











Worklist: 6849

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
M2024-1947	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-1982	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-2017	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-2070	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-2117	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1171	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1487	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1516	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1517	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1518	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1519	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1554	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1574	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1601	1	BLOOD	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1602	1	BLOOD	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1610	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1641	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1711	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1737	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1744	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1747	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

Worklist: 6849

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2024-1748	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1774	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1776	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1777	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1779	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1792	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1809	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1818	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: 06/13/2024

Plate lot#: 231213

Mobile phase A: 10mM Amm Form

Instant Buffer I

Blank Blood Lot: Lampire 24C52816

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:

AM #25 Multi-Drug Screen. Results



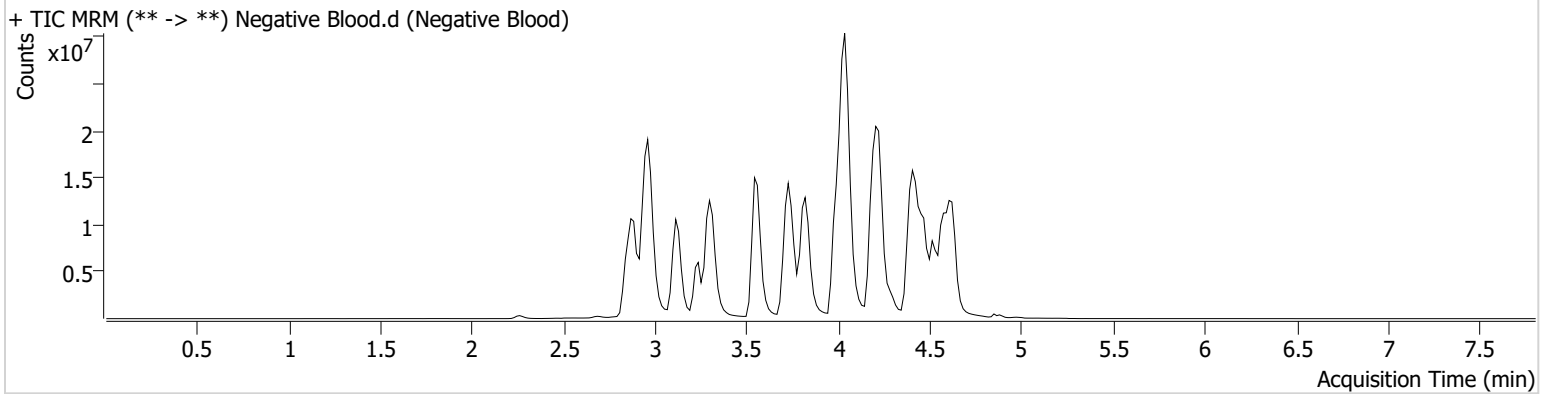
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Calibration Last Update 6/20/2024 7:57:28 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 25 MDS.m
Sample Position P2-E1
Injection Volume 5
Acq. Date-Time 6/13/2024 10:56:14 AM
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

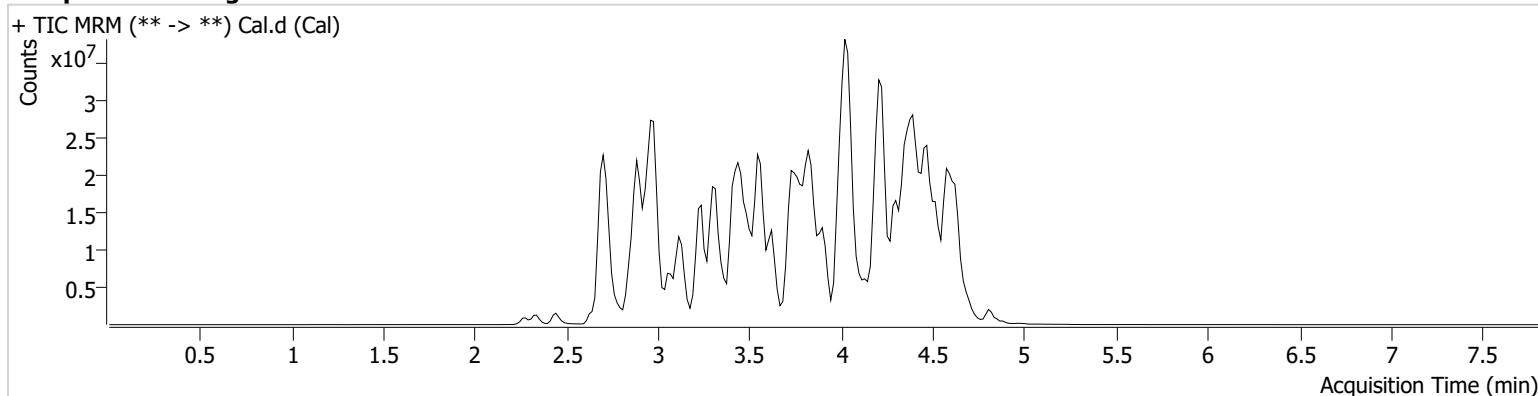


Batch results D:\MassHunter\Data\2024\AM 25 26\061324 AM 25 26 CS\QuantResults\AM 25.batch.bin
Calibration Last Update 6/20/2024 7:57:28 AM

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 6/13/2024 10:47:36 AM
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	2625494	35.84	2138.07	22280057	10.0000
6-MAM	2.881	70222	455.65	21.78	2752609	10.0000
7-aminoclonazepam	3.561	1319833	∞	794925.6 3	8013337	10.0000
7-aminoflunitrazepam	3.761	4387673	680.66	625.76	8013337	10.0000
9-Hydroxyrisperidone	3.815	16898616	2699.62	191066.7 4	43936662	10.0000
Acetyl Fentanyl	3.804	717924	238.23	330650.5 5	44464794	10.0000
Acetyl Norfentanyl	2.889	493419	376.06	151.29	44464794	10.0000
a-hydroxyalprazolam	4.483	257702	286.99	50.42	8013337	10.0000
alpha-hydroxymidazolam	4.558	1868063	131.01	69.49	8013337	10.0000
Alpha-PHP	3.796	5309490	4604.06	1075.06	44464794	10.0000
alpha-PVP	3.520	6872342	1048.50	187.91	18996913	10.0000
Alprazolam	4.578	1934401	84.92	46.20	29920752	10.0000
Amitriptyline	4.397	4058561	214.10	278.59	18974312	10.0000
Amphetamine	2.894	5556356	2553.92	583.70	18996913	10.0000
Benzoylcegonine	3.360	141365	256.65	11.45	813402	10.0000
Bromazolam	4.650	1139925	3779.88	7405.78	29920752	10.0000
Brompheniramine	4.005	183309	117062.85	796.15	56792622	10.0000
Buprenorphine	4.447	105823	508.72	11430.90	7638768	10.0000
Bupropion	3.734	8148542	2348.61	847.07	31561428	10.0000
Carbamazepine	4.199	11163430	1310.26	1005.52	520815	10.0000
Carisoprodol	4.197	1484366	3891.86	68.54	13853538	10.0000
Chlordiazepoxide	4.687	2321517	1741.98	466.26	29920752	10.0000
Chlorpheniramine	3.917	15899485	475.95	41.16	22469632	10.0000
Chlorpromazine	4.576	5426942	4970.06	676.28	32773633	10.0000
Citalopram	4.036	4840580	1658.33	915549.4 9	56792622	10.0000
Clomipramine	4.592	7572922	20203.18	6043.45	56792622	10.0000
Clonazepam	4.407	1453270	245.47	202031.3 4	520815	10.0000

AM #25 Multi-Drug Screen. Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Clonazepam	4.327	1364102	361193.87	238083.90	29920752	10.0000
Clozapine	4.220	6926611	1906.78	1370.75	31351744	10.0000
Cocaethylene	3.758	7411931	2365.56	1714.76	39722805	10.0000
Cocaine	3.560	7005097	397.57	225.39	39722805	10.0000
Codeine	2.794	638425	386928.75	1251.76	15464244	10.0000
Cyclobenzaprine	4.320	5907336	1302.56	76.08	18974312	10.0000
Desipramine	4.336	10965192	1218.49	627.94	18974312	10.0000
Dextromethorphan	4.041	2977091	457.51	1375.22	22469632	10.0000
Dextrorphan	3.347	4216919	690.94	5089.60	22469632	10.0000
Diazepam	4.811	2573427	4991.75	1399.85	29920752	10.0000
Dihydrocodeine	2.731	1620636	631.57	369.16	15464244	10.0000
Diphenhydramine	3.996	15966429	3188.55	12257.45	56792622	10.0000
DMT	2.952	804899	1626.53	7816.01	22469632	10.0000
Doxepin	4.118	4643901	798.33	116.39	39517612	10.0000
Doxylamine	3.624	15769736	16805874.86	10083.82	22469632	10.0000
Duloxetine	4.286	241766	93640.33	58494.10	3582124	10.0000
EDDP	4.055	351239	42510.25	26.35	2533693	10.0000
Estazolam	4.502	8465187	593.27	871.56	29920752	10.0000
Etizolam	4.604	422048	293614.19	1027042.27	29920752	10.0000
Fentanyl	4.034	576205	279.84	21188.85	31882306	10.0000
Flualprazolam	4.452	670878	302105.09	244362.06	29920752	10.0000
Flunitrazepam	4.516	2986063	550.49	146.15	29920752	10.0000
Fluorofentanyl	4.064	1101127	∞	330.63	31882306	10.0000
Fluoxetine	4.300	7254396	3805.48	148.36	19942853	10.0000
Flurazepam	4.125	6174444	779.24	171530.71	29920752	10.0000
Hydrocodone	2.977	2217279	139.27	407.23	15464244	10.0000
Hydromorphone	2.444	2373511	1179.86	939.98	877853	10.0000
Hydroxyzine	4.449	7097645	1823.09	885.59	31351744	10.0000
Imipramine	4.350	15570694	20840.98	1386.57	18974312	10.0000
Ketamine	3.458	6465334	5184.33	196.44	24335824	10.0000
Lamotrigine	3.548	3325747	4021.36	11465.48	56792622	10.0000
Levamisole	2.936	5261583	2184940.37	274.53	39722805	10.0000
Levetiracetam	2.648	2937089	793.57	654.69	56792622	10.0000
Lorazepam	4.407	483528	170.17	97.09	29920752	10.0000
Maprotiline	4.397	3270889	154.77	624.25	18974312	10.0000
MDA	2.999	5209727	1228.79	141.34	40199225	10.0000
MDEA	3.213	9141334	1494.25	994.41	40199225	10.0000
MDMA	3.075	11574334	17006.19	388.81	40199225	10.0000
Meperidine	3.579	3527227	828.70	396.63	22469632	10.0000
Meprobamate	3.644	1295246	328.45	162.82	13853538	10.0000
Methadone	4.362	13558189	1194.65	1379.94	2533693	10.0000
Methamphetamine	2.985	22114847	1500.59	392.46	40199225	10.0000
Methocarbamol	3.549	274052	96.40	169.71	2533693	10.0000
Methylphenidate	3.488	20728685	3032.57	831.19	32988662	10.0000
Metoprolol	3.424	1572726	629.37	383.33	22469632	10.0000
Midazolam	4.714	481508	291.58	432.21	29920752	10.0000
Mirtazapine	3.856	7367296	187677.03	14434.94	22469632	10.0000
Mitragynine	4.140	931335	347830.60	4203.59	22469632	10.0000
Morphine	2.278	627325	5065.83	250.32	877853	10.0000
Norbuprenorphine	3.800	205656	136671.79	103368.31	7638768	10.0000
Nordiazepam	4.659	3280064	2932.61	369.21	29920752	10.0000
Norfentanyl	3.319	14143453	2690.01	168.20	44464794	10.0000
Norhydrocodone	2.917	158595	389.00	94.70	877853	10.0000
Norketamine	3.535	692989	274.04	14567.43	24335824	10.0000
Normeperidine	3.581	2532299	398.74	276.68	56792622	10.0000
Noroxycodone	2.869	1787735	∞	103.77	24335824	10.0000

AM #25 Multi-Drug Screen. Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Nortriptyline	4.382	3812000	2980.34	551.93	18974312	10.0000
O-desmethyl-tramadol	2.903	14592742	2749.22	369.24	56792622	10.0000
O-desmethylvenlafaxine	3.239	2862296	2725.54	9393.27	17665978	10.0000
Olanzapine	3.759	2443971	5188567.90	3338.47	520815	10.0000
Oxazepam	4.487	2912846	1642.86	276.50	22461673	10.0000
Oxycodone	2.898	4852388	1530.06	4805.66	24335824	10.0000
Oxymorphone	2.336	2464719	135.76	1081.24	877853	10.0000
Paroxetine	4.297	1189178	300.28	232950.26	19942853	10.0000
Phenazepam	4.604	3744140	23674.39	1782.51	29920752	10.0000
Phencyclidine	3.904	12521608	505.49	420.90	22469632	10.0000
Phentermine	3.138	3235115	168.77	∞	32988662	10.0000
Phenytoin	4.105	1108975	472.21	2125.48	520815	10.0000
Primidone	3.459	21282977	63214.75	770.89	520815	10.0000
Promethazine	4.287	17616085	1515.75	539.23	56792622	10.0000
Pseudoephedrine	2.709	65608838	490.58	2520.44	40199225	10.0000
Quetiapine	4.387	8219417	2436491.61	16408597.29	44438445	10.0000
Risperidone	4.016	11912207	9167.26	824.63	43936662	10.0000
Sertraline	4.517	3564234	3805.35	1530.65	19942853	10.0000
Sufentanil	4.356	506077	43037.83	645.31	44464794	10.0000
Tapentadol	3.428	10435921	1794.22	910.72	24335824	10.0000
Temazepam	4.641	6756990	2683.35	264.14	29920752	10.0000
Topiramate	3.818	915785	585670.47	547949.86	422276	10.0000
Tramadol	3.409	34551135	∞	94.32	56792622	10.0000
Trazodone	4.464	14235893	2875.37	7609.73	39517612	10.0000
Venlafaxine	3.777	12917262	2783.79	1138.34	17665978	10.0000
Xylazine	3.366	3519565	13827.27	140.18	24335824	10.0000
Zaleplon	4.317	3641733	601.44	136200.48	44438445	10.0000
Zolpidem	4.208	16058066	12609470.54	1863658.89	44438445	10.0000
Zopiclone	4.047	534147	4438.17	104947.74	2930154	10.0000

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

Extraction Date: 06/13/2024

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. 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*
- 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: P2024-1554-1 and P2024-1601-1 were reinjected due to low ISTD responses.

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	1	2	3	4	5	6
a	cal 1ng	QC 2	P2024-1487-2	P2024-1602-1	P2024-1774-1	
b	cal 3 ng	NEG CTRL	P2024-1516-1	P2024-1610-1	P2024-1776-1	
c	cal 5 ng	M2024-1947-1	P2024-1517-1	P2024-1641-1	P2024-1777-1	
d	cal 10ng	M2024-1982-1	P2024-1518-1	P2024-1711-1	P2024-1779-1	
e	cal 25 ng	M2024-2017-1	P2024-1519-1	P2024-1737-2	P2024-1792-1	
f	cal 50 ng	M2024-2070-2	P2024-1554-1	P2024-1744-1	P2024-1809-1	
g	cal 100 ng	M2024-2117-2	P2024-1574-1	P2024-1747-1	P2024-1818-1	
h	QC 1	P2024-1171-3	P2024-1601-1	P2024-1748-1		



AM #26 Cannabinoids Screen Results

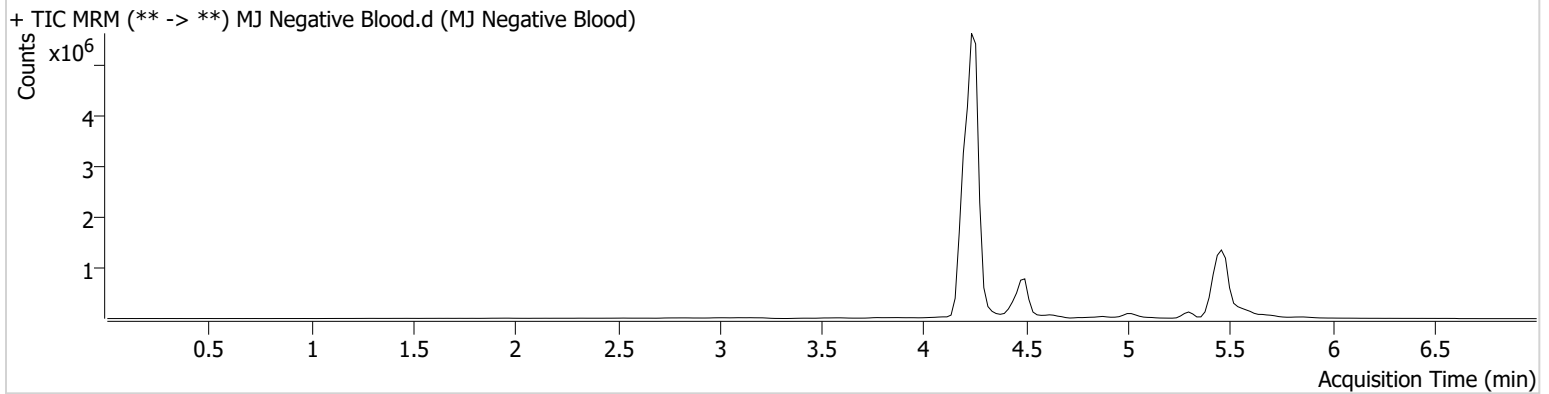
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Calibration Last Update 6/20/2024 7:58:10 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P1-B2
Injection Volume 10
Acq. Date-Time 6/13/2024 5:05:47 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

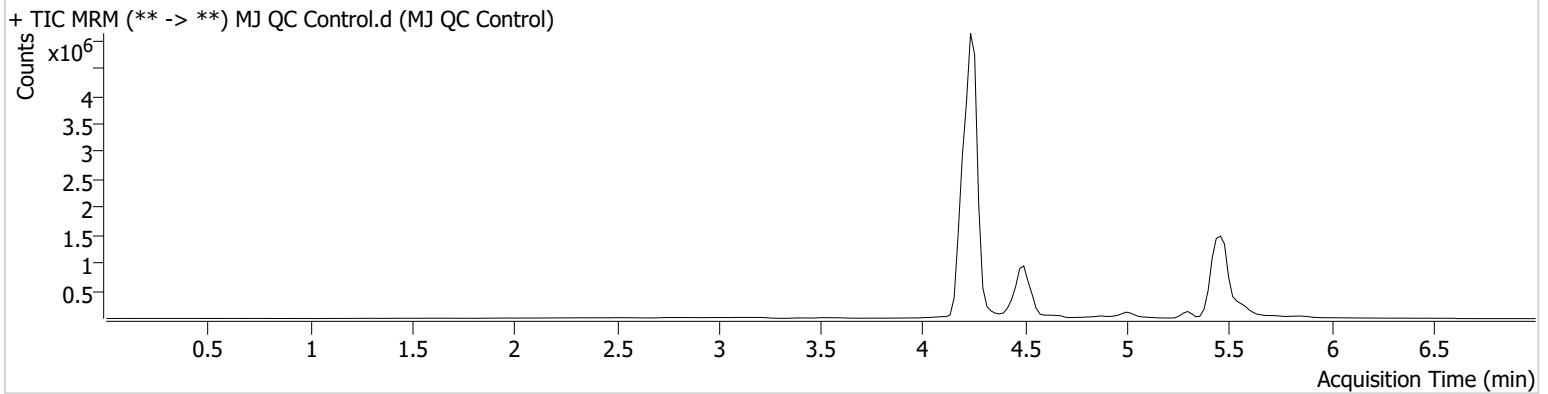
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Calibration Last Update 6/20/2024 7:58:10 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-H1
Injection Volume 10
Acq. Date-Time 6/13/2024 4:50:35 PM
Sample Info.

Data File MJ QC Control.d
Sample MJ QC 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.	ISTD Resp.	Final Conc.
THC	5.409	6544	277672	4.91 ng/ml
THC-COOH	4.516	623958	3124779	14.52 ng/ml
THC-OH	4.262	193944	23678877	4.66 ng/ml

AM #26 Cannabinoids Screen Results



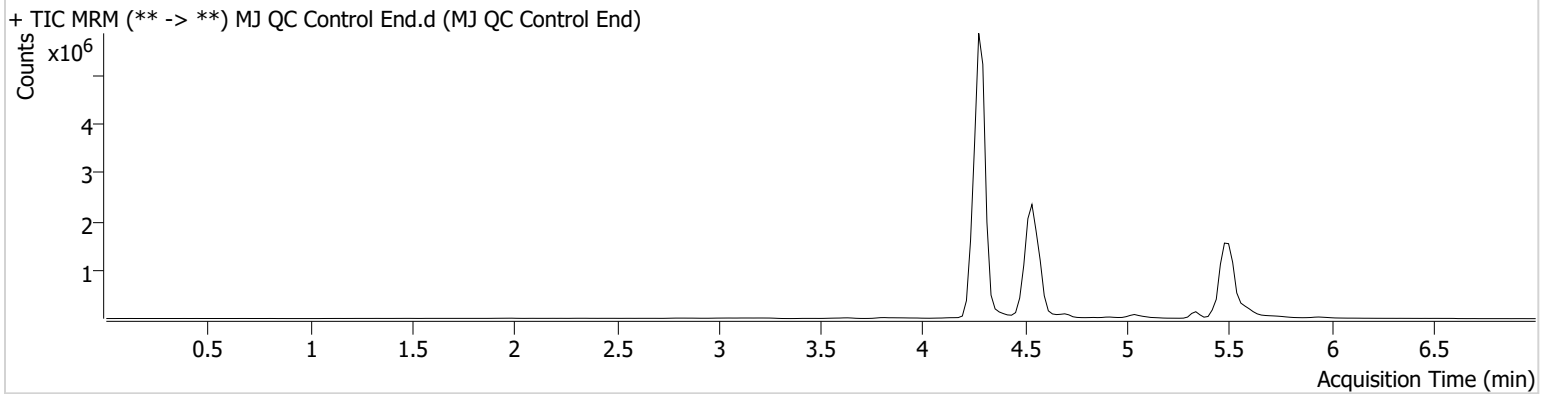
Batch results D:\MassHunter\Data\2024\AM 25 26\061324 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/20/2024 7:58:10 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-A2
Injection Volume 10
Acq. Date-Time 6/13/2024 8:53:18 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



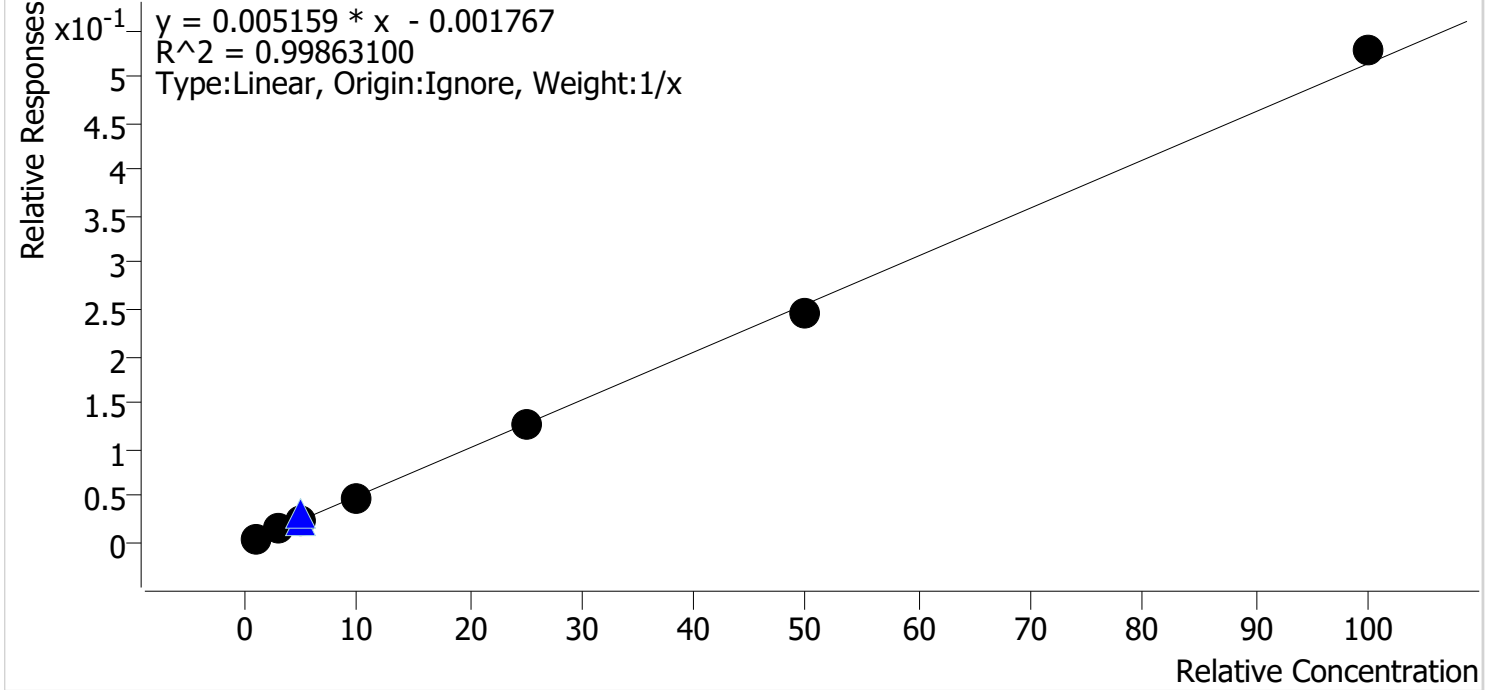
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.449	10235	308431	6.77 ng/ml
THC-COOH	4.556	1478615	6822574	15.78 ng/ml
THC-OH	4.302	183135	21578185	4.83 ng/ml



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\061324 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 6/20/2024 7:58 AM
Analyst Name ISP\Datastor
Analyte THC **Internal Standard** THC-D3

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

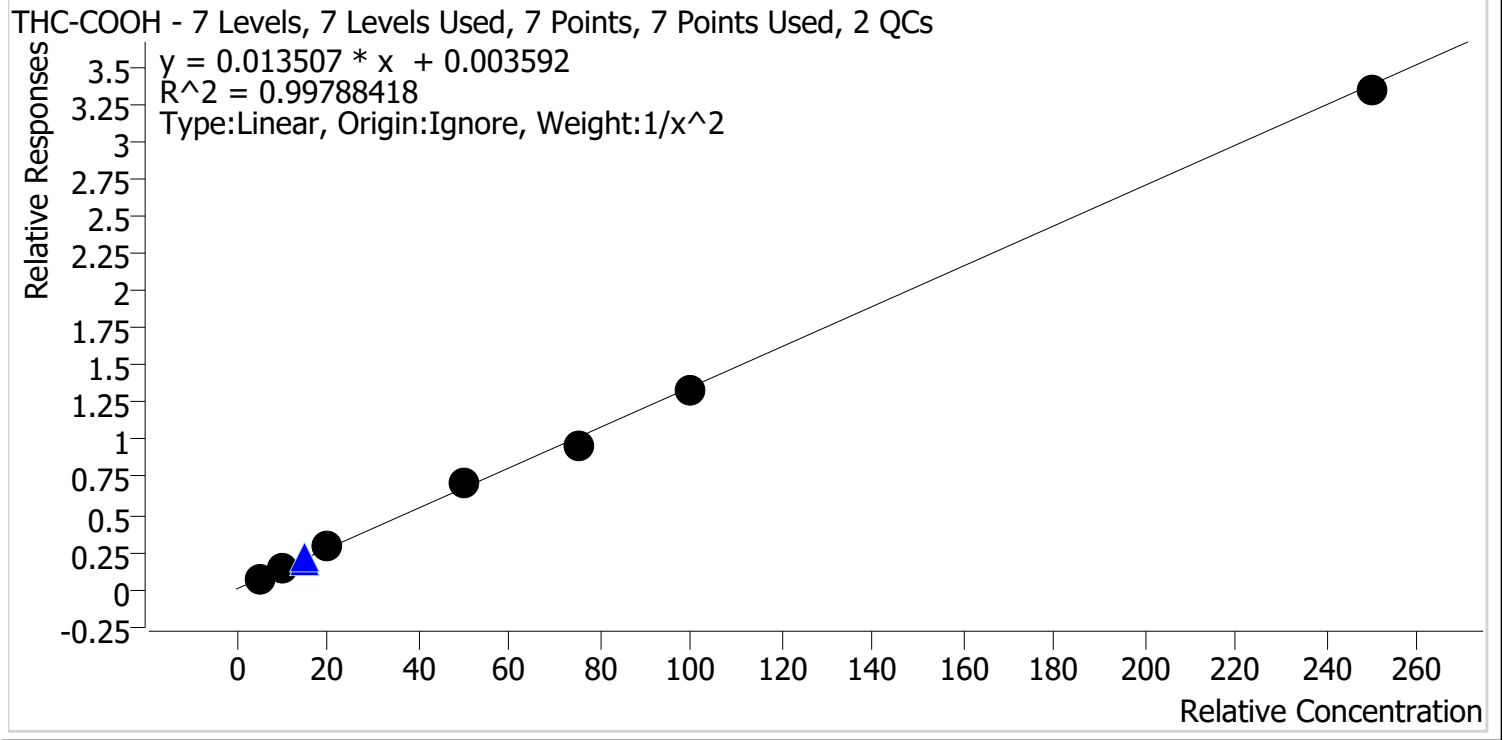


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.1	113.6
MJ Cal 2	2	✓	3.0	3.0	100.6
MJ Cal 3	3	✓	5.0	4.6	91.9
MJ Cal 4	4	✓	10.0	9.5	95.1
MJ Cal 5	5	✓	25.0	25.0	100.0
MJ Cal 6	6	✓	50.0	48.0	96.1
MJ Cal 7	7	✓	100.0	102.7	102.7



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\061324 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 6/20/2024 7:58 AM
Analyst Name ISP\Datastor
Analyte THC-COOH **Internal Standard** THC-COOH-D9

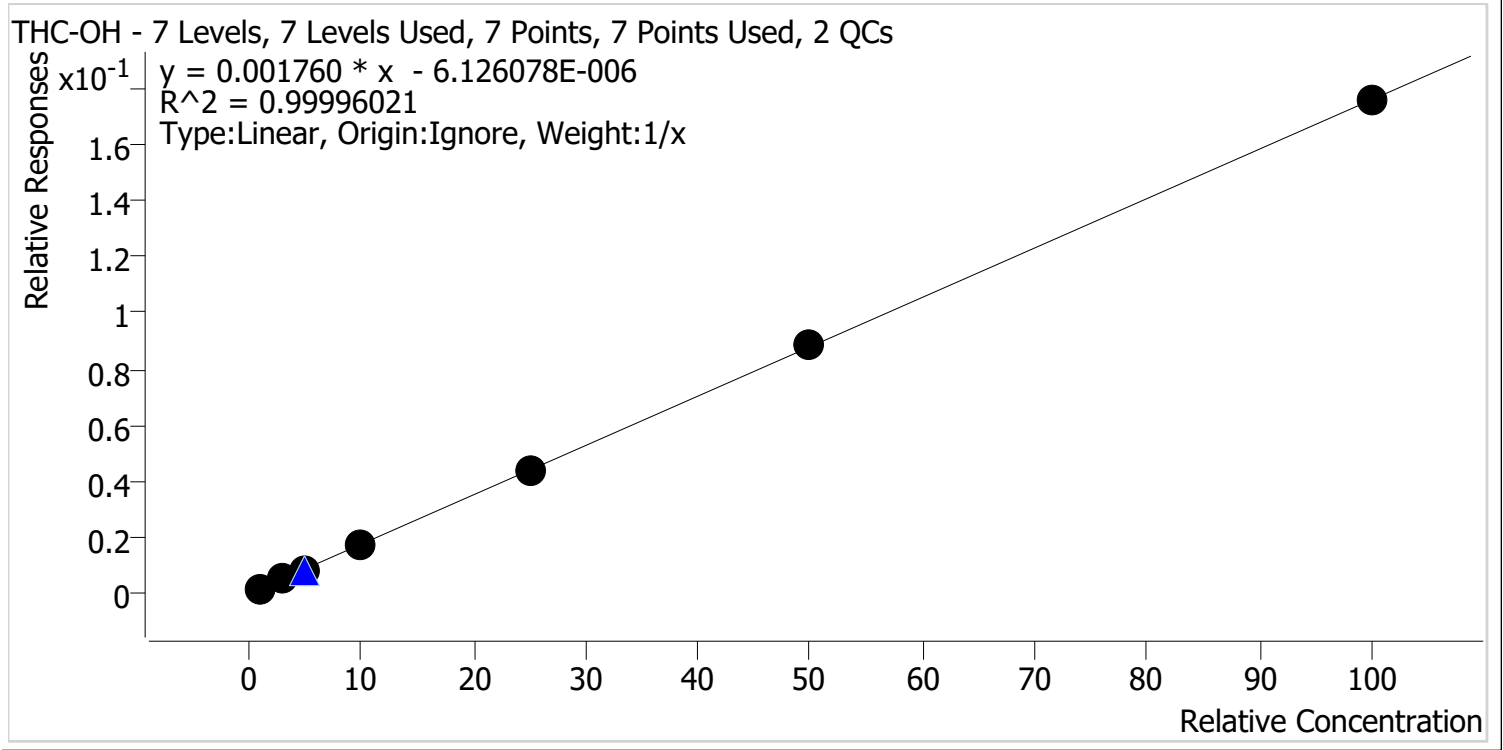


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	4.9	98.4
MJ Cal 2	2	✓	10.0	10.1	101.2
MJ Cal 3	3	✓	20.0	20.9	104.4
MJ Cal 4	4	✓	50.0	52.2	104.4
MJ Cal 5	5	✓	75.0	70.2	93.7
MJ Cal 6	6	✓	100.0	99.2	99.2
MJ Cal 7	7	✓	250.0	246.9	98.8



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\061324 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 6/20/2024 7:58 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	1.0	100.4
MJ Cal 2	2	✓	3.0	3.0	100.7
MJ Cal 3	3	✓	5.0	4.9	97.4
MJ Cal 4	4	✓	10.0	10.1	100.9
MJ Cal 5	5	✓	25.0	25.2	100.8
MJ Cal 6	6	✓	50.0	50.0	100.1
MJ Cal 7	7	✓	100.0	99.8	99.8

AM #26 Cannabinoids Screen Results



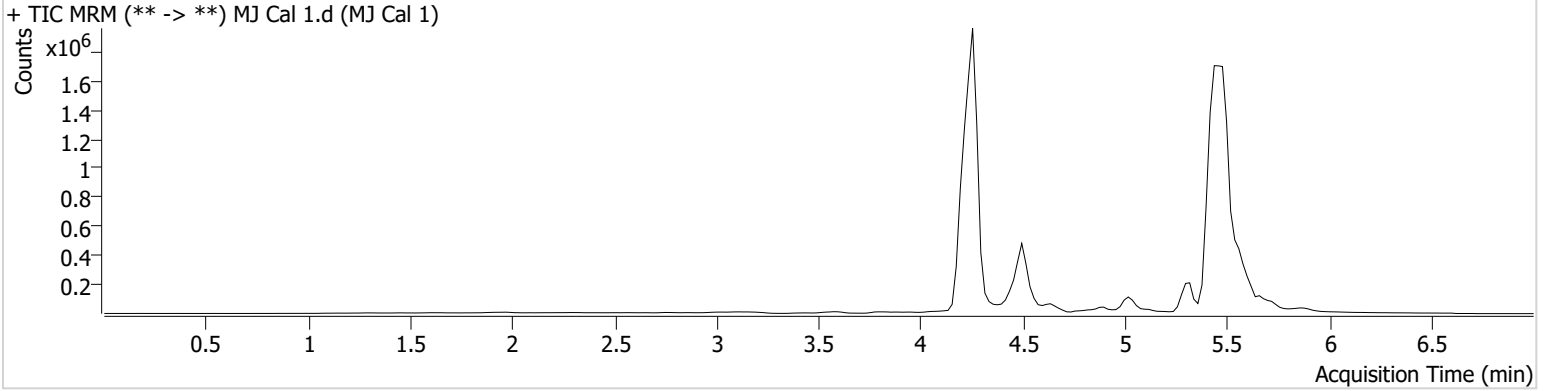
Batch results D:\MassHunter\Data\2024\AM 25 26\061324 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/20/2024 7:58:10 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-A1
Injection Volume 10
Acq. Date-Time 6/13/2024 3:57:22 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	5.409	3212	784329	1.14 ng/ml Low
THC-COOH	4.536	121713	1738337	4.92 ng/ml Low
THC-OH	4.282	16325	9272149	1.00 ng/ml Low

AM #26 Cannabinoids Screen Results



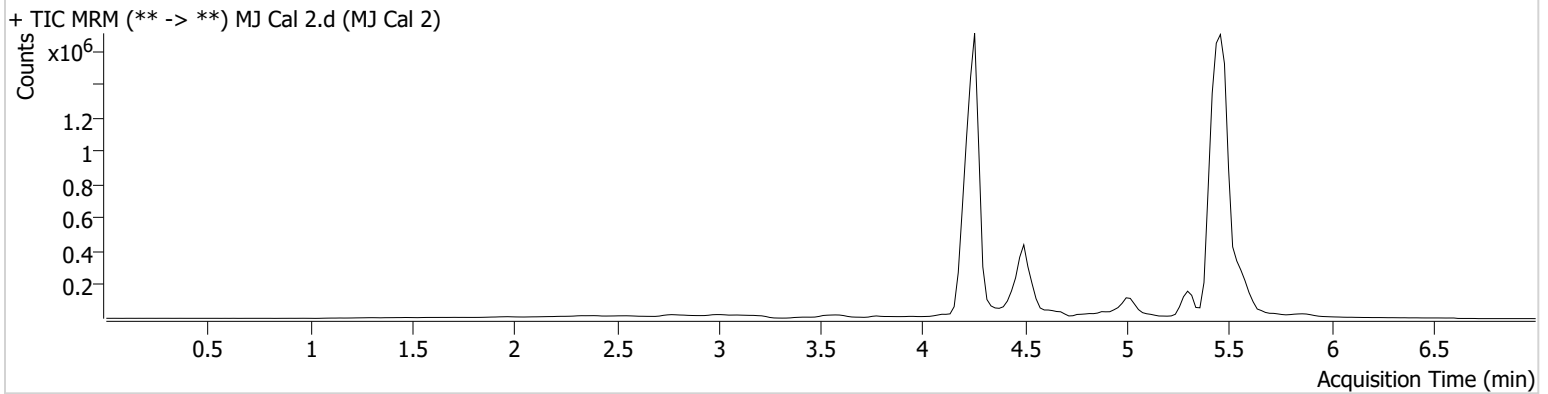
Batch results D:\MassHunter\Data\2024\AM 25 26\061324 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/20/2024 7:58:10 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-B1
Injection Volume 10
Acq. Date-Time 6/13/2024 4:05:06 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	5.409	11388	824956	3.02 ng/ml
THC-COOH	4.536	210734	1502678	10.12 ng/ml
THC-OH	4.262	39713	7477814	3.02 ng/ml



AM #26 Cannabinoids Screen Results

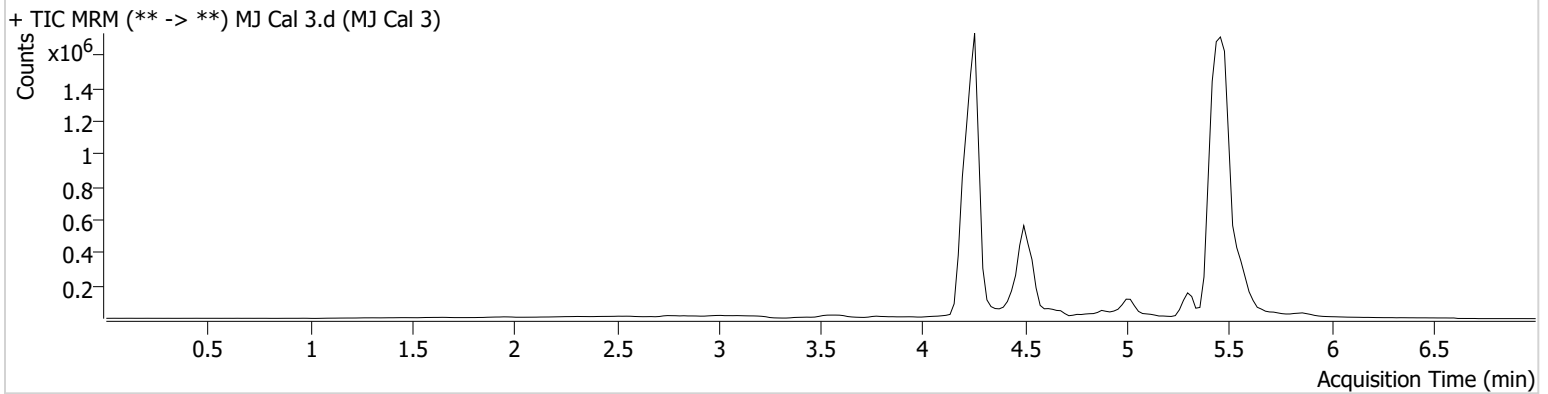
Batch results D:\MassHunter\Data\2024\AM 25 26\061324 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/20/2024 7:58:10 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-C1
Injection Volume 10
Acq. Date-Time 6/13/2024 4:12:41 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	15220	694009	4.59 ng/ml
THC-COOH	4.536	453316	1586839	20.88 ng/ml
THC-OH	4.262	68110	7955653	4.87 ng/ml



AM #26 Cannabinoids Screen Results

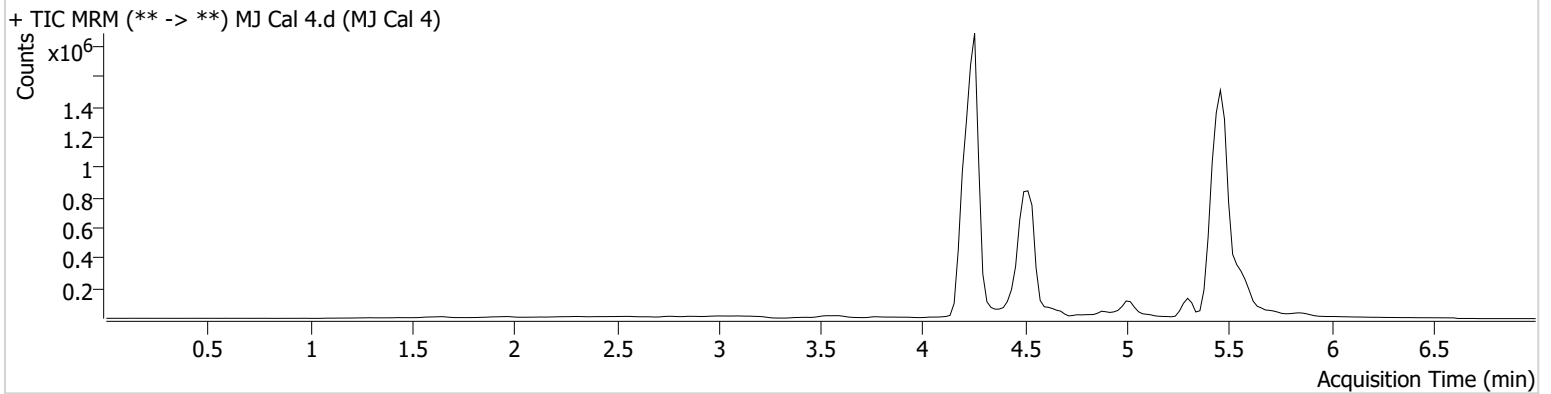
Batch results D:\MassHunter\Data\2024\AM 25 26\061324 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/20/2024 7:58:10 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-D1
Injection Volume 10
Acq. Date-Time 6/13/2024 4:20:15 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	19448	410995	9.51 ng/ml
THC-COOH	4.516	1153345	1627072	52.21 ng/ml
THC-OH	4.262	144498	8136403	10.09 ng/ml



AM #26 Cannabinoids Screen Results

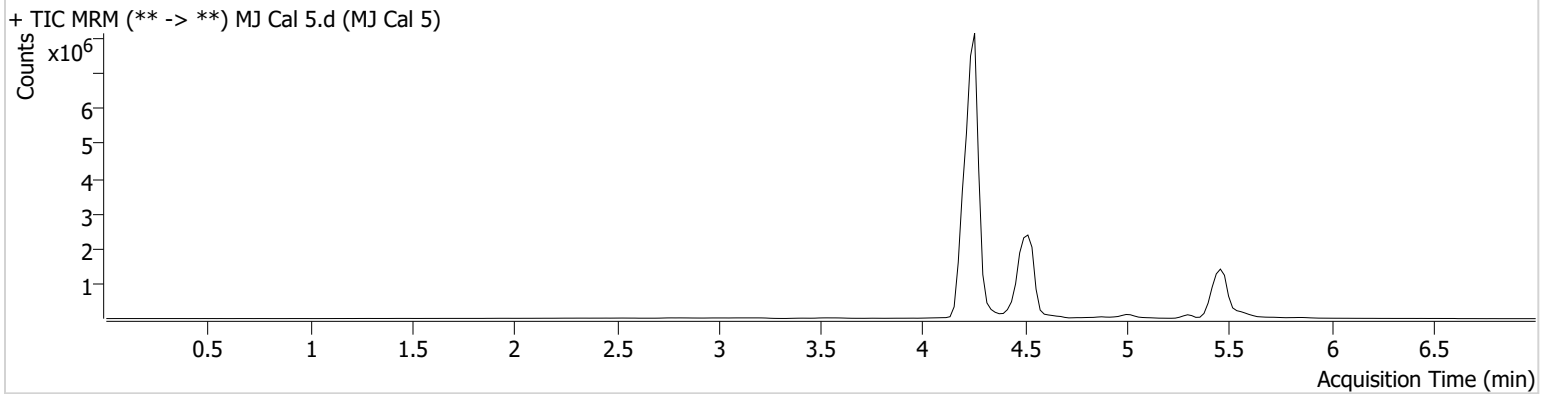
Batch results D:\MassHunter\Data\2024\AM 25 26\061324 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/20/2024 7:58:10 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-E1
Injection Volume 10
Acq. Date-Time 6/13/2024 4:27:50 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	47712	375001	25.00 ng/ml
THC-COOH	4.516	3530300	3706564	70.25 ng/ml
THC-OH	4.262	1238788	27936594	25.20 ng/ml



AM #26 Cannabinoids Screen Results

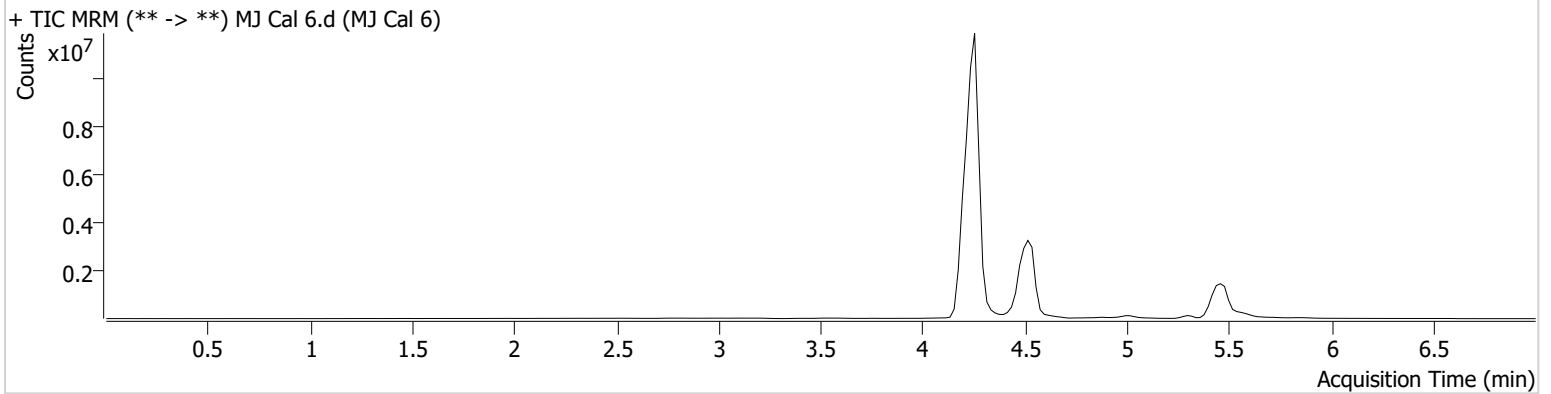
Batch results D:\MassHunter\Data\2024\AM 25 26\061324 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/20/2024 7:58:10 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-F1
Injection Volume 10
Acq. Date-Time 6/13/2024 4:35:24 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	87385	355191	48.03 ng/ml
THC-COOH	4.516	5012354	3731279	99.19 ng/ml
THC-OH	4.262	2764686	31398027	50.03 ng/ml

AM #26 Cannabinoids Screen Results



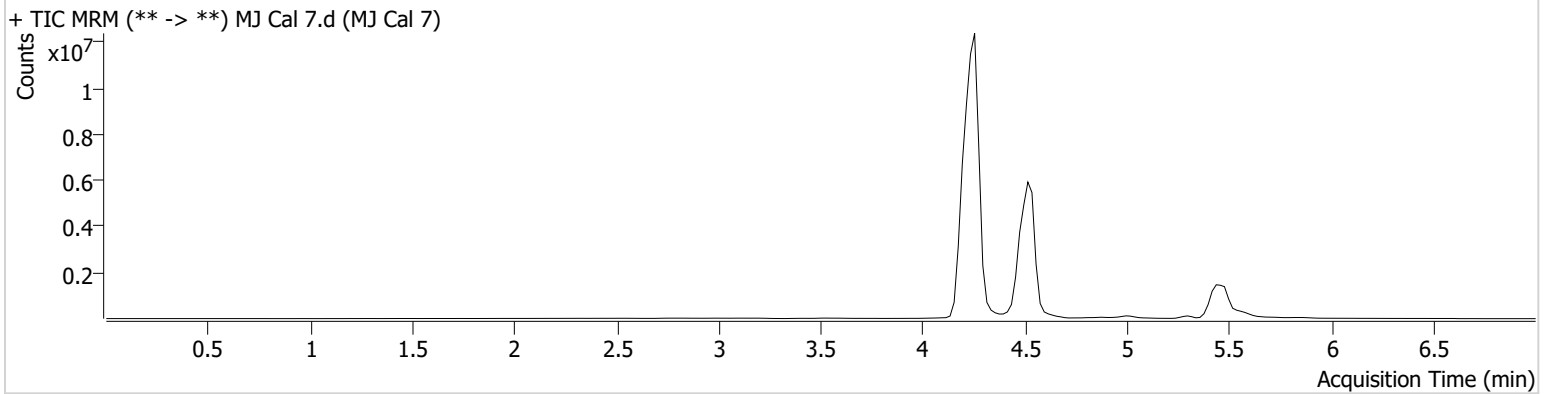
Batch results D:\MassHunter\Data\2024\AM 25 26\061324 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/20/2024 7:58:10 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-G1
Injection Volume 10
Acq. Date-Time 6/13/2024 4:42:58 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	125960	238498	102.71 ng/ml
THC-COOH	4.516	10123504	3031914	246.94 ng/ml
THC-OH	4.262	4335744	24687526	99.79 ng/ml