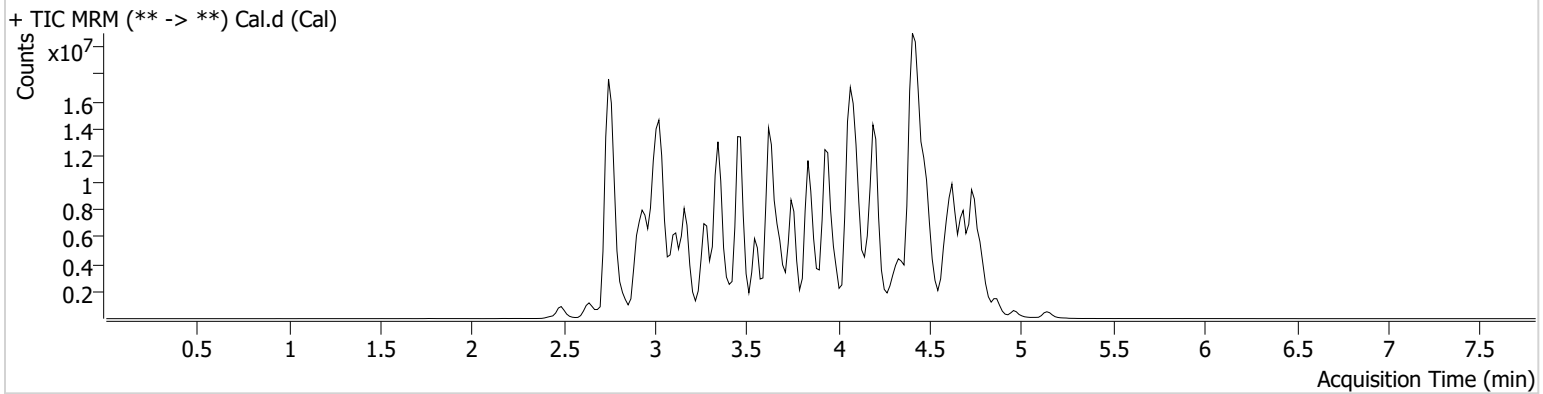
AM #25 Multi-Drug Screen. Results

Batch results D:\MassHunter\Data\2024\AM 25 26\052124 AM 25 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 5/29/2024 3:30:31 PM

Instrument Falco (069901) **Data File** Cal.d
Type Cal **Sample** Cal
Acq. Method AM 25 MDS.m **Operator** Tamara Salazar
Sample Position P2-H12 **Comment**
Injection Volume 5
Acq. Date-Time 5/21/2024 1:43:52 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
10-OH-Carbamazepine	3.749	1784392	78.57	274.44	17445034	10.0000
6-MAM	3.019	38904	34898.06	20709.19	1777378	10.0000
7-aminoclonazepam	3.561	520793	1592.87	172.50	2948611	10.0000
7-aminoflunitrazepam	3.761	1008392	349.73	100.00	2948611	10.0000
9-Hydroxyrisperidone	3.939	6749524	6290354.35	119169.49	25742188	10.0000
Acetyl Fentanyl	3.989	320046	77.05	130133.89	31578741	10.0000
Acetyl Norfentanyl	2.935	283666	247.37	37.32	31578741	10.0000
a-hydroxyalprazolam	4.483	148660	215.25	24515.47	2948611	10.0000
alpha-hydroxymidazolam	4.558	1265915	425.17	360.76	2948611	10.0000
Alpha-PHP	3.904	2335875	4203.32	8844.41	31578741	10.0000
alpha-PVP	3.627	2850731	388.24	284.16	14584653	10.0000
Alprazolam	4.593	1358416	435.85	306.27	12420166	10.0000
Amitriptyline	4.489	1692325	185.99	499.10	7091362	10.0000
Amphetamine	2.940	2888706	1214.16	22338.61	14584653	10.0000
Benzoylcgonine	3.360	71122	192.68	11593.79	365439	10.0000
Bromazolam	4.650	743034	448135.27	10046.26	12420166	10.0000
Brompheniramine	4.083	77448	24936.05	2500.98	41293688	10.0000
Buprenorphine	4.892	47912	17291.00	2565.89	3366695	10.0000
Bupropion	3.873	3742216	2228.12	651.09	15304767	10.0000
Carbamazepine	4.214	6642864	∞	229.75	227963	10.0000
Carisoprodol	4.213	741733	272466.68	118.72	6228104	10.0000
Chlordiazepoxide	4.703	743455	1013.87	8.25	12420166	10.0000
Chlorpheniramine	3.994	5858436	253.61	35.00	10397257	10.0000
Chlorpromazine	4.684	1848841	578582.04	1133417.14	11239671	10.0000
Citalopram	4.082	2553684	316.30	716725.50	41293688	10.0000
Clomipramine	4.685	2461864	7231.72	8839.98	41293688	10.0000
Clonazepam	4.407	735076	3162.81	121.57	227963	10.0000
Clonazolam	4.342	672533	297061.03	76963.67	12420166	10.0000

TS

AM #25 Multi-Drug Screen. Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Clozapine	4.436	2622661	624.54	232230.0 4	13522288	10.0000
Cocaethylene	3.835	2695467	3663.29	527.65	24688354	10.0000
Cocaine	3.636	3164222	15084.63	389.07	24688354	10.0000
Codeine	2.946	231667	4439.21	588.45	8131505	10.0000
Cyclobenzaprine	4.397	1610504	987.34	41.39	7091362	10.0000
Desipramine	4.398	3623385	593.93	520.84	7091362	10.0000
Dextromethorphan	4.119	1381371	558.13	287.17	10397257	10.0000
Dextrorphan	3.410	1667139	1762.02	618.47	10397257	10.0000
Diazepam	4.826	969791	635.46	961.79	12420166	10.0000
Dihydrocodeine	2.823	711992	2564.32	1514.56	8131505	10.0000
Diphenhydramine	4.074	7541379	50382.05	3225818. 94	41293688	10.0000
DMT	3.014	395632	750.54	1874.64	10397257	10.0000
Doxepin	4.195	1692502	305.47	131.16	25158346	10.0000
Doxylamine	3.685	6490021	278.24	147.62	10397257	10.0000
Duloxetine	4.348	81479	31638.79	8992.94	1617871	10.0000
EDDP	4.103	138346	55.71	7.10	1126646	10.0000
Estazolam	4.502	3324186	491.78	1126201. 68	12420166	10.0000
Etizolam	4.604	264288	362150.17	544990.6 3	12420166	10.0000
Fentanyl	4.204	310682	97.77	137103.0 7	20171148	10.0000
Flualprazolam	4.452	547798	250736.35	253920.7 7	12420166	10.0000
Flunitrazepam	4.531	1656987	1033.93	2534205. 08	12420166	10.0000
Fluorofentanyl	4.249	477982	36697.92	455.04	20171148	10.0000
Fluoxetine	4.347	2720757	1337.03	73.10	4255846	10.0000
Flurazepam	4.279	1946677	743020.25	487.08	12420166	10.0000
Hydrocodone	3.145	1107647	221.59	101.06	8131505	10.0000
Hydromorphone	2.627	702148	96.74	291.39	106308	10.0000
Hydroxyzine	4.587	2603305	906.03	1441.17	13522288	10.0000
Imipramine	4.442	5322278	2009.47	566.39	7091362	10.0000
Ketamine	3.734	3160974	1175.98	181.41	9674782	10.0000
Lamotrigine	3.625	2906761	2088.54	14326.67	41293688	10.0000
Levamisole	3.089	2334734	567.80	784.54	24688354	10.0000
Levetiracetam	2.648	1613692	584.39	355.06	41293688	10.0000
Lorazepam	4.407	257595	10292.48	101.35	12420166	10.0000
Maprotiline	4.489	1305110	49.72	169.37	7091362	10.0000
MDA	3.045	2284382	625.06	1012.99	27512402	10.0000
MDEA	3.259	3762730	1292.25	407.26	27512402	10.0000
MDMA	3.121	4521118	1270.69	1156.28	27512402	10.0000
Meperidine	3.656	2108761	9601.92	588580.7 5	10397257	10.0000
Meprobamate	3.659	818148	347.62	56.33	6228104	10.0000
Methadone	4.423	3673834	2934550.93	361.63	1126646	10.0000
Methamphetamine	3.046	12819712	252.05	480.61	27512402	10.0000
Methocarbamol	3.565	480061	152207.20	211.44	1126646	10.0000
Methylphenidate	3.550	9739704	840.07	535.07	18423872	10.0000
Metoprolol	3.455	692853	11756.71	595.26	10397257	10.0000
Midazolam	4.744	496563	680.44	1057.62	12420166	10.0000
Mirtazapine	4.181	3381975	2663.50	2023.95	10397257	10.0000
Mitragynine	4.279	376367	2431.46	439.08	10397257	10.0000
Morphine	2.490	207812	∞	4050.40	106308	10.0000
Norbuprenorphine	3.847	64078	12682.19	16054.42	3366695	10.0000
Nordiazepam	4.674	1281425	1138.89	454.26	12420166	10.0000
Norfentanyl	3.365	6195784	374.51	572.73	31578741	10.0000
Norhydrocodone	2.963	120265	62.13	37.39	106308	10.0000
Norketamine	3.844	477639	227.55	1396.69	9674782	10.0000

TS

AM #25 Multi-Drug Screen. Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Normeperidine	3.627	2205652	305.15	245.01	41293688	10.0000
Noroxycodone	2.900	1115800	177.99	60.58	9674782	10.0000
Nortriptyline	4.444	1333721	358397.78	240.81	7091362	10.0000
O-desmethyl-tramadol	2.949	6695472	428.40	178.67	41293688	10.0000
O-desmethylvenlafaxine	3.285	1092604	491.97	∞	6657185	10.0000
Olanzapine	3.929	741284	340927.09	60166.78	227963	10.0000
Oxazepam	4.487	1213857	502.63	142.88	9269109	10.0000
Oxycodone	2.990	1620528	309.30	218.86	9674782	10.0000
Oxymorphone	2.472	1527081	∞	479772.7	106308	10.0000
Paroxetine	4.359	604835	890.73	225593.5	4255846	10.0000
Phenazepam	4.619	2010653	1976636.36	509265.9	12420166	10.0000
Phencyclidine	3.950	4883051	6182.80	3796.96	10397257	10.0000
Phentermine	3.185	1544957	436.82	21.42	18423872	10.0000
Phenytoin	4.105	432998	781.44	97.46	227963	10.0000
Primidone	3.475	8926608	4057.01	1037.62	227963	10.0000
Promethazine	4.411	4938383	7596.36	97.78	41293688	10.0000
Pseudoephedrine	2.755	52205151	620.71	59554.29	27512402	10.0000
Quetiapine	4.617	3479517	1510278.55	3394017.92	30446695	10.0000
Risperidone	4.155	4388216	3847659.60	301.21	25742188	10.0000
Sertraline	4.594	854433	375811.65	2794.06	4255846	10.0000
Sufentanil	4.602	186801	85037.37	140.10	31578741	10.0000
Tapentadol	3.474	4446989	891.23	826.53	9674782	10.0000
Temazepam	4.641	2668459	706.20	82.82	12420166	10.0000
Topiramate	3.834	386716	378814.96	142958.9	229760	10.0000
Tramadol	3.455	14652558	551.01	50.42	41293688	10.0000
Trazodone	4.771	6193005	2984976.15	2295396.37	25158346	10.0000
Venlafaxine	3.839	5673214	116898.49	444.29	6657185	10.0000
Xylazine	3.428	1929031	1496.94	2.93	9674782	10.0000
Zaleplon	4.317	1823967	889859.20	1958.09	30446695	10.0000
Zolpidem	4.409	6528649	1770.56	714.94	30446695	10.0000
Zopiclone	4.325	838849	276902.78	113500.0	4571598	10.0000

TS

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

Extraction Date: 05/31/2024

Plate lot#: 240513

Mobile phase A: 10mM Amm Form in LCMS Water

Blank Blood Lot: Lampire 23A52595

LCMS-QQQ ID: 069901

Analyst: Tamara Salazar

Plate Retest Date: 11/13/2024

Mobile phase B: 0.1% Formic acid in MeOH

Blank Urine Lot: N/A

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
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. 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.
- 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 7. Transfer 700-800µL of blood+acid or urine+acid mixture to corresponding wells of SLE+ plate. Amount transferred: 750 µL
- 8. 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)
- 9. Wait 5 minutes.
- 10. Add 2.25mL MTBE. (Add in 3 increments of 750uL)
- 11. Wait 5 minutes.
- 12. Apply positive pressure for approx. 15 seconds. (10-15 PSI- Selector to the left).
- 13. Add 2.25mL Hexane. (Add in 3 increments of 750uL)
- 14. Wait 5 minutes.
- 15. Apply positive pressure for approx. 15 seconds. (10-15 PSI- Selector to the left).
- 16. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 17. 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: Run stopped on calibrator 4 due to a clog. The clog was removed, and the run continued without issue.

THC- 1-10 --calibrators 5,6, and 7 removed due to linearity

TS

	1	2	3	4	5	6
A	IS + Cal. 1	IS + QC_1	P2024-1319-2	P2024-1404-1	P2024-1502-1	IS + QC_1
B	IS + Cal. 2	Neg Blood	P2024-1330-1	P2024-1430-1	P2024-1513-1	IS + Cal. 7
C	IS + Cal. 3	M2024-1913-1	P2024-1332-1	P2024-1435-1	P2024-1525-1	IS + Cal. 6
D	IS + Cal. 4	P2024-0584-2	P2024-1348-3	P2024-1436-1	P2024-1527-1	IS + Cal. 5
E	IS + Cal. 5	P2024-1224-3	P2024-1368-1	P2024-1451-1	P2024-1531-1	IS + Cal. 4
F	IS + Cal. 6	P2024-1275-1	P2024-1368-2	P2024-1452-1	P2024-1532-1	IS + Cal. 3
G	IS + Cal. 7	P2024-1315-1	P2024-1368-3	P2024-1494-1	P2024-1533-1	IS + Cal. 2
H	IS + QC_1	P2024-1316-1	P2024-1368-4	P2024-1501-1	IS + QC_1	IS + Cal. 1

All wells to contain 100 µl of residual DMSO



TS



AM #26 Cannabinoids Screen Results

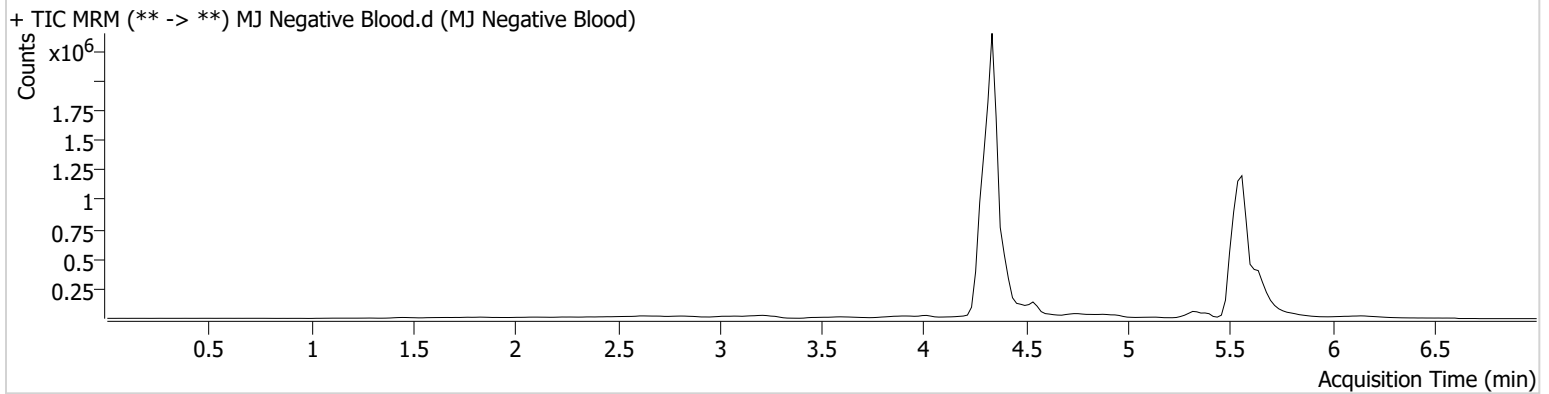
Batch results D:\MassHunter\Data\2024\AM 25 26\053124 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/3/2024 8:49:01 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P1-B2
Injection Volume 10
Acq. Date-Time 5/31/2024 2:03:17 PM
Sample Info.

Data File MJ Negative Blood.d
Sample MJ 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



TS



AM #26 Cannabinoids Screen Results

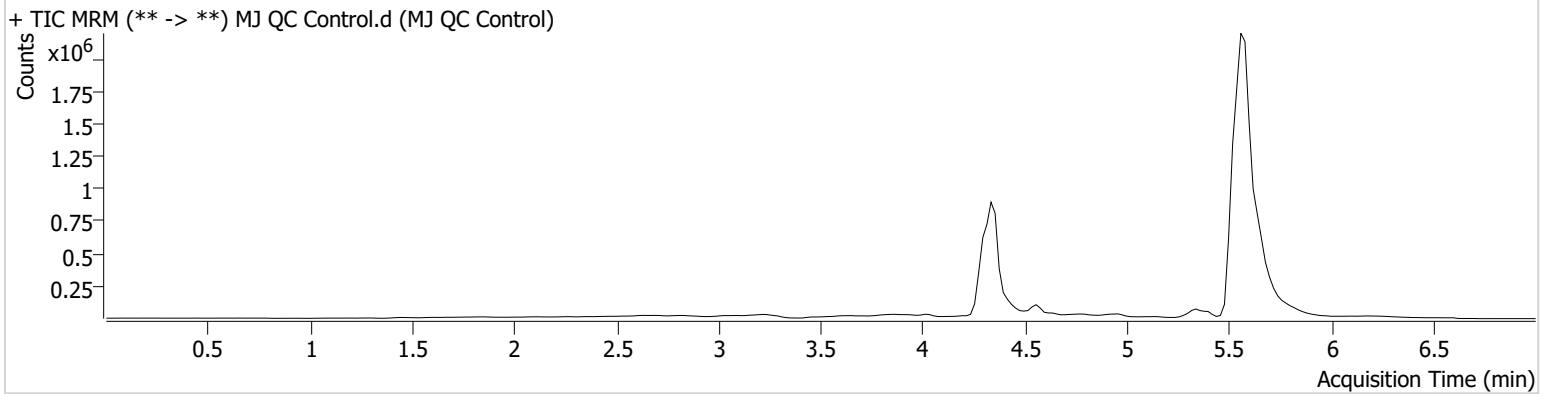
Batch results D:\MassHunter\Data\2024\AM 25 26\053124 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/3/2024 8:49:01 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-H1
Injection Volume 10
Acq. Date-Time 5/31/2024 1:48:04 PM
Sample Info.

Data File MJ QC Control.d
Sample MJ QC 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



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.510	5564	153121	7.86 ng/ml
THC-COOH	4.436	94673	448318	13.08 ng/ml
THC-OH	4.362	33554	4080360	4.39 ng/ml

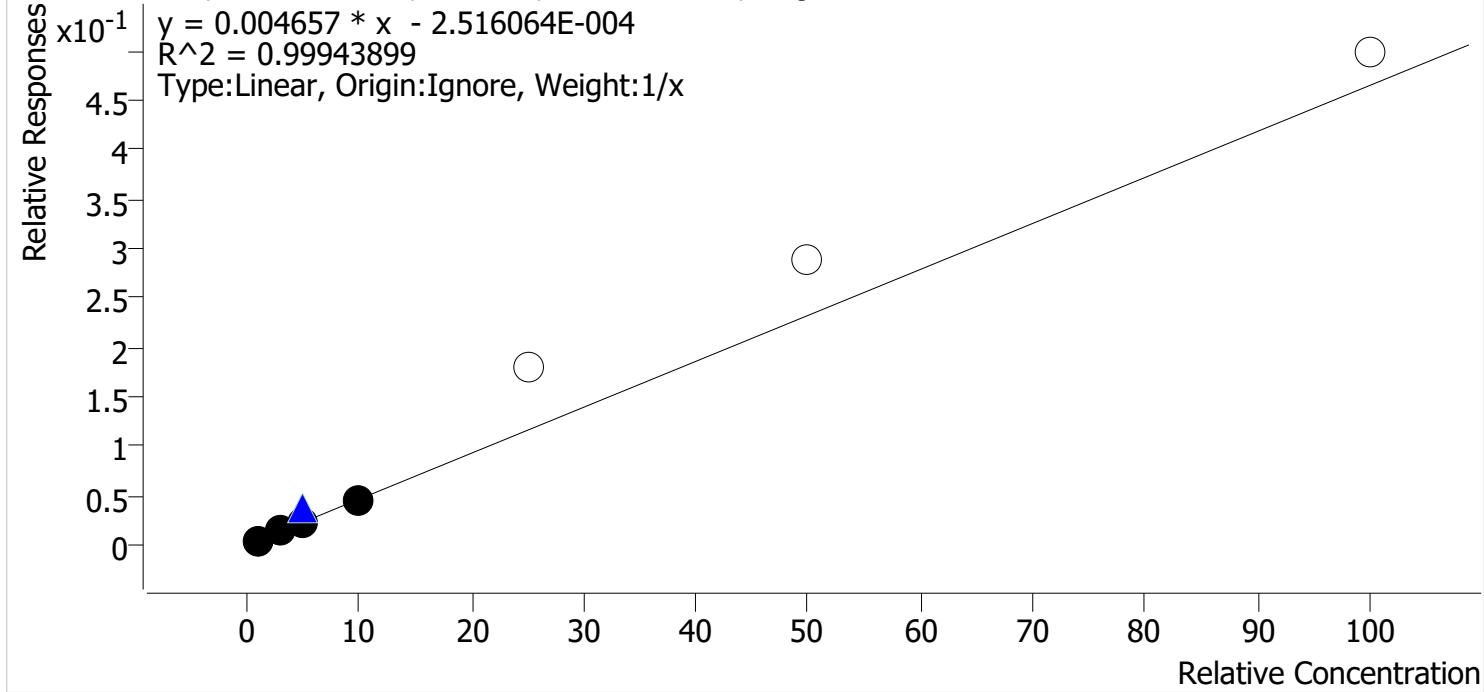
TS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\053124 AM 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 6/3/2024 8:49 AM
Analyst Name ISP\Datastor
Analyte THC **Internal Standard** THC-D3

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



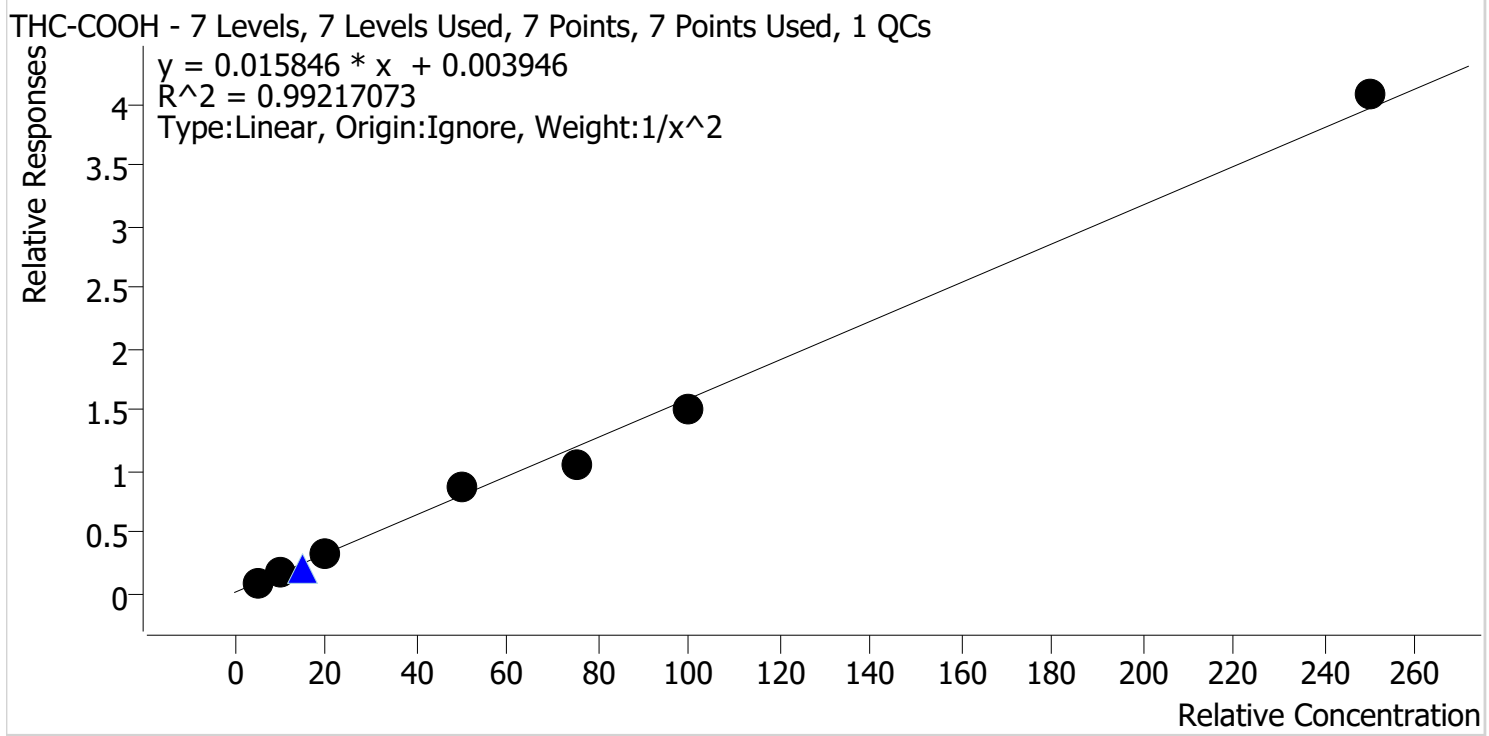
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.0	97.2
MJ Cal 2	2	✓	3.0	3.1	102.7
MJ Cal 3	3	✓	5.0	5.1	101.3
MJ Cal 4	4	✓	10.0	9.9	98.8
MJ Cal 5	5	✗	25.0	38.5	154.0
MJ Cal 6	6	✗	50.0	62.3	124.5
MJ Cal 7	7	✗	100.0	107.1	107.1

TS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\053124 AM 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 6/3/2024 8:49 AM
Analyst Name ISP\Datastor
Analyte THC-COOH **Internal Standard** THC-COOH-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	4.9	97.3
MJ Cal 2	2	✓	10.0	10.3	103.4
MJ Cal 3	3	✓	20.0	20.8	103.9
MJ Cal 4	4	✓	50.0	55.1	110.1
MJ Cal 5	5	✓	75.0	66.1	88.2
MJ Cal 6	6	✓	100.0	94.2	94.2
MJ Cal 7	7	✓	250.0	257.0	102.8

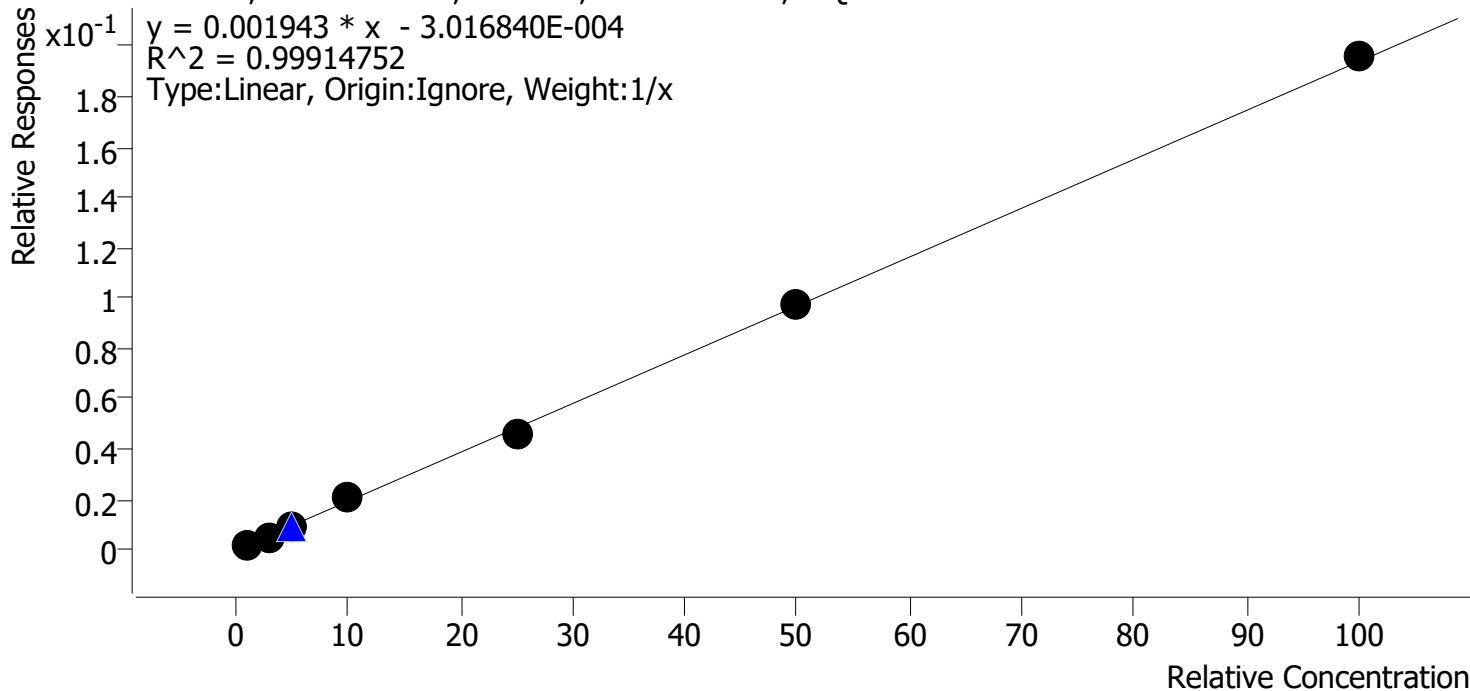
TS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\053124 AM 26 TS\QuantResults\AM 26.batch.bin
 Last Cal. Update 6/3/2024 8:49 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	1.1	109.7
MJ Cal 2	2	✓	3.0	2.8	94.8
MJ Cal 3	3	✓	5.0	4.8	95.0
MJ Cal 4	4	✓	10.0	10.5	104.6
MJ Cal 5	5	✓	25.0	23.6	94.4
MJ Cal 6	6	✓	50.0	50.3	100.5
MJ Cal 7	7	✓	100.0	101.0	101.0

TS



AM #26 Cannabinoids Screen Results

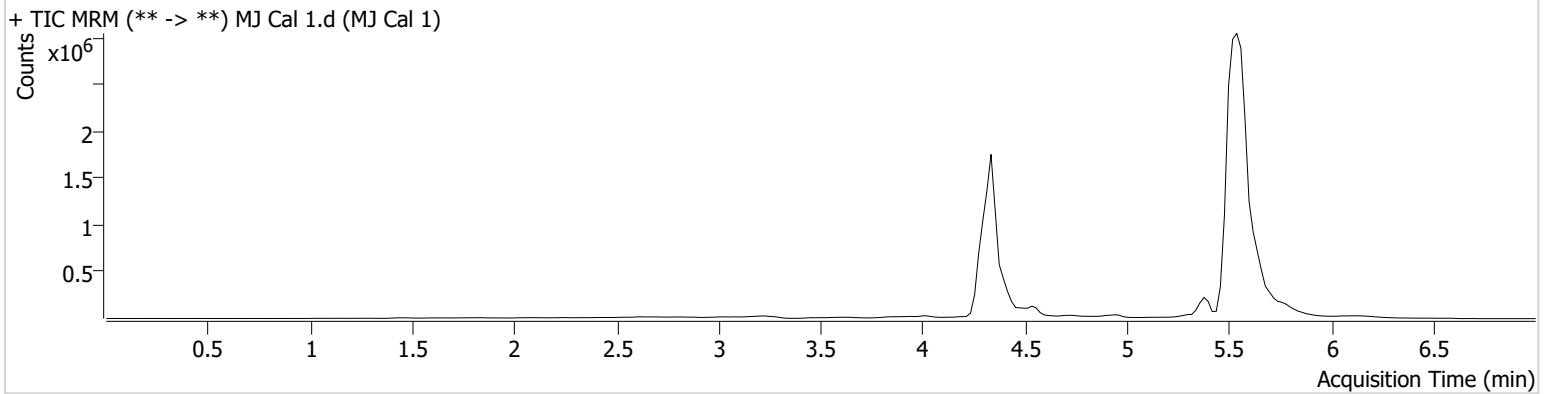
Batch results D:\MassHunter\Data\2024\AM 25 26\053124 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/3/2024 8:49:01 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-A1
Injection Volume 10
Acq. Date-Time 5/31/2024 11:04:21 AM
Sample Info.

Data File MJ Cal 1.d
Sample MJ Cal 1
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	5.489	4045	946143	0.97 ng/ml Low
THC-COOH	4.416	90733	1119444	4.87 ng/ml Low
THC-OH	4.342	13366	7309512	1.10 ng/ml Low

TS



AM #26 Cannabinoids Screen Results

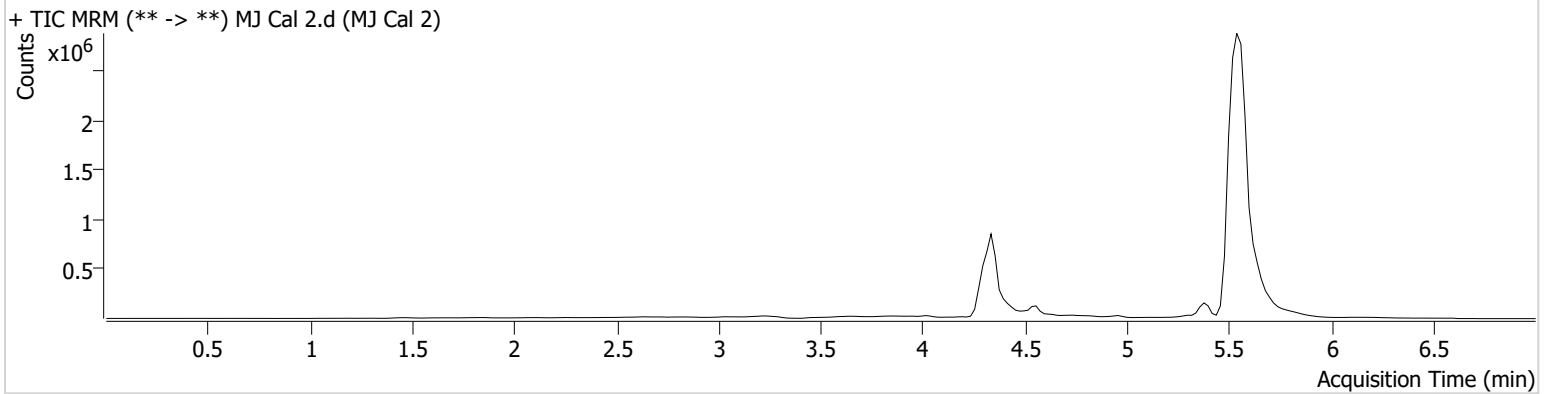
Batch results D:\MassHunter\Data\2024\AM 25 26\053124 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/3/2024 8:49:01 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-B1
Injection Volume 10
Acq. Date-Time 5/31/2024 11:12:05 AM
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	5.489	11542	819021	3.08 ng/ml
THC-COOH	4.436	81331	484668	10.34 ng/ml
THC-OH	4.342	18787	3596069	2.84 ng/ml Low

TS



AM #26 Cannabinoids Screen Results

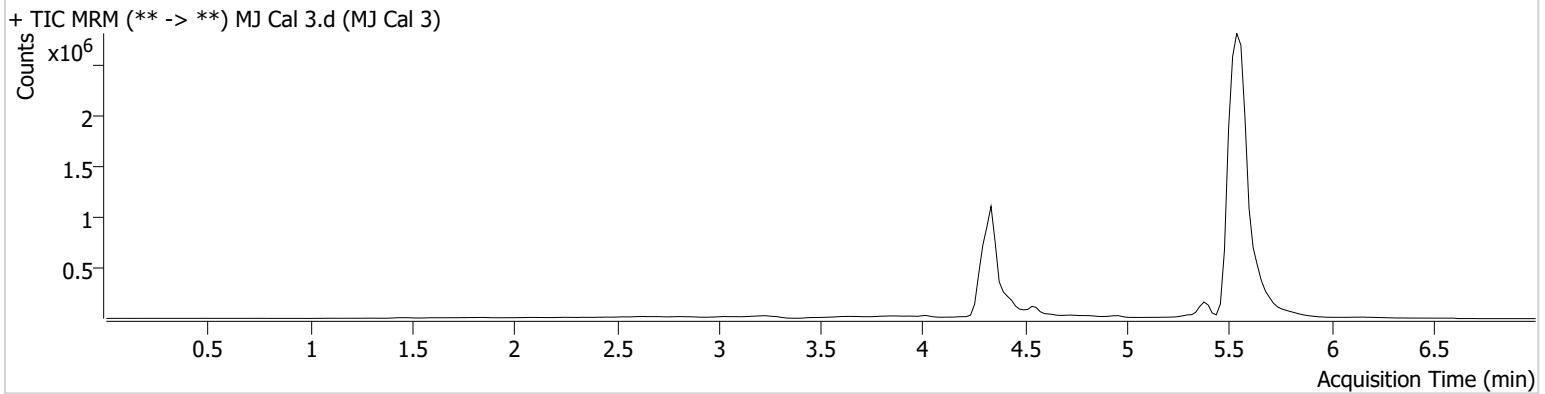
Batch results D:\MassHunter\Data\2024\AM 25 26\053124 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/3/2024 8:49:01 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-C1
Injection Volume 10
Acq. Date-Time 5/31/2024 11:19:40 AM
Sample Info.

Data File MJ Cal 3.d
Sample MJ Cal 3
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	5.489	20107	861320	5.07 ng/ml
THC-COOH	4.436	195286	585756	20.79 ng/ml
THC-OH	4.342	40185	4499395	4.75 ng/ml

TS



AM #26 Cannabinoids Screen Results

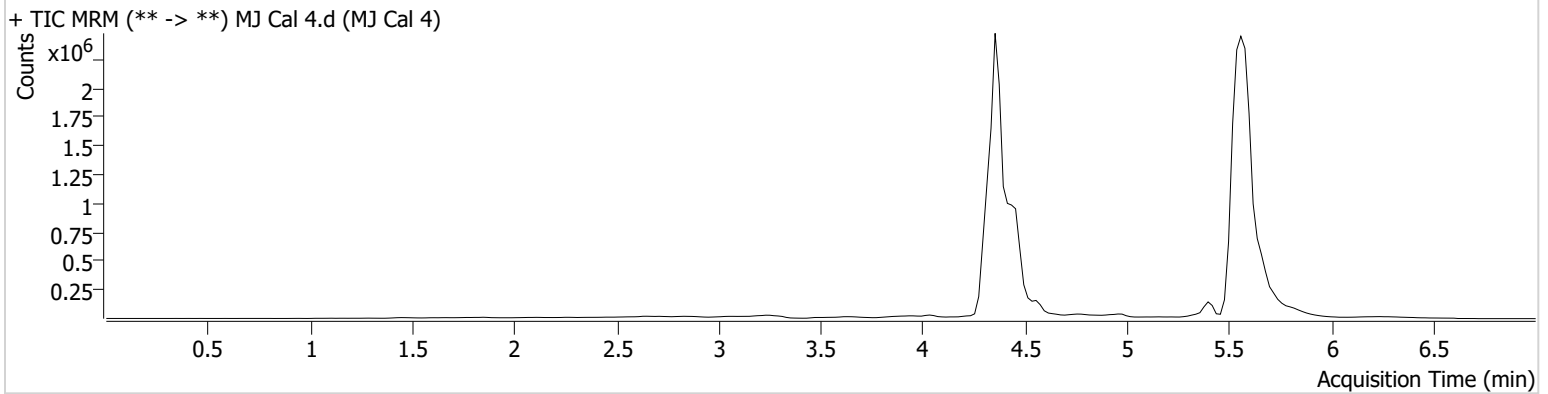
Batch results D:\MassHunter\Data\2024\AM 25 26\053124 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/3/2024 8:49:01 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-D1
Injection Volume 10
Acq. Date-Time 5/31/2024 1:17:36 PM
Sample Info.

Data File MJ Cal 4.d
Sample MJ Cal 4
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	5.510	38557	842340	9.88 ng/ml
THC-COOH	4.456	1327077	1513884	55.07 ng/ml
THC-OH	4.362	172618	8622947	10.46 ng/ml

TS



AM #26 Cannabinoids Screen Results

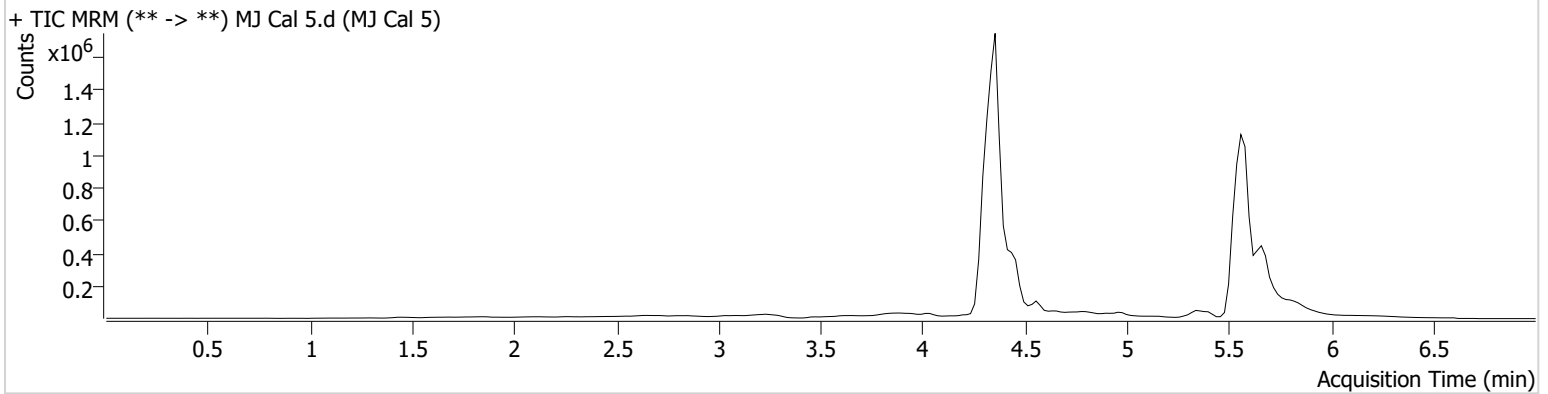
Batch results D:\MassHunter\Data\2024\AM 25 26\053124 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/3/2024 8:49:01 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-E1
Injection Volume 10
Acq. Date-Time 5/31/2024 1:25:21 PM
Sample Info.

Data File MJ Cal 5.d
Sample MJ Cal 5
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	5.530	15687	87596	38.51 ng/ml
THC-COOH	4.436	648191	616093	66.14 ng/ml
THC-OH	4.362	266796	5858954	23.59 ng/ml

TS



AM #26 Cannabinoids Screen Results

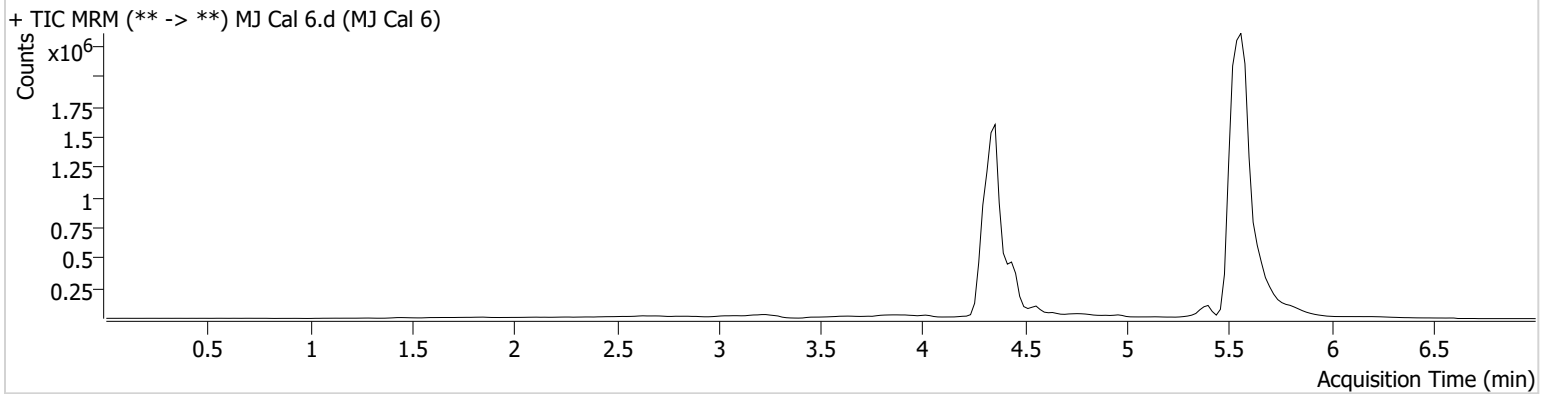
Batch results D:\MassHunter\Data\2024\AM 25 26\053124 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/3/2024 8:49:01 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-F1
Injection Volume 10
Acq. Date-Time 5/31/2024 1:32:56 PM
Sample Info.

Data File MJ Cal 6.d
Sample MJ Cal 6
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	5.510	129794	448060	62.25 ng/ml
THC-COOH	4.436	770604	514911	94.19 ng/ml
THC-OH	4.362	418230	4296393	50.26 ng/ml

TS



AM #26 Cannabinoids Screen Results

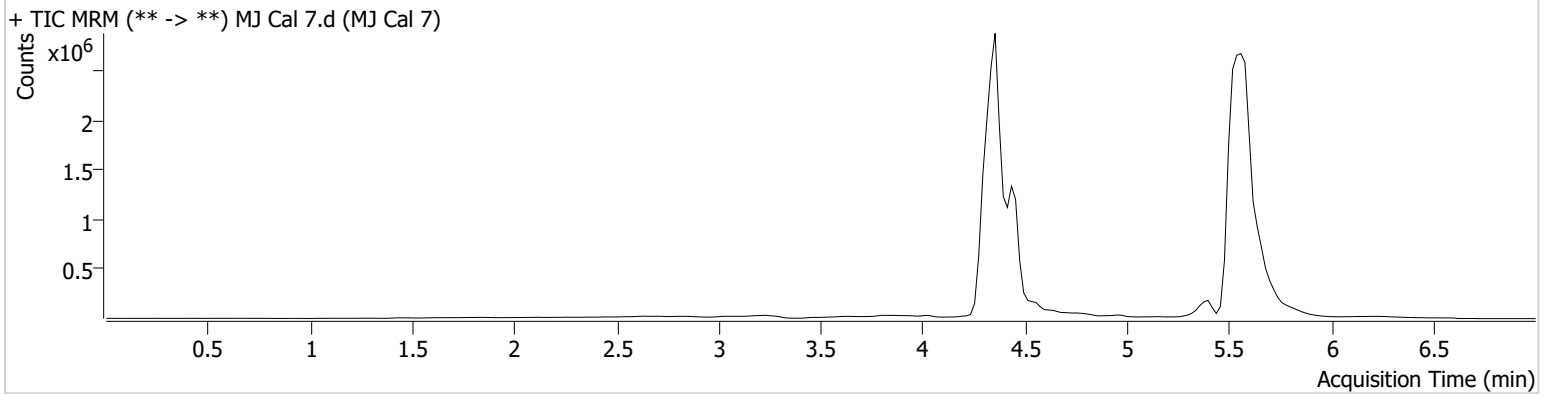
Batch results D:\MassHunter\Data\2024\AM 25 26\053124 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/3/2024 8:49:01 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-G1
Injection Volume 10
Acq. Date-Time 5/31/2024 1:40:30 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	5.489	241045	483435	107.11 ng/ml
THC-COOH	4.436	2432337	596679	257.00 ng/ml
THC-OH	4.362	996373	5086149	100.99 ng/ml