










Worklist: 6379

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-1613	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2023-1618	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2023-1699	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2023-1704	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2023-1885	6	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2023-1896	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2023-1905	6	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2023-2026	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2023-2027	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1118	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1138	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1147	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1153	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1189	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1227	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1305	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1322	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1381	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1387	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1388	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1391	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2023-1394	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1397	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1401	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1402	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1423	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1425	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1437	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-1438	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: 05/23/2023

Plate lot#: 230119

Mobile phase A: 10mM Amm Form

Instant Buffer I

Blank Blood Lot: Lampire 23A52594

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 07/19/2023

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:

	1	2	3	4	5	6	7	8	9	10	11	12
A									P2023-1438-1	P2023-1391-1	P2023-1153-1	M2023-1885-6
B									P2023-1437-1	P2023-1388-1	P2023-1147-1	M2023-1704-1
C									P2023-1425-1	P2023-1387-1	P2023-1138-1	M2023-1699-1
D									P2023-1423-1	P2023-1381-1	P2023-1118-2	M2023-1618-1
E									P2023-1402-1	P2023-1322-2	M2023-2027-2	M2023-1613-1
F									P2023-1401-1	P2023-1305-1	M2023-2026-3	NEG
G									P2023-1397-1	P2023-1227-1	M2023-1905-6	CAL
H									P2023-1394-1	P2023-1189-1	M2023-1896-1	

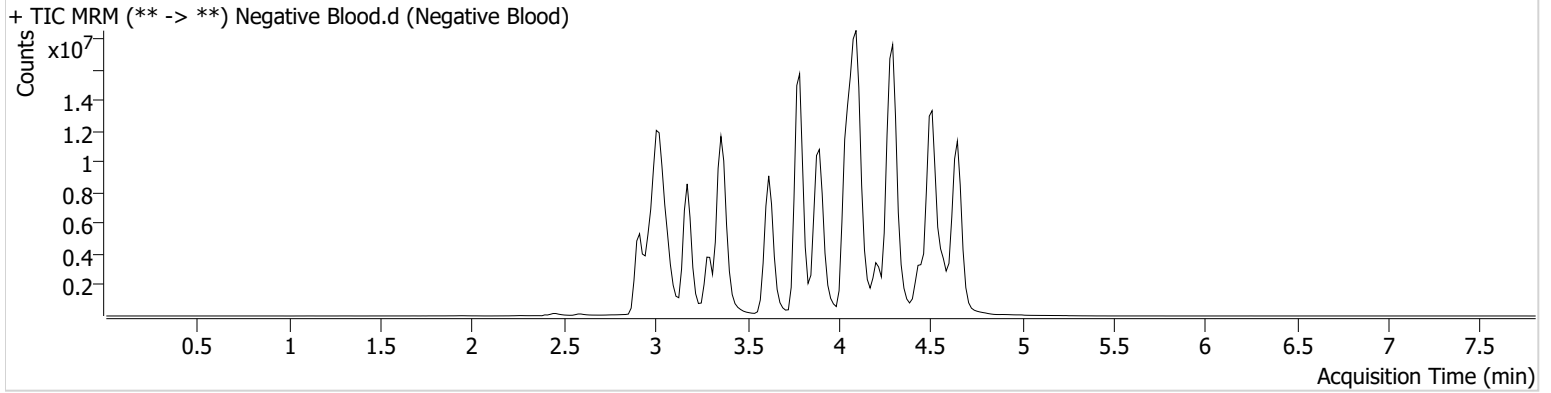
AM #25 Multi-Drug Screen Results



Batch results G:\TOX\Pocatello\Falco\2023\AM 25 26\052323 AM 25 26 CS\QuantResults\AM 25.batch.bin
Calibration Last Update 6/5/2023 3:03:00 PM

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-F12	Comment	
Injection Volume	5		
Acq. Date-Time	5/23/2023 9:28:22 PM		
Sample Info.			

Sample Chromatogram



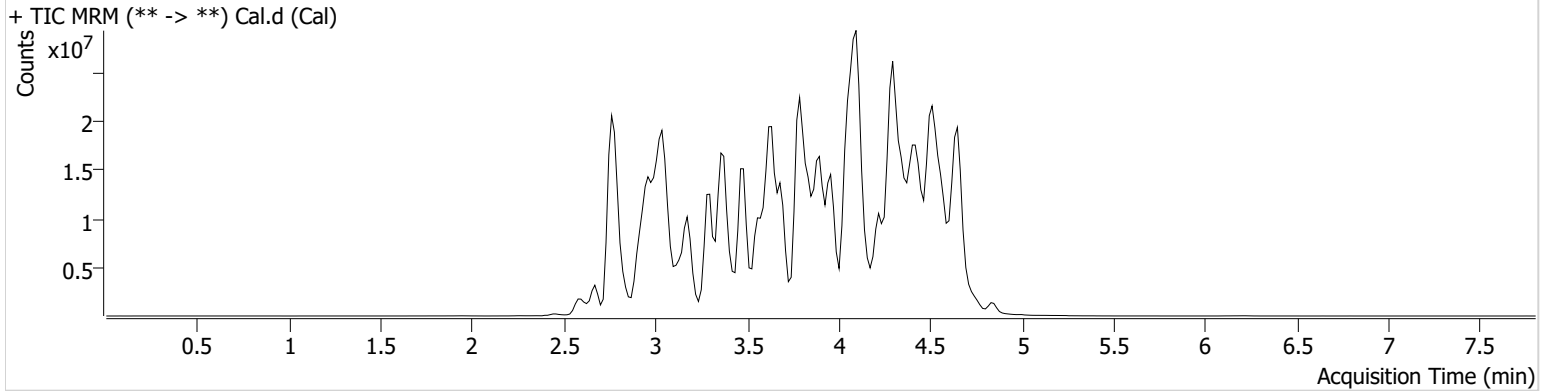
AM #25 Multi-Drug Screen Results



Batch results G:\TOX\Pocatello\Falco\2023\AM 25 26\052323 AM 25 26 CS\QuantResults\AM 25.batch.bin
Calibration Last Update 6/5/2023 3:03:00 PM

Instrument	Falco (069901)	Data File	Cal.d
Type	Cal	Sample	Cal
Acq. Method	AM 25 MDS.m	Operator	Celena Shrum
Sample Position	P2-G12	Comment	
Injection Volume	5		
Acq. Date-Time	5/23/2023 9:19:46 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
10-OH-Carbamazepine	3.779	4574919	181.76	636.91	28057254	10.0000
6-MAM	2.989	87459	25624.86	48472.30	1426304	10.0000
7-aminoclonazepam	3.607	1064518	375.09	212.02	4158425	10.0000
7-aminoflunitrazepam	3.806	1673112	1141.13	245.94	4158425	10.0000
9-Hydroxyrisperidone	3.891	13309583	1791.99	349988.42	40607108	10.0000
Acetyl Fentanyl	3.880	623991	185.84	224810.16	40944726	10.0000
Acetyl Norfentanyl	2.951	668753	3572.03	1015.19	40944726	10.0000
a-hydroxyalprazolam	4.511	284078	99.29	58.85	4158425	10.0000
alpha-hydroxymidazolam	4.587	2821761	2722.47	379.03	4158425	10.0000
Alpha-PHP	3.857	5408984	11570.13	906.05	40944726	10.0000
alpha-PVP	3.596	7429218	825.21	1254.75	16688023	10.0000
Alprazolam	4.622	2602481	284.13	125.39	23803142	10.0000
Amitriptyline	4.441	3688105	102.57	252.70	10184946	10.0000
Amphetamine	2.955	5100417	661.40	745.42	16688023	10.0000
Benzoyllecgonine	3.406	500492	195.31	610.40	664548	10.0000
Brompheniramine	4.066	158937	188.19	14341.86	56340331	10.0000
Buprenorphine	4.537	1302063	17701.02	95986.54	4176729	10.0000
Bupropion	3.811	6703170	1008.36	1122.27	25997979	10.0000
Carbamazepine	4.244	14547008	1175.88	∞	513651	10.0000
Carisoprodol	4.227	1758958	2531.65	187.56	8776450	10.0000
Chlordiazepoxide	4.731	1022591	258.79	792.18	23803142	10.0000
Chlorpheniramine	3.977	12203812	658.43	1318.30	15343572	10.0000
Chlorpromazine	4.635	3795560	704690.63	583.73	16123271	10.0000
Citalopram	4.080	4268842	579.70	883067.38	56340331	10.0000
Clomipramine	4.636	5448961	4020.17	2765.44	56340331	10.0000
Clonazepam	4.436	1793201	400.17	638.93	513651	10.0000
Clonazolam	4.371	1644374	5819.12	573270.16	23803142	10.0000
Clozapine	4.295	6428716	1928.25	1208.07	23982509	10.0000
Cocaehtylene	3.835	6457900	118252.96	23193.67	28429527	10.0000
Cocaine	3.621	6354997	1016.60	360.59	28429527	10.0000
Codeine	2.901	507897	671.45	820.07	11427808	10.0000
Cyclobenzaprine	4.364	4693797	569.55	123.92	10184946	10.0000
Desipramine	4.396	9700936	846.03	467.80	10184946	10.0000
Dextromethorphan	4.102	3127875	646.41	31889.27	15343572	10.0000

Cal

AM #25 Multi-Drug Screen Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Dextrophan	3.425	4191121	582.84	2679.35	15343572	10.0000
Diazepam	4.839	1892261	1548.00	906.24	23803142	10.0000
Dihydrocodeine	2.824	1731429	7371.22	∞	11427808	10.0000
Diphenhydramine	4.056	15634299	7667.98	766.03	56340331	10.0000
DMT	3.029	218633	1533.23	948.28	15343572	10.0000
Doxepin	4.162	3650408	1296.95	190.24	32320082	10.0000
Doxylamine	3.685	18017829	7085.92	8182.10	15343572	10.0000
Duloxetine	4.346	149352	13950.30	8801.45	1902122	10.0000
EDDP	4.116	903505	338.50	250.32	1882296	10.0000
Estazolam	4.531	8847588	1573.46	700.14	23803142	10.0000
Etizolam	4.632	446448	247718.39	73.82	23803142	10.0000
Fentanyl	4.110	418706	113.36	1051.34	26021291	10.0000
Flualprazolam	4.480	782128	708.76	97.23	23803142	10.0000
Flunitrazepam	4.560	2432613	2482.39	510.37	23803142	10.0000
Fluorofentanyl	4.140	827959	615.70	308.65	26021291	10.0000
Fluoxetine	4.345	5400825	1442.39	85.56	8562554	10.0000
Flurazepam	4.200	3883691	491183.55	287.94	23803142	10.0000
Hydrocodone	3.084	2295405	1488.55	303.91	11427808	10.0000
Hydromorphone	2.979	69238	178176.06	128.95	281197	10.0000
Hydroxyzine	4.493	4389970	1047.40	803.42	23982509	10.0000
Imipramine	4.409	10214550	3928.37	151.79	10184946	10.0000
Ketamine	3.565	5125270	1955607.12	112.66	14583680	10.0000
Lamotrigine	3.625	456728	1263.02	5113.43	56340331	10.0000
Levamisole	3.044	4809145	14449.51	396.25	28429527	10.0000
Levetiracetam	2.679	2693732	570.86	1606.26	56340331	10.0000
Lorazepam	4.435	659698	453.10	191.99	23803142	10.0000
Maprotiline	4.441	2571983	341.92	1786.88	10184946	10.0000
MDA	3.060	3669156	1247.12	1064.40	41732977	10.0000
MDEA	3.289	6497552	216.98	264.44	41732977	10.0000
MDMA	3.136	7905931	1186.87	804.43	41732977	10.0000
Meperidine	3.641	3833295	323.36	1147.41	15343572	10.0000
Meprobamate	3.689	1028100	1977.39	93.88	8776450	10.0000
Methadone	4.421	10572387	775.54	250.70	1882296	10.0000
Methamphetamine	3.047	9876359	5955.57	1526.11	41732977	10.0000
Methocarbamol	3.595	736949	485.33	184.49	1882296	10.0000
Methylphenidate	3.565	16456563	1250.35	1824.97	27143996	10.0000
Metoprolol	3.485	1262527	308.59	1099.42	15343572	10.0000
Midazolam	4.757	1120023	748.96	2283.80	23803142	10.0000
Mirtazapine	3.963	6443331	2064.33	2729.76	15343572	10.0000
Mitragynine	4.215	637064	203660.49	2498.54	15343572	10.0000
Morphine	2.628	589300	180.05	212.08	281197	10.0000
Norbuprenorphine	3.861	120614	25810.16	74563.14	4176729	10.0000
Nordiazepam	4.703	2305299	1202.14	793.14	23803142	10.0000
Norfentanyl	3.381	12133480	244.58	49285.12	40944726	10.0000
Norhydrocodone	2.979	125911	67.13	37.67	281197	10.0000
Norketamine	3.658	1222055	416.07	2625.14	14583680	10.0000
Normeperidine	3.642	9565708	16464.97	955.33	56340331	10.0000
Noroxycodone	2.931	1953808	62.20	83.25	14583680	10.0000
Nortriptyline	4.427	2705333	230722.20	241.67	10184946	10.0000
O-desmethyl-tramadol	2.965	12547892	745.31	528.52	56340331	10.0000
O-desmethylvenlafaxine	3.301	2541715	3065.66	21235.35	12118506	10.0000
Olanzapine	3.851	738261	339043.80	524.10	513651	10.0000
Oxazepam	4.516	2738660	306.56	228.04	15447457	10.0000
Oxycodone	2.990	3627694	909.84	276.36	14583680	10.0000
Oxymorphone	2.580	3278686	12023.67	42.85	281197	10.0000
Paroxetine	4.357	848622	170.82	31729.03	8562554	10.0000
Phenazepam	4.647	2155053	488.83	396.35	23803142	10.0000
Phencyclidine	3.965	9664145	370.76	1176.74	15343572	10.0000
Phentermine	3.200	2770731	∞	33.68	27143996	10.0000
Phenytoin	4.135	1129788	265.88	201.45	513651	10.0000

Cal

AM #25 Multi-Drug Screen Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Primidone	3.489	3399386	2001140.44	412.10	513651	10.0000
Promethazine	4.347	13772923	2822.41	282.96	56340331	10.0000
Pseudoephedrine	2.771	62767985	14734.86	8070.24	41732977	10.0000
Quetiapine	4.462	6472789	27259.72	59922.16	45719169	10.0000
Risperidone	4.092	9900411	1513819.32	486.18	40607108	10.0000
Sertraline	4.576	1961177	631284.05	2584.82	8562554	10.0000
Sufentanil	4.416	392277	74888.94	461.98	40944726	10.0000
Tapentadol	3.489	7469143	780.32	718.57	14583680	10.0000
Temazepam	4.669	5592885	5273.23	241.27	23803142	10.0000
Topiramate	3.864	56836	52903.52	21800.02	297225	10.0000
Tramadol	3.470	28458481	538.14	289.04	56340331	10.0000
Trazodone	4.555	10384103	2393.92	5090819.79	32320082	10.0000
Venlafaxine	3.838	13695837	1878.85	539.30	12118506	10.0000
Zaleplon	4.346	3690242	1715.42	849.66	45719169	10.0000
Zolpidem	4.299	12456223	3358.29	2064.31	45719169	10.0000
Zopiclone	4.154	254799	46527.40	71199.68	1068457	10.0000

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

Extraction Date: 05/23/2023

Plate lot#: 220802

Mobile phase A: 10mM Amm Form

Blank Blood Lot: Lampire 23A52594

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 07/23/2023

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: Cal 6 was reinjected as there was an apparent issue with the first injection (ISTD was not present/very low).

	1	2	3	4	5	6
a	cal 1ng	QC 2	M2023-1905-6	P2023-1227-1	P2023-1397-1	
b	cal 3 ng	Blood NC	M2023-2026-3	P2023-1305-1	P2023-1401-1	
c	cal 5 ng	M2023-1613-1	M2023-2027-2	P2023-1322-2	P2023-1402-1	
d	cal 10ng	M2023-1618-1	P2023-1118-2	P2023-1381-1	P2023-1423-1	
e	cal 25 ng	M2023-1699-1	P2023-1138-1*	P2023-1387-1	P2023-1425-1	
f	cal 50 ng	M2023-1704-1	P2023-1147-1	P2023-1388-1	P2023-1437-1	
g	cal 100 ng	M2023-1885-6	P2023-1153-1	P2023-1391-1	P2023-1438-1	
h	QC 1	M2023-1896-1	P2023-1189-1	P2023-1394-1	P2023-1138-1	

*Moved during SLE portion of the extraction

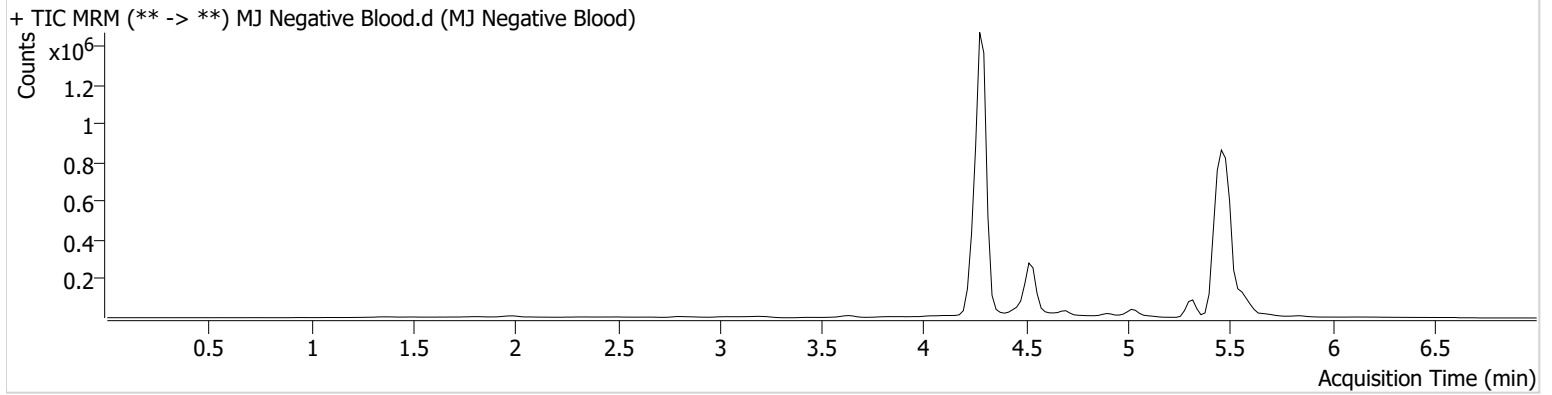
AM #26 Cannabinoids Screen Results



Batch results D:\MassHunter\Data\2023\AM 25 26\052323 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/6/2023 7:42:44 AM

Instrument	Falco (069901)	Data File	MJ Negative Blood.d
Type	Sample	Sample	MJ Negative Blood
Acq. Method	AM 26 THC.m	Operator	Celena Shrum
Sample Position	P1-B2	Comment	
Injection Volume	10		
Acq. Date-Time	5/23/2023 4:57:52 PM		
Sample Info.			

Sample Chromatogram



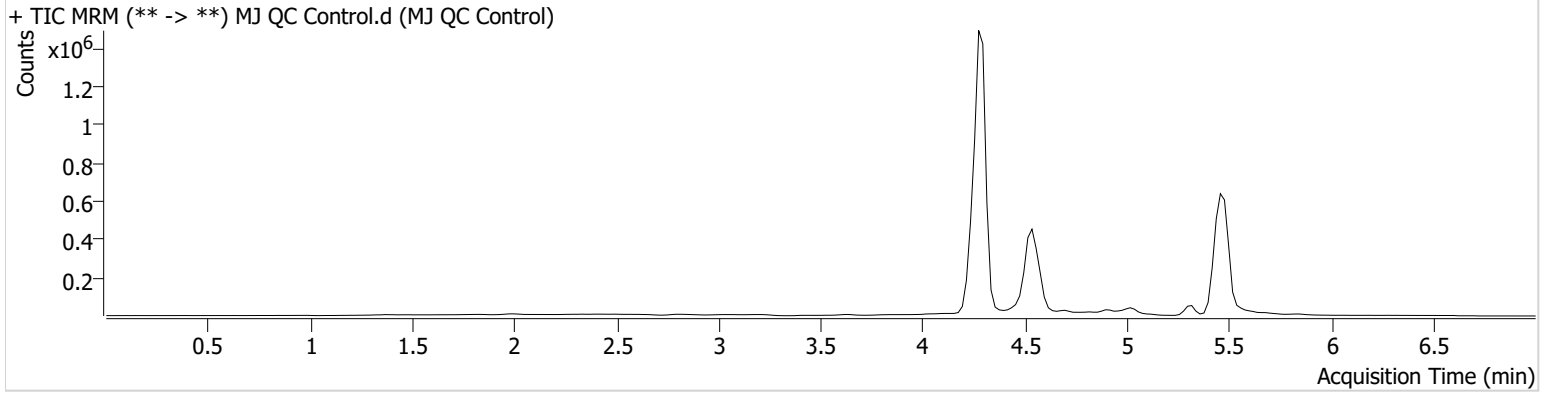


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\052323 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/6/2023 7:42:44 AM

Instrument Falco (069901) **Data File** MJ QC Control.d
Type QC **Sample** MJ QC Control
Acq. Method AM 26 THC.m **Operator** Celena Shrum
Sample Position P1-H1 **Comment**
Injection Volume 10
Acq. Date-Time 5/23/2023 4:42:42 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.429	5645	162601	4.7788 ng/ml
THC-COOH	4.556	324465	1333611	14.4495 ng/ml
THC-OH	4.302	56041	5845983	4.5264 ng/ml

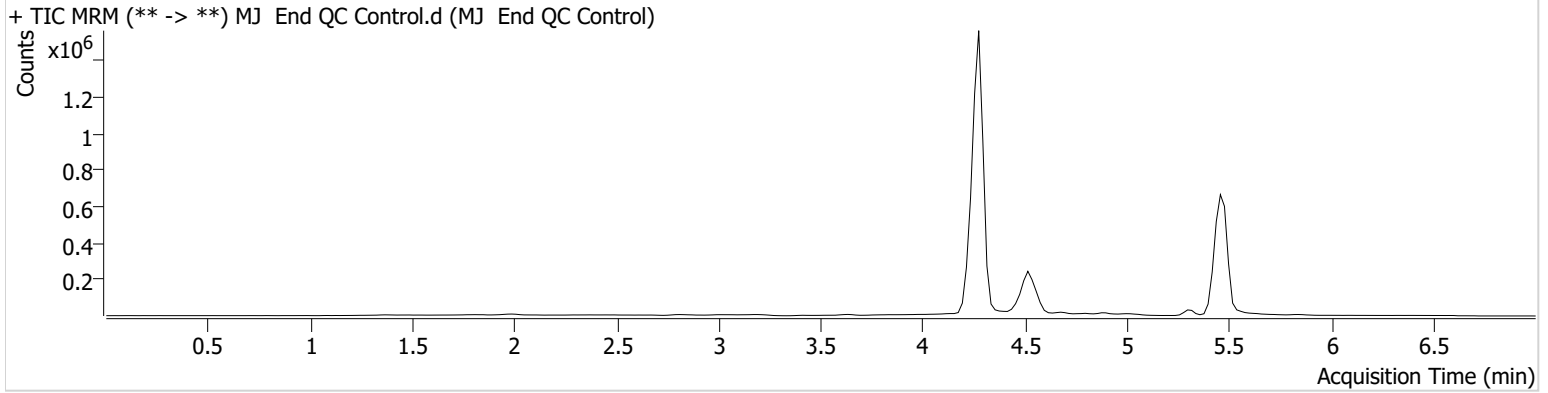


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\052323 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/6/2023 7:42:44 AM

Instrument Falco (069901) **Data File** MJ End QC Control.d
Type QC **Sample** MJ End QC Control
Acq. Method AM 26 THC.m **Operator** Celena Shrum
Sample Position P1-A2 **Comment**
Injection Volume 10
Acq. Date-Time 5/23/2023 8:45:07 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.429	6404	197364	4.4740 ng/ml
THC-COOH	4.556	153506	765126	11.9309 ng/ml
THC-OH	4.282	53750	5617298	4.5186 ng/ml

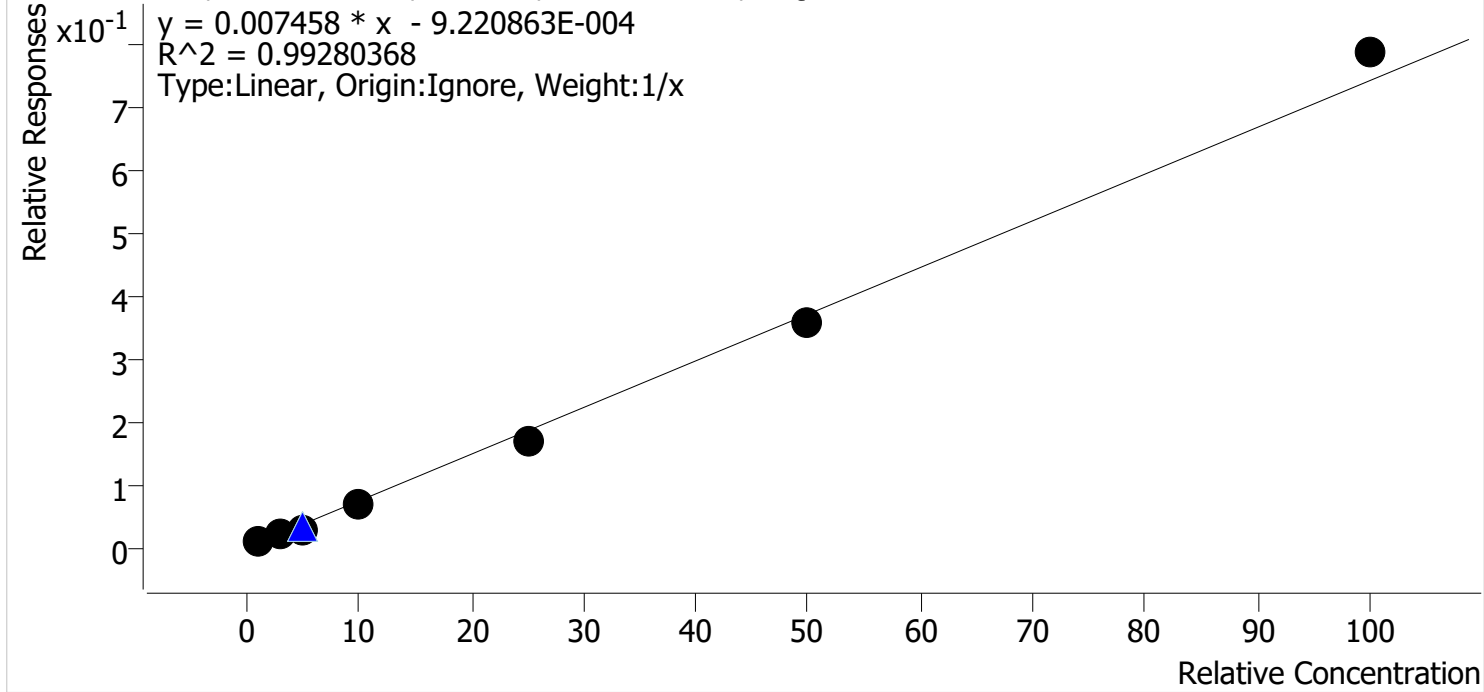
5



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 25 26\052323 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 6/6/2023 7:42 AM
Analyst Name ISP\Datastor
Analyte THC **Internal Standard** THC-D3

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

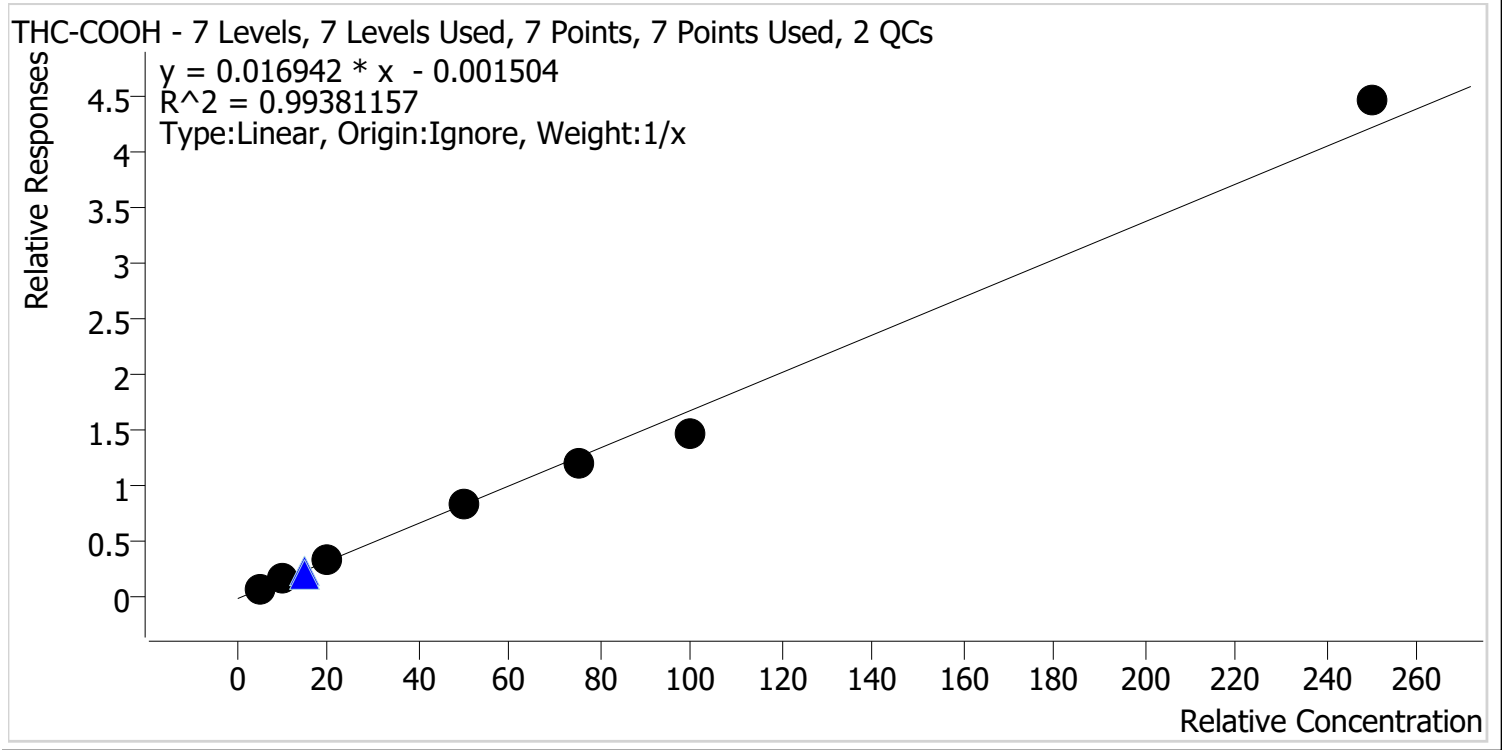


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.5	146.3
MJ Cal 2	2	✓	3.0	2.8	91.8
MJ Cal 3	3	✓	5.0	3.8	76.9
MJ Cal 4	4	✓	10.0	9.2	91.9
MJ Cal 5	5	✓	25.0	22.8	91.2
MJ Cal 6_r	6	✓	50.0	48.0	95.9
MJ Cal 7	7	✓	100.0	106.0	106.0



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 25 26\052323 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 6/6/2023 7:42 AM
Analyst Name ISP\Datastor
Analyte THC-COOH **Internal Standard** THC-COOH-D9

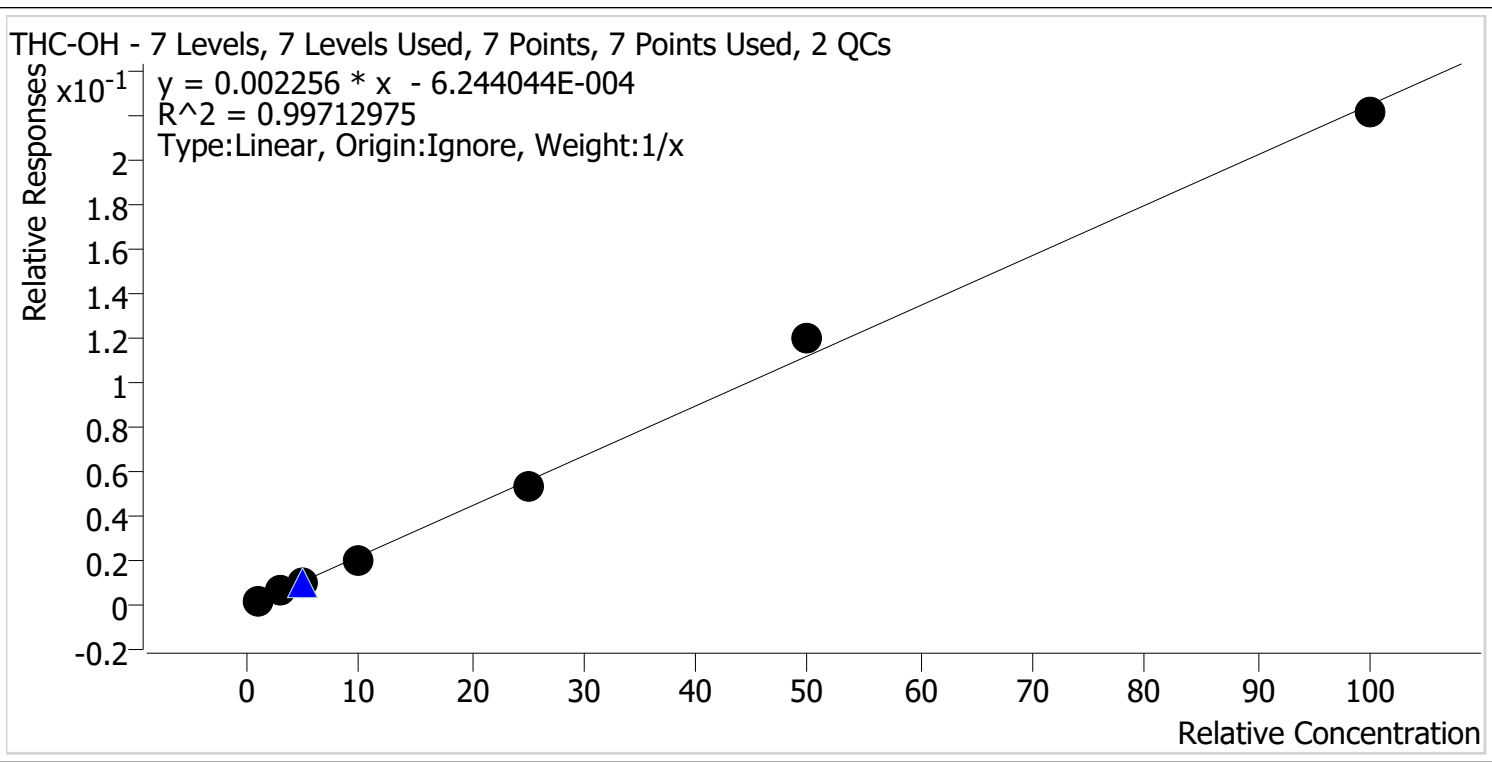


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	5.3	106.2
MJ Cal 2	2	✓	10.0	10.2	102.3
MJ Cal 3	3	✓	20.0	20.5	102.4
MJ Cal 4	4	✓	50.0	49.6	99.2
MJ Cal 5	5	✓	75.0	72.2	96.3
MJ Cal 6_r	6	✓	100.0	87.9	87.9
MJ Cal 7	7	✓	250.0	264.2	105.7



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 25 26\052323 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 6/6/2023 7:42 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	113.8
MJ Cal 2	2	✓	3.0	3.0	100.6
MJ Cal 3	3	✓	5.0	4.5	90.8
MJ Cal 4	4	✓	10.0	9.4	94.0
MJ Cal 5	5	✓	25.0	23.7	94.8
MJ Cal 6_r	6	✓	50.0	53.8	107.6
MJ Cal 7	7	✓	100.0	98.4	98.4

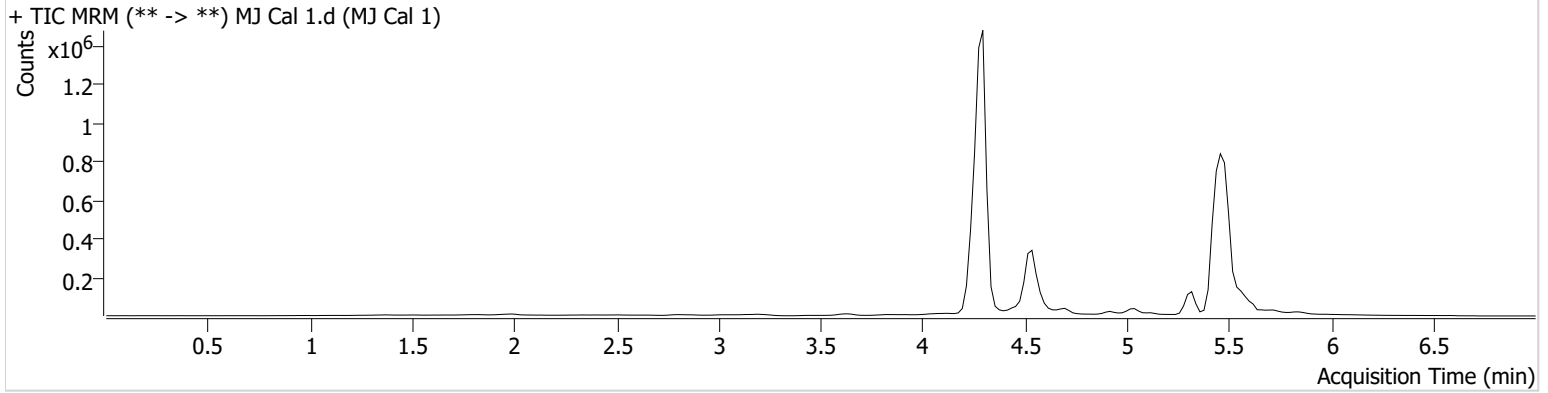


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\052323 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/6/2023 7:42:44 AM

Instrument Falco (069901) **Data File** MJ Cal 1.d
Type Cal **Sample** MJ Cal 1
Acq. Method AM 26 THC.m **Operator** Celena Shrum
Sample Position P1-A1 **Comment**
Injection Volume 10
Acq. Date-Time 5/23/2023 3:49:34 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.429	2498	250100	1.4627 ng/ml	Low
THC-COOH	4.556	108767	1230094	5.3079 ng/ml	
THC-OH	4.302	11806	6075687	1.1382 ng/ml	Low

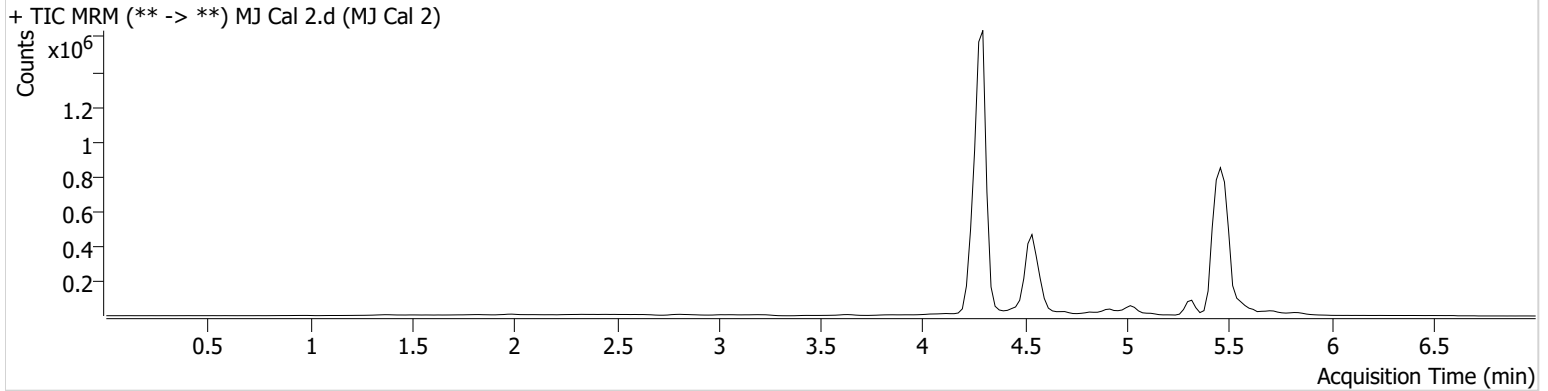


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\052323 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/6/2023 7:42:44 AM

Instrument Falco (069901) **Data File** MJ Cal 2.d
Type Cal **Sample** MJ Cal 2
Acq. Method AM 26 THC.m **Operator** Celena Shrum
Sample Position P1-B1 **Comment**
Injection Volume 10
Acq. Date-Time 5/23/2023 3:57:18 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.429	7003	357159	2.7528 ng/ml	Low
THC-COOH	4.556	254878	1483105	10.2325 ng/ml	
THC-OH	4.302	40471	6543263	3.0187 ng/ml	

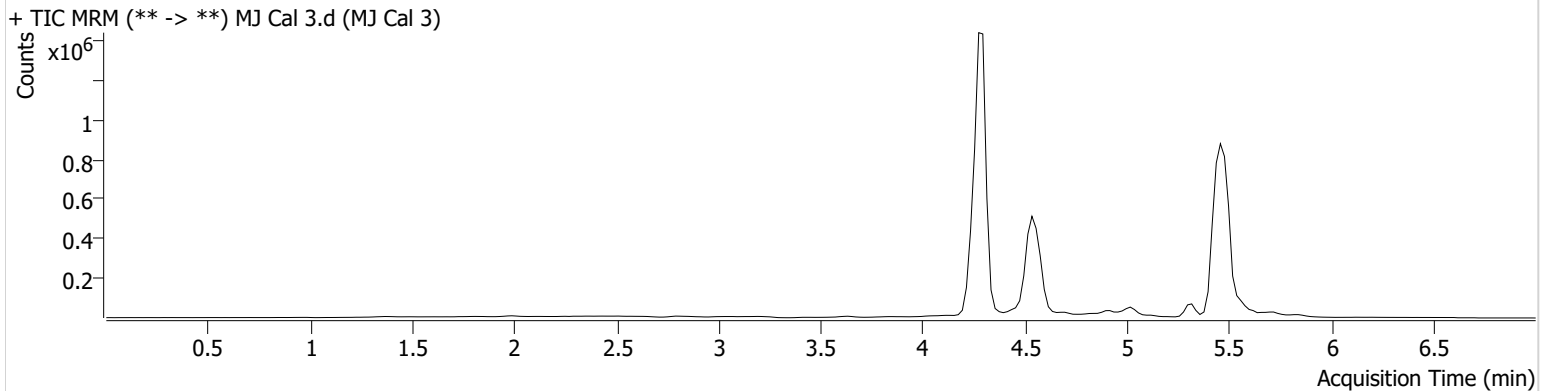
AM #26 Cannabinoids Screen Results



Batch results D:\MassHunter\Data\2023\AM 25 26\052323 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/6/2023 7:42:44 AM

Instrument	Falco (069901)	Data File	MJ Cal 3.d
Type	Cal	Sample	MJ Cal 3
Acq. Method	AM 26 THC.m	Operator	Celena Shrum
Sample Position	P1-C1	Comment	
Injection Volume	10		
Acq. Date-Time	5/23/2023 4:04:52 PM		

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.429	9643	347391	3.8455 ng/ml
THC-COOH	4.556	460984	1334031	20.4853 ng/ml
THC-OH	4.302	54034	5620164	4.5388 ng/ml

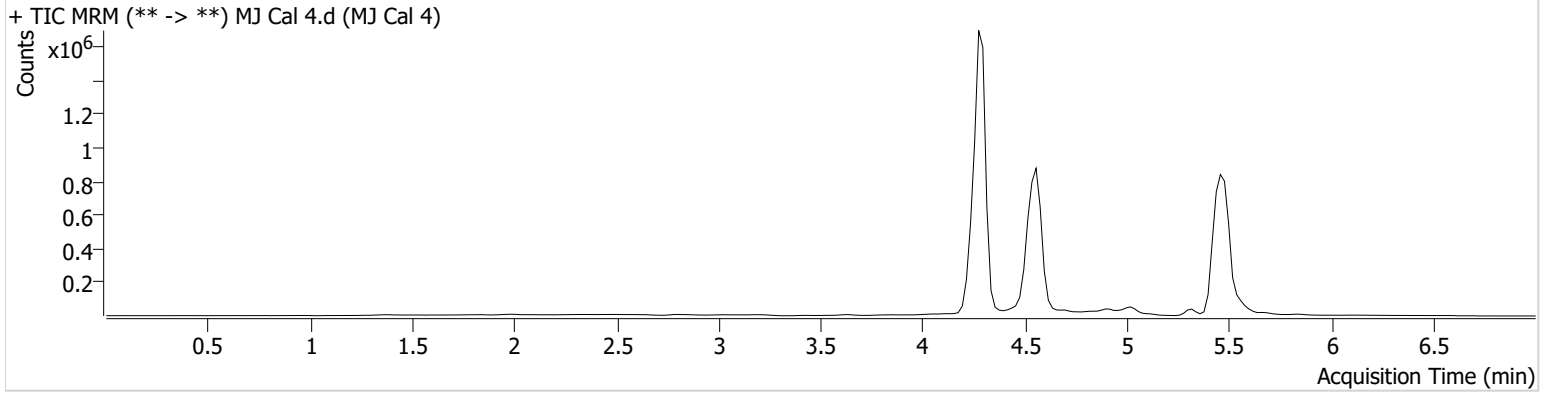


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\052323 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/6/2023 7:42:44 AM

Instrument	Falco (069901)	Data File	MJ Cal 4.d
Type	Cal	Sample	MJ Cal 4
Acq. Method	AM 26 THC.m	Operator	Celena Shrum
Sample Position	P1-D1	Comment	
Injection Volume	10		
Acq. Date-Time	5/23/2023 4:12:26 PM		

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.429	22667	335104	9.1933 ng/ml
THC-COOH	4.556	1133913	1352275	49.5826 ng/ml
THC-OH	4.302	125165	6082818	9.3985 ng/ml

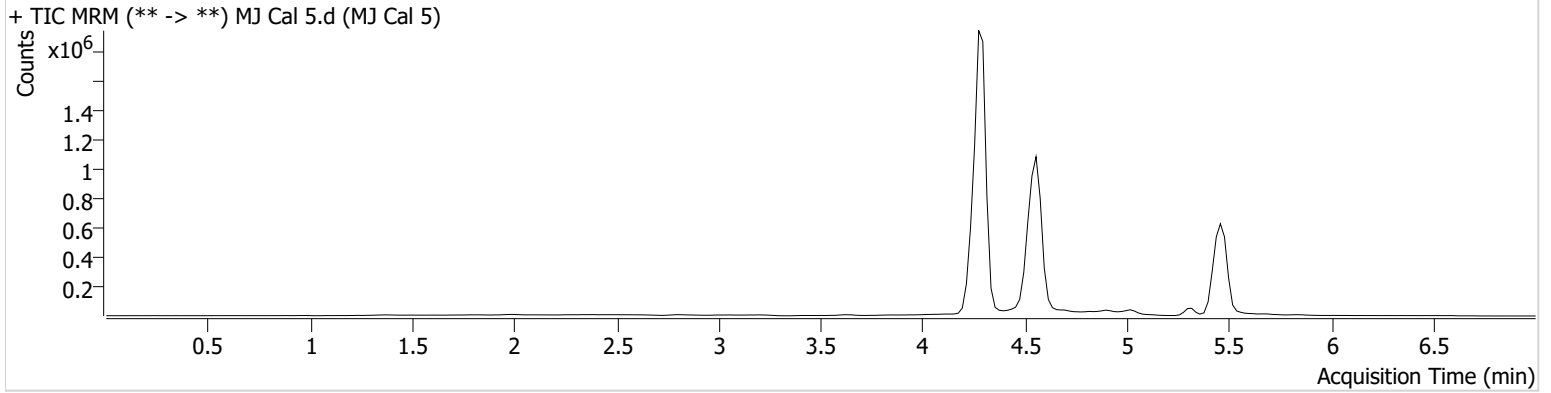
AM #26 Cannabinoids Screen Results



Batch results D:\MassHunter\Data\2023\AM 25 26\052323 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/6/2023 7:42:44 AM

Instrument	Falco (069901)	Data File	MJ Cal 5.d
Type	Cal	Sample	MJ Cal 5
Acq. Method	AM 26 THC.m	Operator	Celena Shrum
Sample Position	P1-E1	Comment	
Injection Volume	10		
Acq. Date-Time	5/23/2023 4:20:00 PM		

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.429	36645	216636	22.8047 ng/ml
THC-COOH	4.556	1501436	1228603	72.2215 ng/ml
THC-OH	4.302	301745	5709835	23.7037 ng/ml

AM #26 Cannabinoids Screen Results

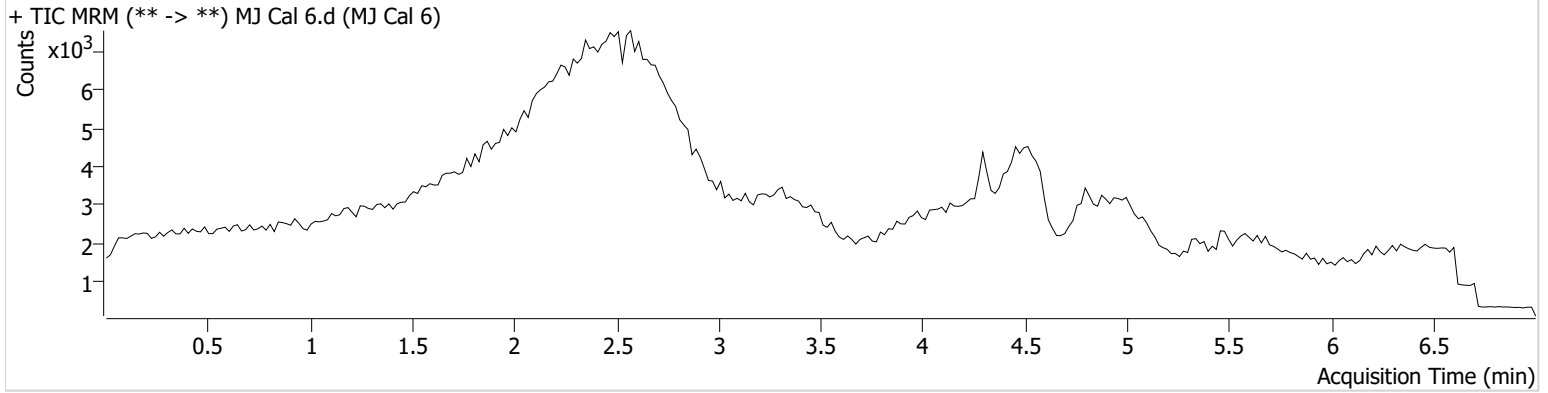


Batch results D:\MassHunter\Data\2023\AM 25 26\052323 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/6/2023 7:42:44 AM

Instrument	Falco (069901)	Data File	MJ Cal 6.d
Type	Sample	Sample	MJ Cal 6
Acq. Method	AM 26 THC.m	Operator	Celena Shrum
Sample Position	P1-F1	Comment	

Injection Volume 10
Acq. Date-Time 5/23/2023 4:27:34 PM
Sample Info. Calibrator reinjected due to little/no ISTD response. Refer to reinjection data.

Sample Chromatogram



AM #26 Cannabinoids Screen Results

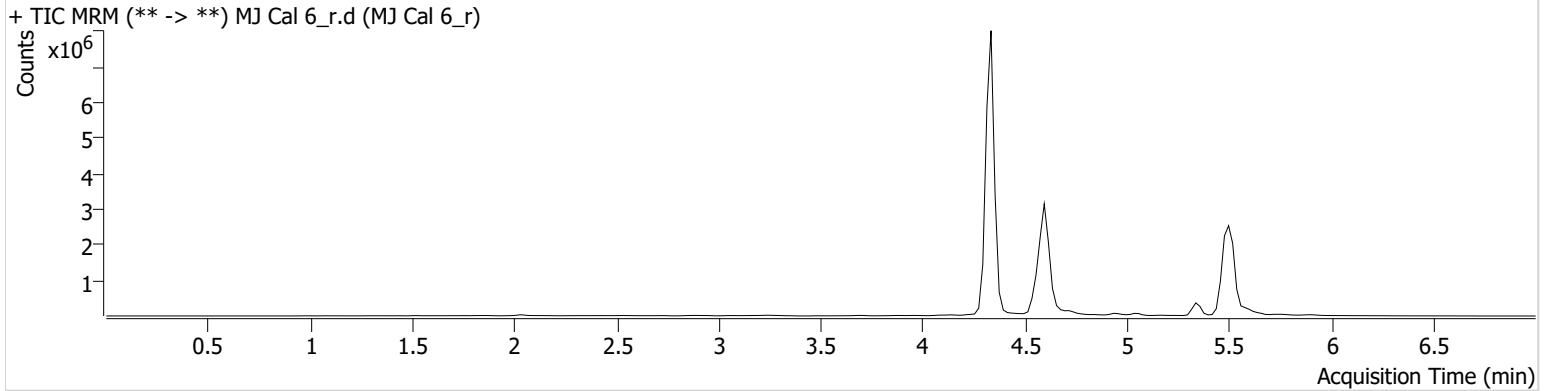


Batch results D:\MassHunter\Data\2023\AM 25 26\052323 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/6/2023 7:42:44 AM

Instrument Falco (069901) **Data File** MJ Cal 6_r.d
Type Cal **Sample** MJ Cal 6_r
Acq. Method AM 26 THC.m **Operator** Celena Shrum
Sample Position P1-F1 **Comment**
Injection Volume 10
Acq. Date-Time 5/24/2023 12:37:23 PM
Sample Info.

Reinjection data.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.530	222204	622694	47.9704 ng/ml
THC-COOH	4.596	3731368	2507084	87.9376 ng/ml
THC-OH	4.342	1425540	11811536	53.7790 ng/ml

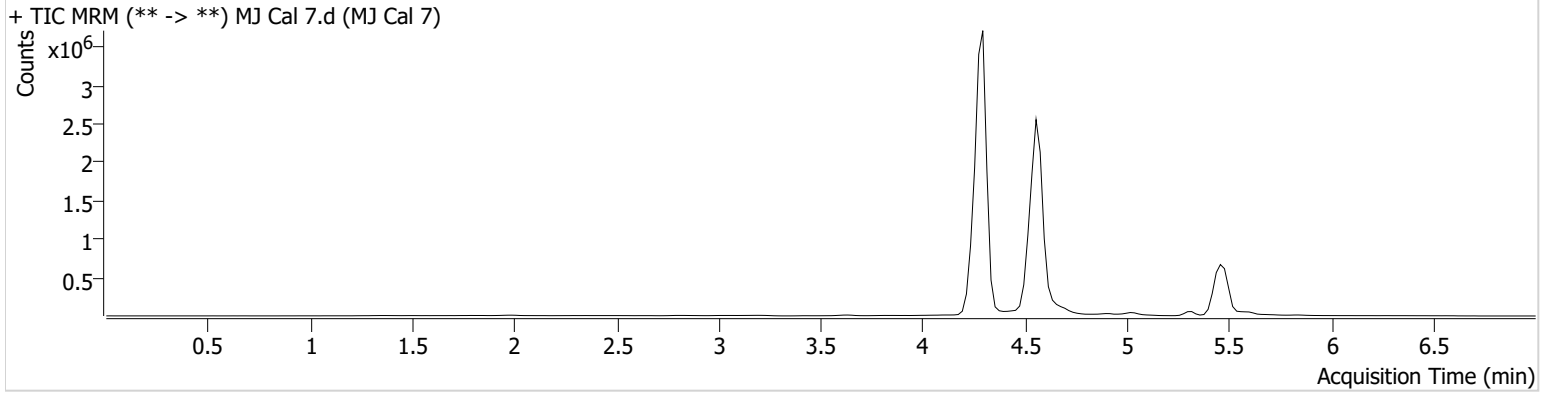


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\052323 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 6/6/2023 7:42:44 AM

Instrument Falco (069901) **Data File** MJ Cal 7.d
Type Cal **Sample** MJ Cal 7
Acq. Method AM 26 THC.m **Operator** Celena Shrum
Sample Position P1-G1 **Comment**
Injection Volume 10
Acq. Date-Time 5/23/2023 4:35:08 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.429	112825	142924	105.9706 ng/ml
THC-COOH	4.556	4148718	927065	264.2326 ng/ml
THC-OH	4.302	1212457	5476349	98.4230 ng/ml