

Worklist: 6921

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-3306	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3324	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3342	1 *	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3365	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3367	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-3439	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2290	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2384	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2399	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2405	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2411	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2424	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2429	1	BLOOD	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2432	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2435	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2467	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2507	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2552	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2606	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2607	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2609	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

*AM 26 was not done due to limited sample volume.

Worklist: 6921

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<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2024-2613	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2629	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2648	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2654	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2668	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2677	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2678	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2700	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-2707	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: 08/29/2024

Plate lot#: 240524

Mobile phase A: 10mM Amm Form

Instant Buffer I

Blank Blood Lot: Lampire 24C52816

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 11/24/2024

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: 300µl
- ☒ 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:

CS

	1	2	3	4	5	6	7	8	9	10	11	12
A									M2024-3342-1	P2024-2411-1	P2024-2606-1	P2024-2677-1
B									M2024-3365-1	P2024-2424-1	P2024-2607-1	P2024-2678-1
C									M2024-3367-2	P2024-2429-1	P2024-2609-1	P2024-2700-1
D									M2024-3439-1	P2024-2432-1	P2024-2613-3	NEG BLOOD
E									P2024-2290-1	P2024-2435-1	P2024-2629-1	
F								P2024-2707-1	P2024-2384-1	P2024-2467-1	P2024-2648-1	
G								M2024-3306-1	P2024-2399-1	P2024-2507-1	P2024-2654-1	
H								M2024-3324-1	P2024-2405-1	P2024-2552-1	P2024-2668-1	CAL

AM #25 Multi-Drug Screen. Results



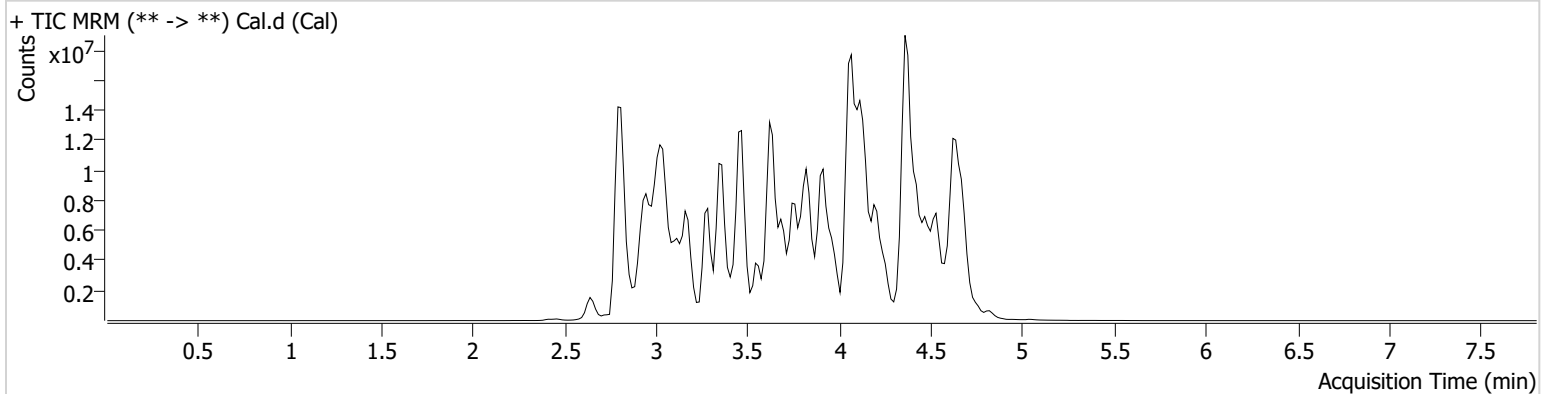
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Calibration Last Update 9/10/2024 2:14:59 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 25 MDS.m
Sample Position P2-H12
Injection Volume 5
Acq. Date-Time 8/29/2024 5:11:09 PM
Sample Info.

Data File Cal.d
Sample Cal
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.	S/N	S/N	ISTD Resp.	Calc. Conc.
10-OH-Carbamazepine	3.764	2716268	357.05	1264.88	14871939	10.0000
6-MAM	3.004	49742	5482.54	4343.09	1537963	10.0000
7-aminoclonazepam	3.577	273125	101.58	88.40	1181473	10.0000
7-aminoflunitrazepam	3.777	566033	351.17	393.45	1181473	10.0000
9-Hydroxyrisperidone	3.908	5930011	475756.11	2382.81	26542420	10.0000
Acetyl Fentanyl	3.928	381965	253.13	203751.1	25744487	10.0000
Acetyl Norfentanyl	2.951	302178	3577.82	202.70	25744487	10.0000
a-hydroxyalprazolam	4.498	293160	1558.59	443.12	1181473	10.0000
alpha-hydroxymidazolam	4.574	1978085	1114.23	409.90	1181473	10.0000
Alpha-PHP	3.873	2948818	32328.98	2310.43	25744487	10.0000
alpha-PVP	3.612	3311260	564.70	527.26	9189557	10.0000
Alprazolam	4.593	2103971	478.31	1639.95	11413514	10.0000
Amitriptyline	4.474	957693	47.69	201.03	3859663	10.0000
Amphetamine	2.955	3232867	407.42	511.60	9189557	10.0000
Benzoyllecgonine	3.376	95728	402.59	256.15	434229	10.0000
Bromazolam	4.665	1337996	8763.49	451797.0	11413514	10.0000
Brompheniramine	4.067	114652	242.25	17825.08	40470956	10.0000
Buprenorphine	4.693	85225	2003.82	2185.47	3140525	10.0000
Bupropion	3.827	3716247	1829.42	1097.09	14738064	10.0000
Carbamazepine	4.214	8688359	∞	1481.31	220821	10.0000
Carisoprodol	4.197	1513508	350.84	198.45	7940830	10.0000
Chlordiazepoxide	4.703	971371	851213.38	408.59	11413514	10.0000
Chlorpheniramine	3.979	6004079	278.90	6.18	9902638	10.0000
Chlorpromazine	4.653	651766	226940.62	360.62	3194028	10.0000
Citalopram	4.082	2783582	717.71	426.93	40470956	10.0000
Clomipramine	4.669	1048952	2981.71	4601.77	40470956	10.0000
Clonazepam	4.407	1057101	551.40	429.41	220821	10.0000
Clonazolam	4.342	1110821	488990.80	168806.6	11413514	10.0000
Clozapine	4.359	2879998	3275.60	1115.36	10884875	10.0000
Cocaeethylene	3.835	4022084	2884743.99	1654.43	21891790	10.0000

Cal

Generated at 2:15 PM on 9/10/2024

AM #25 Multi-Drug Screen. Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Cocaine	3.636	4457198	59881.00	277.06	21891790	10.0000
Codeine	2.946	320728	357.03	710.12	7732377	10.0000
Cyclobenzaprine	4.381	1903013	5791.23	71.89	3859663	10.0000
Desipramine	4.398	2601724	876.26	738.81	3859663	10.0000
Dextromethorphan	4.119	1901346	544.23	379.54	9902638	10.0000
Dextrorphan	3.425	2896889	595.59	2812828.54	9902638	10.0000
Diazepam	4.826	856029	1558.42	1028.33	11413514	10.0000
Dihydrocodeine	2.915	954720	9141.00	592.09	7732377	10.0000
Diphenhydramine	4.057	8449611	1538.63	308110.42	40470956	10.0000
DMT	3.029	412907	2902.79	509.57	9902638	10.0000
Doxepin	4.179	1668964	370.42	128.10	17905853	10.0000
Doxylamine	3.701	8684729	∞	28395.32	9902638	10.0000
Duloxetine	4.348	30697	3041.17	3932.15	389586	10.0000
EDDP	4.118	307773	200.21	97.69	1613050	10.0000
Estazolam	4.518	4667601	1348.02	1181.09	11413514	10.0000
Etizolam	4.620	174360	62079.46	333347.97	11413514	10.0000
Fentanyl	4.143	288474	138.17	1048.80	16807276	10.0000
Flualprazolam	4.467	899648	363369.35	1040.25	11413514	10.0000
Flunitrazepam	4.531	1948504	1158.20	1506.60	11413514	10.0000
Fluorofentanyl	4.188	425638	215140.80	736.81	16807276	10.0000
Fluoxetine	4.332	1146716	308.33	78.83	1308599	10.0000
Flurazepam	4.233	3330661	1113.05	∞	11413514	10.0000
Gabapentin	2.465	68802	2400.97	199.58	10884875	10.0000
Hydrocodone	3.129	1582697	1162.19	541.24	7732377	10.0000
Hydromorphone	2.871	1150174	313.18	1204.10	7732377	10.0000
Hydroxyzine	4.526	2867745	2731.92	859.94	10884875	10.0000
Imipramine	4.427	3889928	1221.13	463.75	3859663	10.0000
Ketamine	3.642	2753511	1064.65	272.39	10588796	10.0000
Lamotrigine	3.625	1778572	2962.97	2700.02	40470956	10.0000
Levamisole	3.074	2378803	640.63	2208.03	21891790	10.0000
Levetiracetam	2.648	1691087	1604.26	897.88	40470956	10.0000
Lorazepam	4.407	351188	347.27	∞	11413514	10.0000
Maprotiline	4.474	740411	83.25	445.15	3859663	10.0000
MDA	3.045	2974202	587.92	414.47	21530053	10.0000
MDEA	3.274	4004731	1265.68	497.20	21530053	10.0000
MDMA	3.136	4821339	375.87	551.51	21530053	10.0000
Meperidine	3.656	2263384	373.38	701.36	9902638	10.0000
Meprobamate	3.659	822370	415.10	107.16	7940830	10.0000
Methadone	4.423	5569637	13015.09	9987.67	1613050	10.0000
Methamphetamine	3.046	10018571	1707.27	479.39	21530053	10.0000
Methocarbamol	3.565	210507	188.75	126.20	1613050	10.0000
Methylphenidate	3.550	7682623	1066.61	105.21	18104573	10.0000
Metoprolol	3.470	690851	328.47	541.65	9902638	10.0000
Midazolam	4.760	701277	942.99	1219.82	11413514	10.0000
Mirtazapine	4.073	2542469	7453.36	346768.37	9902638	10.0000
Mitragynine	4.248	398320	133248.93	2743.47	9902638	10.0000
Morphine	2.734	249220	∞	749.86	387178	10.0000
Norbuprenorphine	3.862	94823	172.89	∞	3140525	10.0000
Nordiazepam	4.674	1101124	1228.90	3170.87	11413514	10.0000
Norfentanyl	3.365	5989220	1610.77	66.51	25744487	10.0000
Norhydrocodone	2.978	42678	66.06	136.32	7732377	10.0000
Norketamine	3.735	575594	601.08	3441.04	10588796	10.0000
Normeperidine	3.643	2085145	372.74	316.05	40470956	10.0000
Noroxycodone	2.930	1309004	137.70	4007.35	10588796	10.0000
Nortriptyline	4.444	795498	949.84	359.31	3859663	10.0000
O-desmethyl-tramadol	2.949	6264016	19161.12	291.41	40470956	10.0000
O-desmethylvenlafaxine	3.285	1530694	1545.01	∞	7146310	10.0000

Cal

Generated at 2:15 PM on 9/10/2024

AM #25 Multi-Drug Screen. Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Olanzapine	3.913	102040	71189.79	373.56	220821	10.0000
Oxazepam	4.487	1447177	484.94	224.76	8229244	10.0000
Oxycodone	2.990	2288248	577.84	324.82	10588796	10.0000
Oxymorphone	2.625	1882284	∞	173.05	7732377	10.0000
Paroxetine	4.359	134543	50.49	56976.12	1308599	10.0000
Phenazepam	4.619	1495881	1819.89	2614.15	11413514	10.0000
Phencyclidine	3.966	4749695	990.66	1029.18	9902638	10.0000
Phentermine	3.200	1588372	273.29	15.77	18104573	10.0000
Phenytoin	4.105	397470	384.04	373.54	220821	10.0000
Primidone	3.459	9257251	3430.69	1501.41	220821	10.0000
Promethazine	4.380	3648421	460.14	263.81	40470956	10.0000
Pseudoephedrine	2.816	45141924	1134.35	708.28	21530053	10.0000
Quetiapine	4.525	3898070	914.89	755937.05	28732853	10.0000
Risperidone	4.124	5712485	3711.10	254.58	26542420	10.0000
Sertraline	4.579	260795	5028.28	487.57	1308599	10.0000
Sufentanil	4.495	214248	59321.12	617.37	25744487	10.0000
Tapentadol	3.474	5028499	1629.44	382.38	10588796	10.0000
Temazepam	4.641	2439647	945.38	216.02	11413514	10.0000
Topiramate	3.818	631028	669924.61	236.32	286359	10.0000
Tramadol	3.470	13694060	547.17	145.24	40470956	10.0000
Trazodone	4.664	4678039	881.70	1675.49	17905853	10.0000
Venlafaxine	3.839	6404639	4153.72	208.71	7146310	10.0000
Xylazine	3.444	1655760	945375.85	271.63	10588796	10.0000
Zaleplon	4.332	1679044	2104.90	19715.30	28732853	10.0000
Zolpidem	4.378	6985415	43032.57	11932.06	28732853	10.0000
Zopiclone	4.263	464221	1456.21	211004.12	2404806	10.0000

AM #25 Multi-Drug Screen. Results



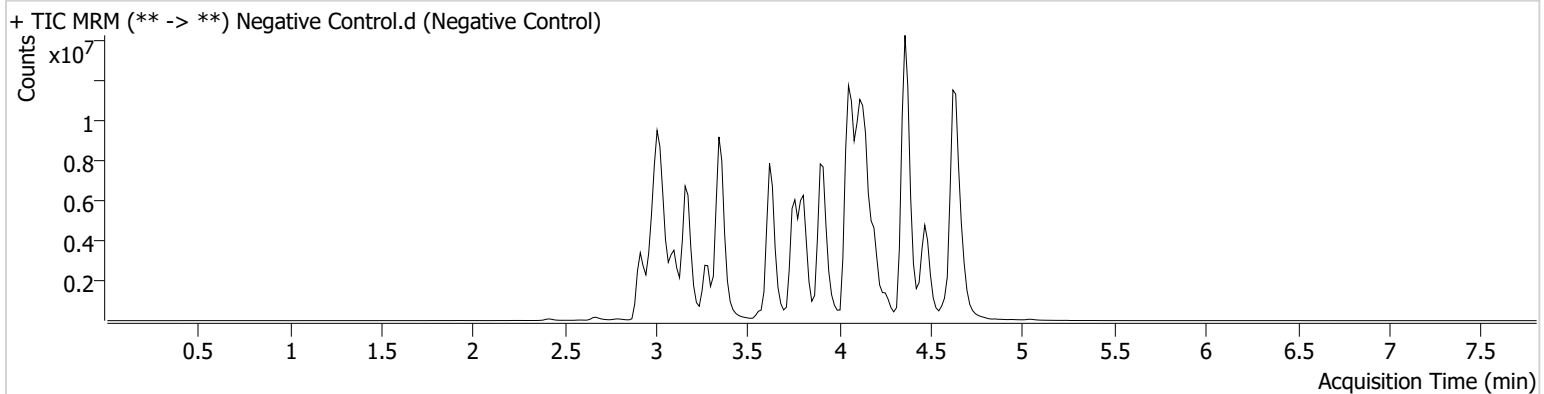
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Calibration Last Update 9/10/2024 2:14:59 PM

Instrument Falco (069901)
Type Sample
Acq. Method AM 25 MDS.m
Sample Position P2-D12
Injection Volume 5
Acq. Date-Time 8/29/2024 5:19:45 PM
Sample Info.

Data File Negative Control.d
Sample Negative Control
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.	S/N	S/N	ISTD Resp.	Calc. Conc.
Gabapentin	2.420	15381	475.95	92.28	13802949	1.7629

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

Extraction Date: 08/29/2024

Plate lot#: 240513

Mobile phase A: 10mM Amm Form

Blank Blood Lot: Lampire 24C52816

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 11/13/2024

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. 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.
- ☒ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- ☒ 6. Transfer **800µL of blood+acid mixture or urine+acid** to corresponding wells of SLE+ plate.
- ☒ 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, 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:

3

	1	2	3	4	5	6
a	cal 1ng	QC 2	P2024-2384-1	P2024-2467-1	P2024-2648-1	
b	cal 3 ng	NEG CTRL	P2024-2399-1	P2024-2507-1	P2024-2654-1	
c	cal 5 ng	M2024-3306-1	P2024-2405-1	P2024-2552-1	P2024-2668-1	
d	cal 10ng	M2024-3324-1	P2024-2411-1	P2024-2606-1	P2024-2677-1	
e	cal 25 ng	M2024-3365-1	P2024-2424-1	P2024-2607-1	P2024-2678-1	
f	cal 50 ng	M2024-3367-2	P2024-2429-1	P2024-2609-1	P2024-2700-1	
g	cal 100 ng	M2024-3439-1	P2024-2432-1	P2024-2613-3	P2024-2707-1	
h	QC 1	P2024-2290-1	P2024-2435-1	P2024-2629-1		

AM #26 Cannabinoids Screen Results



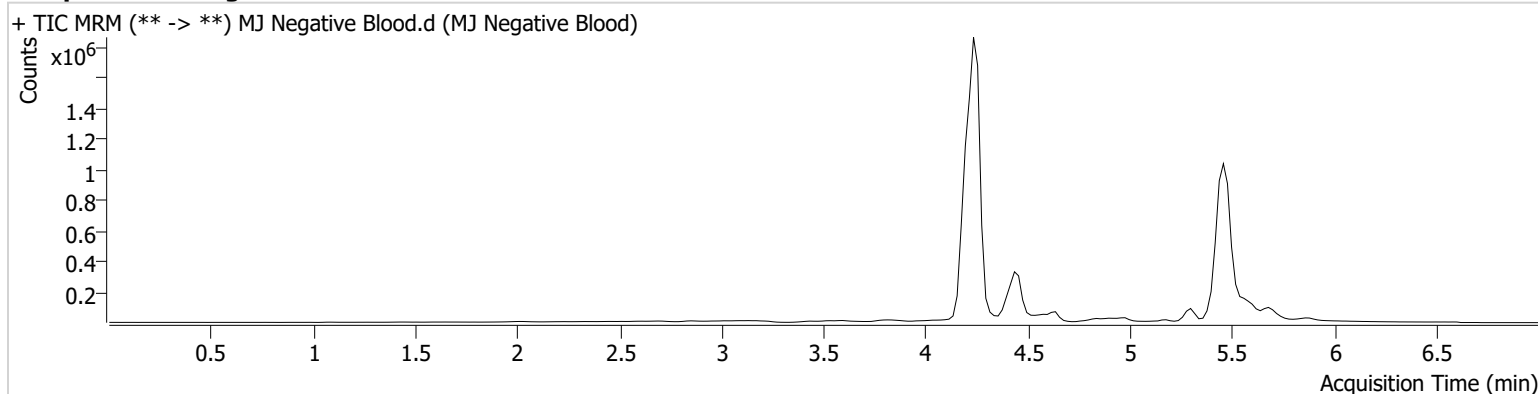
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Calibration Last Update 9/10/2024 2:15:35 PM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P1-B2
Injection Volume 10
Acq. Date-Time 8/29/2024 12:56:41 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



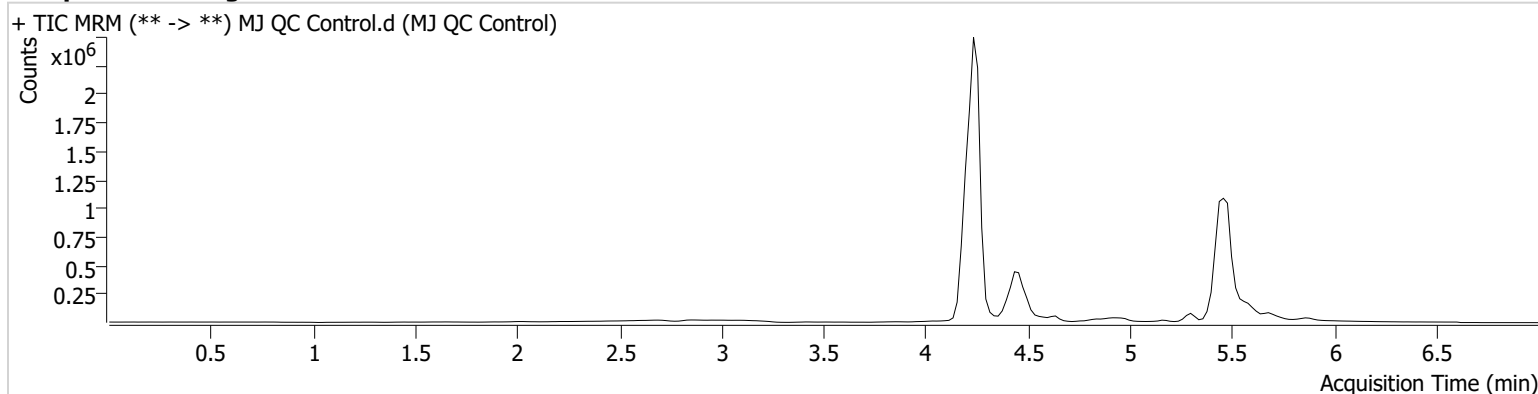
Batch results D:\MassHunter\Data\2024\AM 25 26\082924 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 9/10/2024 2:15:35 PM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-H1
Injection Volume 10
Acq. Date-Time 8/29/2024 12:41:30 PM
Sample Info.

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

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Sample Chromatogram

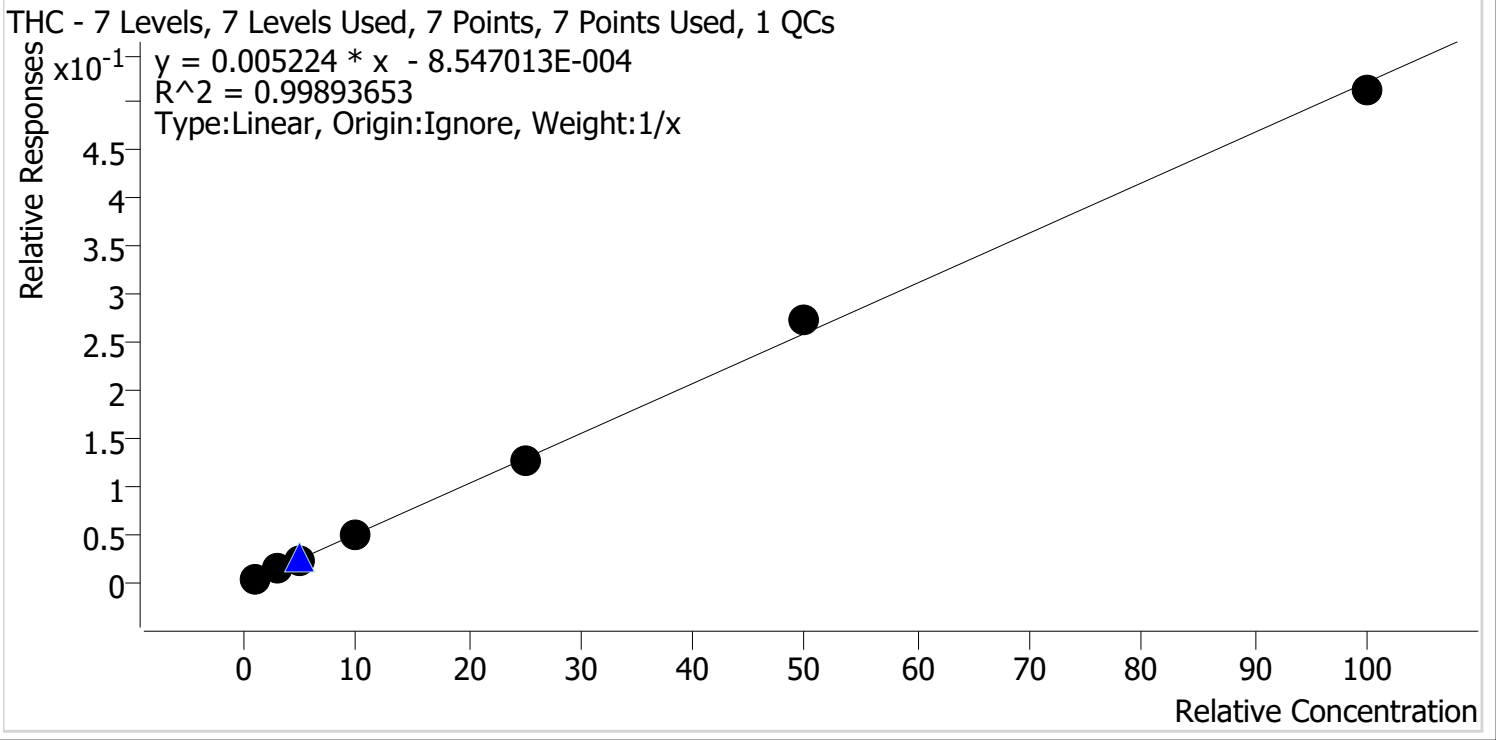


Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.409	3242	123559	5.19 ng/ml
THC-COOH	4.476	281060	1563275	14.27 ng/ml
THC-OH	4.262	102980	10797075	4.78 ng/ml



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\082924 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 9/10/2024 2:15 PM
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	107.8
MJ Cal 2	2	✓	3.0	2.9	98.3
MJ Cal 3	3	✓	5.0	4.7	94.5
MJ Cal 4	4	✓	10.0	9.7	96.8
MJ Cal 5	5	✓	25.0	24.9	99.4
MJ Cal 6	6	✓	50.0	52.4	104.8
MJ Cal 7	7	✓	100.0	98.3	98.3



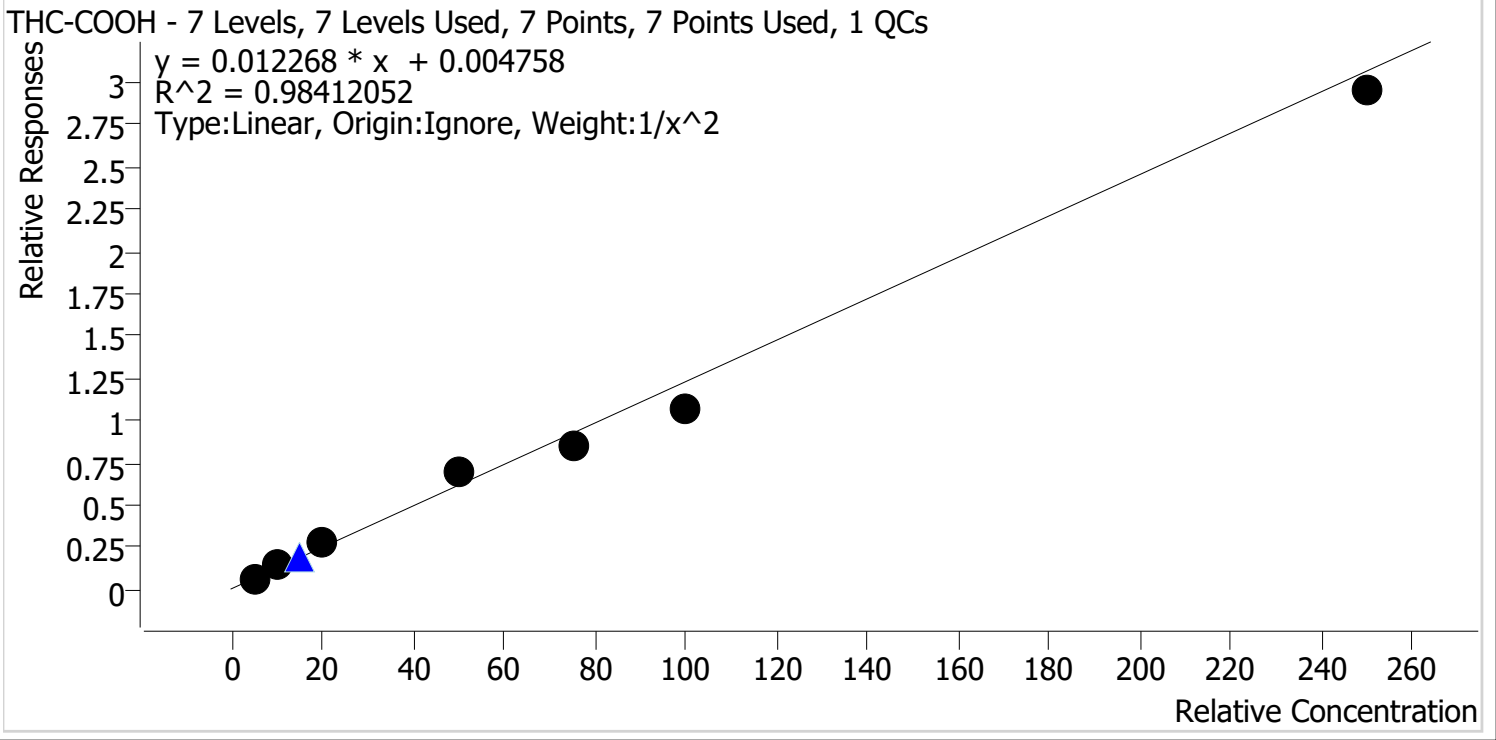
AM #26 Cannabinoids Screen Calibration Curve Report

Batch resultsD:\MassHunter\Data\2024\AM 25 26\082924 AM 25 26 CS\QuantResults\AM 26.batch.bin

Last Cal. Update9/10/2024 2:15 PM

Analyst NameISP\Datastor

AnalyteTHC-COOHInternal StandardTHC-COOH-D9

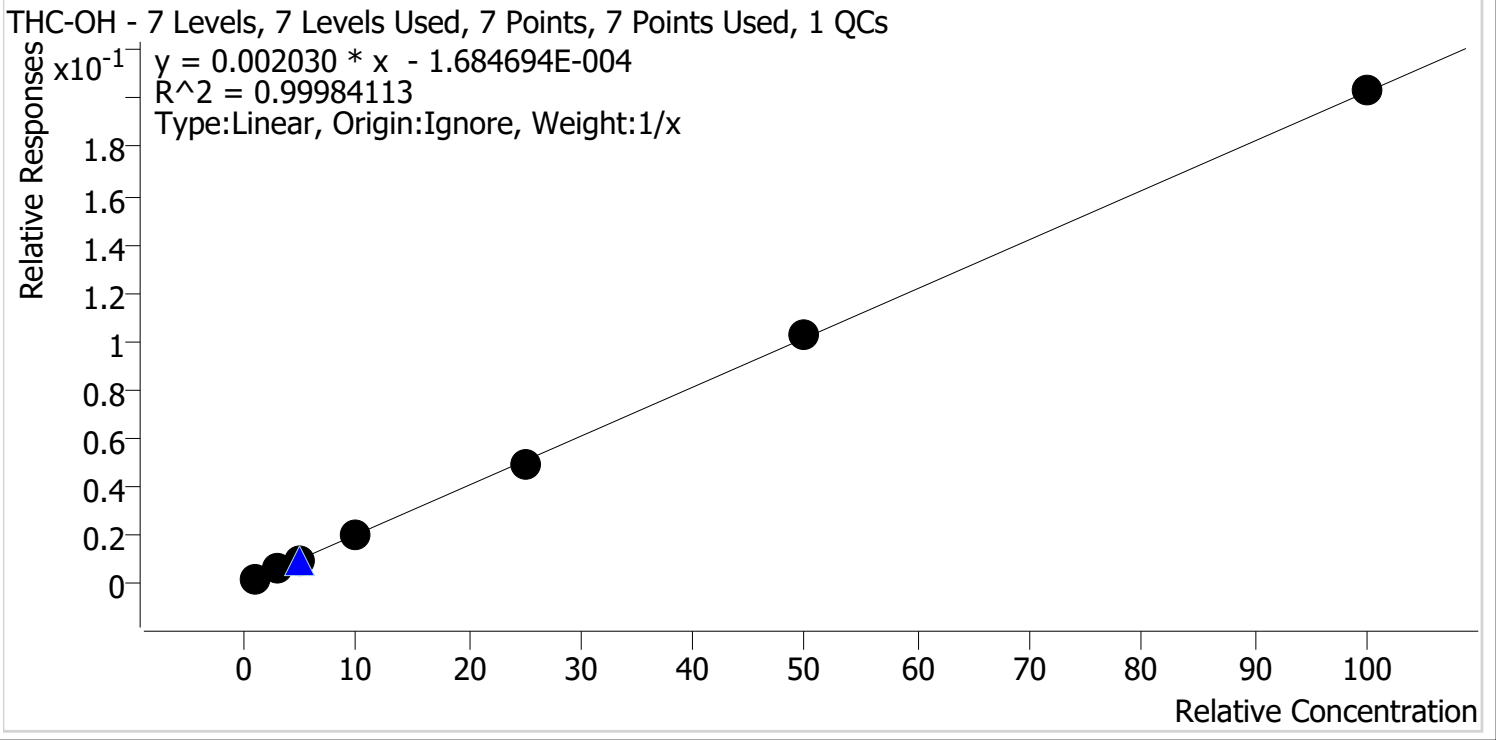


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	4.7	93.3
MJ Cal 2	2	✓	10.0	10.8	108.3
MJ Cal 3	3	✓	20.0	22.0	109.9
MJ Cal 4	4	✓	50.0	56.7	113.4
MJ Cal 5	5	✓	75.0	69.7	92.9
MJ Cal 6	6	✓	100.0	86.0	86.0
MJ Cal 7	7	✓	250.0	240.5	96.2



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\082924 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 9/10/2024 2:15 PM
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	1.0	104.3
MJ Cal 2	2	✓	3.0	3.0	100.2
MJ Cal 3	3	✓	5.0	4.9	97.9
MJ Cal 4	4	✓	10.0	9.9	98.7
MJ Cal 5	5	✓	25.0	24.4	97.6
MJ Cal 6	6	✓	50.0	50.5	101.1
MJ Cal 7	7	✓	100.0	100.2	100.2

AM #26 Cannabinoids Screen Results



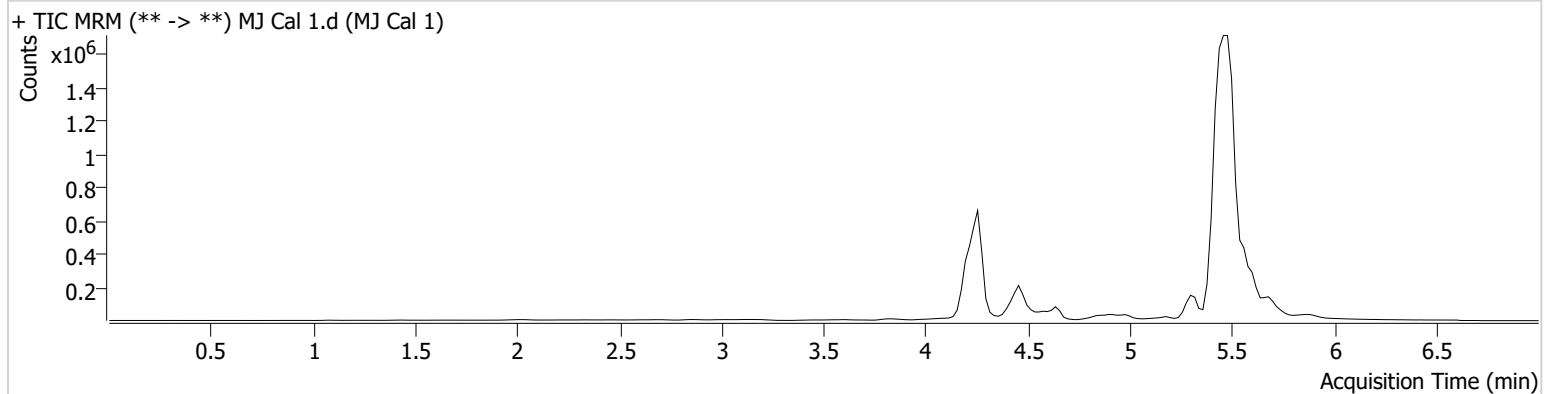
Batch results D:\MassHunter\Data\2024\AM 25 26\082924 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 9/10/2024 2:15:35 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-A1
Injection Volume 10
Acq. Date-Time 8/29/2024 11:48:19 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	5.409	1811	379100	1.08 ng/ml Low
THC-COOH	4.496	50712	818128	4.66 ng/ml Low
THC-OH	4.262	6532	3351975	1.04 ng/ml Low

AM #26 Cannabinoids Screen Results



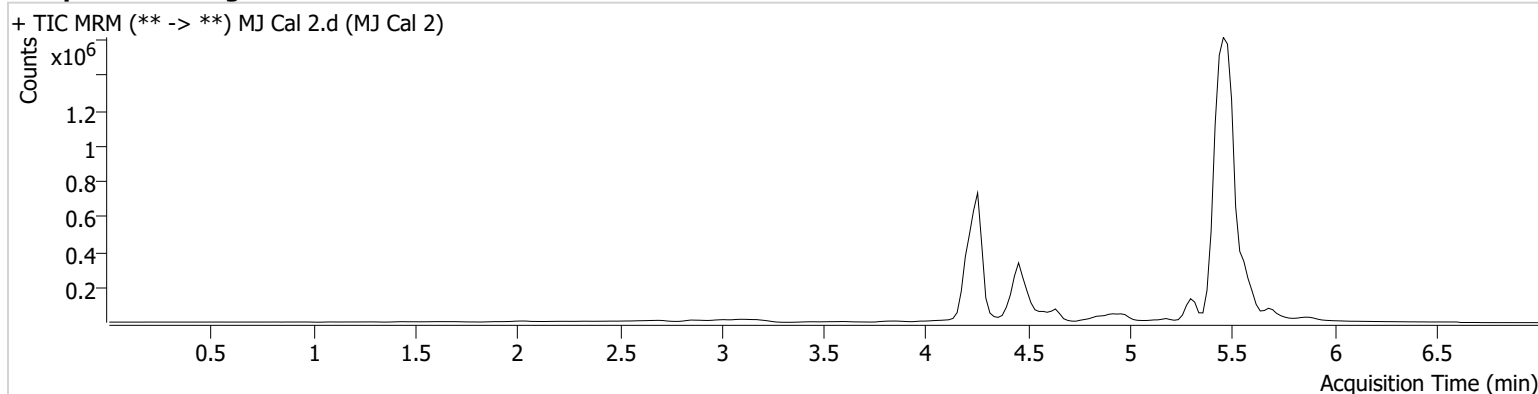
Batch results D:\MassHunter\Data\2024\AM 25 26\082924 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 9/10/2024 2:15:35 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-B1
Injection Volume 10
Acq. Date-Time 8/29/2024 11:56:03 AM
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	5.409	6367	437626	2.95 ng/ml Low
THC-COOH	4.496	154662	1124108	10.83 ng/ml
THC-OH	4.262	20941	3528458	3.01 ng/ml

AM #26 Cannabinoids Screen Results



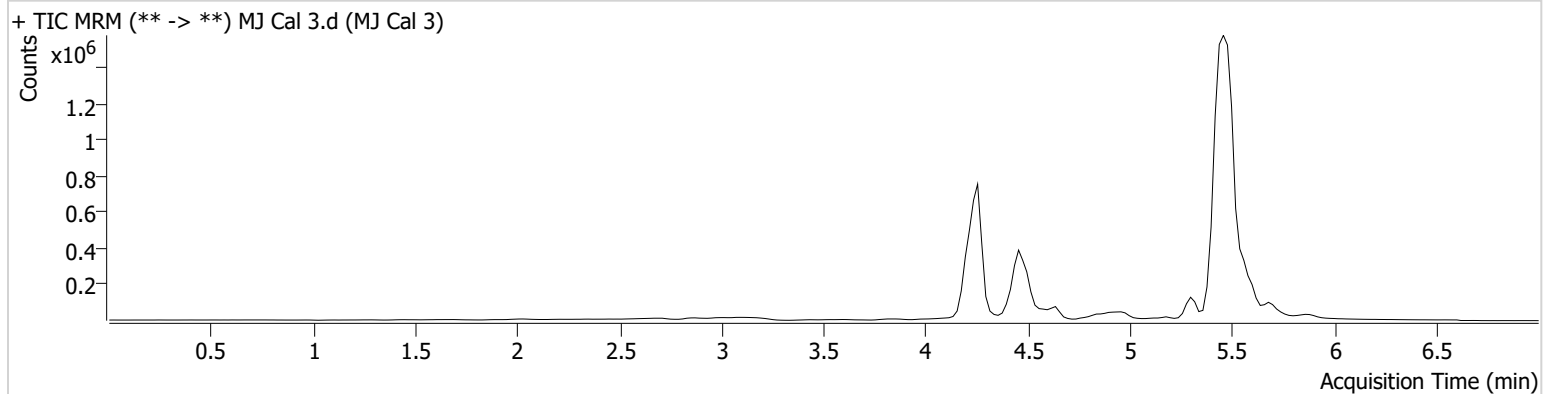
Batch results D:\MassHunter\Data\2024\AM 25 26\082924 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 9/10/2024 2:15:35 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-C1
Injection Volume 10
Acq. Date-Time 8/29/2024 12:03:38 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	5.409	9849	413125	4.73 ng/ml
THC-COOH	4.496	309007	1126312	21.98 ng/ml
THC-OH	4.262	33410	3421523	4.89 ng/ml

AM #26 Cannabinoids Screen Results



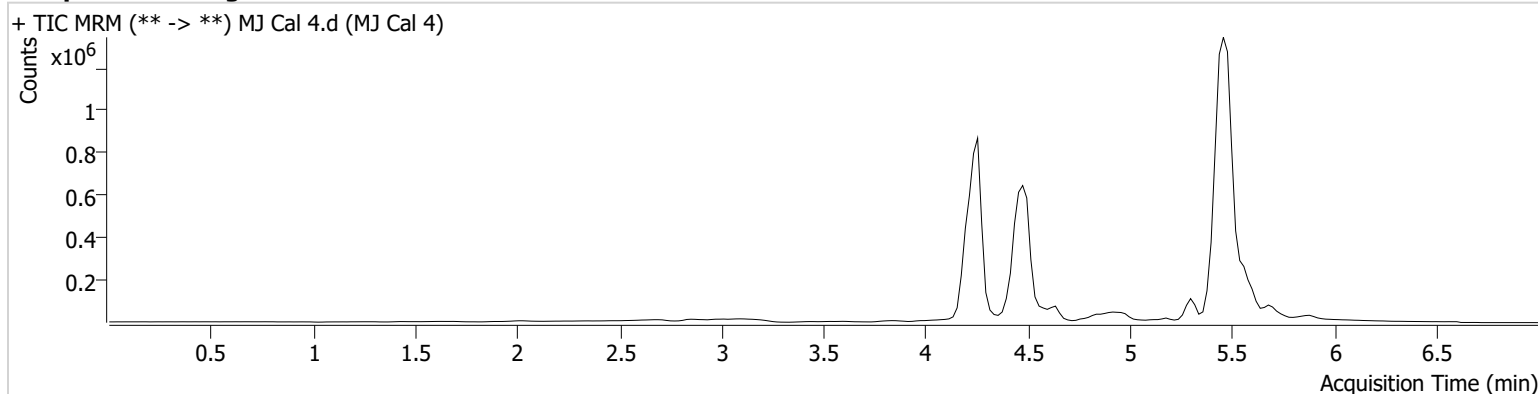
Batch results D:\MassHunter\Data\2024\AM 25 26\082924 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 9/10/2024 2:15:35 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-D1
Injection Volume 10
Acq. Date-Time 8/29/2024 12:11:12 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	5.409	16238	326508	9.68 ng/ml
THC-COOH	4.496	835784	1193350	56.70 ng/ml
THC-OH	4.262	73762	3712119	9.87 ng/ml

AM #26 Cannabinoids Screen Results



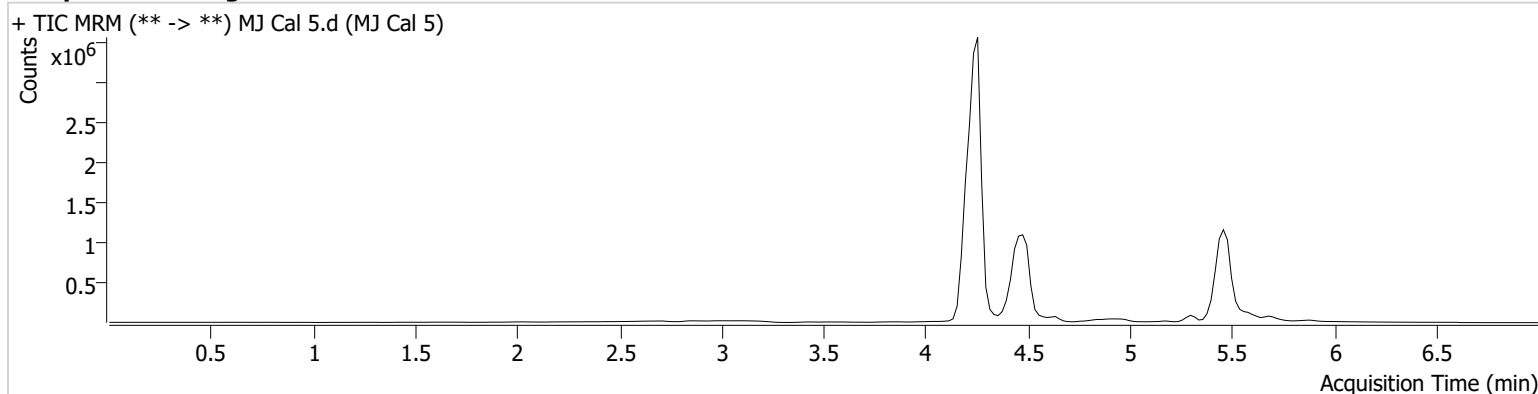
Batch results D:\MassHunter\Data\2024\AM 25 26\082924 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 9/10/2024 2:15:35 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-E1
Injection Volume 10
Acq. Date-Time 8/29/2024 12:18:47 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	5.409	28696	222483	24.85 ng/ml
THC-COOH	4.476	1688017	1963239	69.70 ng/ml
THC-OH	4.262	599662	12141852	24.41 ng/ml

AM #26 Cannabinoids Screen Results



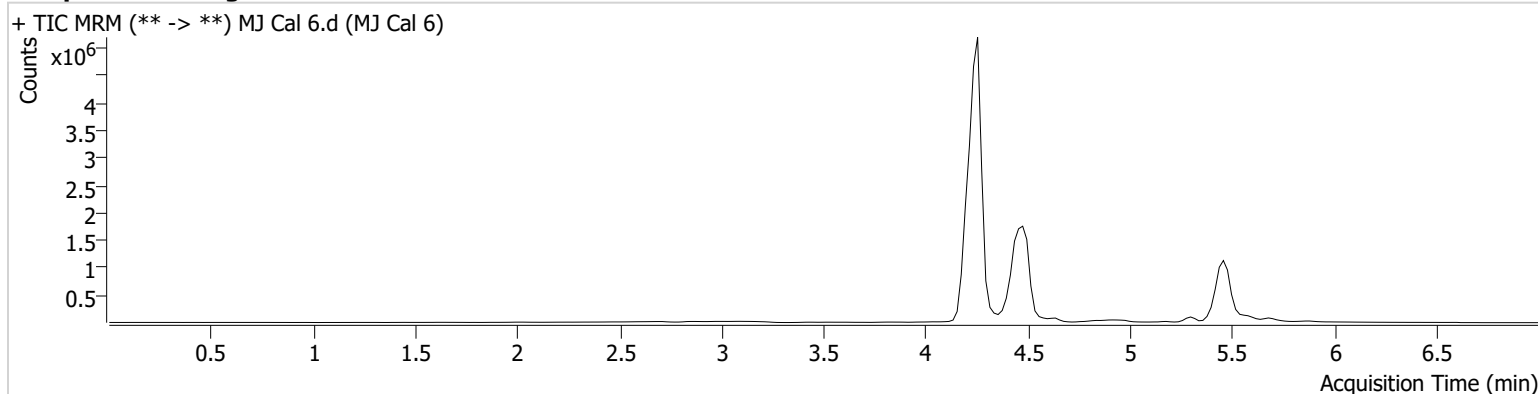
Batch results D:\MassHunter\Data\2024\AM 25 26\082924 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 9/10/2024 2:15:35 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-F1
Injection Volume 10
Acq. Date-Time 8/29/2024 12:26:21 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	5.409	61264	224527	52.40 ng/ml
THC-COOH	4.476	2839996	2679129	86.02 ng/ml
THC-OH	4.262	1300703	12696717	50.54 ng/ml

AM #26 Cannabinoids Screen Results



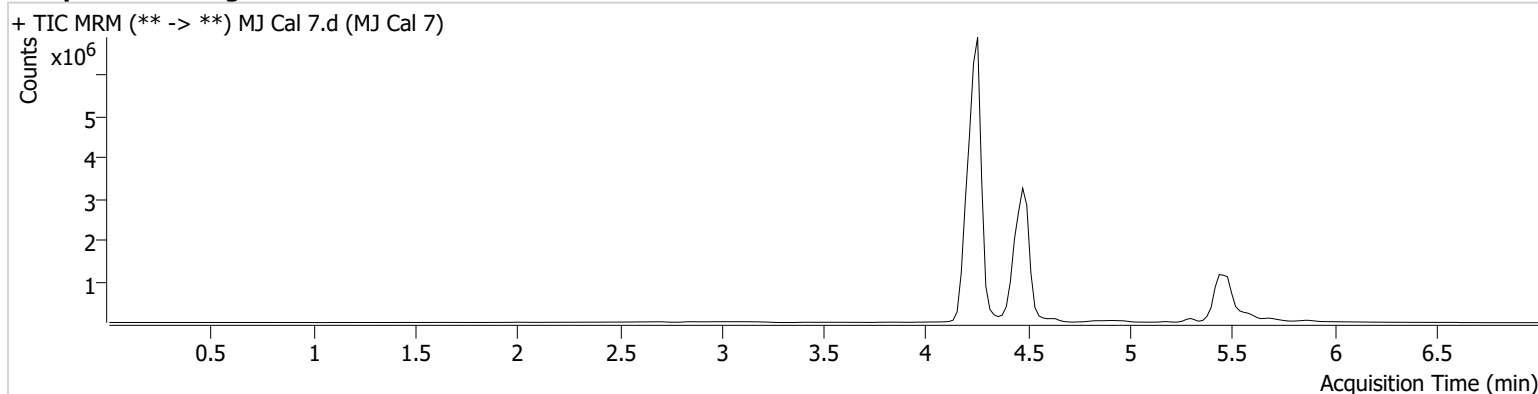
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Calibration Last Update 9/10/2024 2:15:35 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-G1
Injection Volume 10
Acq. Date-Time 8/29/2024 12:33:55 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	5.409	72682	141754	98.31 ng/ml
THC-COOH	4.476	5452474	1845350	240.47 ng/ml
THC-OH	4.262	2343247	11523587	100.24 ng/ml