













Worklist: 6751

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-0854	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-0986	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-1017	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-1056	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-1071	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0534	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0553	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0642	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0673	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0778	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0779	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0780	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0783	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0792	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0810	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0811	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
P2024-0811	2	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
P2024-0811	3	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
P2024-0811	4	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
P2024-0812	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0814	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

Worklist: 6751

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2024-0853	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0861	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0873	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0880	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0881	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0882	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0883	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: 04/02/2024

Plate lot#: 231213

Mobile phase A: 10mM Amm Form

Instant Buffer I

Blank Blood Lot: Lampire 23A52595

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)

Blank Urine Lot: POC021022

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): 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** into the appropriate wells of the 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: 300µl
- 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 **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 of 1% HCl in MeOH to all wells in the run and place ACT cover on top of plate prior to drying.
- 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:

8

	1	2	3	4	5	6	7
A	CAL	M2024-1017-2	P2024-0780-1	P2024-0873-1	P2024-0811-3		
B		M2024-1056-1	P2024-0783-1	P2024-0880-1	P2024-0811-4		
C		P2024-0534-2	P2024-0792-1	P2024-0881-1			
D	Internal Urine Control	P2024-0553-1	P2024-0810-1	P2024-0882-1			
E	NEG BLOOD	P2024-0642-2	P2024-0812-1	P2024-0883-1			
F	NEG URINE	P2024-0673-1	P2024-0814-1	M2024-1071-2			
G	M2024-0854-1	P2024-0778-1	P2024-0853-1	P2024-0811-1			
H	M2024-0986-1	P2024-0779-1	P2024-0861-1	P2024-0811-2			

AM #25 Multi-Drug Screen. Results



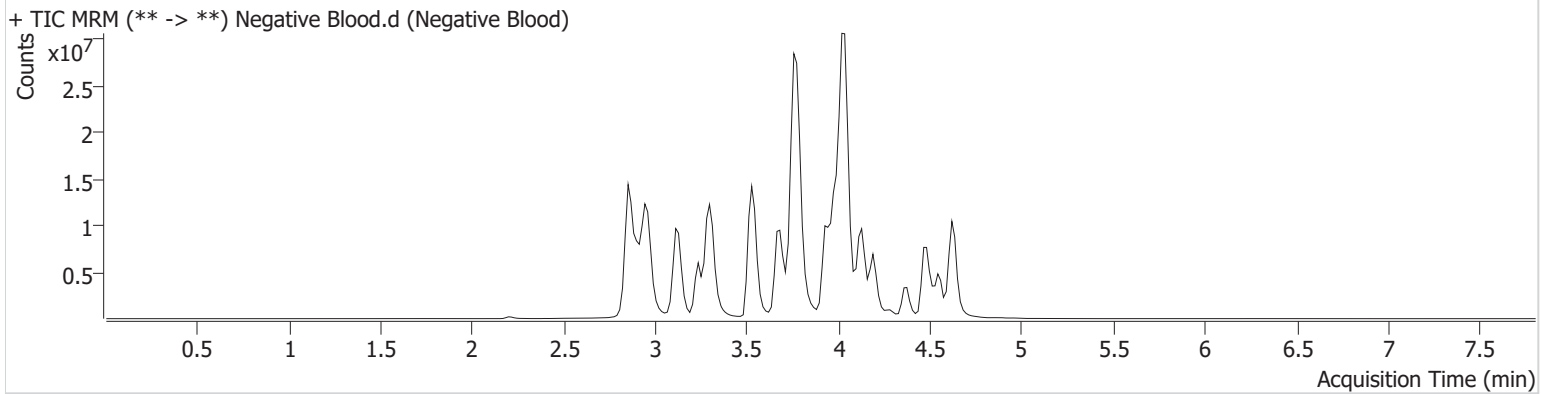
Batch results D:\MassHunter\Data\2024\AM 25 26\040224 AM 25 26 CS\QuantResults\AM 25.batch.bin
Calibration Last Update 4/4/2024 1:11:44 PM

Instrument Falco (069901)
Type Sample
Acq. Method AM 25 MDS.m
Sample Position P2-E1
Injection Volume 5
Acq. Date-Time 4/2/2024 7:41:55 PM
Sample Info.

Data File Negative Blood.d
Sample 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 #25 Multi-Drug Screen. Results



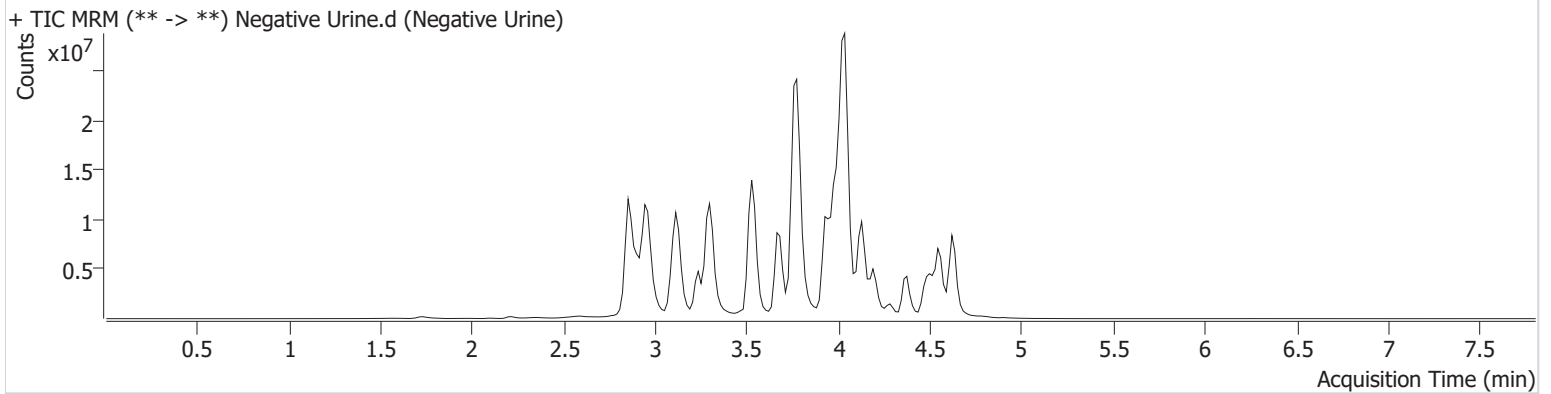
Batch results D:\MassHunter\Data\2024\AM 25 26\040224 AM 25 26 CS\QuantResults\AM 25.batch.bin
Calibration Last Update 4/4/2024 1:11:44 PM

Instrument Falco (069901)
Type Sample
Acq. Method AM 25 MDS.m
Sample Position P2-F1
Injection Volume 5
Acq. Date-Time 4/2/2024 7:50:19 PM
Sample Info.

Data File Negative Urine.d
Sample Negative Urine
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



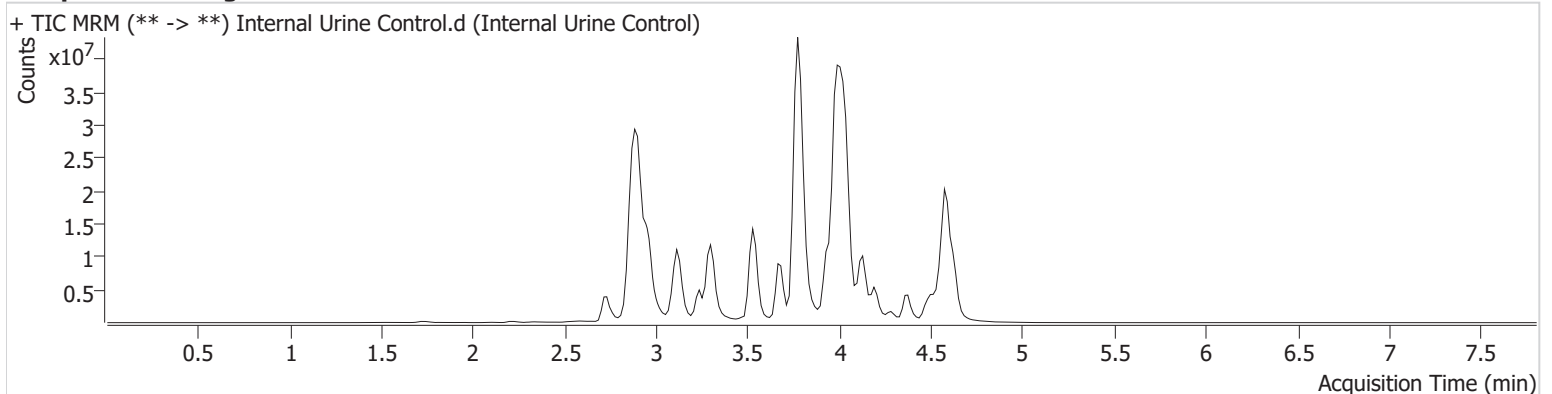
AM #25 Multi-Drug Screen. Results



Batch results D:\MassHunter\Data\2024\AM 25 26\040224 AM 25 26 CS\QuantResults\AM 25.batch.bin
Calibration Last Update 4/4/2024 1:11:44 PM

Instrument	Falco (069901)	Data File	Internal Urine Control.d
Type	Sample	Sample	Internal Urine Control
Acq. Method	AM 25 MDS.m	Operator	Celena Shrum
Sample Position	P2-D1	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	4/2/2024 7:58:45 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Alprazolam	4.578	28905945	727.08	799.29	18544805	123.9202
Amphetamine	2.894	39907197	37380.33	4187.69	16398713	107.9039
Codeine	2.732	5895572	1226.90	5933.06	11323374	199.5317
Diphenhydramine	3.996	58332734	385924.26	2419.87	49041591	38.8634
Zolpidem	3.790	54740677	2261.50	2439.60	36793915	48.6754

AM #25 Multi-Drug Screen. Results

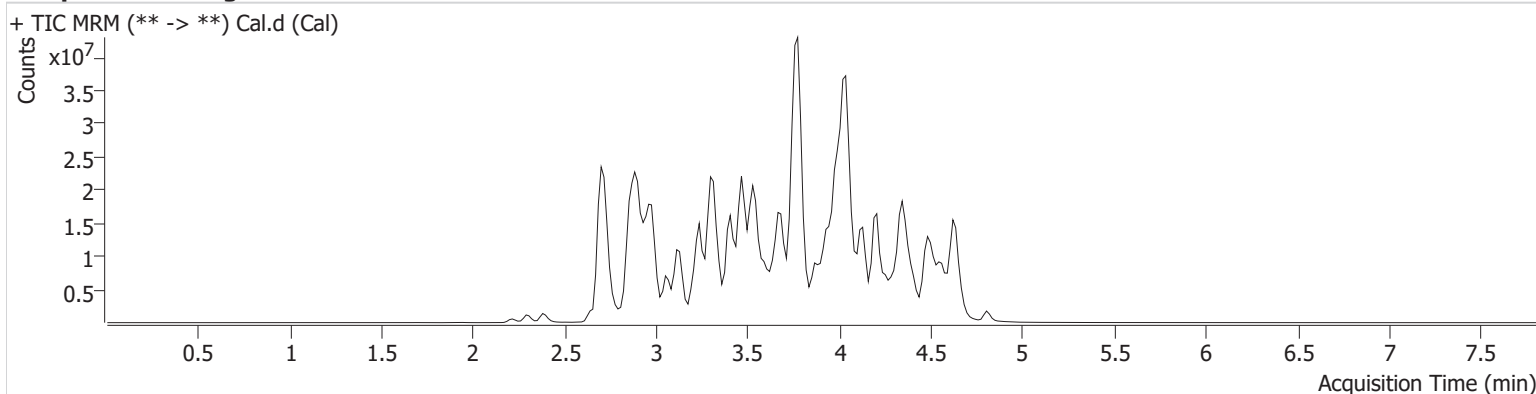


Batch results D:\MassHunter\Data\2024\AM 25 26\040224 AM 25 26 CS\QuantResults\AM 25.batch.bin
Calibration Last Update 4/4/2024 1:11:44 PM

Instrument Falco (069901) **Data File** Cal.d
Type Cal **Sample** Cal
Acq. Method AM 25 MDS.m **Operator** Celena Shrum
Sample Position P2-A1 **Comment**
Injection Volume 5
Acq. Date-Time 4/2/2024 7:33:21 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	2454144	205.72	651.29	23885981	10.0000
6-MAM	2.836	69869	19444.90	1974.02	3388822	10.0000
7-aminoclonazepam	3.546	1317118	196.36	240.42	7695585	10.0000
7-aminoflunitrazepam	3.746	2696332	647.80	805207.2	7695585	10.0000
9-Hydroxyrisperidone	3.769	12279814	4262.61	80938.45	40546086	10.0000
Acetyl Fentanyl	3.711	607062	508.27	238163.5	41769581	10.0000
Acetyl Norfentanyl	2.889	445313	253.93	732.70	41769581	10.0000
a-hydroxyalprazolam	4.483	295218	115.08	17868.42	7695585	10.0000
alpha-hydroxymidazolam	4.512	2851538	573.96	706.01	7695585	10.0000
Alpha-PHP	3.750	4342732	12233.08	2218.89	41769581	10.0000
alpha-PVP	3.489	6323871	545.79	522.39	22131985	10.0000
Alprazolam	4.578	3583705	674.73	559.38	28491124	10.0000
Amitriptyline	4.366	2173486	235.91	310.91	10070278	10.0000
Amphetamine	2.894	4991426	842.57	1041.56	22131985	10.0000
Benzoylecgonine	3.360	134206	21735.11	52.46	729689	10.0000
Bromazolam	4.650	1589209	20927.53	5285.42	28491124	10.0000
Brompheniramine	3.990	150971	108.86	1796.63	51946876	10.0000
Buprenorphine	4.046	76232	43.70	3831.74	4912395	10.0000
Bupropion	3.688	8355793	2675.01	15620.50	31018033	10.0000
Carbamazepine	4.214	17520929	∞	∞	503971	10.0000
Carisoprodol	4.213	1906875	199106.09	404.47	16399558	10.0000
Chlordiazepoxide	4.626	1247926	328.34	∞	28491124	10.0000
Chlorpheniramine	3.901	13378209	645.69	15.50	21696445	10.0000
Chlorpromazine	4.546	1839211	462421.51	581.94	11292174	10.0000
Citalopram	4.020	4335206	383.53	403733.4	51946876	10.0000
Clomipramine	4.562	2321852	7754.03	4651.42	51946876	10.0000
Clonazepam	4.407	2607129	1162.44	497562.6	503971	10.0000
Clonazolam	4.342	2077121	406393.60	421540.8	28491124	10.0000

AM #25 Multi-Drug Screen. Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Clozapine	4.128	5333808	1008.14	1005.45	28874277	10.0000
Cocaethylene	3.743	6069792	3549577.59	1618698.77	40978398	10.0000
Cocaine	3.529	6634971	2293067.23	675.74	40978398	10.0000
Codeine	2.732	431539	109628.18	1618.95	16537952	10.0000
Cyclobenzaprine	4.289	3812095	543.99	53.58	10070278	10.0000
Desipramine	4.336	5562849	1185.14	636.02	10070278	10.0000
Dextromethorphan	4.025	2861083	524.69	451.62	21696445	10.0000
Dextrorphan	3.347	4136429	895.97	703.27	21696445	10.0000
Diazepam	4.811	2298387	637.43	7664.66	28491124	10.0000
Dihydrocodeine	2.685	1324126	949.98	617.39	16537952	10.0000
Diphenhydramine	3.996	15898892	82218.13	1637.46	51946876	10.0000
DMT	2.952	1012235	4872.64	2110.88	21696445	10.0000
Doxepin	4.102	3335696	6151.30	72.58	31671664	10.0000
Doxylamine	3.608	12383065	10447.64	10721.96	21696445	10.0000
Duloxetine	4.286	77660	40.78	30742.98	1404300	10.0000
EDDP	4.040	518414	89.11	289890.50	3763459	10.0000
Estazolam	4.502	6719154	1805.25	690.88	28491124	10.0000
Etizolam	4.589	497270	178.92	2518444.73	28491124	10.0000
Fentanyl	3.942	524932	345.93	91157.24	30670792	10.0000
Flualprazolam	4.452	1780093	543542.26	27035.48	28491124	10.0000
Flunitrazepam	4.531	4194953	22980.63	15748.85	28491124	10.0000
Fluorofentanyl	3.956	814549	400007.77	1071.28	30670792	10.0000
Fluoxetine	4.300	2925439	2230.78	435.66	3813985	10.0000
Flurazepam	4.063	5036052	1470.79	4701.15	28491124	10.0000
Hydrocodone	2.916	2301899	572.38	386.18	16537952	10.0000
Hydromorphone	2.383	2217845	647.08	526.72	590361	10.0000
Hydroxyzine	4.387	4579640	7737.75	15871.51	28874277	10.0000
Imipramine	4.334	9897118	8037.53	1345.53	10070278	10.0000
Ketamine	3.318	5965239	2542.51	269.97	21833998	10.0000
Lamotrigine	3.487	5342942	27290.40	50844.50	51946876	10.0000
Levamisole	2.890	4880093	1971.50	550.69	40978398	10.0000
Levetiracetam	2.648	3118174	842.11	899.81	51946876	10.0000
Lorazepam	4.407	724450	278.02	102.03	28491124	10.0000
Maprotiline	4.366	1722412	50.44	254.51	10070278	10.0000
MDA	2.999	5049752	1380.81	96.66	41762654	10.0000
MDEA	3.213	9367487	913.73	1709.94	41762654	10.0000
MDMA	3.059	11760852	1004.04	1575.78	41762654	10.0000
Meperidine	3.549	4353642	555.96	1593.76	21696445	10.0000
Meprobamate	3.659	1577447	664.73	211.21	16399558	10.0000
Methadone	4.347	12632369	1206.83	634.87	3763459	10.0000
Methamphetamine	2.985	12652618	2672.26	341.24	41762654	10.0000
Methocarbamol	3.565	483852	146.36	182993.62	3763459	10.0000
Methylphenidate	3.473	18586646	3035.71	661.04	30856163	10.0000
Metoprolol	3.409	1453905	1312.32	741.12	21696445	10.0000
Midazolam	4.483	1110984	385083.77	533678.48	28491124	10.0000
Mirtazapine	3.639	5200634	948458.54	1548.22	21696445	10.0000
Mitragynine	4.063	913432	546878.34	1539.96	21696445	10.0000
Morphine	2.218	493403	∞	813.09	590361	10.0000
Norbuprenorphine	3.785	162164	65155.06	64894.95	4912395	10.0000
Nordiazepam	4.674	2844306	783.42	418.78	28491124	10.0000
Norfentanyl	3.319	11898940	1187.15	391.71	41769581	10.0000
Norhydrocodone	2.902	216033	109.53	74347.38	590361	10.0000
Norketamine	3.304	1009357	401.77	1382.68	21833998	10.0000
Normeperidine	3.581	3893151	835.31	142.08	51946876	10.0000
Noroxycodone	2.854	1748372	∞	219.00	21833998	10.0000
Nortriptyline	4.367	1934911	897.68	266.41	10070278	10.0000

Cal

Generated at 1:12 PM on 4/4/2024

AM #25 Multi-Drug Screen. Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
O-desmethyl-tramadol	2.903	12905388	1645.39	1266.38	51946876	10.0000
O-desmethylvenlafaxine	3.239	2772424	3168.41	20466.27	17316662	10.0000
Olanzapine	3.420	1504847	344.03	225.14	503971	10.0000
Oxazepam	4.487	2426396	508.71	187.89	20891607	10.0000
Oxycodone	2.868	4187835	4576.81	426.11	21833998	10.0000
Oxymorphone	2.290	2306577	∞	386.02	590361	10.0000
Paroxetine	4.297	564831	223.43	92769.16	3813985	10.0000
Phenazepam	4.604	3744934	2189.80	1886.65	28491124	10.0000
Phencyclidine	3.873	11473128	42949.17	3799.62	21696445	10.0000
Phentermine	3.154	2770376	205.51	35.87	30856163	10.0000
Phenytoin	4.105	959337	398.20	363.60	503971	10.0000
Primidone	3.459	11971490	1429.64	3094.42	503971	10.0000
Promethazine	4.256	10576641	298504.95	418.88	51946876	10.0000
Pseudoephedrine	2.724	63702586	1126.43	1496.73	41762654	10.0000
Quetiapine	4.202	7141792	7388.27	2104.84	42380018	10.0000
Risperidone	3.955	8678941	15471.69	333.95	40546086	10.0000
Sertraline	4.517	745261	122580.01	5334.22	3813985	10.0000
Sufentanil	4.187	345519	106004.97	50833.45	41769581	10.0000
Tapentadol	3.428	10155824	1231.63	12541.31	21833998	10.0000
Temazepam	4.641	6619804	1241.11	162.98	28491124	10.0000
Topiramate	3.834	1102159	1119270.99	466719.2 1	495007	10.0000
Tramadol	3.393	31748859	∞	26.41	51946876	10.0000
Trazodone	4.048	6961459	6182.14	5611596. 67	31671664	10.0000
Venlafaxine	3.777	9995576	1827.72	482.15	17316662	10.0000
Xylazine	3.351	4476865	51710.30	171.06	21833998	10.0000
Zaleplon	4.301	3896202	18631.03	1173169. 80	42380018	10.0000
Zolpidem	3.775	12953467	5791.93	2762.07	42380018	10.0000
Zopiclone	3.709	1048012	459662.48	3129.51	5391528	10.0000

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

Extraction Date: 04/02/2024

Plate lot#: 231212

Mobile phase A: 10mM Amm Form

Blank Blood Lot: Lampire 23A52595

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)

Blank Urine Lot: POC021022

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, R^2 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:

	1	2	3	4	5	6
a	cal 1ng	QC 2	P2024-0553-1	P2024-0810-1	P2024-0882-1	
b	cal 3 ng	NEG CTRL	P2024-0642-2	P2024-0812-1	P2024-0883-1	
c	cal 5 ng	NEG URINE	P2024-0673-1	P2024-0814-1	M2024-1071-2	
d	cal 10ng	M2024-0854-1	P2024-0778-1	P2024-0853-1	P2024-0811-1	
e	cal 25 ng	M2024-0986-1	P2024-0779-1	P2024-0861-1	P2024-0811-2	
f	cal 50 ng	M2024-1017-2	P2024-0780-1	P2024-0873-1	P2024-0811-3	
g	cal 100 ng	M2024-1056-1	P2024-0783-1	P2024-0880-1	P2024-0811-4	
h	QC 1	P2024-0534-2	P2024-0792-1	P2024-0881-1		

6

AM #26 Cannabinoids Screen Results



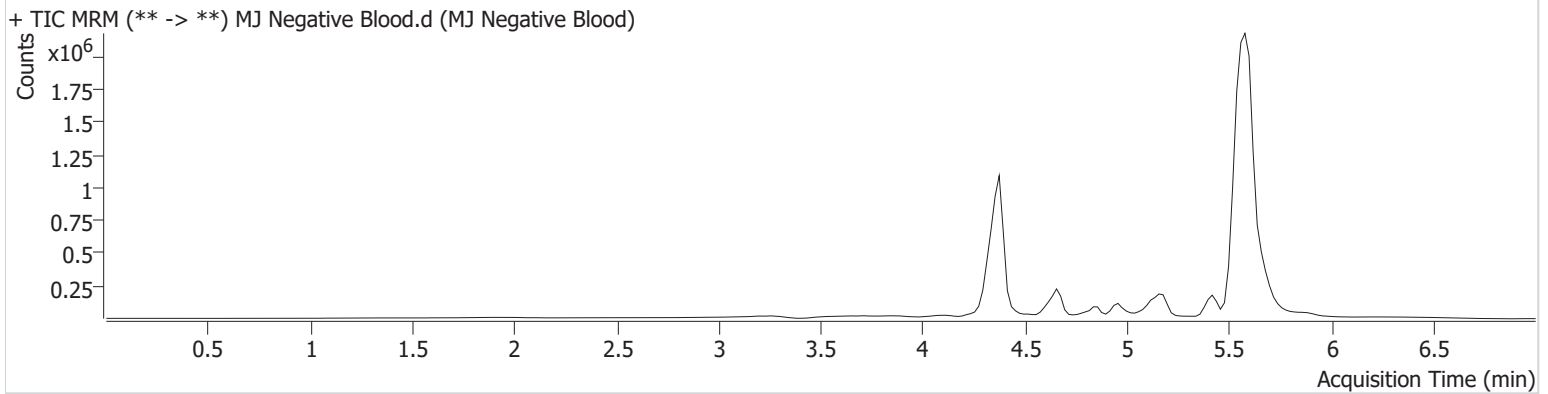
Batch results D:\MassHunter\Data\2024\AM 25 26\040224 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 4/3/2024 6:59:09 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P1-B2
Injection Volume 10
Acq. Date-Time 4/2/2024 3:11:38 PM
Sample Info.

Data File MJ Negative Blood.d
Sample MJ Negative Blood
Operator Celena Shrum
Comment

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Sample Chromatogram



AM #26 Cannabinoids Screen Results



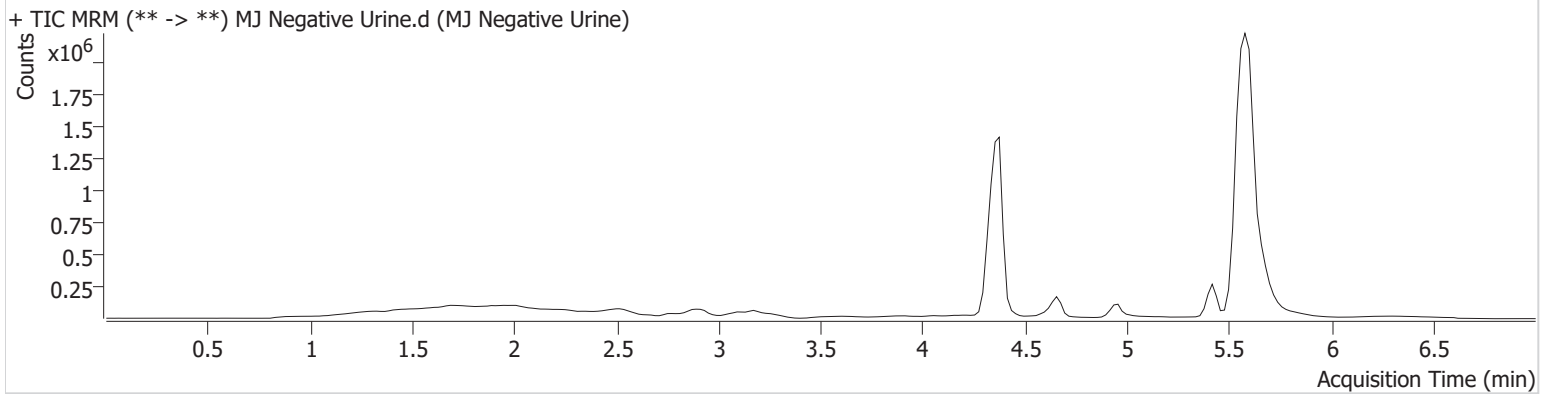
Batch results D:\MassHunter\Data\2024\AM 25 26\040224 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 4/3/2024 6:59:09 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P1-C2
Injection Volume 10
Acq. Date-Time 4/2/2024 3:19:12 PM
Sample Info.

Data File MJ Negative Urine.d
Sample MJ Negative Urine
Operator Celena Shrum
Comment

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Sample Chromatogram



AM #26 Cannabinoids Screen Results



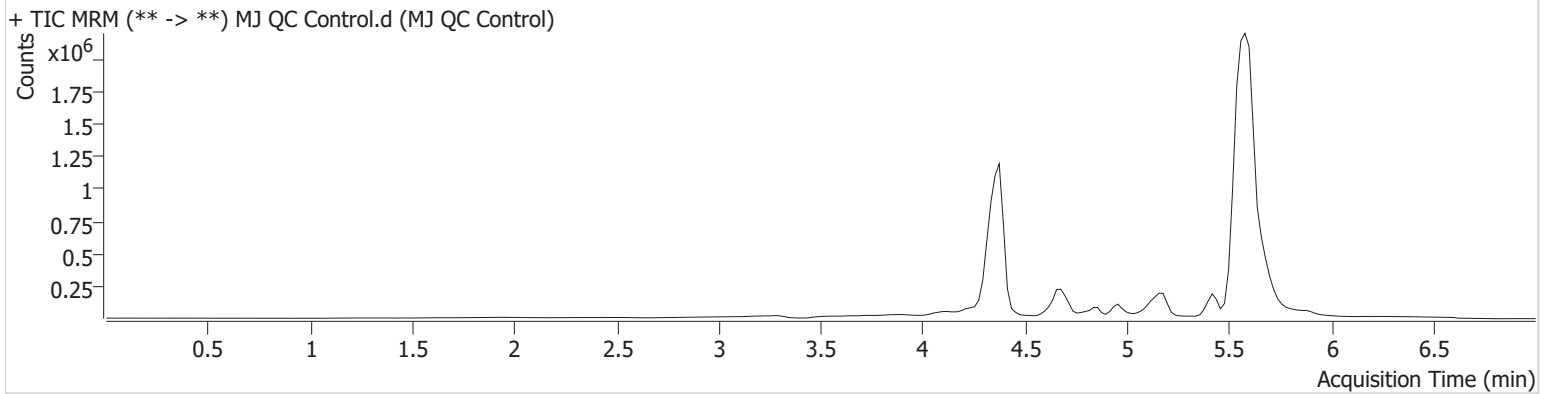
Batch results D:\MassHunter\Data\2024\AM 25 26\040224 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 4/3/2024 6:59:09 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-H1
Injection Volume 10
Acq. Date-Time 4/2/2024 2:56:28 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	5.530	8758	351821	4.92 ng/ml
THC-COOH	4.696	166787	728945	14.61 ng/ml
THC-OH	4.382	49496	5360254	4.88 ng/ml

AM #26 Cannabinoids Screen Results



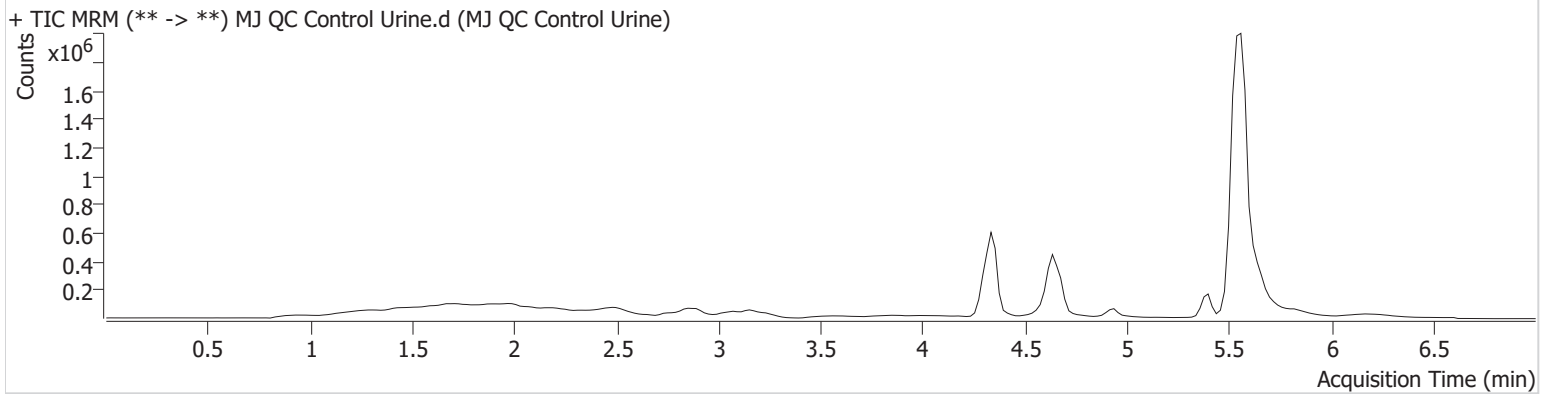
Batch results D:\MassHunter\Data\2024\AM 25 26\040224 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 4/3/2024 6:59:09 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-A2
Injection Volume 10
Acq. Date-Time 4/2/2024 6:58:50 PM
Sample Info.

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

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Sample Chromatogram

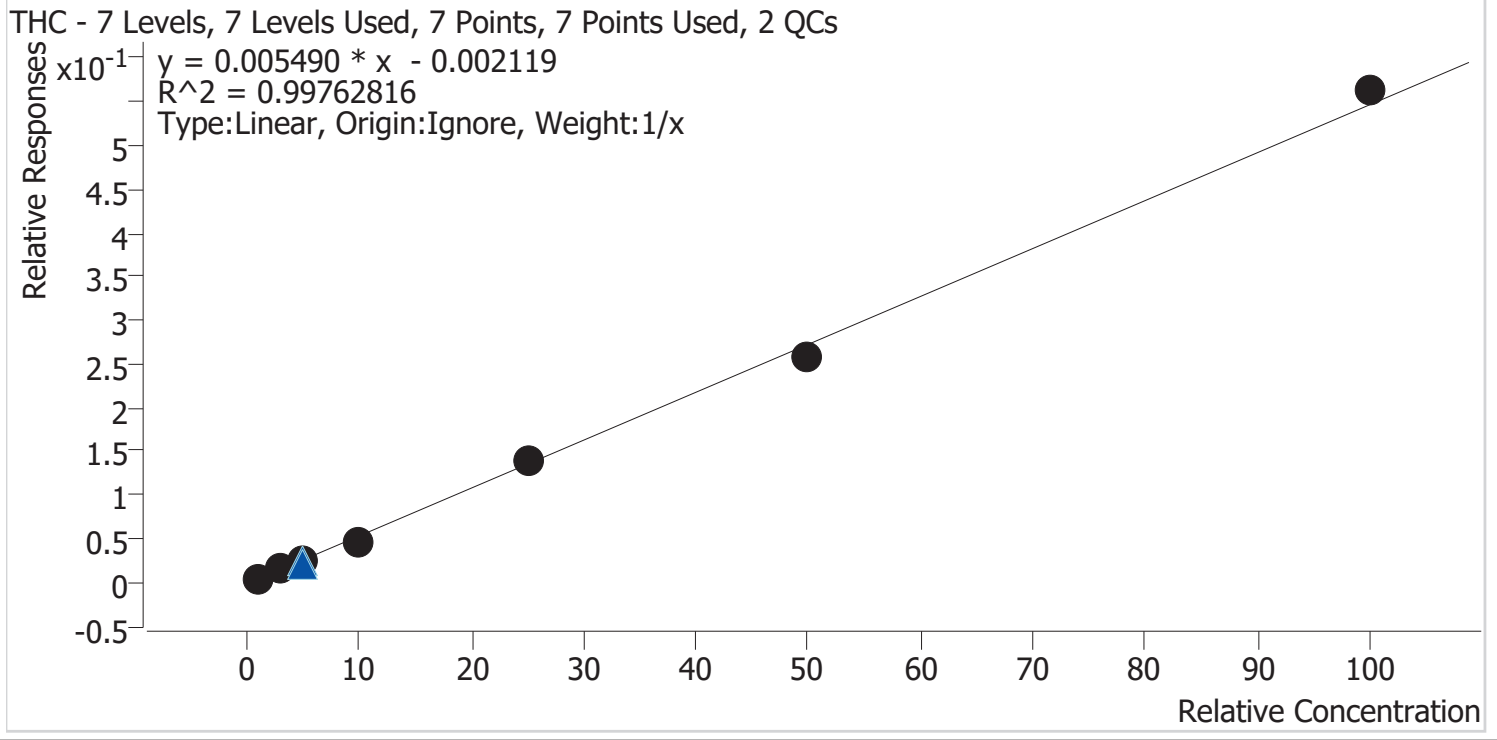


Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.510	2294	107561	4.27 ng/ml
THC-COOH	4.676	332397	1369669	15.43 ng/ml
THC-OH	4.362	20876	2416054	4.57 ng/ml



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\040224 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 4/3/2024 6:59 AM
Analyst Name ISP\datastor
Analyte THC **Internal Standard** THC-D3

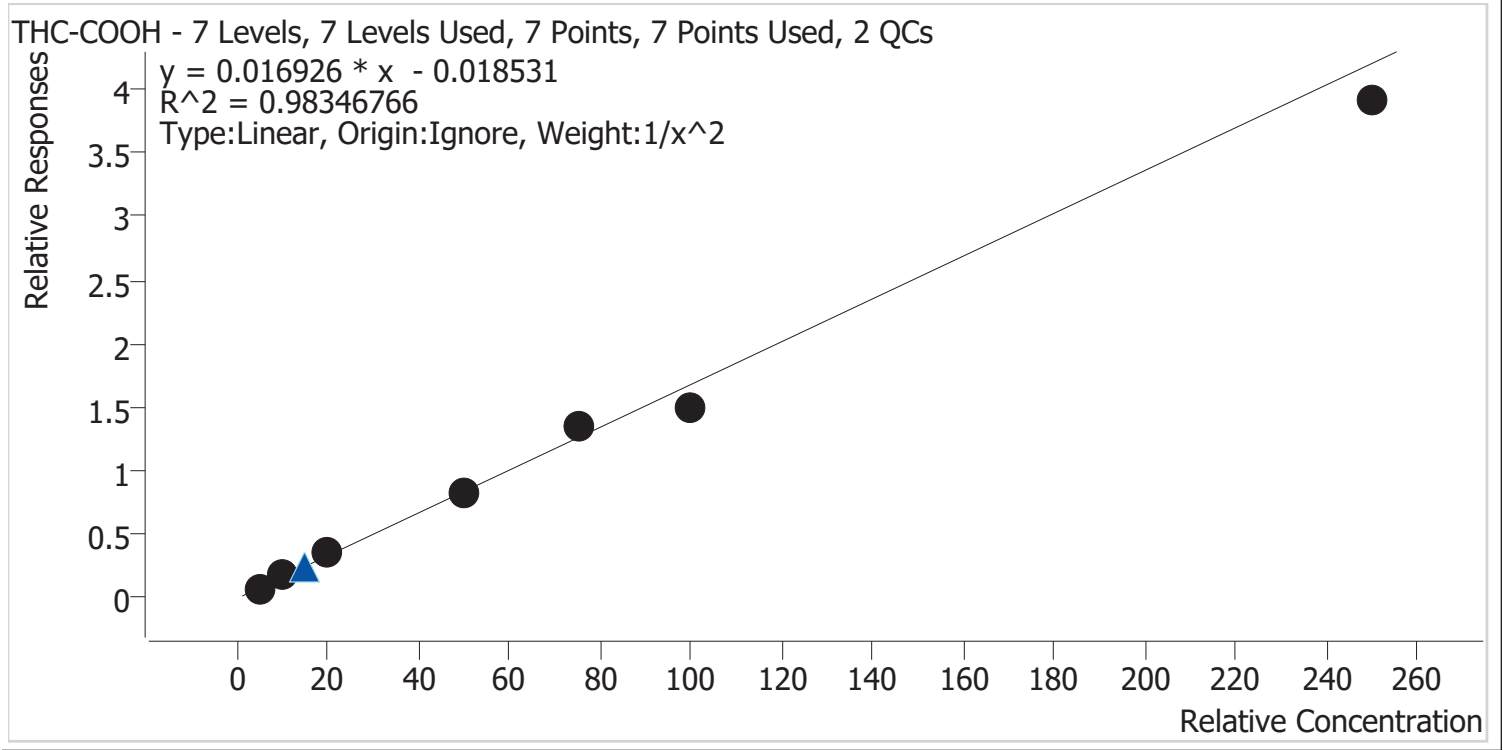


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.1	108.6
MJ Cal 2	2	✓	3.0	3.1	104.7
MJ Cal 3	3	✓	5.0	4.8	95.7
MJ Cal 4	4	✓	10.0	9.0	90.3
MJ Cal 5	5	✓	25.0	25.9	103.5
MJ Cal 6	6	✓	50.0	47.2	94.4
MJ Cal 7	7	✓	100.0	102.9	102.9



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\040224 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 4/3/2024 6:59 AM
Analyst Name ISP\datastor
Analyte THC-COOH **Internal Standard** THC-COOH-D9



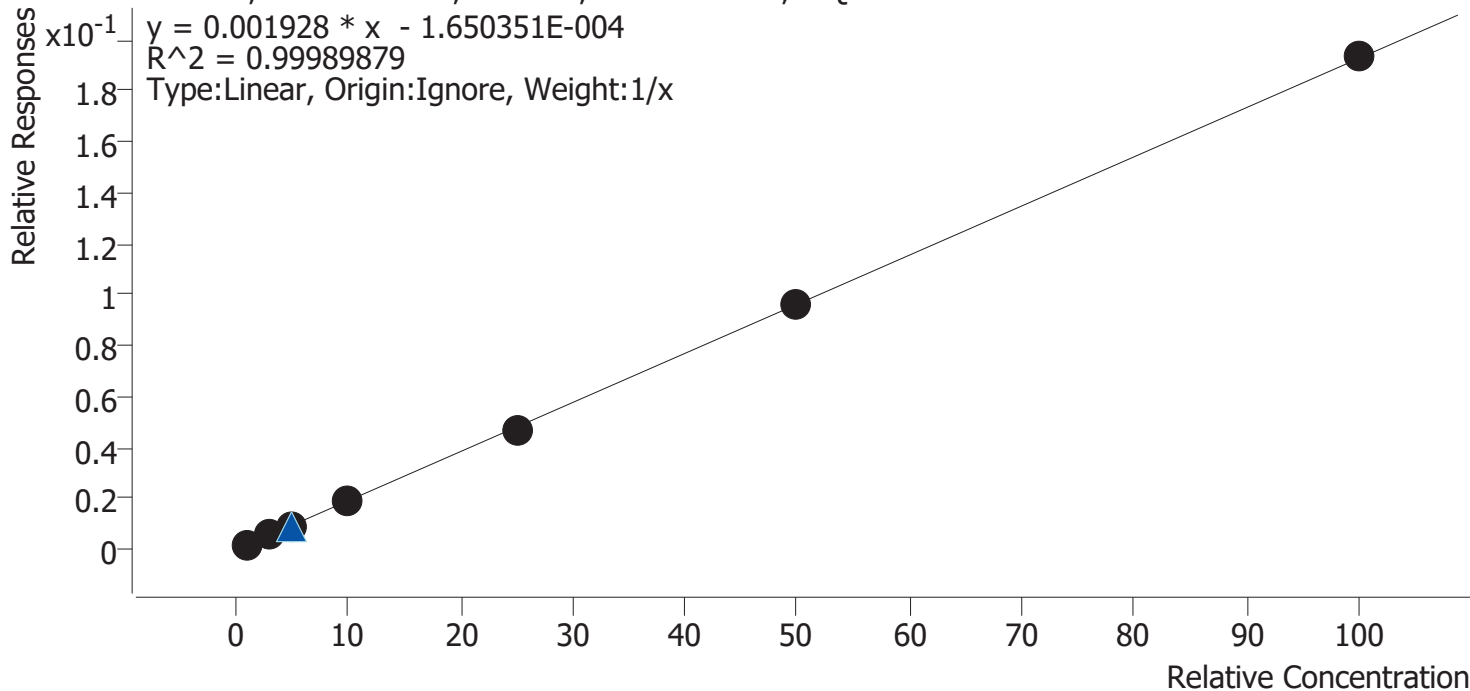
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	4.5	90.0
MJ Cal 2	2	✓	10.0	11.8	118.2
MJ Cal 3	3	✓	20.0	21.1	105.4
MJ Cal 4	4	✓	50.0	48.8	97.6
MJ Cal 5	5	✓	75.0	79.9	106.6
MJ Cal 6	6	✓	100.0	89.1	89.1
MJ Cal 7	7	✓	250.0	232.6	93.0



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\040224 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 4/3/2024 6:59 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	1.1	106.4
MJ Cal 2	2	✓	3.0	2.9	97.7
MJ Cal 3	3	✓	5.0	4.9	97.7
MJ Cal 4	4	✓	10.0	9.9	98.7
MJ Cal 5	5	✓	25.0	24.7	98.7
MJ Cal 6	6	✓	50.0	50.2	100.5
MJ Cal 7	7	✓	100.0	100.3	100.3

AM #26 Cannabinoids Screen Results



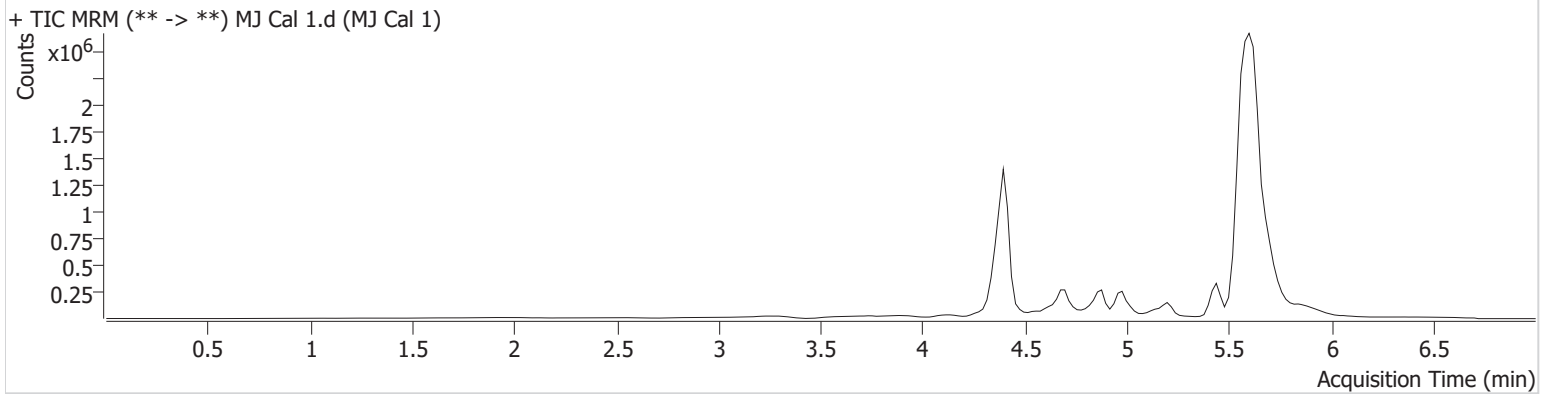
Batch results D:\MassHunter\Data\2024\AM 25 26\040224 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 4/3/2024 6:59:09 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-A1
Injection Volume 10
Acq. Date-Time 4/2/2024 2:03:20 PM
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	5.550	2327	605601	1.09 ng/ml Low
THC-COOH	4.716	71085	1233119	4.50 ng/ml Low
THC-OH	4.422	10940	5798992	1.06 ng/ml Low

AM #26 Cannabinoids Screen Results



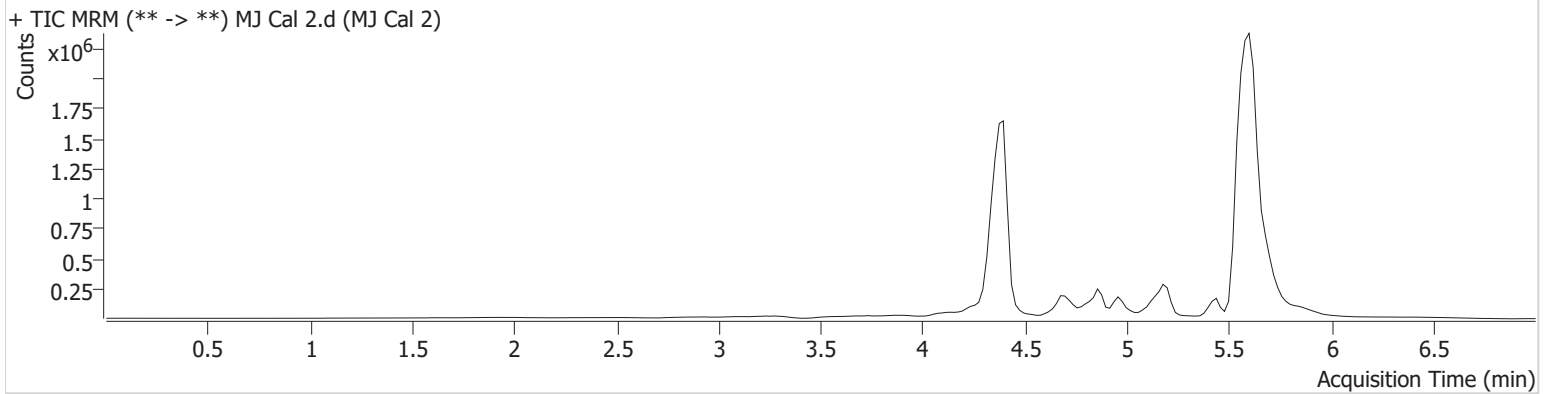
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Calibration Last Update 4/3/2024 6:59:09 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-B1
Injection Volume 10
Acq. Date-Time 4/2/2024 2:11:03 PM
Sample Info.

Data File MJ Cal 2.d
Sample MJ Cal 2
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.550	6039	399151	3.14 ng/ml
THC-COOH	4.716	115657	636820	11.82 ng/ml
THC-OH	4.402	43587	7944965	2.93 ng/ml Low

AM #26 Cannabinoids Screen Results



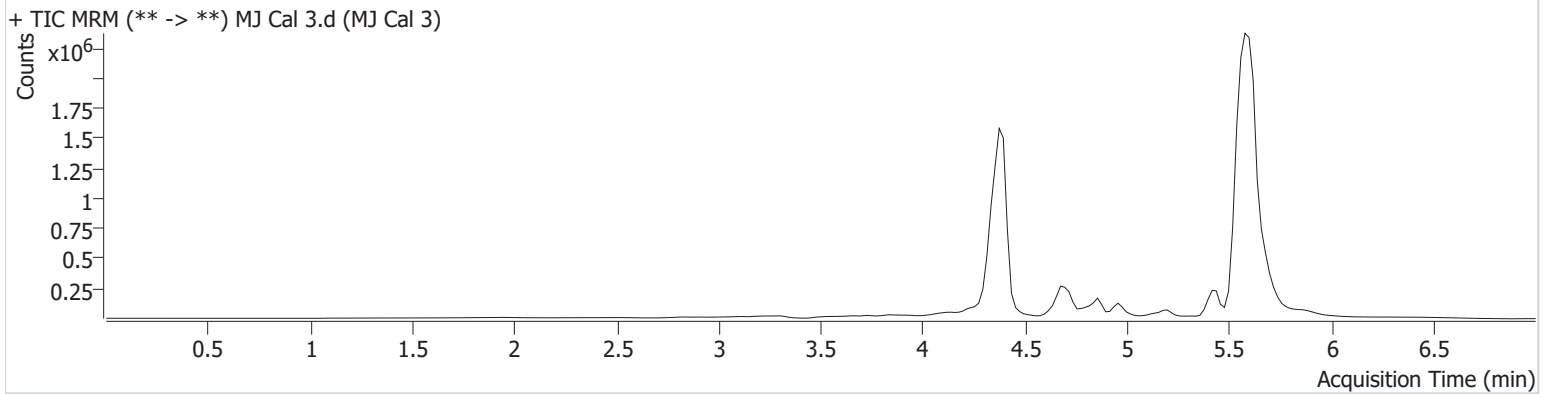
Batch results D:\MassHunter\Data\2024\AM 25 26\040224 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 4/3/2024 6:59:09 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-C1
Injection Volume 10
Acq. Date-Time 4/2/2024 2:18:37 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	5.530	12759	528650	4.78 ng/ml
THC-COOH	4.716	239522	708149	21.08 ng/ml
THC-OH	4.402	65434	7072279	4.89 ng/ml

AM #26 Cannabinoids Screen Results



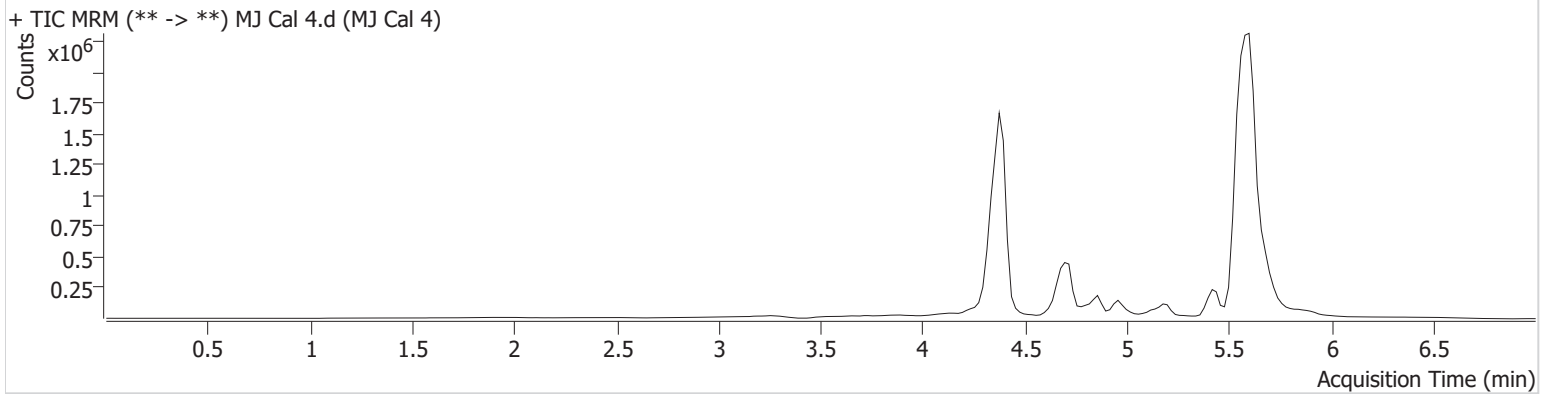
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Calibration Last Update 4/3/2024 6:59:09 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-D1
Injection Volume 10
Acq. Date-Time 4/2/2024 2:26:11 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	5.530	21657	456564	9.03 ng/ml
THC-COOH	4.716	606539	751120	48.80 ng/ml
THC-OH	4.402	126850	6728068	9.87 ng/ml

AM #26 Cannabinoids Screen Results



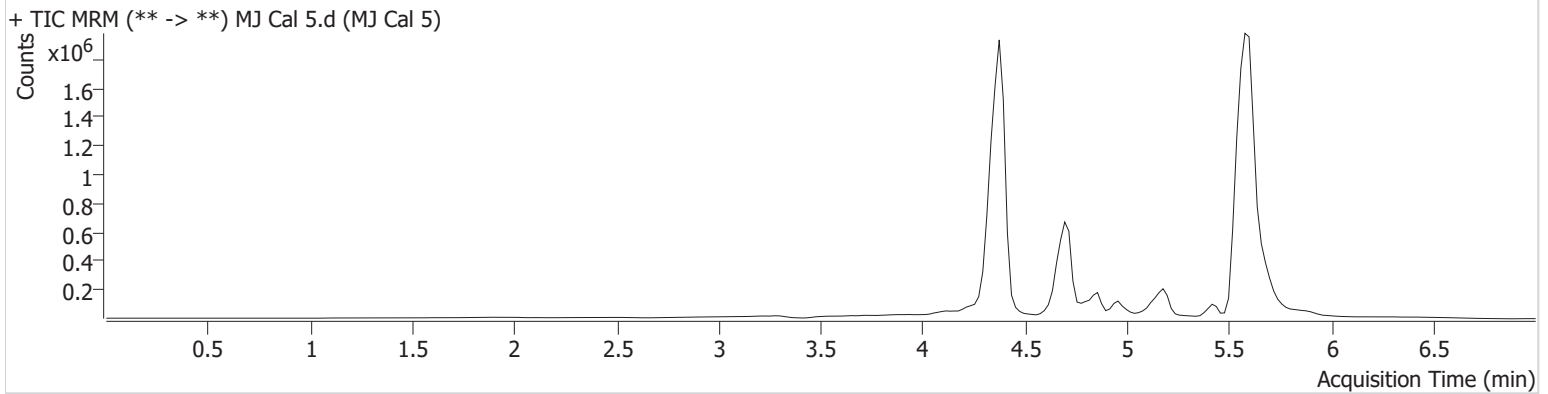
Batch results D:\MassHunter\Data\2024\AM 25 26\040224 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 4/3/2024 6:59:09 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-E1
Injection Volume 10
Acq. Date-Time 4/2/2024 2:33:45 PM
Sample Info.

Data File MJ Cal 5.d
Sample MJ Cal 5
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.530	46529	332568	25.87 ng/ml
THC-COOH	4.696	937751	702663	79.94 ng/ml
THC-OH	4.382	310562	6552158	24.67 ng/ml

AM #26 Cannabinoids Screen Results



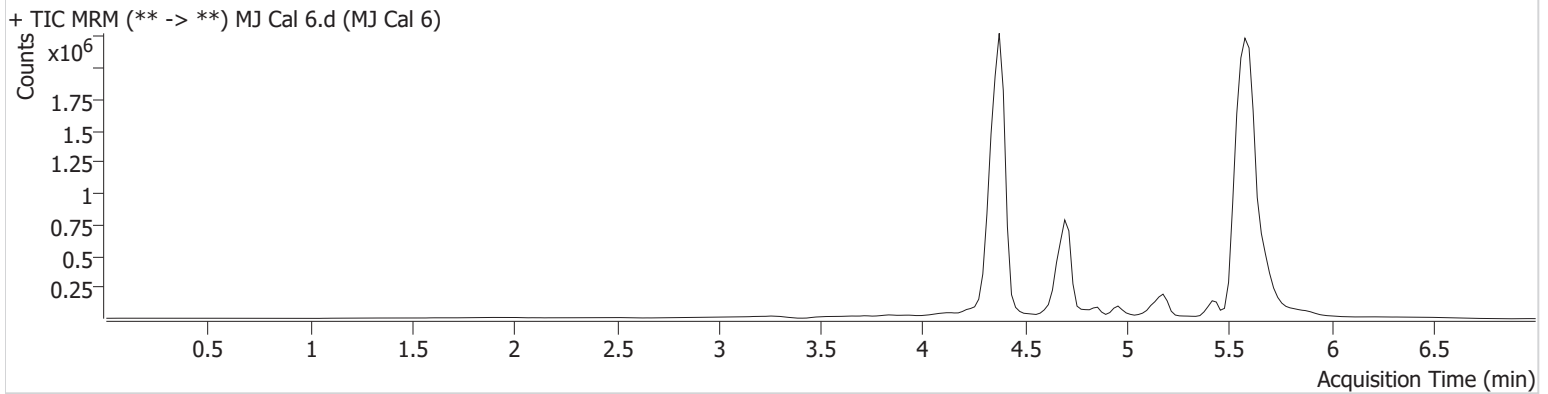
Batch results D:\MassHunter\Data\2024\AM 25 26\040224 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 4/3/2024 6:59:09 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-F1
Injection Volume 10
Acq. Date-Time 4/2/2024 2:41:20 PM
Sample Info.

Data File MJ Cal 6.d
Sample MJ Cal 6
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.530	106934	416287	47.18 ng/ml
THC-COOH	4.696	1168503	784272	89.12 ng/ml
THC-OH	4.382	593385	6137817	50.24 ng/ml

AM #26 Cannabinoids Screen Results



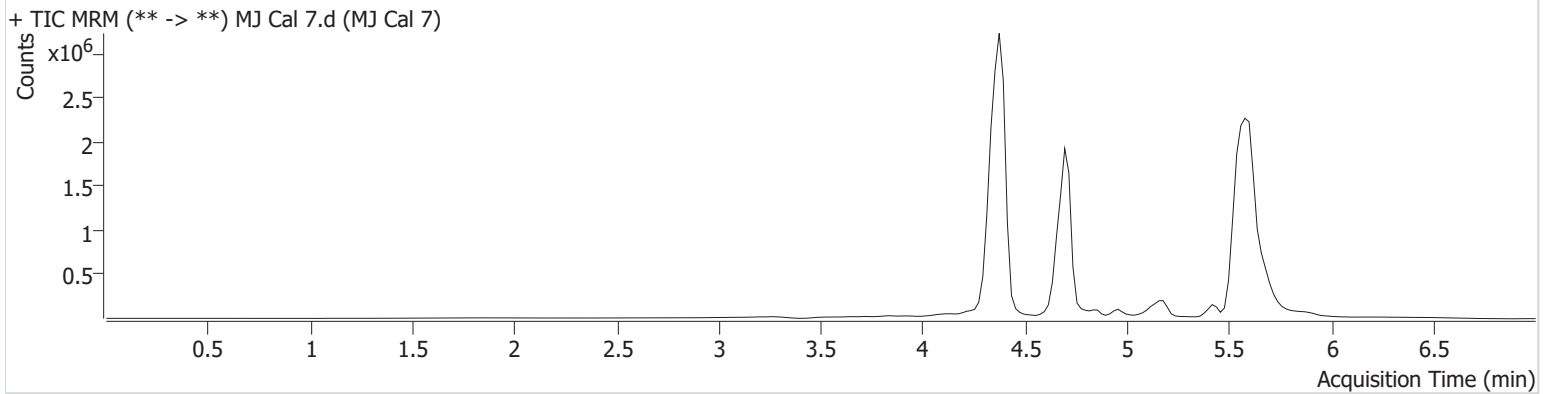
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Calibration Last Update 4/3/2024 6:59:09 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-G1
Injection Volume 10
Acq. Date-Time 4/2/2024 2:48:54 PM
Sample Info.

Data File MJ Cal 7.d
Sample MJ Cal 7
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.530	171148	304073	102.91 ng/ml
THC-COOH	4.696	3034780	774507	232.59 ng/ml
THC-OH	4.382	1206897	6244323	100.35 ng/ml