









**Worklist: 6184**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-3542	4	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-4184	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-4275	4	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-4511	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-4512	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-4514	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-4606	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-4840	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-4846	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3363	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3451	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3481	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3487	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3489	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3490	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3493	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3497	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3498	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3544	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3581	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3592	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

**Worklist: 6184**



<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2022-3593	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3594	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3595	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3619	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3620	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3661	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3662	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3663	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: 12/07/2022

Plate lot#: 220805

**Mobile phase A:** 10mM Amm Form

Instant Buffer I

**Blank Blood Lot:** Lampire 22B52015-2

**LCMS-QQQ ID:** 069901

Analyst: Celena Shrum

Plate Retest Date: 02/05/2023

**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. Urine Hydrolysis (if applicable): In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.
- 3. Using a calibrated pipette, pipette **250µL blood or 250µL hydrolyzed urine** into the appropriate wells of the analytical (standards) plate. **Pipette ID: 42**
- 4. Pipette **250µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **200-450µL of blood+base and urine+base (if applicable)** mixture to corresponding wells of SLE+ plate. Amount transferred: 300µl
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). **(Load at 85-100 PSI- Selector to the right). Manifold ID: 067104**
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate.**
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 12. Add **900uL ethyl acetate.**
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 15. Remove plate containing eluate.
- 16. Add 50µl of 1% HCl in MeOH to all wells in the run and place ACT cover on top of plate prior to drying.
- 17. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 18. Reconstitute in **100µL 20% LC MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

**Post-Analytic**

- 1. Open quantitation software and create a new quantitation batch.
- 2. Make necessary changes to integration limits
- 3. Evaluate samples, S/N of primary transition >5 and S/N of secondary transition >3 or evaluation of peak symmetry and resolution. Within +/- 2% or 0.1 min RT of administrative control. Calculated concentration of 5 or greater or 2-5 for discretionary range.
- 4. Did all QCs pass for each analyte? If no, describe issue in comments (below).
- 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:





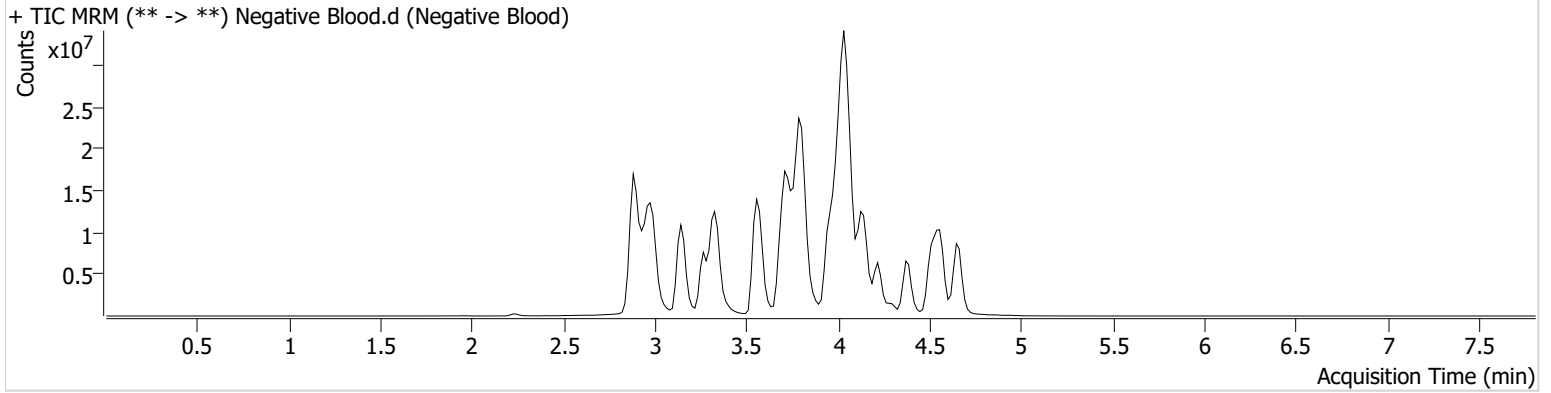
# AM #25 Multi-Drug Screen Results



**Batch results** D:\MassHunter\Data\2022\AM 25-26\120722 AM 25 26 CS\QuantResults\AM 25.batch.bin  
**Calibration Last Update** 12/15/2022 8:25:50 AM

<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>	Celena Shrum
<b>Sample Position</b>	P2-C1	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	12/7/2022 8:32:09 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



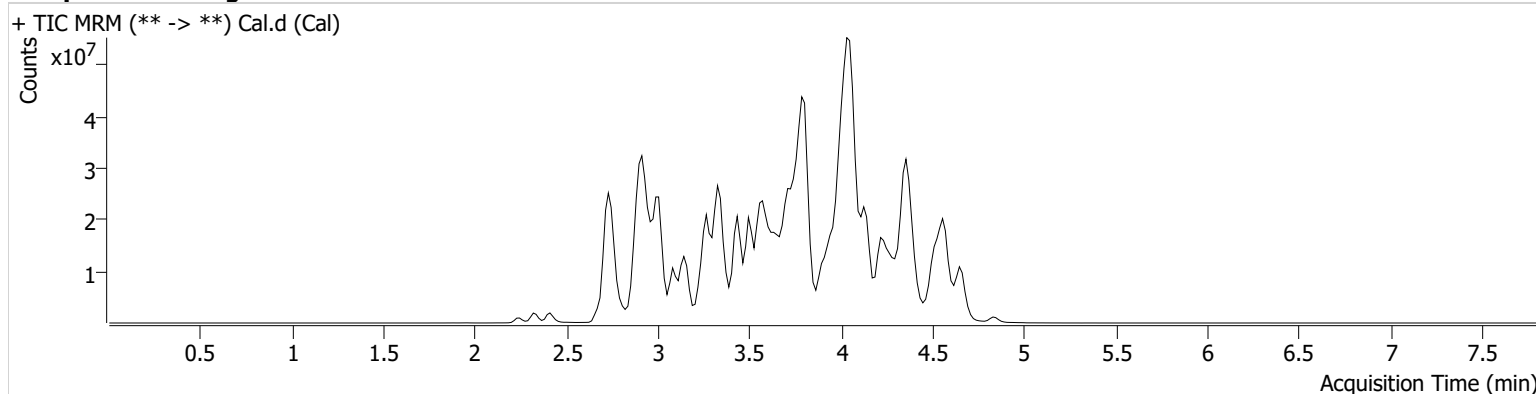
# AM #25 Multi-Drug Screen Results



**Batch results** D:\MassHunter\Data\2022\AM 25-26\120722 AM 25 26 CS\QuantResults\AM 25.batch.bin  
**Calibration Last Update** 12/15/2022 8:25:50 AM

<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>	Celena Shrum
<b>Sample Position</b>	P2-B1	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	12/7/2022 8:23:33 PM		

## Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
10-OH-Carbamazepine	3.793	5913389	84.31	554.49	32349816	10.0000
6-MAM	2.865	130330	428.04	232.63	3501532	10.0000
7-aminoclonazepam	3.559	1276619	405.39	175.36	6944155	10.0000
7-aminoflunitrazepam	3.774	1867350	884.05	230.37	6944155	10.0000
9-Hydroxyrisperidone	3.797	17715794	1419.89	4852.20	48250882	10.0000
Acetyl Fentanyl	3.740	938941	331.79	132772.65	44369116	10.0000
Acetyl Norfentanyl	2.919	936647	4566.42	311.77	44369116	10.0000
a-hydroxyalprazolam	4.510	325088	153.76	265.37	6944155	10.0000
alpha-hydroxymidazolam	4.493	4240025	569.32	1282.94	6944155	10.0000
Alpha-PHP	3.778	7268206	5147.11	3633.63	44369116	10.0000
alpha-PVP	3.503	12273076	2464.36	3943.96	24427413	10.0000
Alprazolam	4.605	4704878	776.01	380.45	21595860	10.0000
Amitriptyline	4.378	5039815	536.12	886.06	17426869	10.0000
Amphetamine	2.923	8929916	5936.23	1841.31	24427413	10.0000
Benzoyllecgonine	3.405	502948	453.08	84.36	766081	10.0000
Brompheniramine	4.018	315711	335.79	1880.79	58168542	10.0000
Buprenorphine	4.028	1159556	16156.66	85960.08	4495890	10.0000
Bupropion	3.717	8928431	1282.88	971.98	34002824	10.0000
Carbamazepine	4.242	15813290	∞	∞	370012	10.0000
Carisoprodol	4.225	3308239	362390.86	253.05	13909326	10.0000
Chlordiazepoxide	4.575	2519724	3539.00	1168.98	21595860	10.0000
Chlorpheniramine	3.930	20884015	7168.11	83.95	58168542	10.0000
Chlorpromazine	4.557	6037310	247913.08	885.47	27792516	10.0000
Citalopram	4.048	6030724	732.11	1137844.62	58168542	10.0000
Clomipramine	4.573	8121174	22942.45	18941.84	58168542	10.0000
Clonazepam	4.450	1087085	386.70	172.82	21595860	10.0000
Clonazolam	4.369	2214323	2570.12	248783.07	21595860	10.0000
Clozapine	4.140	12759536	4555.38	1451.10	38487136	10.0000
Cocaehtylene	3.771	11156028	4412.04	1537.10	45578783	10.0000
Cocaine	3.558	12714665	5401.57	995.40	45578783	10.0000
Codeine	2.762	750226	1239.52	1114.72	17606700	10.0000
Cyclobenzaprine	4.301	10070824	1019.37	86.27	17426869	10.0000
Desipramine	4.348	13366795	∞	4312.48	17426869	10.0000
Dextromethorphan	4.053	4458715	996.12	496.57	21217049	10.0000

Cal

# AM #25 Multi-Drug Screen Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Dextrophan	3.377	6849409	2806396.16	898.82	21217049	10.0000
Diazepam	4.838	1729213	1454.42	11168.04	21595860	10.0000
Dihydrocodeine	2.731	2233502	607.73	∞	17606700	10.0000
Diphenhydramine	4.008	21360170	3910.43	3196.98	58168542	10.0000
DMT	2.982	1260459	2107.74	381.43	21217049	10.0000
Doxepin	4.115	5261172	773.92	434.19	32789545	10.0000
Doxylamine	3.622	25483369	9549.18	∞	21217049	10.0000
Duloxetine	4.298	218448	149767.35	24930.40	2634383	10.0000
EDDP	4.068	5606385	1290.53	275.67	9255302	10.0000
Estazolam	4.529	5978825	1481.22	802.34	21595860	10.0000
Etizolam	4.616	600304	10014.93	1963.34	21595860	10.0000
Fentanyl	3.955	839255	509.72	535.00	36327780	10.0000
Flualprazolam	4.478	2140236	1418.47	2967.90	21595860	10.0000
Flunitrazepam	4.558	2484144	431.40	386.50	21595860	10.0000
Fluorofentanyl	3.984	1405465	291.23	2998.32	36327780	10.0000
Fluoxetine	4.313	8442452	2165.13	276.05	12599829	10.0000
Flurazepam	4.075	9661201	1908.13	905.93	21595860	10.0000
Hydrocodone	2.945	3844677	1575.11	1395.61	17606700	10.0000
Hydromorphone	2.414	3109281	8883.20	2624.46	705369	10.0000
Hydroxyzine	4.399	6496004	2854.61	3818.79	58168542	10.0000
Imipramine	4.346	17032737	1624.86	1178.97	17426869	10.0000
Ketamine	3.332	8525847	4327.99	125.57	27856080	10.0000
Lamotrigine	3.500	897667	13040.31	11756.46	58168542	10.0000
Levamisole	2.920	6364740	14668.47	761.01	45578783	10.0000
Levetiracetam	2.677	2711163	479.30	2308.18	58168542	10.0000
Lorazepam	4.434	471845	137.89	47.57	21595860	10.0000
Maprotiline	4.378	3863208	320.71	304.92	17426869	10.0000
MDA	3.013	10139883	486.27	307.10	42890459	10.0000
MDEA	3.242	13274131	1227.57	964.01	42890459	10.0000
MDMA	3.089	18204936	1567.14	745.84	42890459	10.0000
Meperidine	3.578	7211801	857.86	1452.87	21217049	10.0000
Meprobamate	3.688	2488306	1794.33	355.30	13909326	10.0000
Methadone	4.359	20189931	1376.79	456.29	9255302	10.0000
Methamphetamine	3.014	21914450	6663.00	9044.24	42890459	10.0000
Methocarbamol	3.609	853726	221.00	385.11	9255302	10.0000
Methylphenidate	3.502	24824733	2993.05	953.81	35739701	10.0000
Metoprolol	3.438	2148090	574.16	11181.88	21217049	10.0000
Midazolam	4.356	1527347	681.85	927.33	21595860	10.0000
Mirtazapine	3.653	7835846	2486.57	6588.83	21217049	10.0000
Mitragynine	4.090	1418289	1014075.07	1994.81	21217049	10.0000
Morphine	2.247	618863	4781.28	224.83	705369	10.0000
Norbuprenorphine	3.813	232659	93911.19	133748.89	4495890	10.0000
Nordiazepam	4.701	1774990	684.62	1735.08	21595860	10.0000
Norfentanyl	3.348	18434172	838.88	1372.16	44369116	10.0000
Norhydrocodone	2.931	185187	81.63	118.18	705369	10.0000
Norketamine	3.318	1918261	524.64	8907.99	27856080	10.0000
Normeperidine	3.610	8498858	2527.65	534.32	58168542	10.0000
Noroxycodone	2.899	3054930	118.93	224.19	27856080	10.0000
Nortriptyline	4.379	4858952	997.92	748.30	17426869	10.0000
O-desmethyl-tramadol	2.933	21176805	1053.60	415.07	58168542	10.0000
O-desmethylvenlafaxine	3.268	4775301	6030.02	61565.91	20986591	10.0000
Olanzapine	3.326	2727288	631449.72	534.98	370012	10.0000
Oxazepam	4.515	2106603	324.88	173.01	9240752	10.0000
Oxycodone	2.897	8081784	730.49	951.89	27856080	10.0000
Oxymorphone	2.320	4059936	330.06	280.35	705369	10.0000
Paroxetine	4.309	1085215	658.14	1140.35	12599829	10.0000
Phenazepam	4.646	2143718	671.19	311.05	21595860	10.0000
Phencyclidine	3.902	14056546	673.24	112.74	21217049	10.0000
Phentermine	3.168	3736149	204.53	112.01	35739701	10.0000
Phenytol	4.149	705437	208.88	192.71	370012	10.0000

Cal

# AM #25 Multi-Drug Screen Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Primidone	3.503	3174086	3966.27	314.64	370012	10.0000
Promethazine	4.268	21455651	2459.08	1163.50	58168542	10.0000
Pseudoephedrine	2.738	69242588	3538.12	59291.84	42890459	10.0000
Quetiapine	4.199	9126332	4603.42	2631.73	48821139	10.0000
Risperidone	3.983	17197679	70387.39	2247.46	48250882	10.0000
Sertraline	4.513	3074339	2307350.64	3356.10	12599829	10.0000
Sufentanil	4.199	822563	17454.28	2506.89	44369116	10.0000
Tapentadol	3.457	14709975	1409.86	562.26	27856080	10.0000
Temazepam	4.668	4626646	963.73	61.55	21595860	10.0000
Topiramate	3.877	218015	163.20	37281.61	952956	10.0000
Tramadol	3.438	40437733	∞	129.58	58168542	10.0000
Trazodone	4.030	8963328	615.77	470.39	32789545	10.0000
Venlafaxine	3.806	17709872	2866.47	614.05	12599829	10.0000
Zaleplon	4.329	2592970	1362286.24	281.92	48821139	10.0000
Zolpidem	3.742	19606871	4007.15	5347.11	48821139	10.0000
Zopiclone	3.707	940258	128976.61	95561.64	3883852	10.0000

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

Extraction Date: 12/07/2022

Plate lot#: 220802

**Mobile phase A:** 10mM Amm Form

**Blank Blood Lot:** Lampire 22B52015-2

**LCMS-QQQ ID:** 069901

Analyst: Celena Shrum

Plate Retest Date: 02/02/2023

**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: #27**
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Pipette **500µL 0.1% formic acid in water to blood samples and 500µl of saturated phosphate buffer to urine samples** to the appropriate wells of the analytical plate.
- 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 7. Transfer **800µL of blood+acid mixture or urine+acid** to corresponding wells of SLE+ plate.
- 8. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). **(Load at 85-100 PSI- Selector to the right)** Manifold ID: 067104
- 9. Wait 5 minutes.
- 10. Add **2.25mL MTBE. (Add in 3 increments of 750uL)**
- 11. Wait 5 minutes.
- 12. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 13. Add **2.25mL Hexane. (Add in 3 increments of 750uL)**
- 14. Wait 5 minutes.
- 15. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 16. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C. **SPE Dry ID: 067103**
- 16. Reconstitute in **100µL 100% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

### Post-Analytic

- 1. Create batch and process data.
- 2. Make any necessary integration changes, R<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:

	1	2	3	4	5	6
a	cal 1ng	QC 2	M2022-4606-1	P2022-3490-1	P2022-3594-1	
b	cal 3 ng	Blood NC	M2022-4840-2	P2022-3493-1	P2022-3595-1	
c	cal 5 ng	M2021-3542-4	M2022-4846-2	P2022-3497-1	P2022-3619-1	
d	cal 10ng	M2022-4184-1	P2022-3363-1	P2022-3498-1	P2022-3620-1	
e	cal 25 ng	M2022-4275-4	P2022-3451-1	P2022-3544-1	P2022-3661-1	
f	cal 50 ng	M2022-4511-1	P2022-3481-1	P2022-3581-1	P2022-3662-1	
g	cal 100 ng	M2022-4512-1	P2022-3487-1	P2022-3592-1	P2022-3663-1	
h	QC 1	M2022-4514-2	P2022-3489-1	P2022-3593-1		

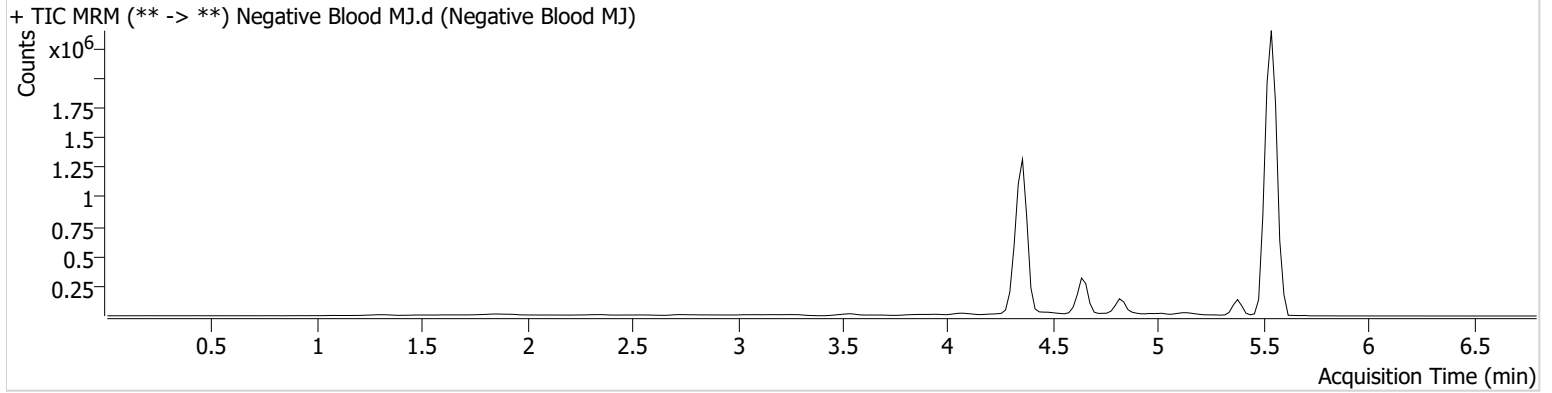
# AM #26 Cannabinoids Screen Results



**Batch results** G:\TOX\Pocatello\Falco\2022\AM 25-26\120722 AM 25 26 CS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 12/9/2022 8:38:22 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	Negative Blood MJ.d
<b>Type</b>	Sample	<b>Sample</b>	Negative Blood MJ
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Celena Shrum
<b>Sample Position</b>	P1-B2	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	12/7/2022 3:45:06 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



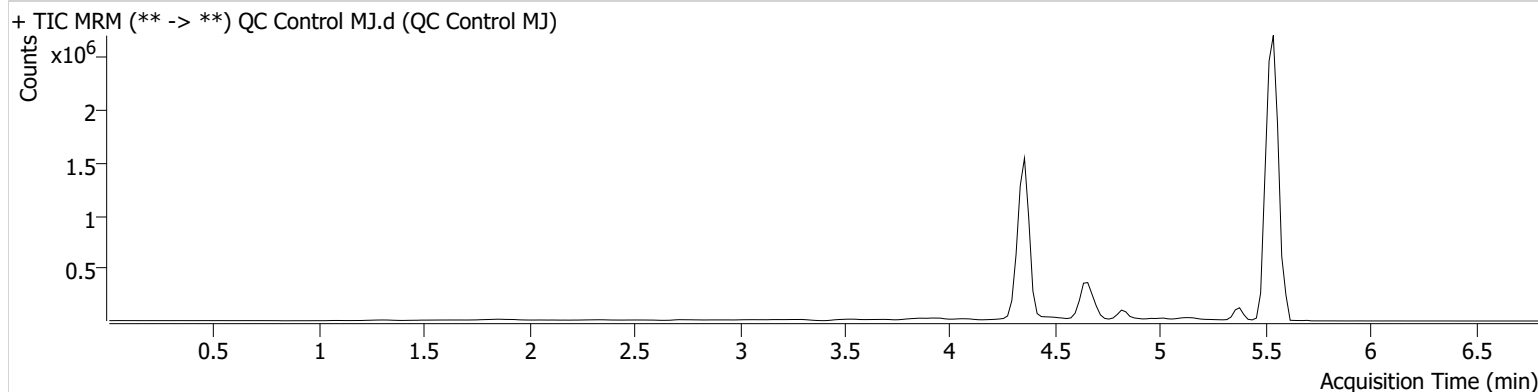
# AM #26 Cannabinoids Screen Results



**Batch results** G:\TOX\Pocatello\Falco\2022\AM 25-26\120722 AM 25 26 CS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 12/9/2022 8:38:22 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	QC Control MJ.d
<b>Type</b>	QC	<b>Sample</b>	QC Control MJ
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Celena Shrum
<b>Sample Position</b>	P1-H1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	12/7/2022 3:29:55 PM		

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.510	8672	203536	5.3549 ng/ml
THC-COOH	4.676	195698	1064339	15.0096 ng/ml
THC-OH	4.362	50053	5249602	4.8176 ng/ml



# AM #26 Cannabinoids Screen Results

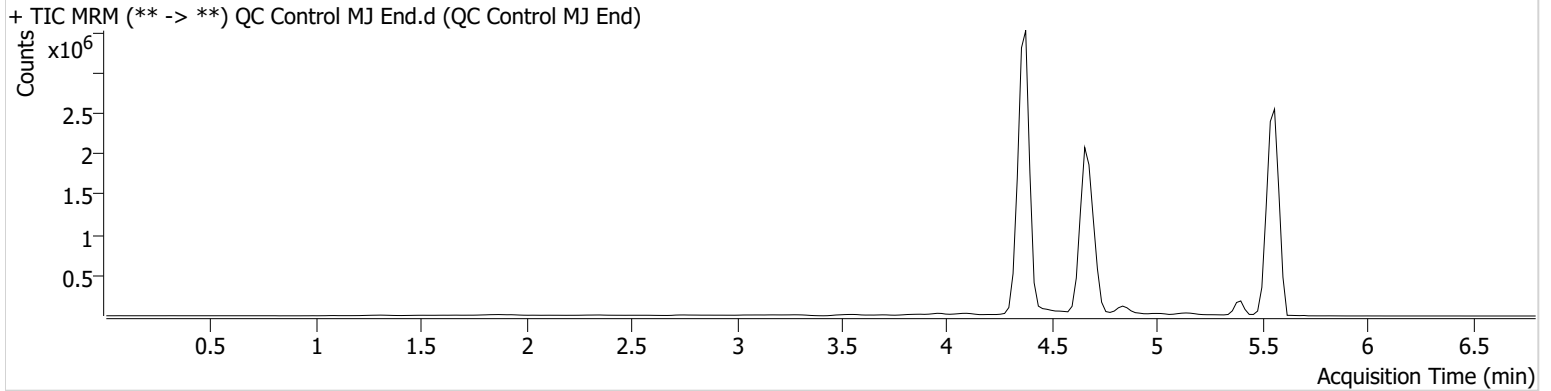


**Batch results** G:\TOX\Pocatello\Falco\2022\AM 25-26\120722 AM 25 26 CS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 12/9/2022 8:38:22 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	QC Control MJ End.d
<b>Type</b>	QC	<b>Sample</b>	QC Control MJ End
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Celena Shrum
<b>Sample Position</b>	P1-A2	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	12/7/2022 7:32:28 PM		

**Sample Info.**

## Sample Chromatogram

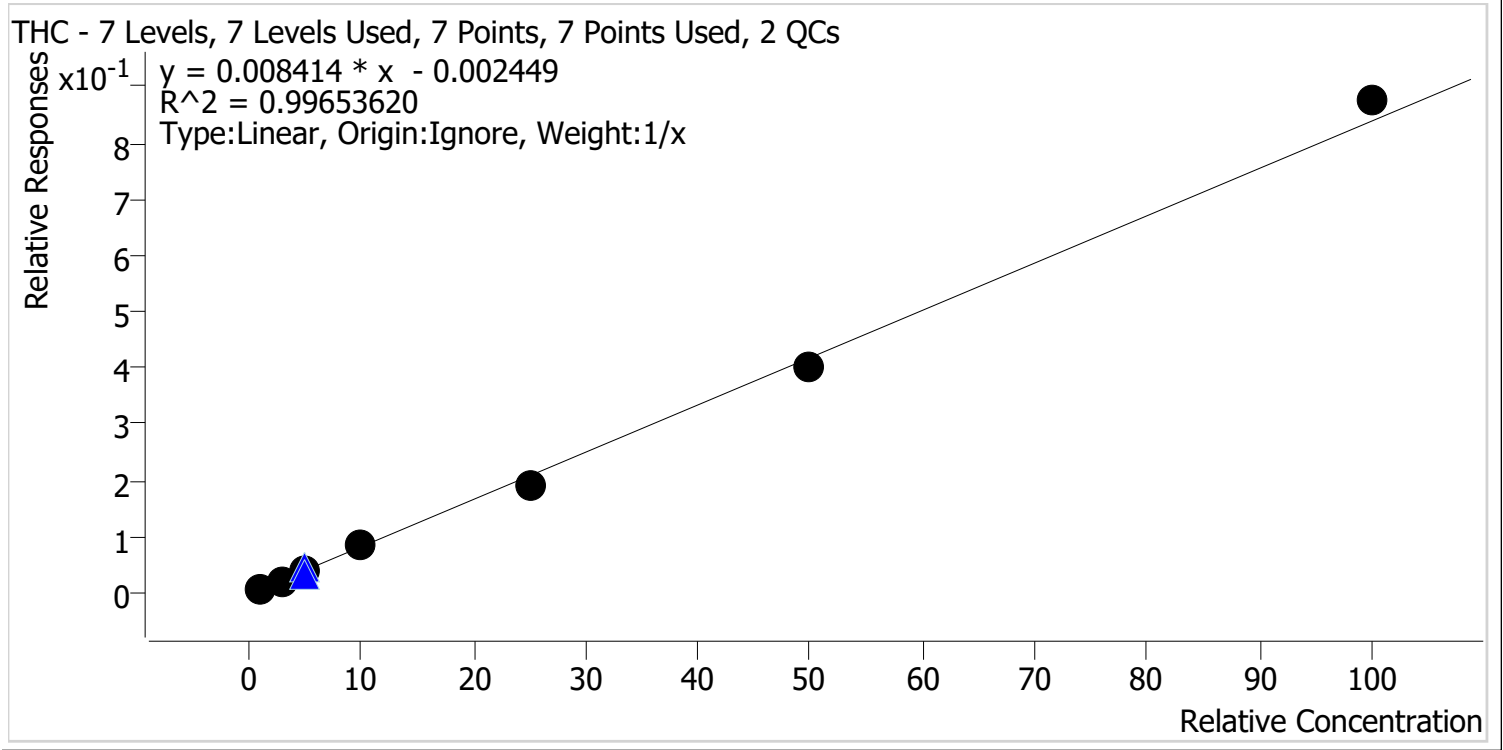


Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.530	8614	263243	4.1802 ng/ml
THC-COOH	4.696	1032480	6245966	13.5393 ng/ml
THC-OH	4.382	120266	12276682	4.9451 ng/ml



# AM #26 Cannabinoids Screen Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2022\AM 25-26\120722 AM 25 26 CS\QuantResults\AM 26.batch.bin  
**Last Cal. Update** 12/9/2022 8:38 AM  
**Analyst Name** ISP\cshrum  
**Analyte** THC **Internal Standard** THC-D3

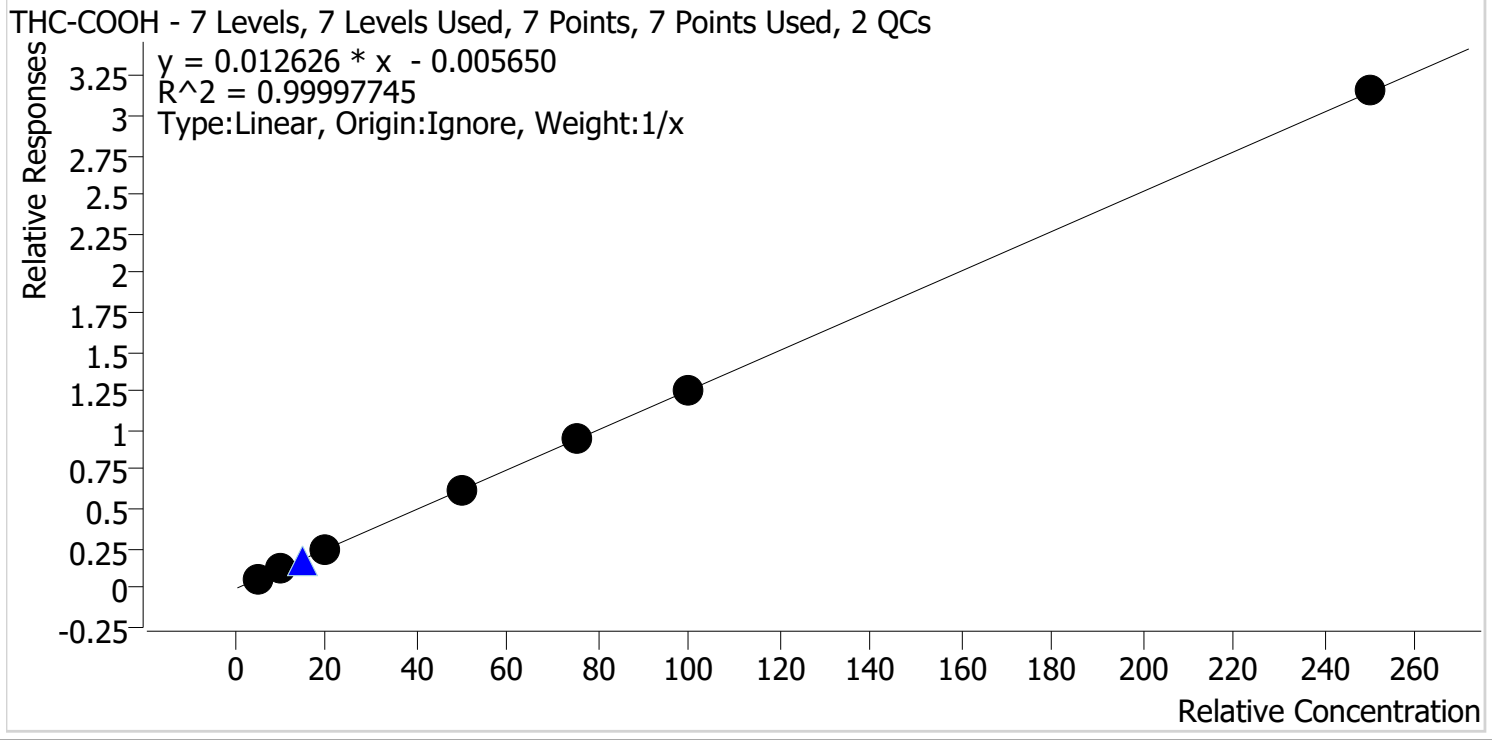


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
Cal 1 MJ	1	✓	1.0	1.1	114.0
Cal 2 MJ	2	✓	3.0	2.9	96.6
Cal 3 MJ	3	✓	5.0	4.7	93.3
Cal 4 MJ	4	✓	10.0	10.5	105.5
Cal 5 MJ	5	✓	25.0	22.7	90.7
Cal 6 MJ	6	✓	50.0	47.8	95.5
Cal 7 MJ	7	✓	100.0	104.3	104.3



# AM #26 Cannabinoids Screen Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2022\AM 25-26\120722 AM 25 26 CS\QuantResults\AM 26.batch.bin  
**Last Cal. Update** 12/9/2022 8:38 AM  
**Analyst Name** ISP\cshrum  
**Analyte** THC-COOH **Internal Standard** THC-COOH-D9

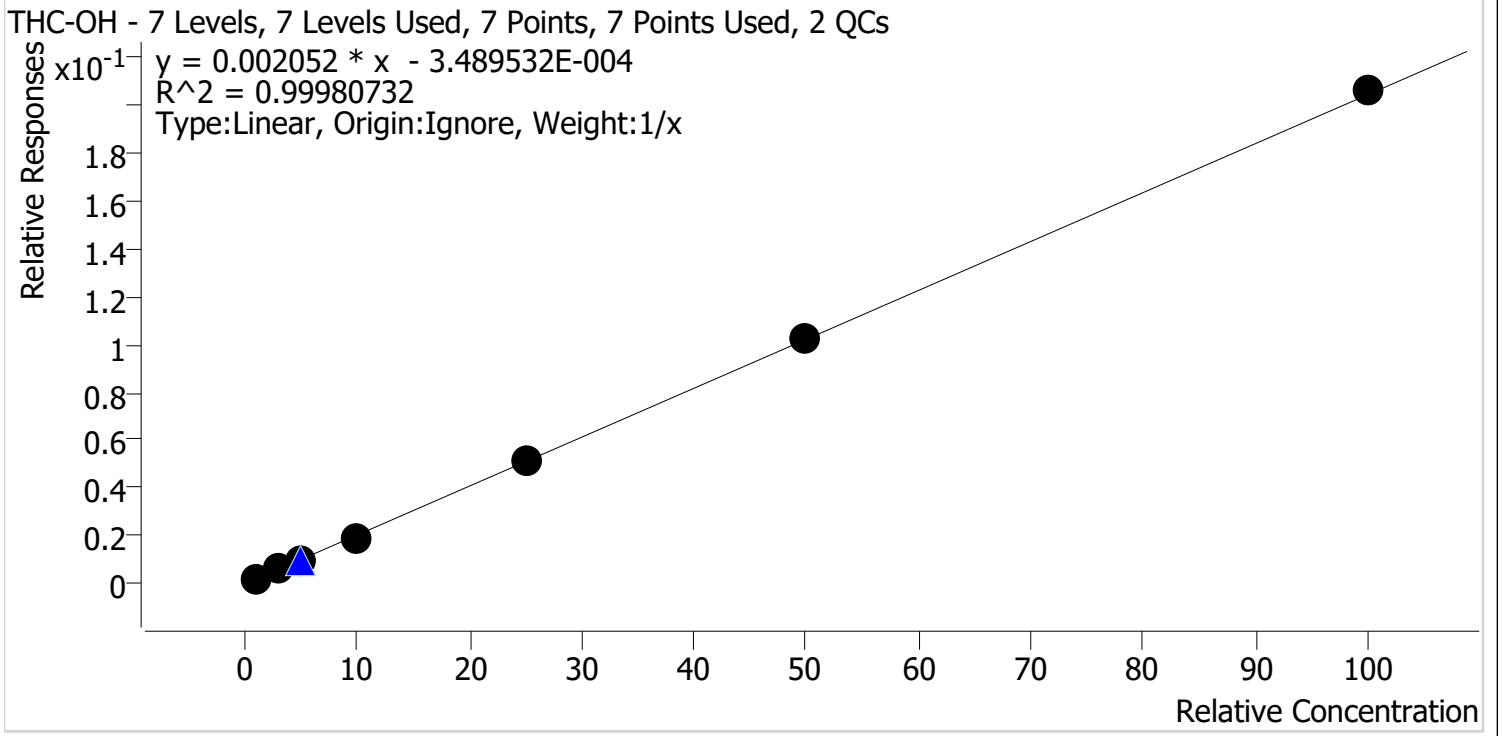


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
Cal 1 MJ	1	✓	5.0	5.1	101.6
Cal 2 MJ	2	✓	10.0	9.9	99.0
Cal 3 MJ	3	✓	20.0	20.1	100.3
Cal 4 MJ	4	✓	50.0	49.6	99.2
Cal 5 MJ	5	✓	75.0	74.8	99.8
Cal 6 MJ	6	✓	100.0	99.8	99.8
Cal 7 MJ	7	✓	250.0	250.8	100.3



# AM #26 Cannabinoids Screen Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2022\AM 25-26\120722 AM 25 26 CS\QuantResults\AM 26.batch.bin  
**Last Cal. Update** 12/9/2022 8:38 AM  
**Analyst Name** ISP\cshrum  
**Analyte** THC-OH **Internal Standard** THC-OH-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
Cal 1 MJ	1	✓	1.0	1.1	107.9
Cal 2 MJ	2	✓	3.0	3.0	99.1
Cal 3 MJ	3	✓	5.0	4.8	96.8
Cal 4 MJ	4	✓	10.0	9.7	96.5
Cal 5 MJ	5	✓	25.0	24.8	99.3
Cal 6 MJ	6	✓	50.0	49.8	99.7
Cal 7 MJ	7	✓	100.0	100.8	100.8

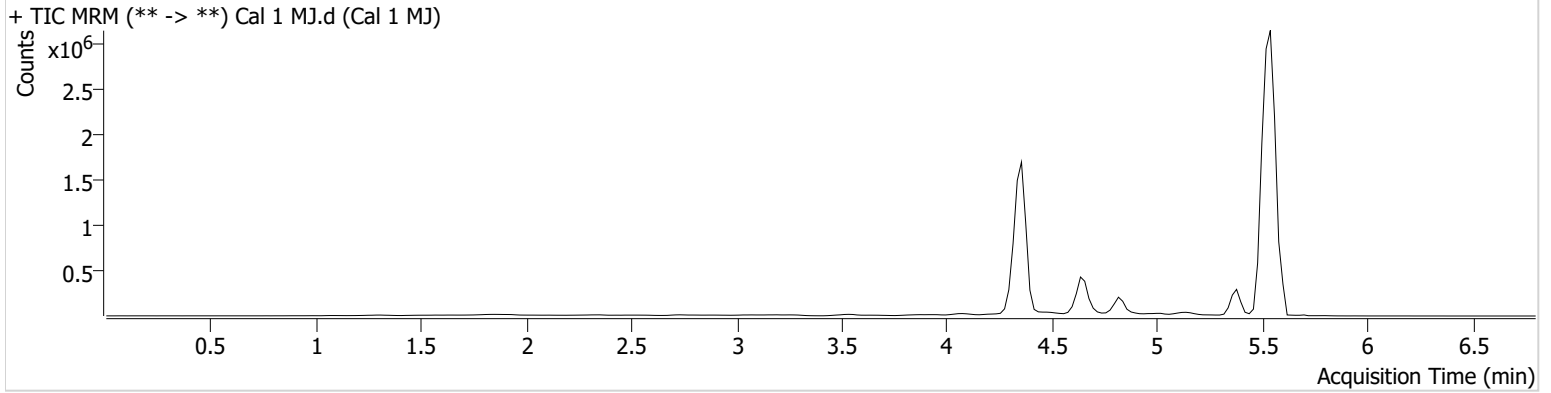
# AM #26 Cannabinoids Screen Results



**Batch results** G:\TOX\Pocatello\Falco\2022\AM 25-26\120722 AM 25 26 CS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 12/9/2022 8:38:22 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	Cal 1 MJ.d
<b>Type</b>	Cal	<b>Sample</b>	Cal 1 MJ
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Celena Shrum
<b>Sample Position</b>	P1-A1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	12/7/2022 2:36:46 PM		

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.550	2672	374032	1.1400 ng/ml	Low
THC-COOH	4.676	84536	1445097	5.0805 ng/ml	
THC-OH	4.362	11897	6383082	1.0786 ng/ml	Low

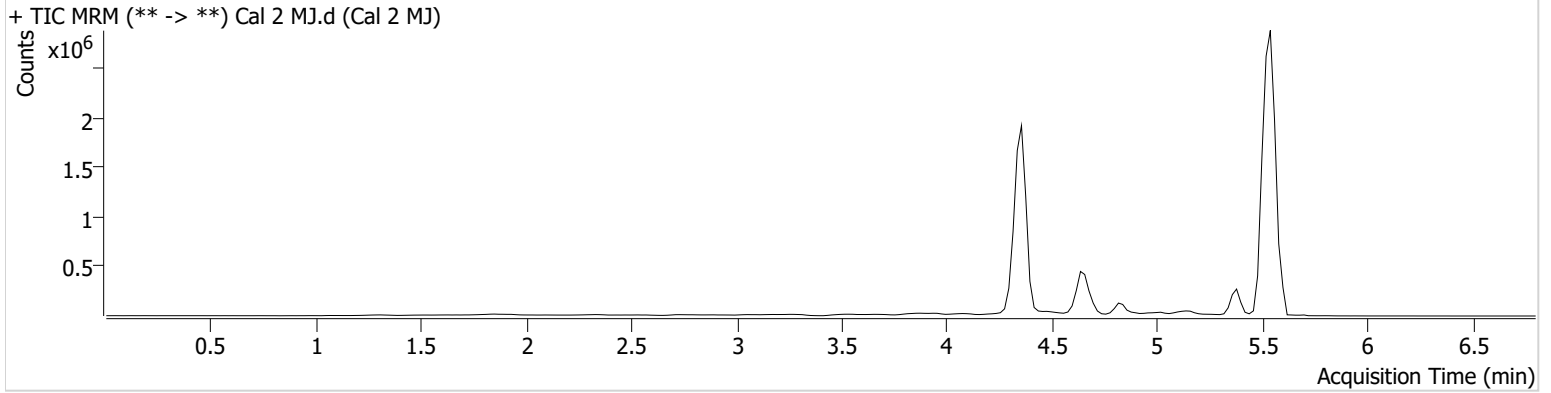
# AM #26 Cannabinoids Screen Results



**Batch results** G:\TOX\Pocatello\Falco\2022\AM 25-26\120722 AM 25 26 CS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 12/9/2022 8:38:22 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	Cal 2 MJ.d
<b>Type</b>	Cal	<b>Sample</b>	Cal 2 MJ
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Celena Shrum
<b>Sample Position</b>	P1-B1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	12/7/2022 2:44:30 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.510	7508	342295	2.8982 ng/ml	Low
THC-COOH	4.676	165094	1382699	9.9038 ng/ml	
THC-OH	4.362	39825	6926075	2.9728 ng/ml	Low

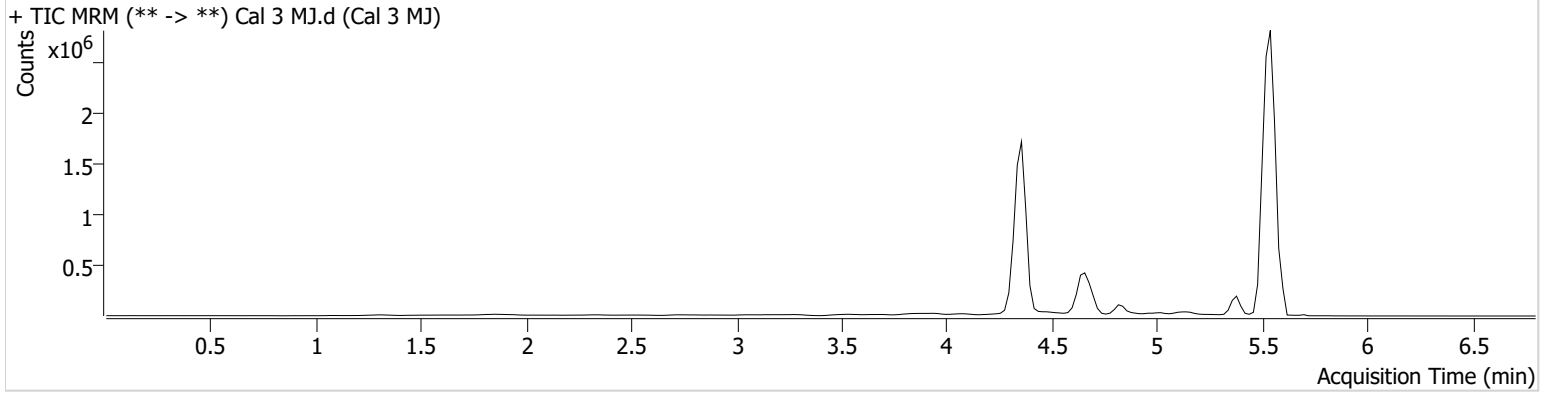
# AM #26 Cannabinoids Screen Results



**Batch results** G:\TOX\Pocatello\Falco\2022\AM 25-26\120722 AM 25 26 CS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 12/9/2022 8:38:22 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	Cal 3 MJ.d
<b>Type</b>	Cal	<b>Sample</b>	Cal 3 MJ
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Celena Shrum
<b>Sample Position</b>	P1-C1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	12/7/2022 2:52:04 PM		

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.510	11007	298968	4.6670 ng/ml
THC-COOH	4.676	285030	1150986	20.0603 ng/ml
THC-OH	4.362	56743	5925731	4.8376 ng/ml

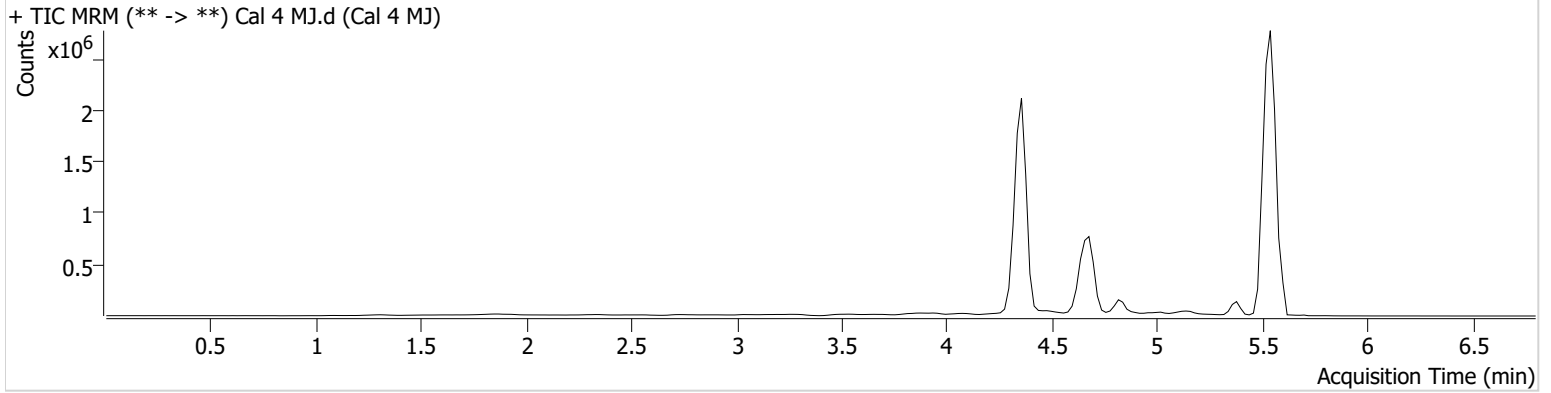
# AM #26 Cannabinoids Screen Results



**Batch results** G:\TOX\Pocatello\Falco\2022\AM 25-26\120722 AM 25 26 CS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 12/9/2022 8:38:22 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	Cal 4 MJ.d
<b>Type</b>	Cal	<b>Sample</b>	Cal 4 MJ
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Celena Shrum
<b>Sample Position</b>	P1-D1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	12/7/2022 2:59:38 PM		

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.510	24363	282283	10.5493 ng/ml
THC-COOH	4.676	826649	1331787	49.6067 ng/ml
THC-OH	4.362	131667	6767343	9.6538 ng/ml



CS

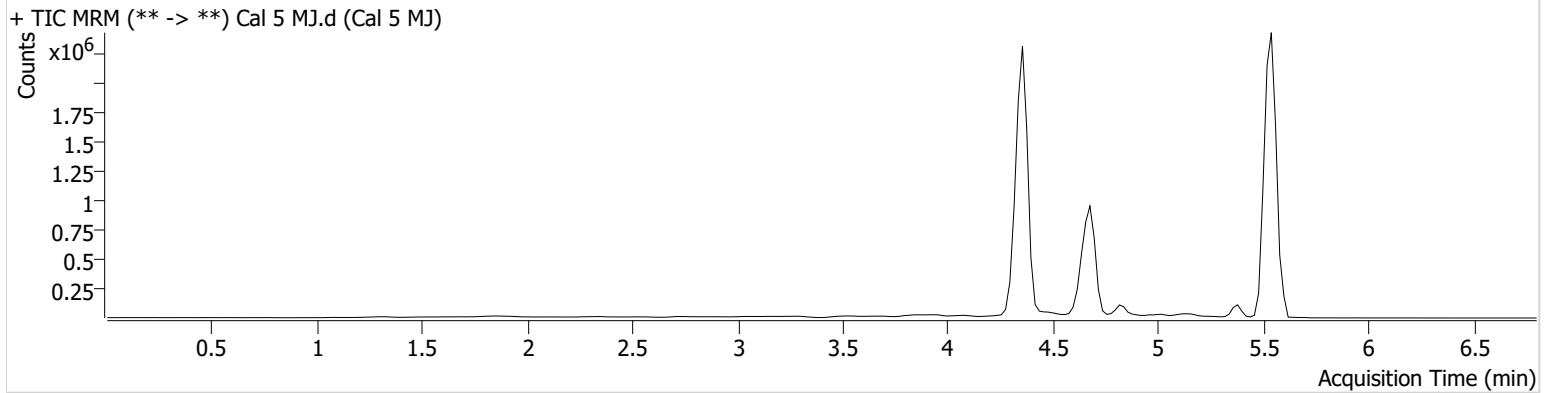


# AM #26 Cannabinoids Screen Results

**Batch results** G:\TOX\Pocatello\Falco\2022\AM 25-26\120722 AM 25 26 CS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 12/9/2022 8:38:22 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	Cal 5 MJ.d
<b>Type</b>	Cal	<b>Sample</b>	Cal 5 MJ
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Celena Shrum
<b>Sample Position</b>	P1-E1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	12/7/2022 3:07:13 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.510	53331	283096	22.6815 ng/ml
THC-COOH	4.676	1097295	1168408	74.8260 ng/ml
THC-OH	4.362	309185	6113981	24.8197 ng/ml

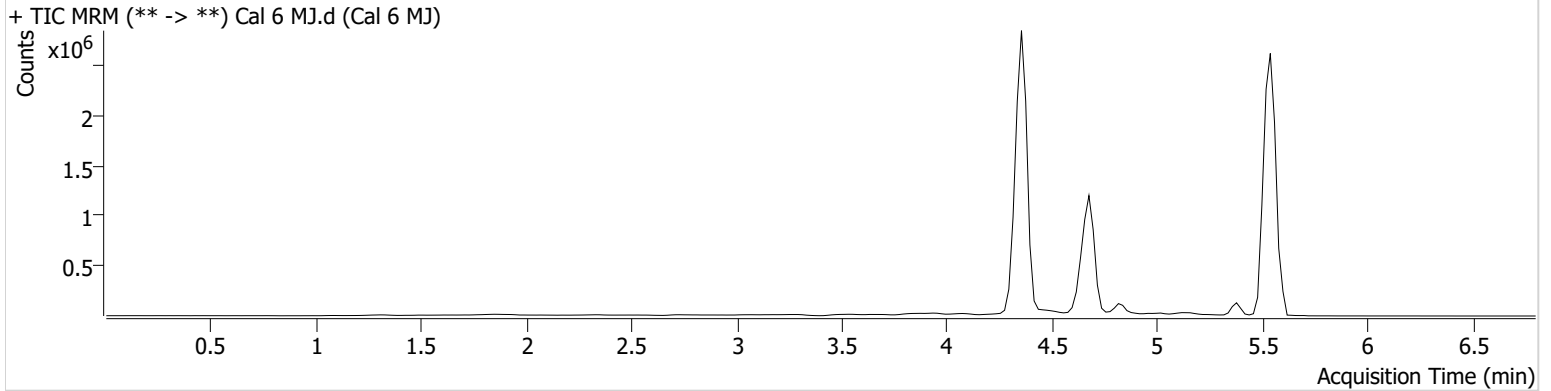
# AM #26 Cannabinoids Screen Results



**Batch results** G:\TOX\Pocatello\Falco\2022\AM 25-26\120722 AM 25 26 CS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 12/9/2022 8:38:22 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	Cal 6 MJ.d
<b>Type</b>	Cal	<b>Sample</b>	Cal 6 MJ
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Celena Shrum
<b>Sample Position</b>	P1-F1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	12/7/2022 3:14:47 PM		

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.510	91026	227868	47.7697 ng/ml
THC-COOH	4.676	1413341	1127008	99.7679 ng/ml
THC-OH	4.362	571881	5612060	49.8407 ng/ml

CS

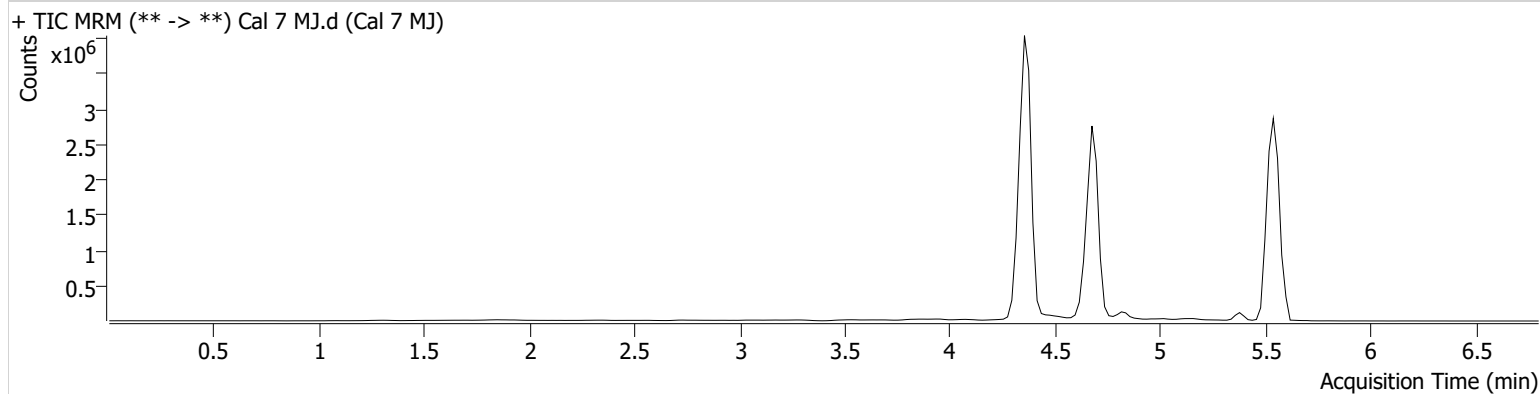


# AM #26 Cannabinoids Screen Results

**Batch results** G:\TOX\Pocatello\Falco\2022\AM 25-26\120722 AM 25 26 CS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 12/9/2022 8:38:22 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	Cal 7 MJ.d
<b>Type</b>	Cal	<b>Sample</b>	Cal 7 MJ
<b>Acq. Method</b>	AM 26 THC.m	<b>Operator</b>	Celena Shrum
<b>Sample Position</b>	P1-G1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	12/7/2022 3:22:21 PM		

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.510	164859	188401	104.2943 ng/ml
THC-COOH	4.676	3472449	1098704	250.7549 ng/ml
THC-OH	4.362	1145964	5551034	100.7968 ng/ml