











Worklist: 6691

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-0391	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-0440	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-0478	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-0495	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-0510	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-0526	3	BLOOD	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-0580	4	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-3296	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0142	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0157	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0195	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0250	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0255	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0259	1	BLOOD	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0264	1	BLOOD	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0276	2	BLOOD	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0280	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0283	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0285	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0307	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0372	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

Worklist: 6691



<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2024-0383	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0392	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0393	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0394	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0412	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0419	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0446	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0455	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: 02/28/2024

Plate lot#: 231213

Mobile phase A: 10mM Amm Form

Instant Buffer I

Blank Blood Lot: Lampire 23E52981

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 6/13/2024

Mobile phase B: 0.1% Formic Acid in MeOH

Ethyl Acetate LC Methanol

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. Using a calibrated pipette, pipette **250µL blood** into wells of analytical (standards) plate. **Pipette ID: 16**
- 3. Pipette **250µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Transfer **200-450µL of blood+base and** mixture to corresponding wells of SLE+ plate.
Amount transferred: 250µl
- 6. 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
- 7. Wait 5 minutes.
- 8. Add **900uL ethyl acetate**.
- 9. Wait 5 minutes.
- 10. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 11. Add **900uL ethyl acetate**.
- 12. Wait 5 minutes.
- 13. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 14. Remove plate containing eluate.
- 15. Add 50µl of 1% HCl in MeOH to all wells in the run and place ACT cover on top of plate prior to drying.
- 16. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 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:

9

	1	2	3	4	5	6	7	8	9	10	11	12
A									P2024-0383-1	M2024-0478-1	P2024-0195-1	P2024-0285-1
B									P2024-0392-1	M2024-0495-2	P2024-0250-1	P2024-0307-1
C									P2024-0393-1	M2024-0510-1	P2024-0255-1	P2024-0372-1
D									P2024-0394-1	M2024-0526-3	P2024-0259-1	NEG CTRL
E									P2024-0412-1	M2024-0580-4	P2024-0264-1	
F									P2024-0419-3	P2023-3296-1	P2024-0276-2	
G								P2024-0446-1	M2024-0391-1	P2024-0142-1	P2024-0280-2	
H								P2024-0455-1	M2024-0440-1	P2024-0157-1	P2024-0283-1	CAL

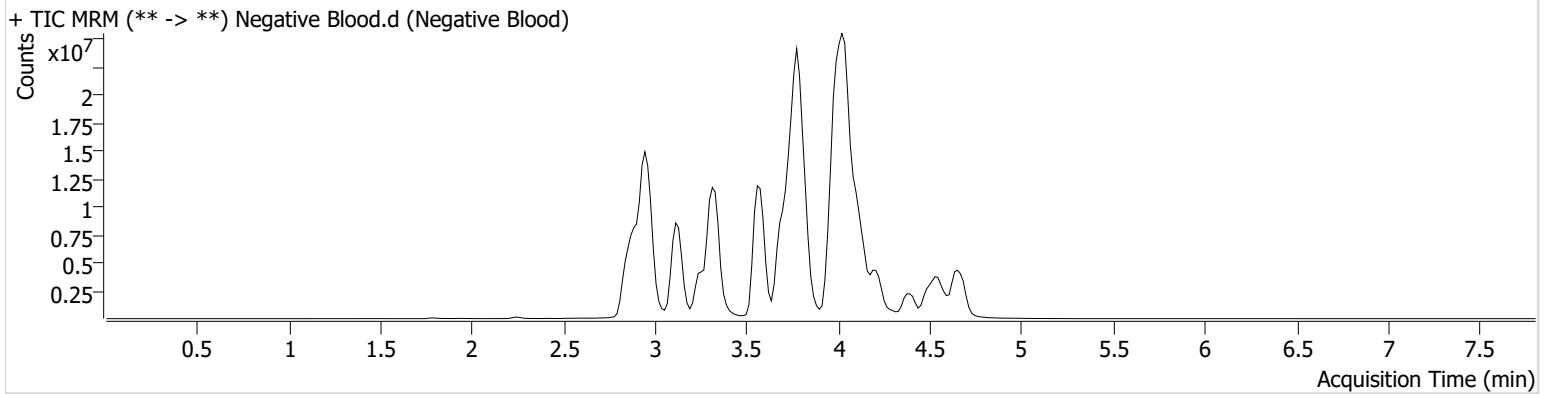
AM #25 Multi-Drug Screen. Results



Batch results D:\MassHunter\Data\2024\AM 25 26\022824 AM 25 26 CS\QuantResults\AM 25.batch.bin
Calibration Last Update 2/29/2024 9:56:47 AM

Instrument	Falco (069901)	Data File	Negative Blood.d
Type	Sample	Sample	Negative Blood
Acq. Method	AM 25 MDS.m	Operator	Celena Shrum
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	2/28/2024 5:37:20 PM		
Sample Info.			

Sample Chromatogram



AM #25 Multi-Drug Screen. Results

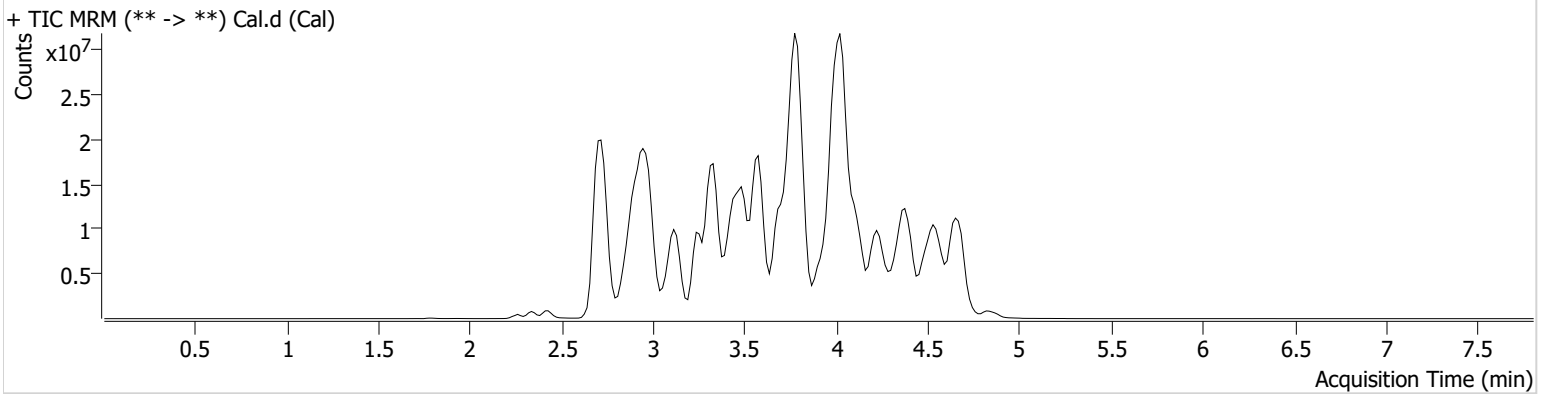


Batch results D:\MassHunter\Data\2024\AM 25 26\022824 AM 25 26 CS\QuantResults\AM 25.batch.bin
Calibration Last Update 2/29/2024 9:56:47 AM

Instrument Falco (069901) **Data File** Cal.d
Type Cal **Sample** Cal
Acq. Method AM 25 MDS.m **Operator** Celena Shrum
Sample Position P2-H12 **Comment**
Injection Volume 5
Acq. Date-Time 2/28/2024 5:28:44 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	3.780	2965819	385.03	384.98	28876044	10.0000
6-MAM	2.866	42965	25299.86	256.80	2063624	10.0000
7-aminoclonazepam	3.561	938185	339.64	747.58	5227515	10.0000
7-aminoflunitrazepam	3.792	1967995	3043.46	3027.88	5227515	10.0000
9-Hydroxyrisperidone	3.800	9559656	2529.64	115579.6	39276019	10.0000
Acetyl Fentanyl	3.742	476078	1430.40	168030.3	47993418	10.0000
Acetyl Norfentanyl	2.905	400767	65437.44	214.47	47993418	10.0000
a-hydroxyalprazolam	4.498	214146	39.52	64.84	5227515	10.0000
alpha-hydroxymidazolam	4.481	2084844	480.75	186.10	5227515	10.0000
Alpha-PHP	3.780	3595726	14252.71	3219.31	47993418	10.0000
alpha-PVP	3.520	5127283	1324.25	731.10	17791313	10.0000
Alprazolam	4.624	2712985	215.78	237.63	33313469	10.0000
Amitriptyline	4.381	1927815	105.10	355.72	8331233	10.0000
Amphetamine	2.894	3745188	1245.36	946.90	17791313	10.0000
Benzoylecgonine	3.407	143070	140.66	41.11	820359	10.0000
Bromazolam	4.696	1350504	1037.51	2779.99	33313469	10.0000
Brompheniramine	4.005	80570	97.02	128625.5	67916922	10.0000
Buprenorphine	4.031	65458	6710.66	5462.77	4357088	10.0000
Bupropion	3.704	6529186	1424384.41	2430.15	29681664	10.0000
Carbamazepine	4.245	15722183	∞	518.12	440792	10.0000
Carisoprodol	4.213	2043355	297.06	190.70	15720190	10.0000
Chlordiazepoxide	4.533	1096107	1451.44	226.19	33313469	10.0000
Chlorpheniramine	3.917	7944997	302.23	4336.71	19571205	10.0000
Chlorpromazine	4.561	1457075	475729.91	275786.8	9035793	10.0000
Citalopram	4.051	3552386	328.73	271.61	67916922	10.0000
Clomipramine	4.577	2306199	12794.20	3878.25	67916922	10.0000
Clonazepam	4.423	2151938	1080.95	398.99	440792	10.0000
Clonazolam	4.373	2116480	2223.82	158651.9	33313469	10.0000

AM #25 Multi-Drug Screen. Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Clozapine	4.128	3564314	225.45	662.30	18101451	10.0000
Cocaethylene	3.789	5041139	2118966.92	777386.29	40055272	10.0000
Cocaine	3.560	4955387	4124541.89	576.61	40055272	10.0000
Codeine	2.763	438325	19946.80	310.65	12853590	10.0000
Cyclobenzaprine	4.320	2924012	513.82	55.28	8331233	10.0000
Desipramine	4.351	4648221	460.63	240.69	8331233	10.0000
Dextromethorphan	4.056	2608966	477.75	221874.50	19571205	10.0000
Dextrorphan	3.378	3162225	1479.59	493266.24	19571205	10.0000
Diazepam	4.842	1876508	313.53	738.81	33313469	10.0000
Dihydrocodeine	2.746	1181829	307.95	333.39	12853590	10.0000
Diphenhydramine	4.011	12418263	870.37	271637.04	67916922	10.0000
DMT	2.968	586223	3603.43	2911.97	19571205	10.0000
Doxepin	4.118	2530275	508.71	137.69	29761192	10.0000
Doxylamine	3.593	8513165	218.92	43787.88	19571205	10.0000
Duloxetine	4.318	90989	67256.97	18364.08	1417001	10.0000
EDDP	4.087	165434	58.65	28.34	1312584	10.0000
Estazolam	4.549	7067278	∞	922.08	33313469	10.0000
Etizolam	4.650	378233	111149.57	995.41	33313469	10.0000
Fentanyl	3.973	433408	274.11	3143.01	33484256	10.0000
Flualprazolam	4.498	1255336	922719.86	16897.33	33313469	10.0000
Flunitrazepam	4.562	4054921	613.86	622.07	33313469	10.0000
Fluorofentanyl	3.987	752561	4037.20	486.67	33484256	10.0000
Fluoxetine	4.300	2581826	1311.88	49.49	3686764	10.0000
Flurazepam	4.094	4220589	274.77	10334.40	33313469	10.0000
Hydrocodone	2.946	1796381	8975.99	345.89	12853590	10.0000
Hydromorphone	2.429	1746718	1388.90	563.91	368594	10.0000
Hydroxyzine	4.403	2863006	704.27	649.98	18101451	10.0000
Imipramine	4.349	7540314	451.94	∞	8331233	10.0000
Ketamine	3.334	4750188	879.07	107.34	18311766	10.0000
Lamotrigine	3.471	4434420	6750.36	19145.79	67916922	10.0000
Levamisole	2.921	4109874	925.49	410.81	40055272	10.0000
Levetiracetam	2.663	3212701	537.26	394.71	67916922	10.0000
Lorazepam	4.437	537300	79.98	211.34	33313469	10.0000
Maprotiline	4.381	1512029	378.70	260.20	8331233	10.0000
MDA	3.014	4417793	712.83	406.93	44335743	10.0000
MDEA	3.243	7219368	623.94	701.22	44335743	10.0000
MDMA	3.090	8749563	1403.63	568.89	44335743	10.0000
Meperidine	3.564	3653468	307.95	247.49	19571205	10.0000
Meprobamate	3.675	1453830	247.89	205.53	15720190	10.0000
Methadone	4.377	10174356	419.31	881.59	1312584	10.0000
Methamphetamine	3.000	9375236	381.53	769.58	44335743	10.0000
Methocarbamol	3.595	417725	29.84	21.20	1312584	10.0000
Methylphenidate	3.504	14950036	1169.71	734.03	30156449	10.0000
Metoprolol	3.439	1035207	1064.08	315.65	19571205	10.0000
Midazolam	4.329	630328	286.37	159.14	33313469	10.0000
Mirtazapine	3.670	2993839	2255.76	3204.78	19571205	10.0000
Mitragynine	4.109	685529	4060.72	546173.32	19571205	10.0000
Morphine	2.263	386972	∞	264.99	368594	10.0000
Norbuprenorphine	3.800	122376	51491.73	45941.54	4357088	10.0000
Nordiazepam	4.705	2149184	545.90	280.57	33313469	10.0000
Norfentanyl	3.334	10014088	10655.15	906.06	47993418	10.0000
Norhydrocodone	2.932	185467	53.15	229.05	368594	10.0000
Norketamine	3.304	865771	258.76	2925.10	18311766	10.0000
Normeperidine	3.596	3042564	2112511.43	407.36	67916922	10.0000
Noroxycodone	2.884	1630744	∞	392.93	18311766	10.0000
Nortriptyline	4.382	2011494	951.45	355.22	8331233	10.0000

Cal

Generated at 11:17 AM on 3/5/2024

AM #25 Multi-Drug Screen. Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
O-desmethyl-tramadol	2.918	8685512	2461.94	108.12	67916922	10.0000
O-desmethylvenlafaxine	3.254	2034225	1513.50	1.81	13057294	10.0000
Olanzapine	3.143	1565816	4607.31	214.68	440792	10.0000
Oxazepam	4.503	2522779	376.12	213.21	20276756	10.0000
Oxycodone	2.898	3672638	917.11	427.59	18311766	10.0000
Oxymorphone	2.336	1829592	132.90	463.93	368594	10.0000
Paroxetine	4.297	395928	141.68	39857.14	3686764	10.0000
Phenazepam	4.635	4501942	697121.66	1703.48	33313469	10.0000
Phencyclidine	3.920	9408716	708.80	1516.40	19571205	10.0000
Phentermine	3.154	2160713	104.69	72.99	30156449	10.0000
Phenytoin	4.121	796771	7560.08	144.79	440792	10.0000
Primidone	3.475	15128872	7991535.95	1586.43	440792	10.0000
Promethazine	4.272	7059455	539.29	280.91	67916922	10.0000
Pseudoephedrine	2.724	73387930	599.66	29927.67	44335743	10.0000
Quetiapine	4.202	4808103	1834.30	537.85	47072481	10.0000
Risperidone	3.970	5386100	227051.22	5233.89	39276019	10.0000
Sertraline	4.532	753670	391077.66	1467.86	3686764	10.0000
Sufentanil	4.217	365341	153375.81	328.48	47993418	10.0000
Tapentadol	3.444	7256620	1152.53	369.07	18311766	10.0000
Temazepam	4.687	6364735	350.97	72.79	33313469	10.0000
Topiramate	3.849	1178794	430367.28	191013.1	382234	10.0000
				0		
Tramadol	3.424	23580221	∞	40.76	67916922	10.0000
Trazodone	4.033	5463295	816.03	739.08	29761192	10.0000
Venlafaxine	3.793	8083306	733.64	477.58	13057294	10.0000
Xylazine	3.382	4158406	5797.32	90.71	18311766	10.0000
Zaleplon	4.348	3392221	775908.65	771592.7	47072481	10.0000
				4		
Zolpidem	3.759	9937438	1475.71	2189.48	47072481	10.0000
Zopiclone	3.709	415535	41855.55	110376.4	2288271	10.0000
				1		

2

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

Extraction Date: 02/28/2024

Plate lot#: 231212

Mobile phase A: 10mM Amm Form

Blank Blood Lot: Lampire 23E52981

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 06/12/2024

Mobile phase B: 0.1% Formic Acid in MeOH

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 (if applicable): 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, add **1000µl blood or 1000µl hydrolyzed urine** into the appropriate wells of analytical (standards) plate. **Pipette ID: #42**
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Pipette **500µL 0.1% formic acid in water to blood samples and 500µl of saturated phosphate buffer to urine samples** to the appropriate wells of the analytical plate.
- 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 7. Transfer **800µL of blood+acid mixture or urine+acid** to corresponding wells of SLE+ plate.
- 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)** Manifold ID: 067104
- 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. **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, 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:

8

	1	2	3	4	5	6
a	cal 1ng	QC 2	M2024-0580-4	P2024-0264-1	P2024-0392-1	P2024-0259-1*
b	cal 3 ng	NEG CTRL	P2023-3296-1	P2024-0276-2*	P2024-0393-1	P2024-0276-2*
c	cal 5 ng	M2024-0391-1	P2024-0142-1	P2024-0280-2	P2024-0394-1	
d	cal 10ng	M2024-0440-1	P2024-0157-1	P2024-0283-1	P2024-0412-1	
e	cal 25 ng	M2024-0478-1	P2024-0195-1	P2024-0285-1	P2024-0419-3	
f	cal 50 ng	M2024-0495-2	P2024-0250-1	P2024-0307-1	P2024-0446-1	
g	cal 100 ng	M2024-0510-1	P2024-0255-1	P2024-0372-1	P2024-0455-1	
h	QC 1	M2024-0526-3	P2024-0259-1*	P2024-0383-1		

*Moved during SLE portion of the extraction due to clotting

AM #26 Cannabinoids Screen Results



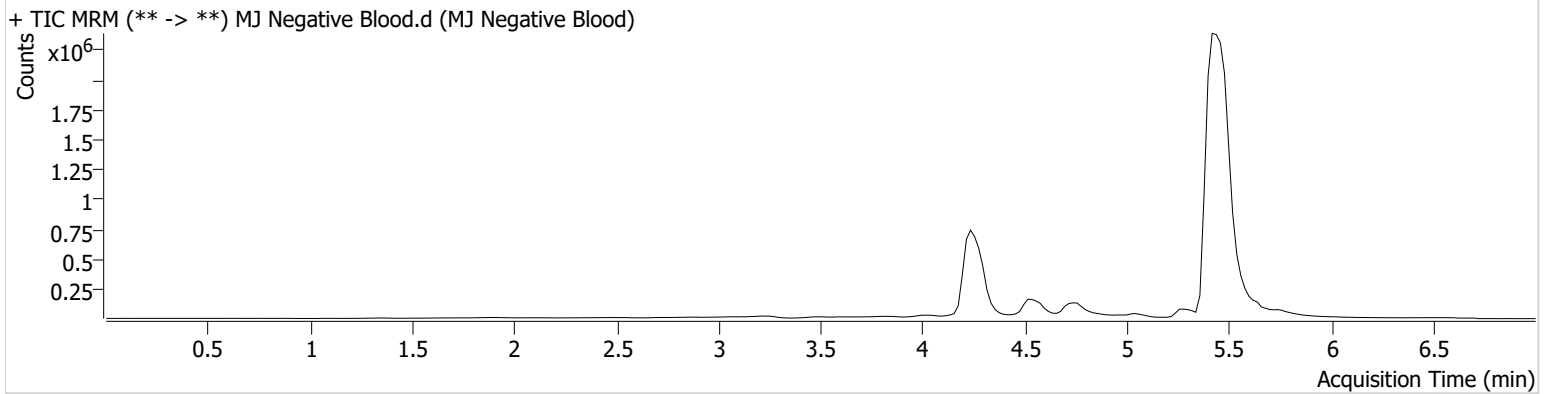
Batch results D:\MassHunter\Data\2024\AM 25 26\022824 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 3/5/2024 9:27:44 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P1-B2
Injection Volume 10
Acq. Date-Time 2/28/2024 1:07:08 PM
Sample Info.

Data File MJ Negative Blood.d
Sample MJ Negative Blood
Operator Celena Shrum
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 #26 Cannabinoids Screen Results



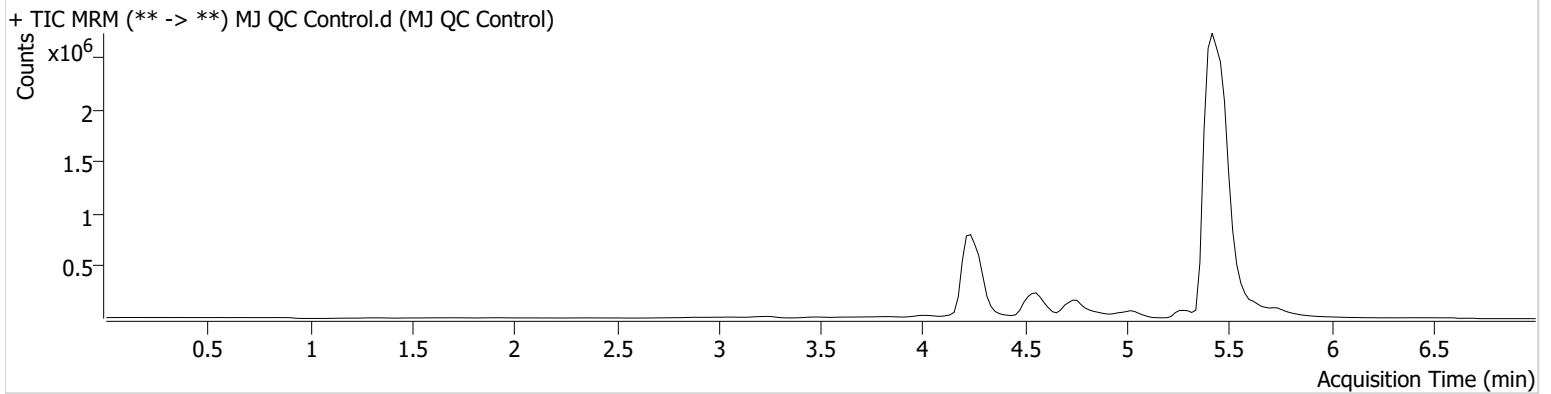
Batch results D:\MassHunter\Data\2024\AM 25 26\022824 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 3/5/2024 9:27:44 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-H1
Injection Volume 10
Acq. Date-Time 2/28/2024 12:51:58 PM
Sample Info.

Data File MJ QC Control.d
Sample MJ QC Control
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.369	4837	203453	5.01 ng/ml
THC-COOH	4.556	189767	1032535	14.61 ng/ml
THC-OH	4.242	42331	4572141	4.85 ng/ml

AM #26 Cannabinoids Screen Results



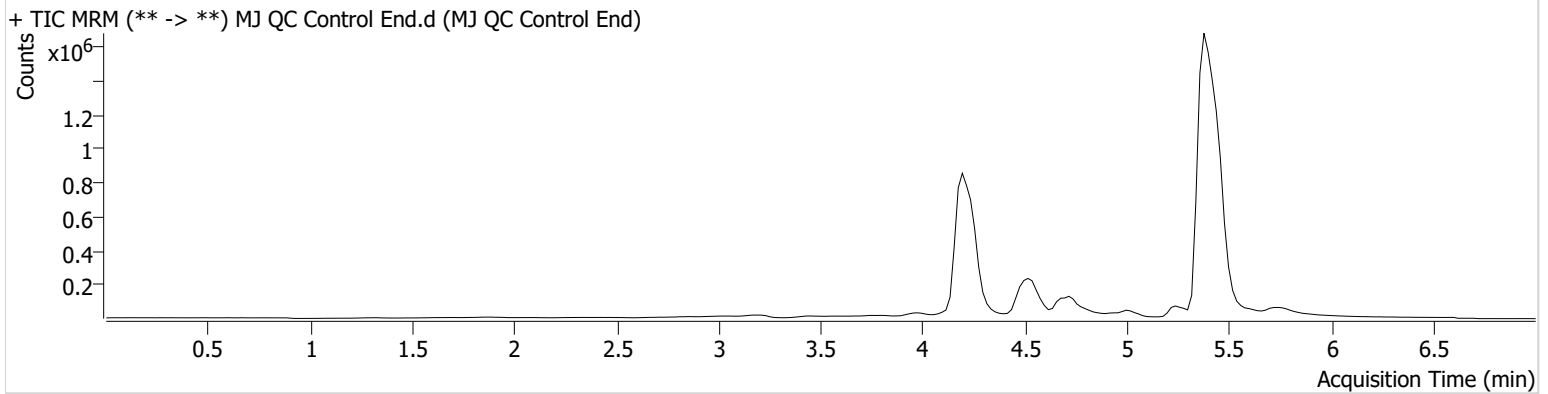
Batch results D:\MassHunter\Data\2024\AM 25 26\022824 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 3/5/2024 9:27:44 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-A2
Injection Volume 10
Acq. Date-Time 2/28/2024 4:54:17 PM
Sample Info.

Data File MJ QC Control End.d
Sample MJ QC Control End
Operator Celena Shrum
Comment

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Sample Chromatogram

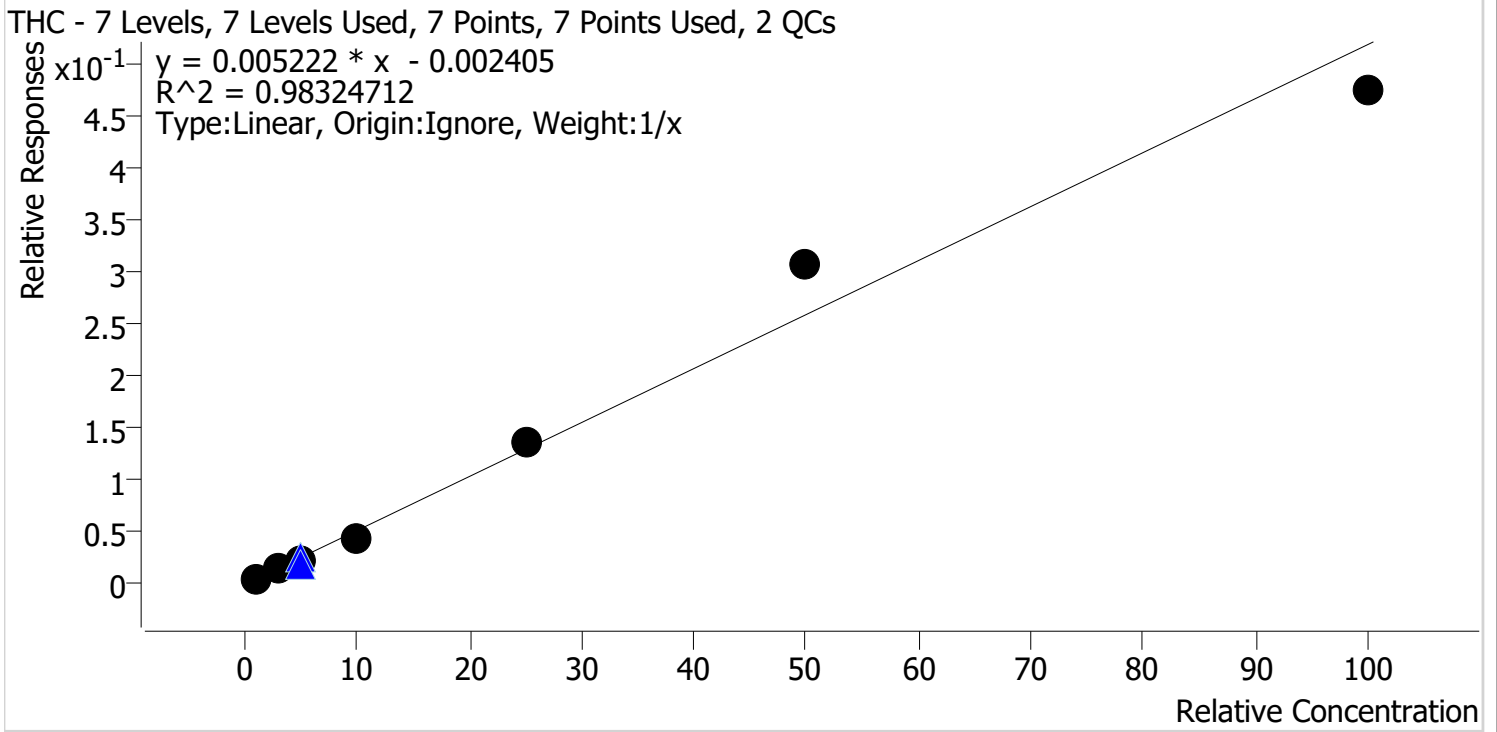


Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.349	3648	222248	3.60 ng/ml
THC-COOH	4.536	184429	1008258	14.55 ng/ml
THC-OH	4.222	44240	4833916	4.79 ng/ml



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\022824 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 3/5/2024 9:27 AM
Analyst Name ISP\datastor
Analyte THC **Internal Standard** THC-D3

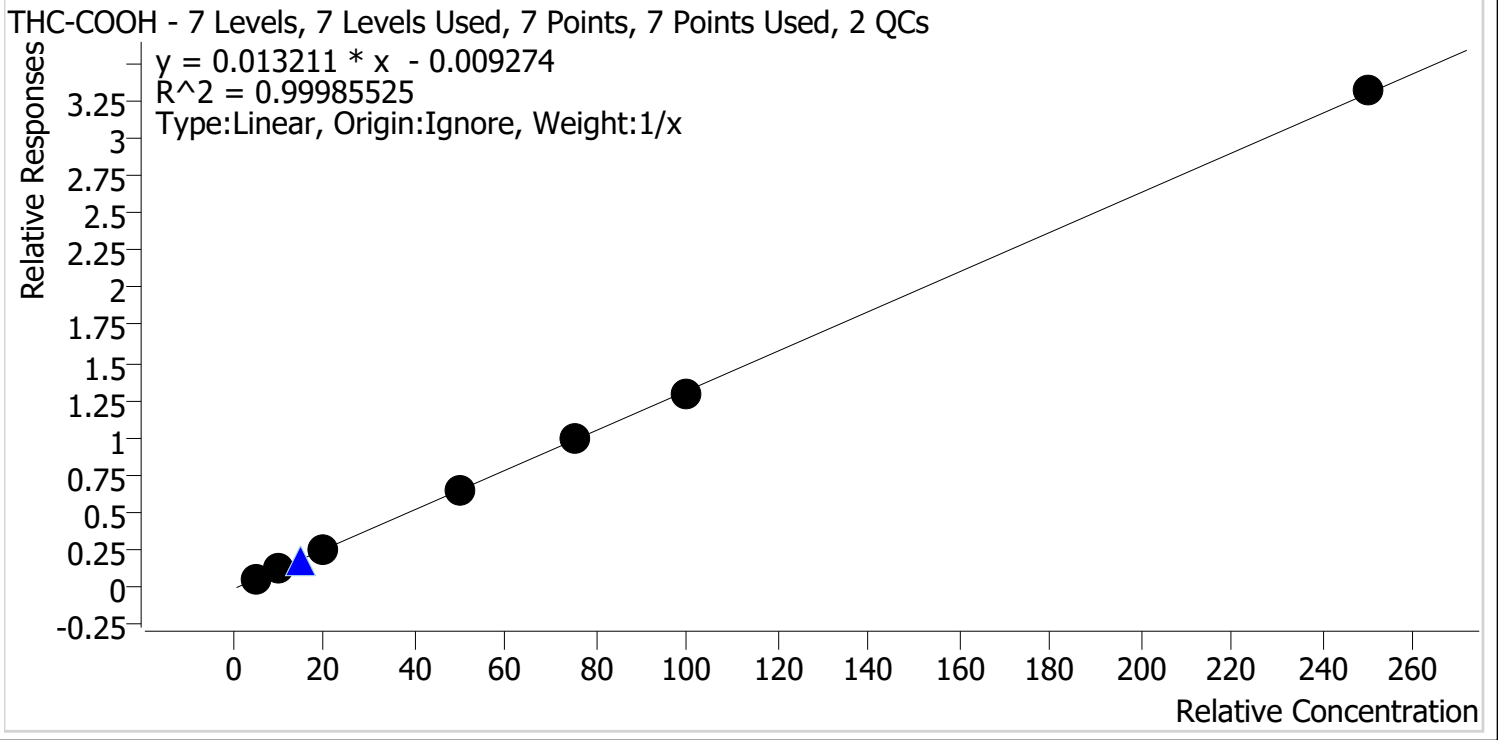


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.1	106.7
MJ Cal 2	2	✓	3.0	3.2	105.4
MJ Cal 3	3	✓	5.0	4.5	89.1
MJ Cal 4	4	✓	10.0	8.4	83.6
MJ Cal 5	5	✓	25.0	26.4	105.6
MJ Cal 6	6	✓	50.0	59.1	118.2
MJ Cal 7	7	✓	100.0	91.4	91.4



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\022824 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 3/5/2024 9:27 AM
Analyst Name ISP\datastor
Analyte THC-COOH **Internal Standard** THC-COOH-D9

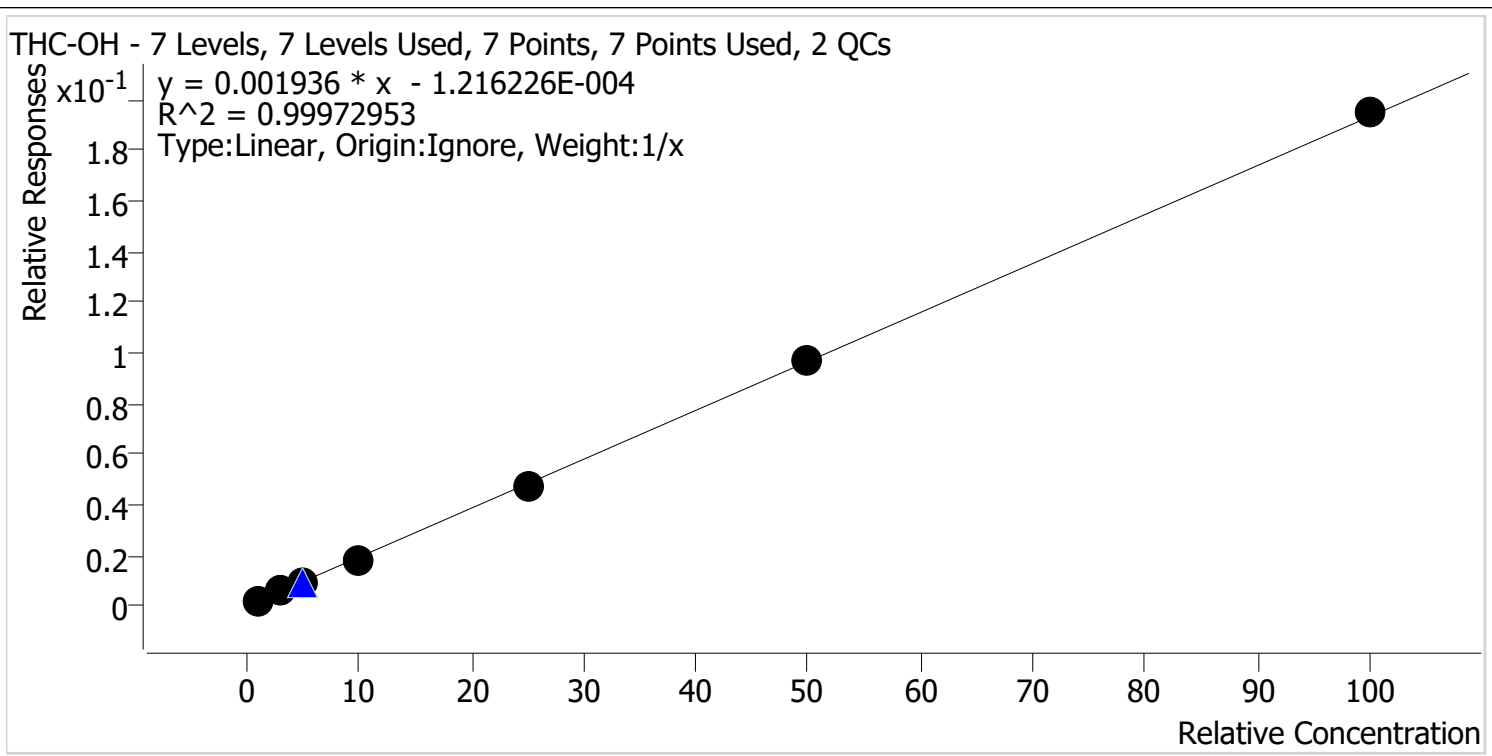


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	5.2	103.7
MJ Cal 2	2	✓	10.0	9.8	98.5
MJ Cal 3	3	✓	20.0	19.6	97.9
MJ Cal 4	4	✓	50.0	50.3	100.6
MJ Cal 5	5	✓	75.0	75.3	100.5
MJ Cal 6	6	✓	100.0	98.4	98.4
MJ Cal 7	7	✓	250.0	251.4	100.6



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\022824 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 3/5/2024 9:27 AM
Analyst Name ISP\datastor
Analyte THC-OH **Internal Standard** THC-OH-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.1	109.5
MJ Cal 2	2	✓	3.0	2.9	98.1
MJ Cal 3	3	✓	5.0	4.8	96.8
MJ Cal 4	4	✓	10.0	9.6	96.2
MJ Cal 5	5	✓	25.0	24.5	98.1
MJ Cal 6	6	✓	50.0	50.2	100.4
MJ Cal 7	7	✓	100.0	100.8	100.8

AM #26 Cannabinoids Screen Results



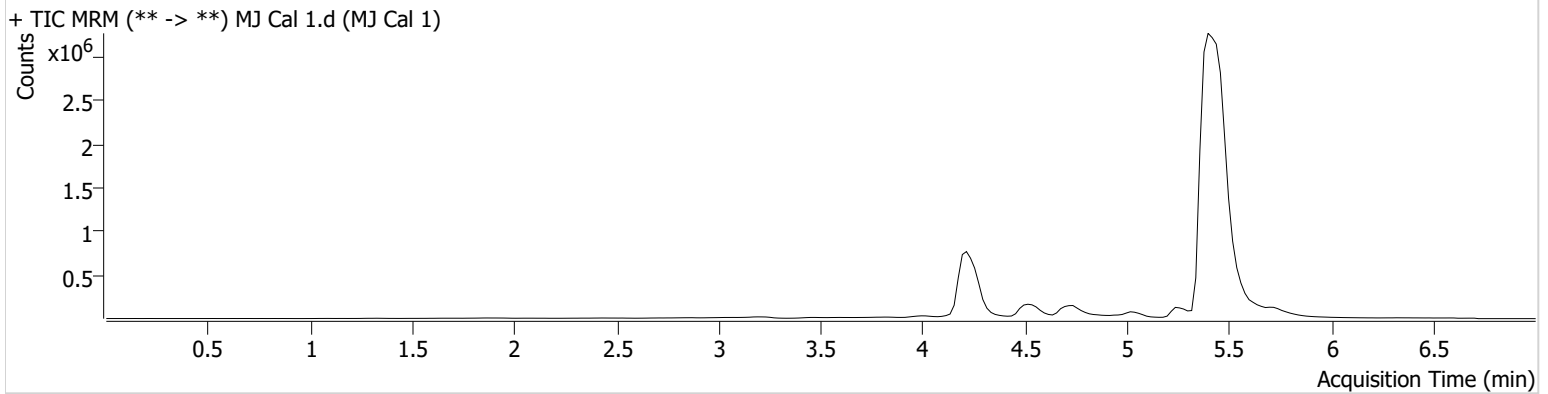
Batch results D:\MassHunter\Data\2024\AM 25 26\022824 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 3/5/2024 9:27:44 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-A1
Injection Volume 10
Acq. Date-Time 2/28/2024 11:58:48 AM
Sample Info.

Data File MJ Cal 1.d
Sample MJ Cal 1
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.349	875	276454	1.07 ng/ml Low
THC-COOH	4.536	49849	841642	5.19 ng/ml
THC-OH	4.222	9049	4527599	1.10 ng/ml Low



AM #26 Cannabinoids Screen Results

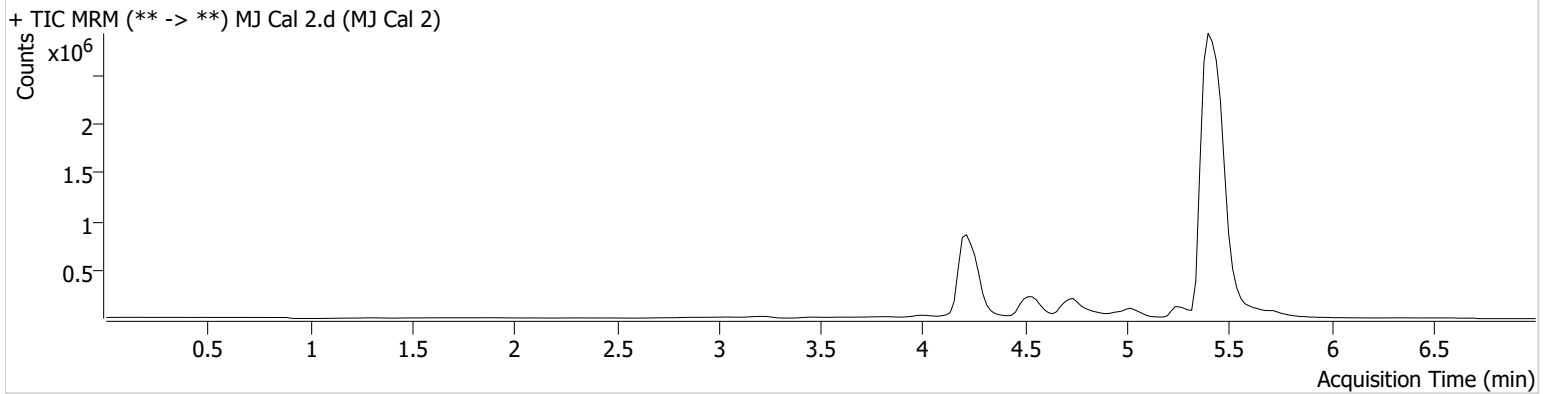
Batch results D:\MassHunter\Data\2024\AM 25 26\022824 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 3/5/2024 9:27:44 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-B1
Injection Volume 10
Acq. Date-Time 2/28/2024 12:06:32 PM
Sample Info.

Data File MJ Cal 2.d
Sample MJ Cal 2
Operator Celena Shrum
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	5.369	5081	360202	3.16 ng/ml
THC-COOH	4.536	130534	1080633	9.85 ng/ml
THC-OH	4.222	27733	4973919	2.94 ng/ml Low

AM #26 Cannabinoids Screen Results



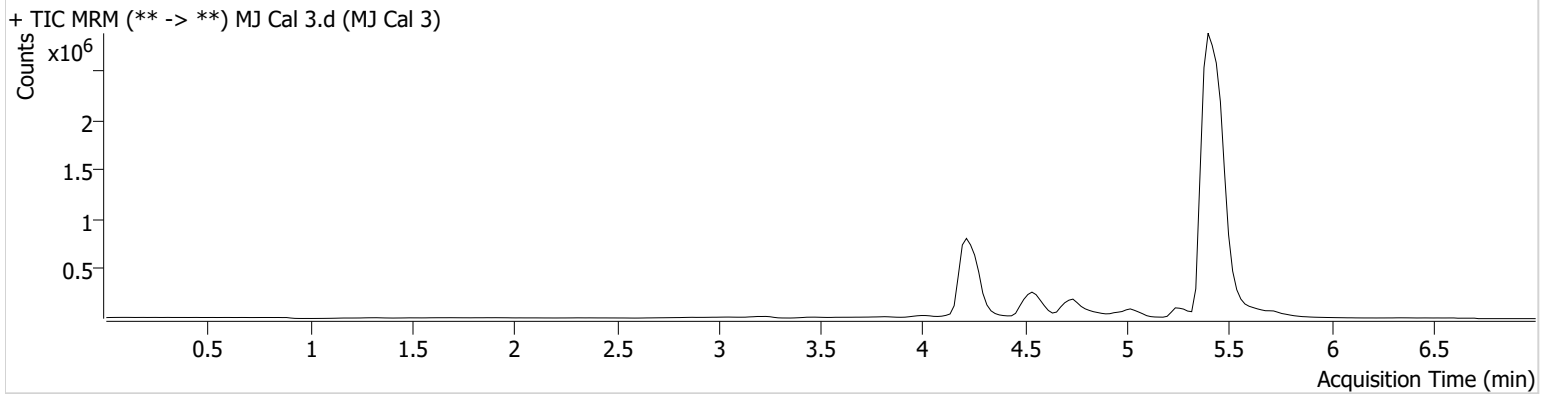
Batch results D:\MassHunter\Data\2024\AM 25 26\022824 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 3/5/2024 9:27:44 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-C1
Injection Volume 10
Acq. Date-Time 2/28/2024 12:14:07 PM
Sample Info.

Data File MJ Cal 3.d
Sample MJ Cal 3
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.369	6725	322567	4.45 ng/ml
THC-COOH	4.536	247152	991093	19.58 ng/ml
THC-OH	4.222	41840	4524088	4.84 ng/ml

AM #26 Cannabinoids Screen Results



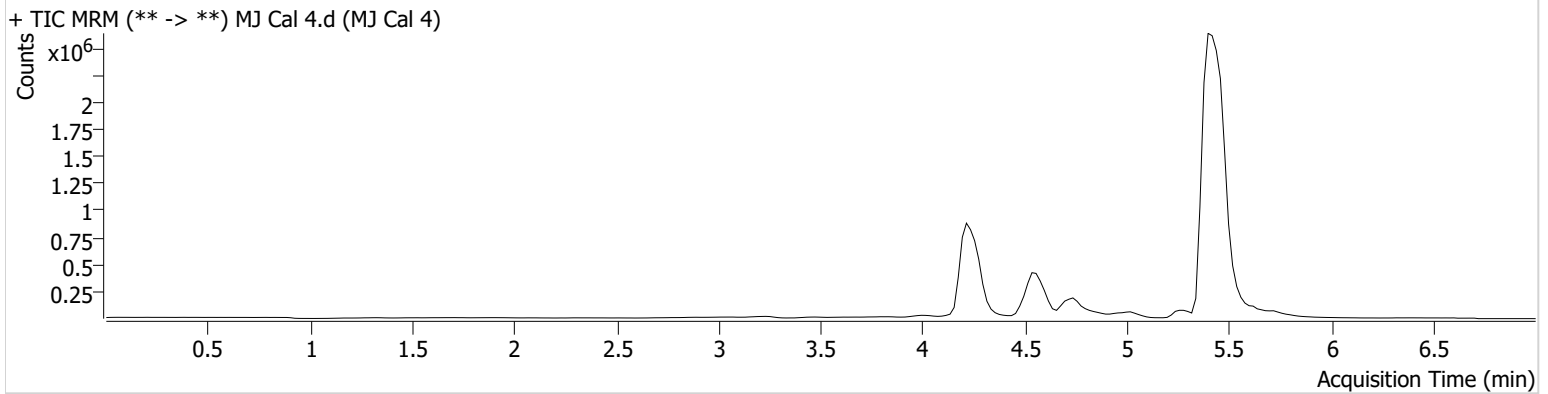
Batch results D:\MassHunter\Data\2024\AM 25 26\022824 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 3/5/2024 9:27:44 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-D1
Injection Volume 10
Acq. Date-Time 2/28/2024 12:21:41 PM
Sample Info.

Data File MJ Cal 4.d
Sample MJ Cal 4
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.369	12000	290955	8.36 ng/ml
THC-COOH	4.556	643320	982219	50.28 ng/ml
THC-OH	4.242	84502	4566309	9.62 ng/ml

AM #26 Cannabinoids Screen Results



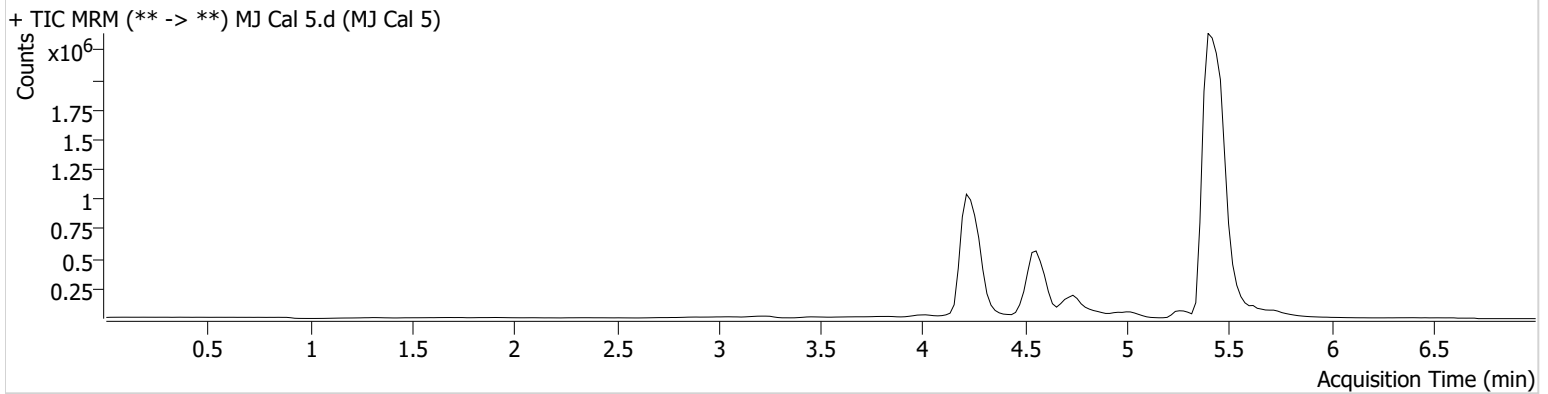
Batch results D:\MassHunter\Data\2024\AM 25 26\022824 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 3/5/2024 9:27:44 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-E1
Injection Volume 10
Acq. Date-Time 2/28/2024 12:29:15 PM
Sample Info.

Data File MJ Cal 5.d
Sample MJ Cal 5
Operator Celena Shrum
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	5.369	29437	217272	26.40 ng/ml
THC-COOH	4.556	951967	965326	75.35 ng/ml
THC-OH	4.242	214700	4532416	24.54 ng/ml

AM #26 Cannabinoids Screen Results



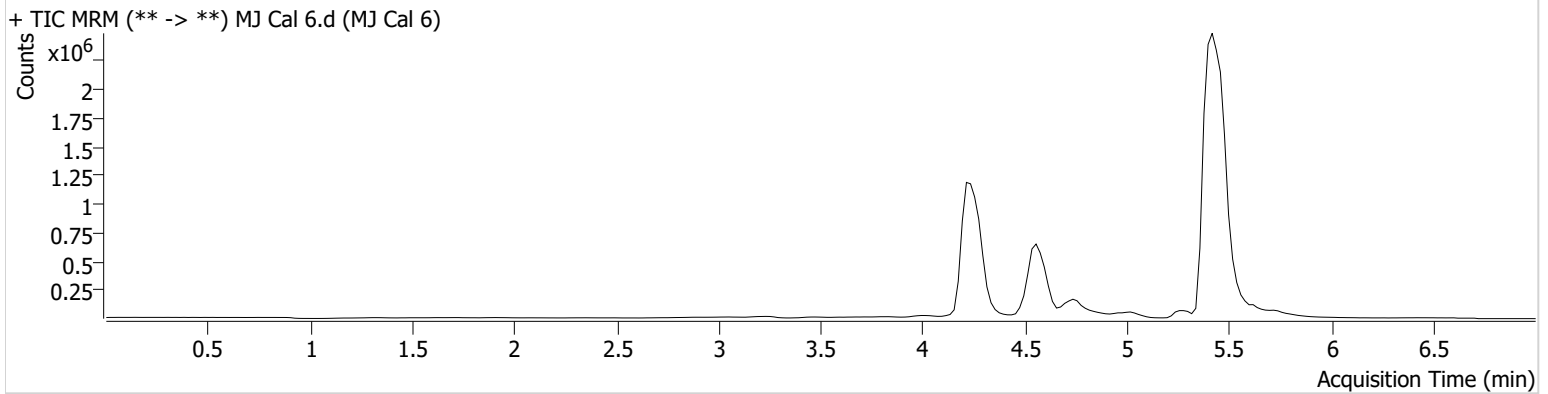
Batch results D:\MassHunter\Data\2024\AM 25 26\022824 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 3/5/2024 9:27:44 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-F1
Injection Volume 10
Acq. Date-Time 2/28/2024 12:36:49 PM
Sample Info.

Data File MJ Cal 6.d
Sample MJ Cal 6
Operator Celena Shrum
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	5.369	48348	157844	59.11 ng/ml
THC-COOH	4.556	1153831	894317	98.36 ng/ml
THC-OH	4.242	392781	4049244	50.18 ng/ml

AM #26 Cannabinoids Screen Results



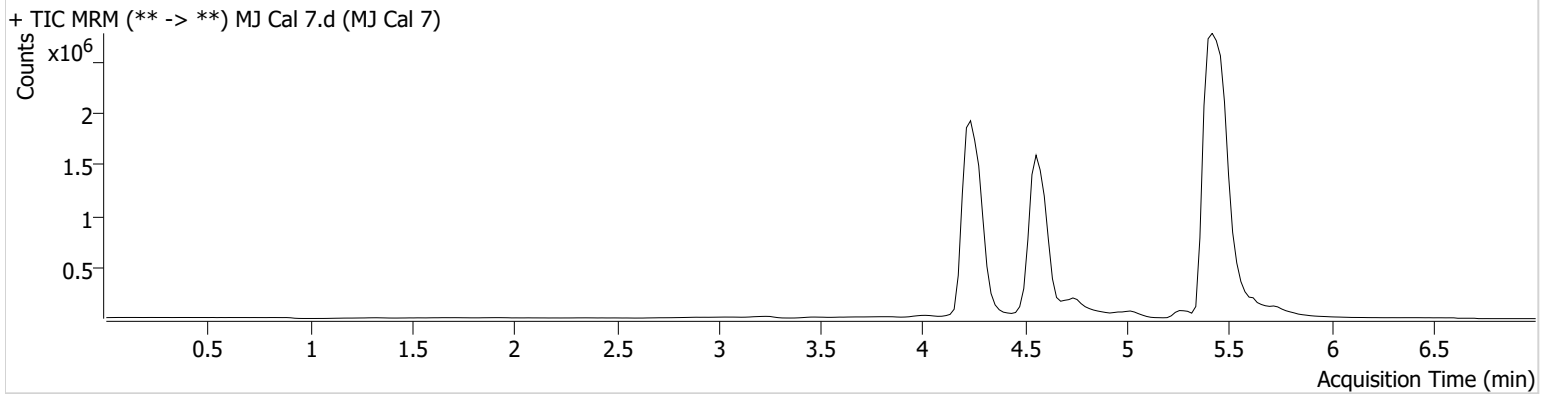
Batch results D:\MassHunter\Data\2024\AM 25 26\022824 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 3/5/2024 9:27:44 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-G1
Injection Volume 10
Acq. Date-Time 2/28/2024 12:44:23 PM
Sample Info.

Data File MJ Cal 7.d
Sample MJ Cal 7
Operator Celena Shrum
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	5.369	73920	155578	91.44 ng/ml
THC-COOH	4.556	3238673	977883	251.40 ng/ml
THC-OH	4.242	882501	4526955	100.78 ng/ml