









Worklist: 6262

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-0655	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2023-0855	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0156	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0166	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0181	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0255	1	CBUK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0311	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0330	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0331	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0410	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0414	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0442	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0443	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0444	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0445	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0458	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0459	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0463	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0467	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0468	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0475	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

**Worklist: 6262**

TS

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2023-0477	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0482	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0484	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0504	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0552	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0575	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0581	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0584	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

TS

**AM# 25: Multi-Drug Screen in Blood and Urine by LC-MS/MS**

Extraction Date: 03/03/2023

Analyst: Tamara Salazar

Plate lot#: 230119

Plate Retest Date: 07/19/2023

Mobile phase A: 10mM Amm Form in LCMS Water

Mobile phase B: 0.1% Formic Acid in MeOH

Blank Blood Lot: Lampire 23A52593

Blank Urine Lot: N/A

LCMS-QQQ ID: 069901

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: 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 in wells of 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: 300uL
- 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).**
- 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. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
- 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:

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	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-0584-1	P2023-0475-1	P2023-0443-1	P2023-0181-1
B	IS + Cal. 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-0581-1	P2023-0468-1	P2023-0442-1	P2023-0166-1
C	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-0575-1	P2023-0467-1	P2023-0414-1	P2023-0156-1
D	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-0552-1	P2023-0463-1	P2023-0410-1	M2023-0855-2
E	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-0504-1	P2023-0459-1	P2023-0331-1	M2023-0655-2
F	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-0484-1	P2023-0458-1	P2023-0330-1	Neg Blood
G	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-0482-1	P2023-0445-1	P2023-0311-1	IS + Cal. 1
H	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-0477-1	P2023-0444-1	P2023-0255-1	IS + Cal. 1

All wells to contain 60 µl of residual DMSO

TS

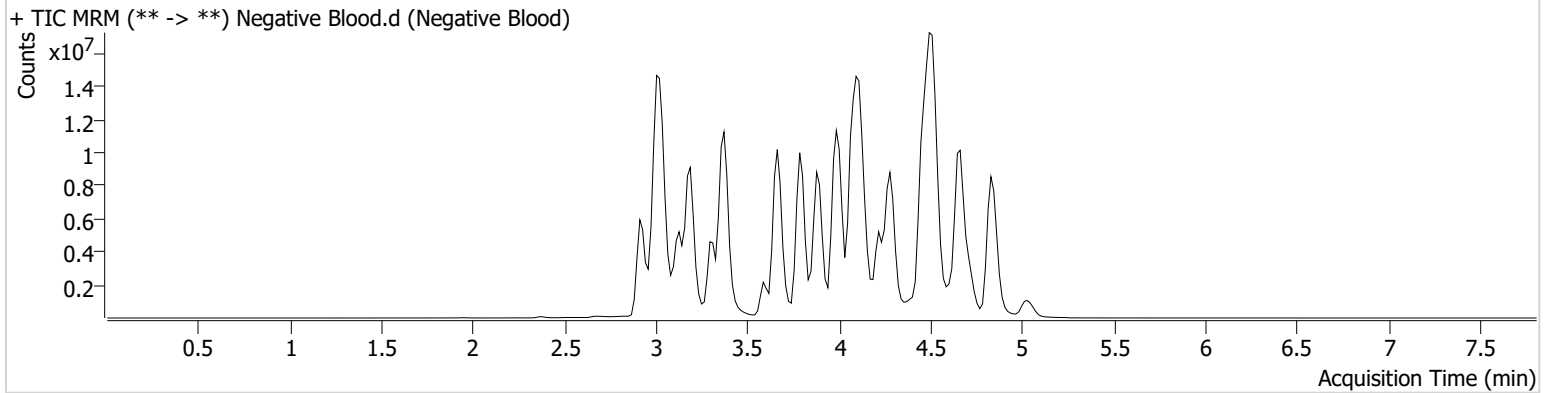


# AM #25 Multi-Drug Screen Results

**Batch results** D:\MassHunter\Data\2023\AM 25 26\030323 AM 25 26 TS\QuantResults\AM 25.batch.bin  
**Calibration Last Update** 3/15/2023 1:04:22 PM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	Negative Blood.d
<b>Type</b>	Sample	<b>Sample</b>	Negative Blood
<b>Acq. Method</b>	AM 25 MDS.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-F12	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	3/3/2023 6:40:35 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



TS

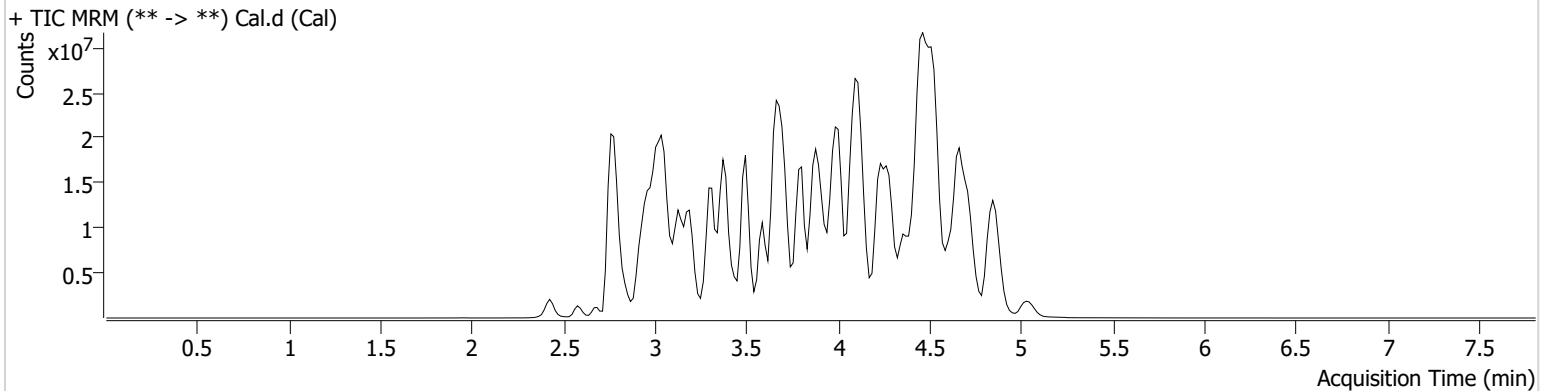
# AM #25 Multi-Drug Screen Results



**Batch results** D:\MassHunter\Data\2023\AM 25 26\030323 AM 25 26 TS\QuantResults\AM 25.batch.bin  
**Calibration Last Update** 3/15/2023 1:04:22 PM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	Cal.d
<b>Type</b>	Cal	<b>Sample</b>	Cal
<b>Acq. Method</b>	AM 25 MDS.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-G12	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	3/3/2023 6:32:01 PM		

## Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
10-OH-Carbamazepine	3.793	5342063	219.15	21861.54	31919099	10.0000
6-MAM	3.033	94881	34802.47	36424.03	2180301	10.0000
7-aminoclonazepam	3.605	1692262	1209.64	287.15	6843970	10.0000
7-aminoflunitrazepam	3.805	2668321	572.31	1077.57	6843970	10.0000
9-Hydroxyrisperidone	3.997	13292000	831.83	289368.79	45837328	10.0000
Acetyl Fentanyl	4.064	848959	1468.93	270500.84	41061253	10.0000
Acetyl Norfentanyl	2.950	695965	368.21	561.38	41061253	10.0000
a-hydroxyalprazolam	4.525	534941	208.72	285.20	6843970	10.0000
alpha-hydroxymidazolam	4.600	3825898	∞	187.72	6843970	10.0000
Alpha-PHP	3.948	5682341	70267.74	8349.42	41061253	10.0000
alpha-PVP	3.672	8036631	12869.55	1522.14	19653520	10.0000
Alprazolam	4.620	4332223	2198.85	762.01	30818200	10.0000
Amitriptyline	4.516	2827136	181.76	491.83	8295814	10.0000
Amphetamine	2.954	4814631	1380.90	345.03	19653520	10.0000
Benzoyllecgonine	3.405	412716	1351.92	52.29	585890	10.0000
Brompheniramine	4.095	238105	165.33	3414.41	58542908	10.0000
Buprenorphine	5.055	1894330	40258.38	121790.77	6256324	10.0000
Bupropion	3.917	7561980	485.32	445.93	30984278	10.0000
Carbamazepine	4.242	15118280	∞	2504.76	645577	10.0000
Carisoprodol	4.240	2706738	559991.92	148.05	13257842	10.0000
Chlordiazepoxide	4.745	2264327	583.46	307.00	30818200	10.0000
Chlorpheniramine	4.007	14315460	11904.79	36.12	58542908	10.0000
Chlorpromazine	4.726	2844817	161.26	125.12	12689004	10.0000
Citalopram	4.125	5166583	513.99	7872.38	58542908	10.0000
Clomipramine	4.712	4230836	8668.68	7148.57	58542908	10.0000
Clonazepam	4.450	2697576	428.19	184384.28	30818200	10.0000
Clonazolam	4.369	2777267	711525.58	494379.32	30818200	10.0000
Clozapine	4.524	8082519	2339.50	656.60	30510237	10.0000
Cocaehtylene	3.879	7860588	1587212.32	20189.24	36967498	10.0000
Cocaine	3.666	8454723	3154669.70	508.89	36967498	10.0000
Codeine	2.960	608038	865.11	1318.56	15460862	10.0000
Cyclobenzaprine	4.424	5225449	406.73	57.02	8295814	10.0000
Desipramine	4.410	8158021	665.00	485.12	8295814	10.0000
Dextromethorphan	4.131	3848399	19777.70	216.55	18394598	10.0000

Cal

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# AM #25 Multi-Drug Screen Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Dextrophan	3.439	5324992	3602.25	1804.54	18394598	10.0000
Diazepam	4.853	2040306	1918.11	840.85	30818200	10.0000
Dihydrocodeine	2.838	1925558	172.90	1164.64	15460862	10.0000
Diphenhydramine	4.102	19422487	2782.47	4033.34	58542908	10.0000
DMT	3.043	920576	4517.53	1656.84	18394598	10.0000
Doxepin	4.223	3970661	2124.50	654.81	39161135	10.0000
Doxylamine	3.714	19398955	7276.24	17887.62	18394598	10.0000
Duloxetine	4.360	109972	11070.21	33571.64	1293299	10.0000
EDDP	4.130	332387	373.50	71.92	592074	10.0000
Estazolam	4.529	11152165	1801.42	1028.58	30818200	10.0000
Etizolam	4.631	337783	221560.69	1033937.75	30818200	10.0000
Fentanyl	4.293	620966	124.56	60042.99	33206319	10.0000
Flualprazolam	4.478	1425405	1198237.45	394009.58	30818200	10.0000
Flunitrazepam	4.558	4081592	1248.72	∞	30818200	10.0000
Fluorofentanyl	4.338	795691	1309.08	843.53	33206319	10.0000
Fluoxetine	4.374	4188675	1683.57	455.49	4694938	10.0000
Flurazepam	4.352	6700530	843134.95	587923.57	30818200	10.0000
Hydrocodone	3.159	3077707	52762.59	272.62	15460862	10.0000
Hydromorphone	2.581	2303559	1094.16	728.42	275965	10.0000
Hydroxyzine	4.644	6307911	27508.59	1378.39	58542908	10.0000
Imipramine	4.469	9301544	1925.79	∞	8295814	10.0000
Ketamine	3.810	5256351	419.15	217.25	20414933	10.0000
Lamotrigine	3.669	513396	675.88	4011.26	58542908	10.0000
Levamisole	3.104	5161821	303.93	544.71	36967498	10.0000
Levetiracetam	2.692	1340156	489.58	592.56	58542908	10.0000
Lorazepam	4.449	765581	514.64	∞	30818200	10.0000
Maprotiline	4.424	640462	74.75	70.31	8295814	10.0000
MDA	3.059	6101792	1452.36	626.63	43761192	10.0000
MDEA	3.288	8228036	7026.79	3625.31	43761192	10.0000
MDMA	3.150	9509115	920.98	1810.31	43761192	10.0000
Meperidine	3.701	4804442	3349.67	825.66	18394598	10.0000
Meprobamate	3.704	2058990	933.83	204.96	13257842	10.0000
Methadone	4.435	13214367	928.58	2645.23	592074	10.0000
Methamphetamine	3.060	14817029	2187.84	243.22	43761192	10.0000
Methocarbamol	3.609	693438	386.87	256.05	592074	10.0000
Methylphenidate	3.594	18627724	1382.05	1056.10	28942823	10.0000
Metoprolol	3.499	1471125	4849.11	811.55	18394598	10.0000
Midazolam	4.771	1437720	666.38	361700.91	30818200	10.0000
Mirtazapine	4.287	5974191	110506.39	4056.53	18394598	10.0000
Mitragynine	4.352	894436	253898.47	45827.24	18394598	10.0000
Morphine	2.414	445021	1071.13	220.47	275965	10.0000
Norbuprenorphine	3.890	171738	107048.49	101993.87	6256324	10.0000
Nordiazepam	4.701	2292838	847.25	240.04	30818200	10.0000
Norfentanyl	3.395	13214259	94694.96	1655.86	41061253	10.0000
Norhydrocodone	2.992	214894	63.77	180.89	275965	10.0000
Norketamine	3.919	1403483	445.91	30696.44	20414933	10.0000
Normeperidine	3.656	10949591	37048.91	621.59	58542908	10.0000
Noroxycodone	2.944	3253830	716.30	153.90	20414933	10.0000
Nortriptyline	4.456	2080348	592.29	363.07	8295814	10.0000
O-desmethyl-tramadol	2.979	13098041	29105.57	1310.44	58542908	10.0000
O-desmethylvenlafaxine	3.314	3227118	1018.68	∞	15384371	10.0000
Olanzapine	3.987	1053534	781088.91	1014.54	645577	10.0000
Oxazepam	4.530	3605669	676.03	115.90	17953493	10.0000
Oxycodone	3.019	4406128	1019.45	433.74	20414933	10.0000
Oxymorphone	2.426	4560799	∞	26771.35	275965	10.0000
Paroxetine	4.386	620089	260.87	245.07	4694938	10.0000
Phenazepam	4.646	3472825	3090491.97	668.50	30818200	10.0000
Phencyclidine	3.978	11060989	1394.54	7984.14	18394598	10.0000
Phentermine	3.214	3281919	1233.85	68.28	28942823	10.0000
Phenytion	4.149	1066801	307.71	393.45	645577	10.0000

Cal

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# AM #25 Multi-Drug Screen Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Primidone	3.503	3144732	791.25	917.29	645577	10.0000
Promethazine	4.453	10418634	14240.07	205.07	58542908	10.0000
Pseudoephedrine	2.784	63898327	7219.04	15778.37	43761192	10.0000
Quetiapine	4.690	8665425	1586754.03	2117938.59	46316239	10.0000
Risperidone	4.213	12553736	188888.91	1721.70	45837328	10.0000
Sertraline	4.605	1055142	409854.91	1053.67	4694938	10.0000
Sufentanil	4.705	522431	431204.39	434.42	41061253	10.0000
Tapentadol	3.503	9644731	1291.43	41299.60	20414933	10.0000
Temazepam	4.668	7774961	729.21	409.37	30818200	10.0000
Topiramate	3.862	162701	76614.20	29268.90	742110	10.0000
Tramadol	3.499	32012069	∞	69.65	58542908	10.0000
Trazodone	4.874	11060390	15909.65	1058.82	39161135	10.0000
Venlafaxine	3.868	16647162	1037.09	537.94	4694938	10.0000
Zaleplon	4.344	4111222	3592546.18	1850.11	46316239	10.0000
Zolpidem	4.482	16300935	1772757.81	896.07	46316239	10.0000
Zopiclone	4.414	761589	672588.06	171030.02	3077927	10.0000



TS

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

Extraction Date: 03/03/2023

Plate lot#: 230113

Mobile phase A: 10mM Amm Form in LCMS Water

Blank Blood Lot: Lampire 23A52593

LCMS-QQQ ID: 069901

Analyst: Tamara Salazar

Plate Retest Date: 07/19/2023

Mobile phase B: 0.1% Formic acid in MeOH

Blank Urine Lot:

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: 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, pipette 1000µL blood or 1000µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Add 500µL of 0.1% formic acid in water to blood samples, and 500µL of saturated phosphate buffer to urine samples in the wells of the analytical plate.
- 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 7. Transfer 700-800µL of blood+acid or urine+acid mixture to corresponding wells of SLE+ plate. Amount transferred: 750 µL
- 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*)
- 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.
- 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, R<sup>2</sup> 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

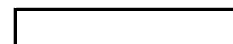
COMMENTS:

Analytical Plate Map

TS

	1	2	3	4	5	6
A	IS + Cal. 1	IS + QC_1	P2023-0311-1	P2023-0445-1	P2023-0482-1	IS + QC_1
B	IS + Cal. 2	Neg Blood	P2023-0330-1	P2023-0458-1	P2023-0484-1	IS + Cal. 7
C	IS + Cal. 3	M2023-0655-2	P2023-0331-1	P2023-0459-1	P2023-0504-1	IS + Cal. 6
D	IS + Cal. 4	M2023-0855-2	P2023-0410-1	P2023-0463-1	P2023-0552-1	IS + Cal. 5
E	IS + Cal. 5	P2023-0156-1	P2023-0414-1	P2023-0467-1	P2023-0575-1	IS + Cal. 4
F	IS + Cal. 6	P2023-0166-1	P2023-0442-1	P2023-0468-1	P2023-0581-1	IS + Cal. 3
G	IS + Cal. 7	P2023-0181-1	P2023-0443-1	P2023-0475-1	P2023-0584-1	IS + Cal. 2
H	IS + QC_1	P2023-0255-1	P2023-0444-1	P2023-0477-1	IS + QC_1	IS + Cal. 1

All wells to contain 100 µl of residual DMSO



SLE Plate Map

TS

	1	2	3	4	5	6
A	IS + Cal. 1	IS + QC_1	P2023-0311-1	P2023-0445-1	P2023-0482-1	P2023-0459-1*
B	IS + Cal. 2	Neg Blood	P2023-0330-1	P2023-0458-1	P2023-0484-1*	P2023-0475-1*
C	IS + Cal. 3	M2023-0655-2*	P2023-0331-1	P2023-0459-1*	P2023-0504-1	P2023-0484-1*
D	IS + Cal. 4	M2023-0855-2	P2023-0410-1	P2023-0463-1	P2023-0552-1	
E	IS + Cal. 5	P2023-0156-1	P2023-0414-1	P2023-0467-1	P2023-0575-1	
F	IS + Cal. 6	P2023-0166-1	P2023-0442-1	P2023-0468-1	P2023-0581-1	
G	IS + Cal. 7	P2023-0181-1	P2023-0443-1	P2023-0475-1*	P2023-0584-1	
H	IS + QC_1	P2023-0255-1	P2023-0444-1	P2023-0477-1	M2023-0655-2*	

\*Sample moved during step 7 of the extraction process due to a clot.



TS

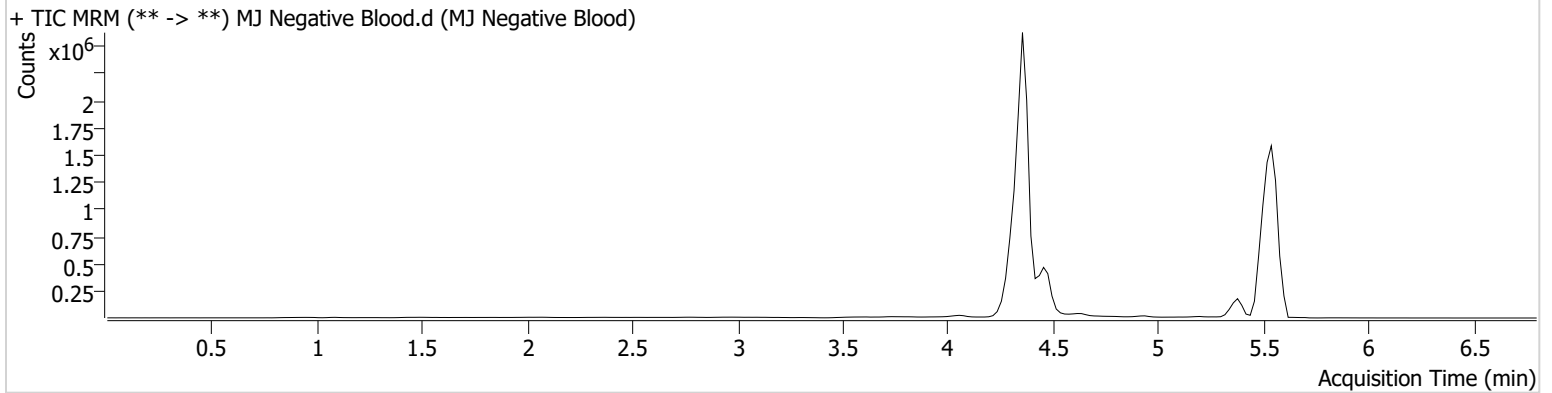


# AM #26 Cannabinoids Screen Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 26\030323 AM 26 TS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 3/6/2023 11:06:55 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	MJ Negative Blood.d
<b>Type</b>	Sample	<b>Sample</b>	MJ Negative Blood
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P1-B2	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	3/3/2023 2:17:41 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



TS

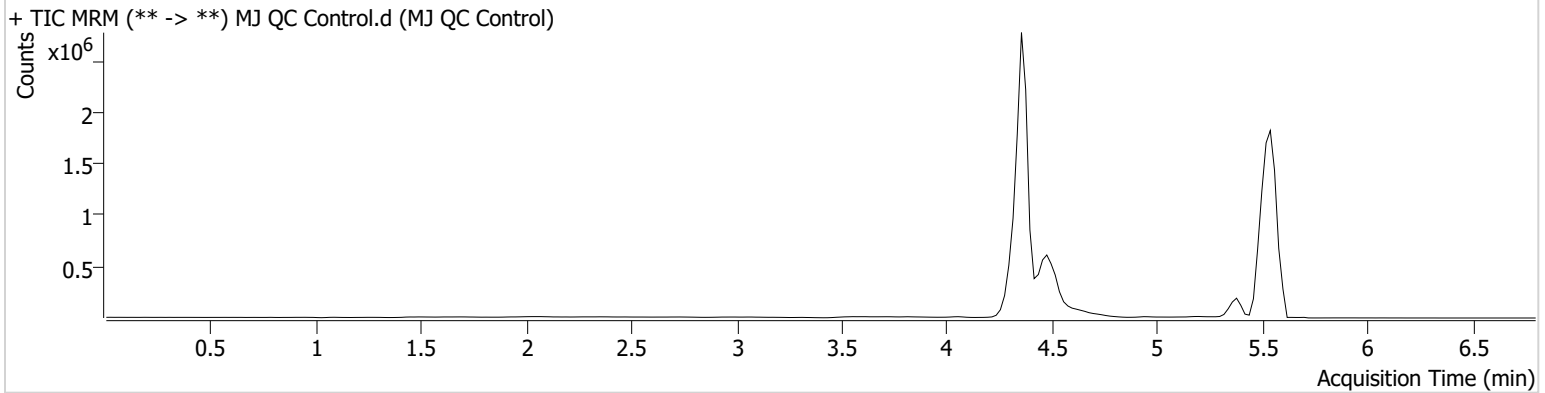


# AM #26 Cannabinoids Screen Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 25 26\030323 AM 25 26 TS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 3/6/2023 11:06:55 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	MJ QC Control.d
<b>Type</b>	QC	<b>Sample</b>	MJ QC Control
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P1-H1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	3/3/2023 2:02:31 PM		

**Sample Chromatogram**



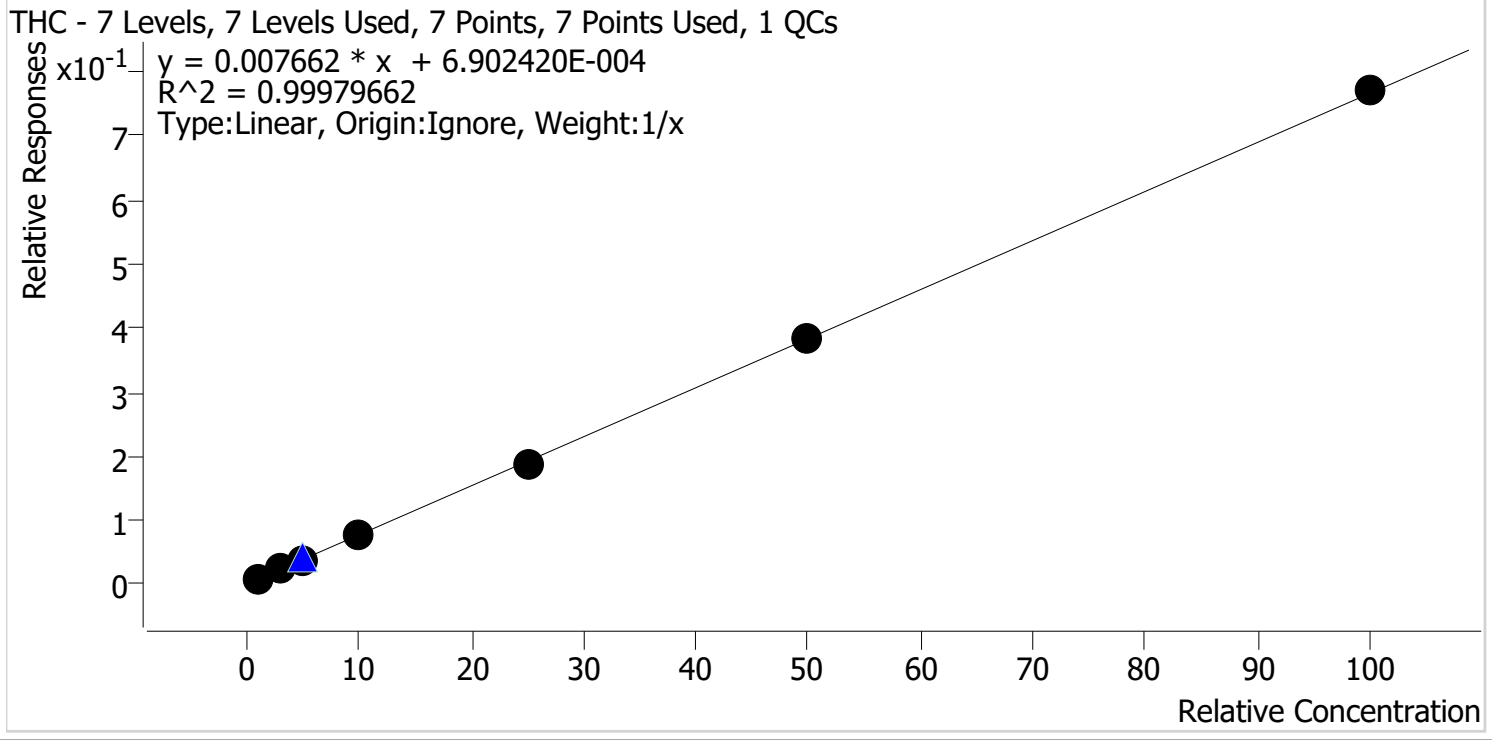
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.570	8032	199857	5.1546 ng/ml
THC-COOH	4.496	540654	2213552	16.0676 ng/ml
THC-OH	4.382	110787	10369475	4.4849 ng/ml

TS



# AM #26 Cannabinoids Screen Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 25 26\030323 AM 25 26 TS\QuantResults\AM 26.batch.bin  
**Last Cal. Update** 3/6/2023 11:06 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** THC **Internal Standard** THC-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.1	105.1
MJ Cal 2	2	✓	3.0	3.0	99.5
MJ Cal 3	3	✓	5.0	4.9	98.2
MJ Cal 4	4	✓	10.0	9.9	98.9
MJ Cal 5	5	✓	25.0	24.3	97.0
MJ Cal 6	6	✓	50.0	50.4	100.8
MJ Cal 7	7	✓	100.0	100.5	100.5

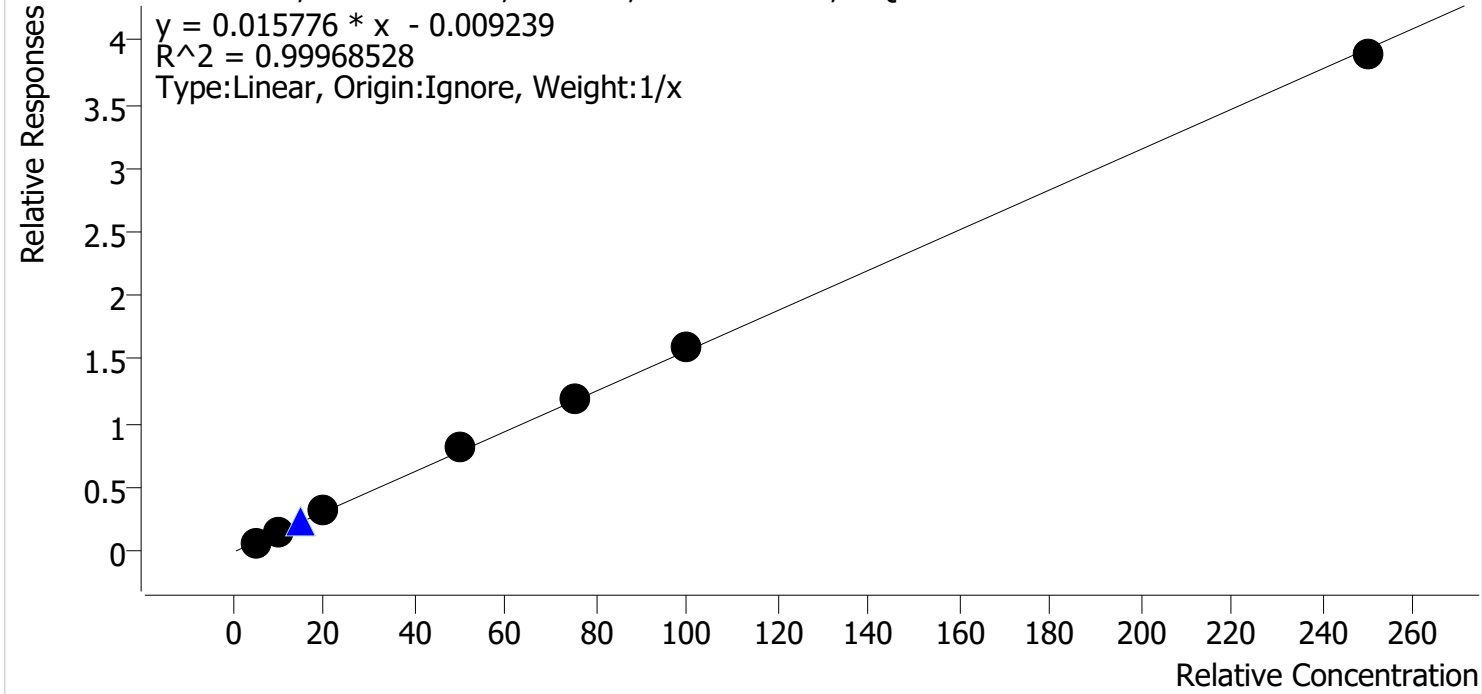
TS



# AM #26 Cannabinoids Screen Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 25 26\030323 AM 25 26 TS\QuantResults\AM 26.batch.bin  
**Last Cal. Update** 3/6/2023 11:06 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** THC-COOH **Internal Standard** THC-COOH-D9

THC-COOH - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs



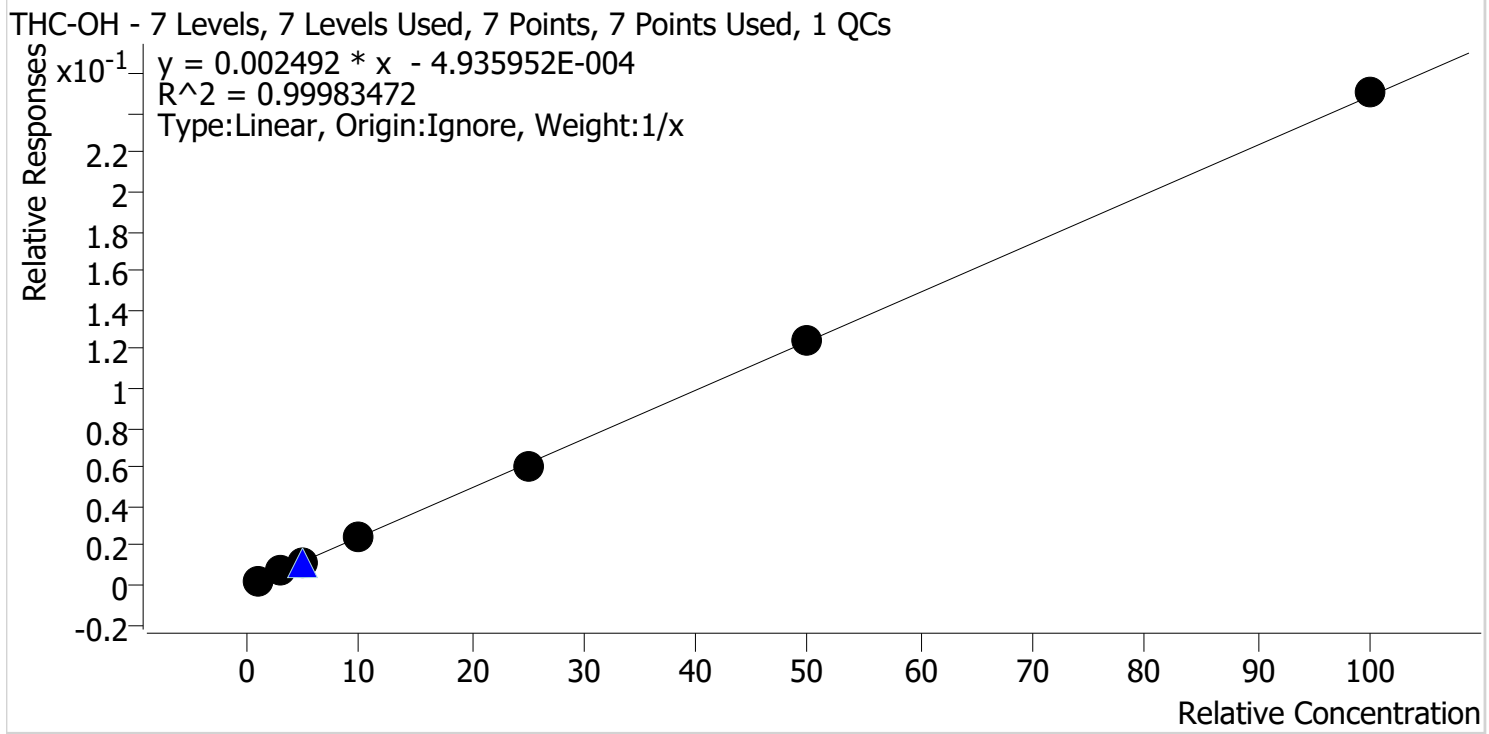
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	4.7	93.8
MJ Cal 2	2	✓	10.0	10.2	102.2
MJ Cal 3	3	✓	20.0	20.1	100.6
MJ Cal 4	4	✓	50.0	51.6	103.1
MJ Cal 5	5	✓	75.0	75.3	100.4
MJ Cal 6	6	✓	100.0	101.1	101.1
MJ Cal 7	7	✓	250.0	247.0	98.8

TS



# AM #26 Cannabinoids Screen Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 25 26\030323 AM 25 26 TS\QuantResults\AM 26.batch.bin  
**Last Cal. Update** 3/6/2023 11:06 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** THC-OH **Internal Standard** THC-OH-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.1	108.2
MJ Cal 2	2	✓	3.0	2.9	98.2
MJ Cal 3	3	✓	5.0	4.8	95.7
MJ Cal 4	4	✓	10.0	9.8	98.5
MJ Cal 5	5	✓	25.0	24.8	99.0
MJ Cal 6	6	✓	50.0	49.9	99.8
MJ Cal 7	7	✓	100.0	100.7	100.7



TS

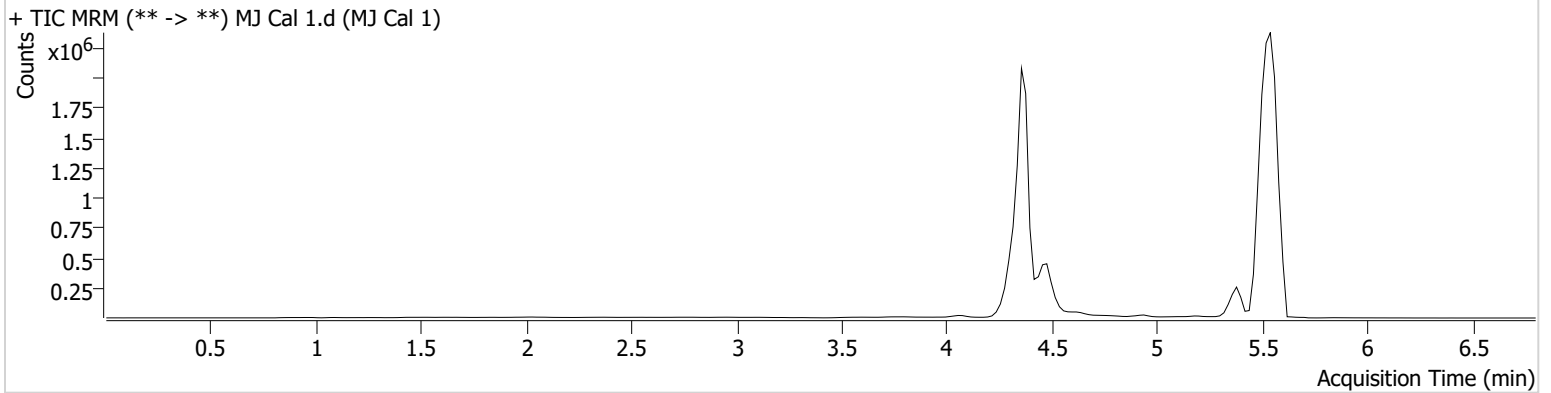


# AM #26 Cannabinoids Screen Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 25 26\030323 AM 25 26 TS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 3/6/2023 11:06:55 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	MJ Cal 1.d
<b>Type</b>	Cal	<b>Sample</b>	MJ Cal 1
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P1-A1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	3/3/2023 1:09:22 PM		

**Sample Chromatogram**



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.570	4166	476391	1.0512 ng/ml	Low
THC-COOH	4.496	125898	1943948	4.6908 ng/ml	Low
THC-OH	4.382	19805	8988509	1.0821 ng/ml	Low

TS



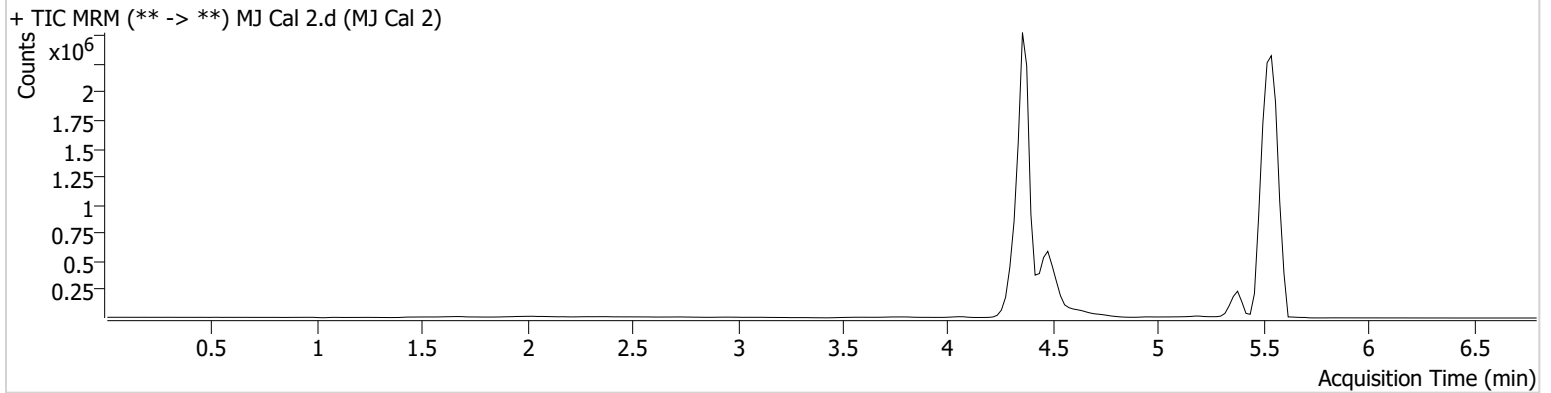
# AM #26 Cannabinoids Screen Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 25 26\030323 AM 25 26 TS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 3/6/2023 11:06:55 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	MJ Cal 2.d
<b>Type</b>	Cal	<b>Sample</b>	MJ Cal 2
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P1-B1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	3/3/2023 1:17:06 PM		

**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.570	11860	503424	2.9844 ng/ml	<b>Low</b>
THC-COOH	4.516	335616	2208578	10.2179 ng/ml	
THC-OH	4.382	69291	10122158	2.9447 ng/ml	<b>Low</b>

TS



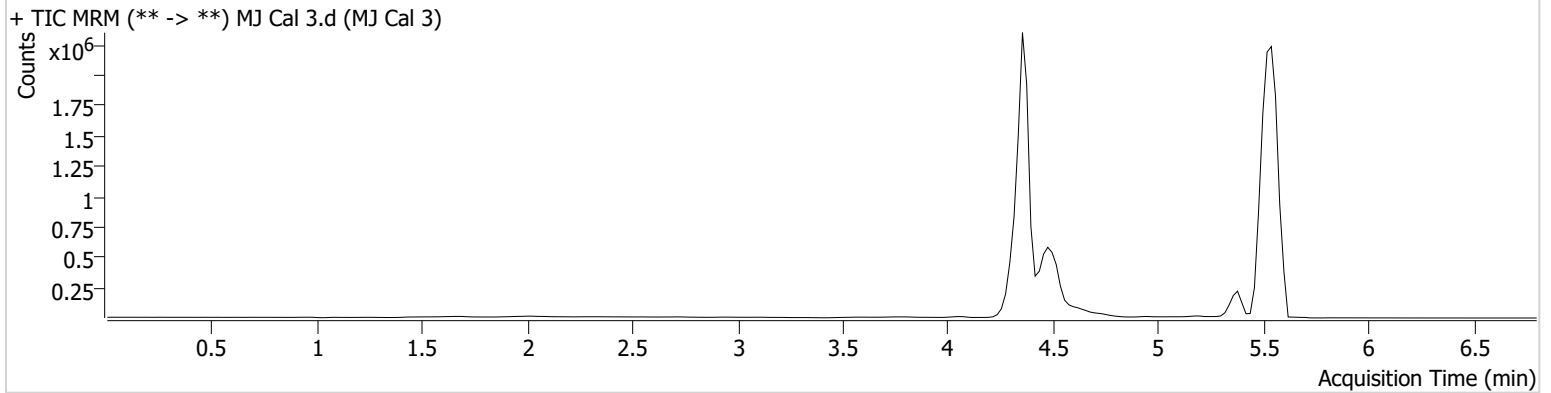
# AM #26 Cannabinoids Screen Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 25 26\030323 AM 25 26 TS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 3/6/2023 11:06:55 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	MJ Cal 3.d
<b>Type</b>	Cal	<b>Sample</b>	MJ Cal 3
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P1-C1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	3/3/2023 1:24:40 PM		

**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.570	15101	394099	4.9106 ng/ml
THC-COOH	4.516	602537	1955918	20.1124 ng/ml
THC-OH	4.382	101721	8897642	4.7852 ng/ml

TS

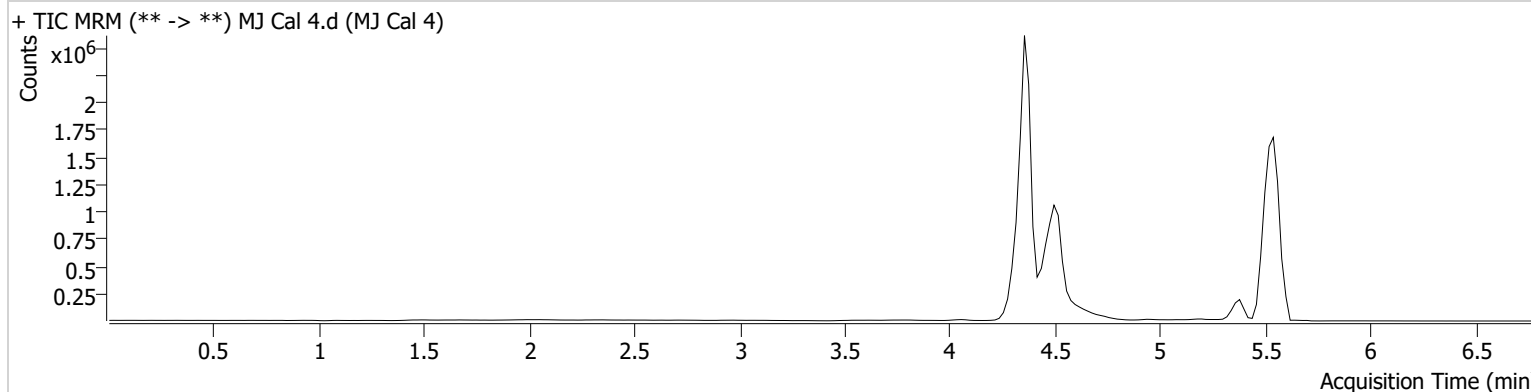


# AM #26 Cannabinoids Screen Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 25 26\030323 AM 25 26 TS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 3/6/2023 11:06:55 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	MJ Cal 4.d
<b>Type</b>	Cal	<b>Sample</b>	MJ Cal 4
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P1-D1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	3/3/2023 1:32:14 PM		

**Sample Chromatogram**



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.570	21816	285313	9.8887 ng/ml
THC-COOH	4.496	1585053	1970891	51.5631 ng/ml
THC-OH	4.382	217615	9050886	9.8454 ng/ml

TS



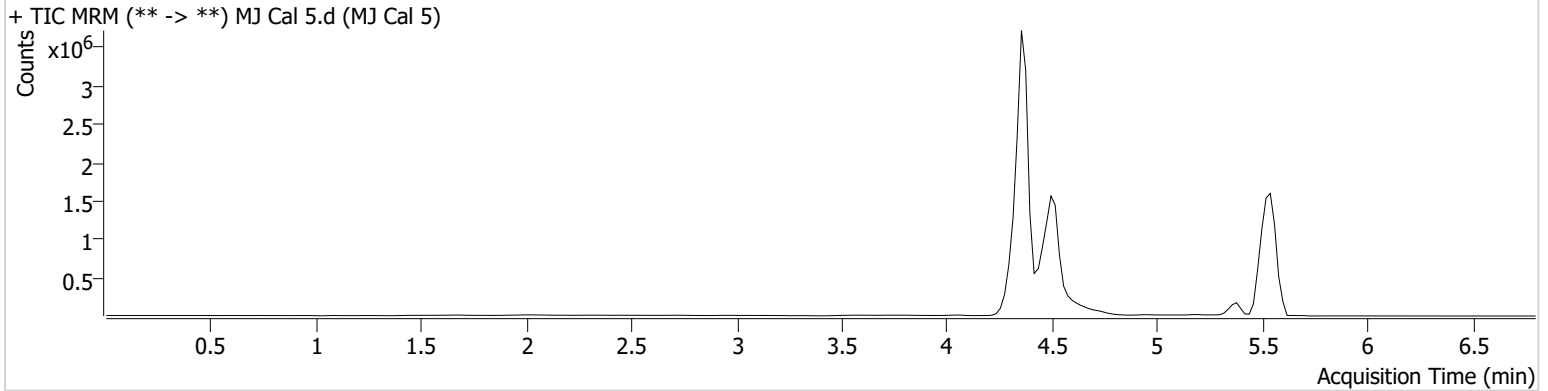
# AM #26 Cannabinoids Screen Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 25 26\030323 AM 25 26 TS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 3/6/2023 11:06:55 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	MJ Cal 5.d
<b>Type</b>	Cal	<b>Sample</b>	MJ Cal 5
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P1-E1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	3/3/2023 1:39:48 PM		

**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.509	55324	296600	24.2526 ng/ml
THC-COOH	4.496	2505553	2124630	75.3367 ng/ml
THC-OH	4.362	636419	10400514	24.7507 ng/ml

TS

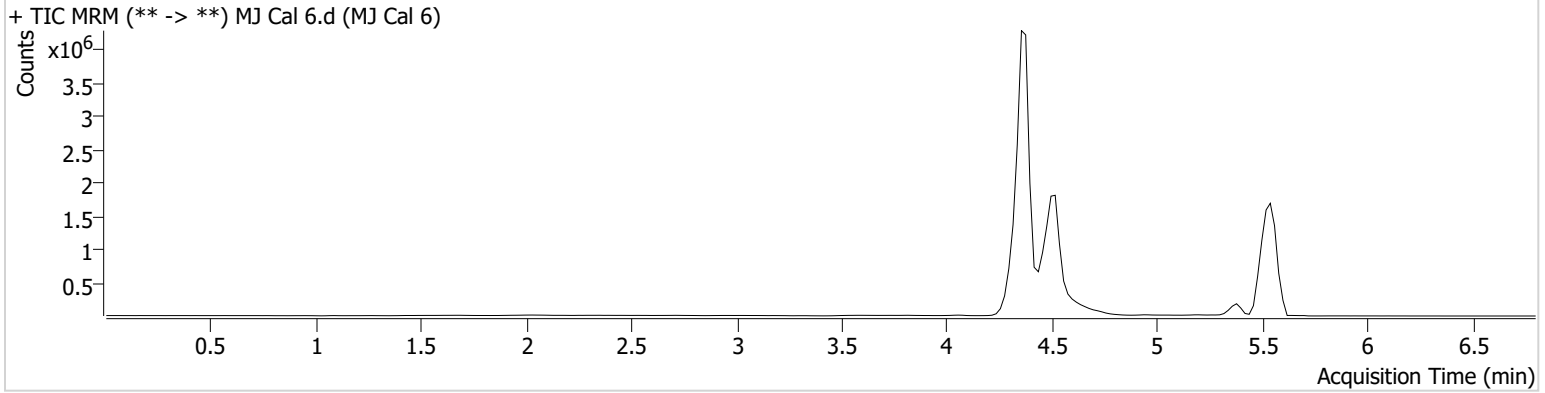


# AM #26 Cannabinoids Screen Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 25 26\030323 AM 25 26 TS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 3/6/2023 11:06:55 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	MJ Cal 6.d
<b>Type</b>	Cal	<b>Sample</b>	MJ Cal 6
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P1-F1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	3/3/2023 1:47:23 PM		

### Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.570	100180	259035	50.3823 ng/ml
THC-COOH	4.516	3135024	1977772	101.0616 ng/ml
THC-OH	4.382	1152355	9307632	49.8752 ng/ml

TS

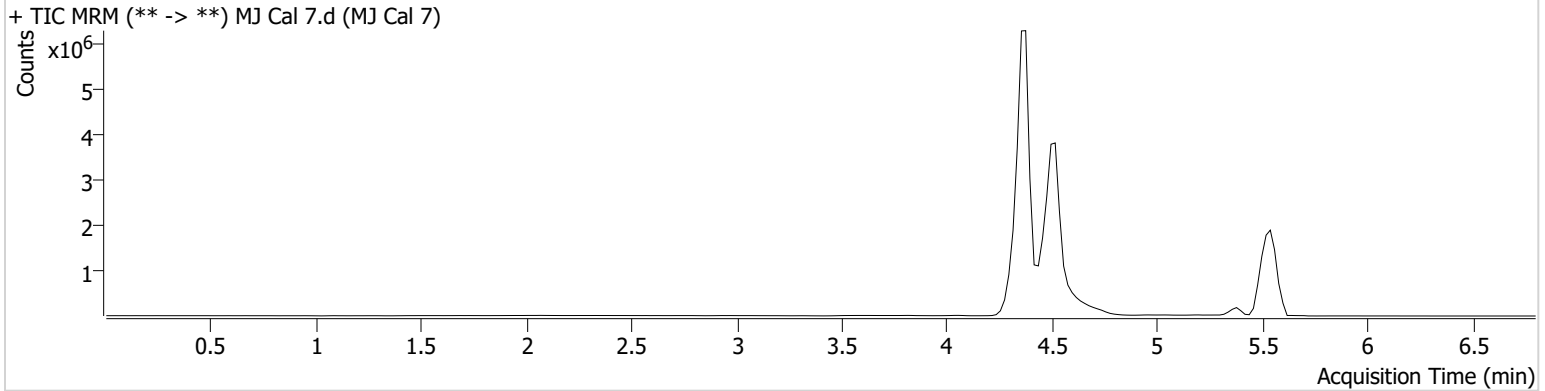


# AM #26 Cannabinoids Screen Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 25 26\030323 AM 25 26 TS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 3/6/2023 11:06:55 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	MJ Cal 7.d
<b>Type</b>	Cal	<b>Sample</b>	MJ Cal 7
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P1-G1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	3/3/2023 1:54:57 PM		

**Sample Chromatogram**



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.570	155465	201641	100.5302 ng/ml
THC-COOH	4.516	7221059	1857383	247.0175 ng/ml
THC-OH	4.382	2195720	8764761	100.7167 ng/ml