




Worklist: 5200

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-3228	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2021-3665	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-1506	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2222	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2296	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2417	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2578	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2685	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2696	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2707	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2721	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2722	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2761	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2783	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2790	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2791	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2792	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2793	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2794	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2795	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2796	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

**Worklist: 5200**

TS

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2021-2807	1	BCK	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2021-2808	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-2827	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

TS

Extraction Date: 08/31/2021

Plate lot#: IDP-120-210611

**Mobile phase A:** 10mM Amm Form  
Instant Buffer I

**Blank Blood Lot:** Lampire 20L20724

**LCMS-QQQ ID:** 069901

Analyst: Tamara Salazar

Plate Re-Test Date: 12/11/2021

**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 and urine** (if applicable) into wells of analytical (standards) plate.  
**Pipette ID: 42**
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 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. If run contains urine, add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying.
- 16. 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:

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + Sample	IS + Sample	IS + Sample	P2021-2222-1	P20201-2722-1	P2021-2795-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
B	IS + Cal. 1	IS + Sample	IS + Sample	IS + Sample	P2021-2296-1	P2021-2761-1	P2021-2796-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
C	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2021-2417-1	P2021-2783-1	P2021-2807-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
D	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2021-2578-1	P2021-2790-1	P2021-2808-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
E	IS + Sample	IS + Sample	IS + Sample	Neg	P2021-2685-1	P2021-2791-1	P2021-2827-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
F	IS + Sample	IS + Sample	IS + Sample	M2021-3228-1	P2021-2696-1	P2021-2792-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
G	IS + Sample	IS + Sample	IS + Sample	M2021-3665-2	P2021-2707-2	P2021-2793-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 1
H	IS + Sample	IS + Sample	IS + Sample	P2021-1506-1	P2021-2721-1	P2021-2794-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 1

All wells to contain 60 µl of residual DMSO



TS

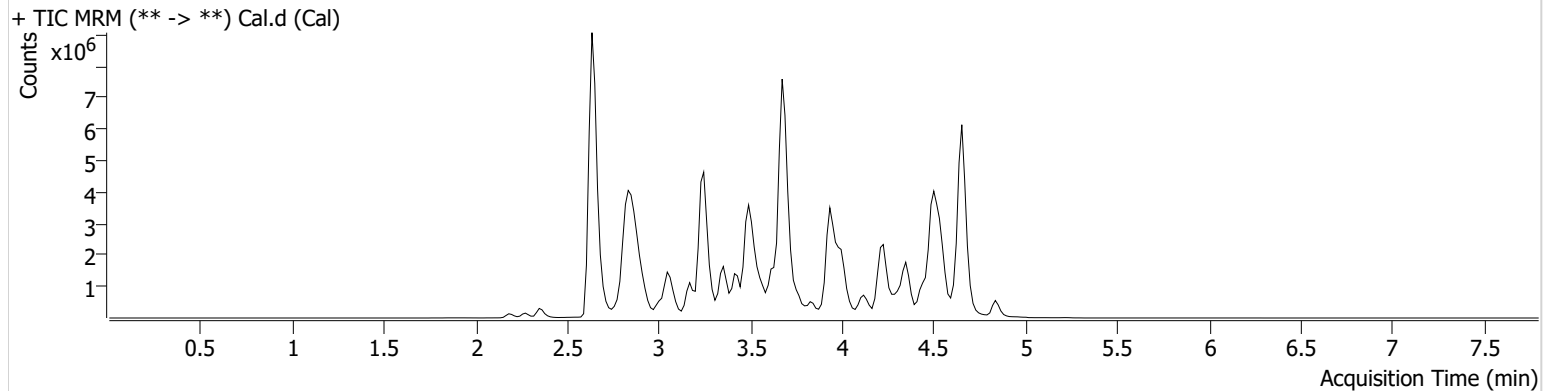


# AM #25 Multi-Drug Screen Results

**Batch results** D:\MassHunter\Data\2021\AM 25-26\083121 AM 25 TS\QuantResults\AM 25.batch.bin  
**Calibration Last Update** 9/7/2021 1:09:20 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-B1	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	8/31/2021 5:12:30 PM		

**Sample Chromatogram**



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
6-MAM	2.801	17858	3053.20	7420.13	227857	10.0000
7-aminoclonazepam	3.538	347708	156.01	103848.62	1704523	10.0000
7-aminoflunitrazepam	3.768	1011134	293.68	38379.80	1704523	10.0000
Acetyl Fentanyl	3.672	19497	94.87	4252.56	9386401	10.0000
Acetyl Norfentanyl	2.840	98904	2287.26	51.07	9386401	10.0000
a-hydroxyalprazolam	4.515	64301	103.66	8370.62	1704523	10.0000
alpha-hydroxymidazolam	4.468	505619	137.42	167398.38	1704523	10.0000
Alpha-PHP	3.696	626845	723.83	133.56	9386401	10.0000
alpha-PVP	3.437	1349928	829.74	162.00	770610	10.0000
Alprazolam	4.626	1092091	514.46	868.71	13288546	10.0000
Amitriptyline	4.324	186373	37.08	94.83	616603	10.0000
Amphetamine	2.814	741527	427.09	∞	770610	10.0000
Benzoylcegonine	3.369	153830	80640.19	42.97	283250	10.0000
Brompheniramine	3.949	1589	75.96	151.84	8107558	10.0000
Buprenorphine	3.960	68963	20677.76	6387.81	211793	10.0000
Bupropion	3.635	649152	250.23	432.43	1703271	10.0000
Carbamazepine	4.234	4581461	∞	1656.45	473966	10.0000
Carisoprodol	4.217	325788	2304.26	33.77	2008747	10.0000
Chlordiazepoxide	4.535	565733	212.26	444.91	13288546	10.0000
Chlorpheniramine	3.846	386718	194.58	13.65	8107558	10.0000
Citalopram	3.979	362275	316.56	234.69	8107558	10.0000
Clomipramine	4.501	273211	2701.46	209.56	8107558	10.0000
Clonazepam	4.440	634807	688.71	709.98	13288546	10.0000
Clonazolam	4.360	472509	1306.61	96639.18	13288546	10.0000
Cocaethylene	3.688	923404	848318.28	1050.61	5985618	10.0000
Cocaine	3.475	1383984	1862.69	403.29	5985618	10.0000
Codeine	2.699	173136	443.54	1691.00	2869072	10.0000
Cyclobenzaprine	4.246	166178	107.31	23.95	616603	10.0000
Desipramine	4.278	335344	159.44	∞	616603	10.0000
Dextromethorphan	3.985	154450	419.33	1220.98	793536	10.0000
Dextrorphan	3.295	331856	272578.73	392.34	793536	10.0000
Diazepam	4.843	783288	1235.23	1606.82	13288546	10.0000
Dihydrocodeine	2.667	459797	805.32	344.74	2869072	10.0000
Diphenhydramine	3.940	522563	331.11	72.07	8107558	10.0000

Cal

# AM #25 Multi-Drug Screen Results

TS



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Doxepin	4.044	125532	79.08	24.50	1860745	10.0000
Doxylamine	3.509	1880876	408.01	554.16	793536	10.0000
EDDP	3.999	145406	112.60	143.84	425971	10.0000
Estazolam	4.535	3206094	1287.12	407.46	13288546	10.0000
Etizolam	4.636	224320	272758.27	311361.03	13288546	10.0000
Fentanyl	3.901	11653	21.89	127.02	941262	10.0000
Flualprazolam	4.484	156185	63049.45	3432.84	13288546	10.0000
Flunitrazepam	4.564	1210166	546.19	761.38	13288546	10.0000
Fluoxetine	4.242	182145	431.14	11.18	830748	10.0000
Flurazepam	4.022	153496	137.59	15337.31	13288546	10.0000
Hydrocodone	2.882	350133	1720.32	278.96	2869072	10.0000
Hydromorphone	2.351	491755	566.87	540.60	85186	10.0000
Imipramine	4.291	291235	506.36	122.14	616603	10.0000
Ketamine	3.266	1578845	3714.39	70.20	4332850	10.0000
Lamotrigine	3.403	128374	273.76	2933.42	8107558	10.0000
Levamisole	2.841	1303700	3416.44	257.93	5985618	10.0000
Levetiracetam	2.644	651445	466.26	270.07	8107558	10.0000
Lorazepam	4.424	433625	378.03	∞	13288546	10.0000
Maprotiline	4.324	94522	10.08	70.09	616603	10.0000
MDA	2.933	234703	2146.96	126.98	3241532	10.0000
MDEA	3.161	497862	1135.58	169.84	3241532	10.0000
MDMA	3.009	808289	2720.95	436.03	3241532	10.0000
Meperidine	3.496	403691	153.91	142.12	793536	10.0000
Meprobamate	3.652	92216	162.02	115.04	2008747	10.0000
Methadone	4.303	353658	270.67	208.68	425971	10.0000
Methamphetamine	2.920	610099	335.90	304.72	3241532	10.0000
Methocarbamol	3.573	483458	291.57	187.21	425971	10.0000
Methylphenidate	3.436	1554430	476.38	265.96	3674084	10.0000
Metoprolol	3.371	116837	312.70	120.94	793536	10.0000
Midazolam	4.301	75950	113.92	398.26	13288546	10.0000
Mirtazapine	3.571	300726	278.44	617.10	793536	10.0000
Mitragynine	4.052	20237	15036.84	49197.39	793536	10.0000
Morphine	2.186	92215	∞	7369.73	85186	10.0000
Norbuprenorphine	3.731	3361	25.95	2268.07	211793	10.0000
Nordiazepam	4.692	595385	379321.79	405.27	13288546	10.0000
Norfentanyl	3.252	1982708	762.15	102.26	9386401	10.0000
Norhydrocodone	2.852	2777	4418.50	2386.11	85186	10.0000
Norketamine	3.237	207478	85.48	861.01	4332850	10.0000
Normeperidine	3.513	218964	341.35	82.38	8107558	10.0000
Noroxycodone	2.820	276205	54.39	148.35	4332850	10.0000
Nortriptyline	4.325	130577	283.68	85.70	616603	10.0000
O-desmethyl-tramadol	2.853	3649122	1615.73	246.33	8107558	10.0000
Olanzapine	3.092	64133	107.84	281.92	473966	10.0000
Oxazepam	4.505	1237410	319.23	97.08	7841705	10.0000
Oxycodone	2.833	1145912	248.93	848.31	4332850	10.0000
Oxymorphone	2.271	293273	323.75	259.88	85186	10.0000
Paroxetine	4.254	27891	45.44	3560.65	830748	10.0000
Phenazepam	4.636	530923	3831.33	196525.62	13288546	10.0000
Phencyclidine	3.834	393217	99.12	111.61	793536	10.0000
Phentermine	3.072	300727	58.06	3.06 <b>Low</b>	3674084	10.0000
Phenytoin	4.126	836836	1476.19	384.95	473966	10.0000
Promethazine	4.198	696457	606.70	173.87	8107558	10.0000
Pseudoephedrine	2.644	22307457	1735.74	1146.04	3241532	10.0000
Quetiapine	4.145	308219	895.45	12703.03	18099269	10.0000
Sertraline	4.457	154391	156164.44	242.89	830748	10.0000
Sufentanil	4.160	8579	12215.88	20.37	9386401	10.0000
Tapentadol	3.360	884639	421.17	82.72	4332850	10.0000
Temazepam	4.658	2013951	300.89	228.67	13288546	10.0000
Tramadol	3.341	3000026	626.74	33.22	8107558	10.0000
Trazodone	3.961	419140	390.13	349.49	1860745	10.0000

Cal

TS

# AM #25 Multi-Drug Screen Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Venlafaxine	3.707	1201693	1751.15	125.51	830748	10.0000
Zaleplon	4.351	2168678	350.99	785.62	18099269	10.0000
Zolpidem	3.689	2929629	939.31	1883.95	18099269	10.0000
Zopiclone	3.624	250529	3944.19	105325.57	1382942	10.0000

TS

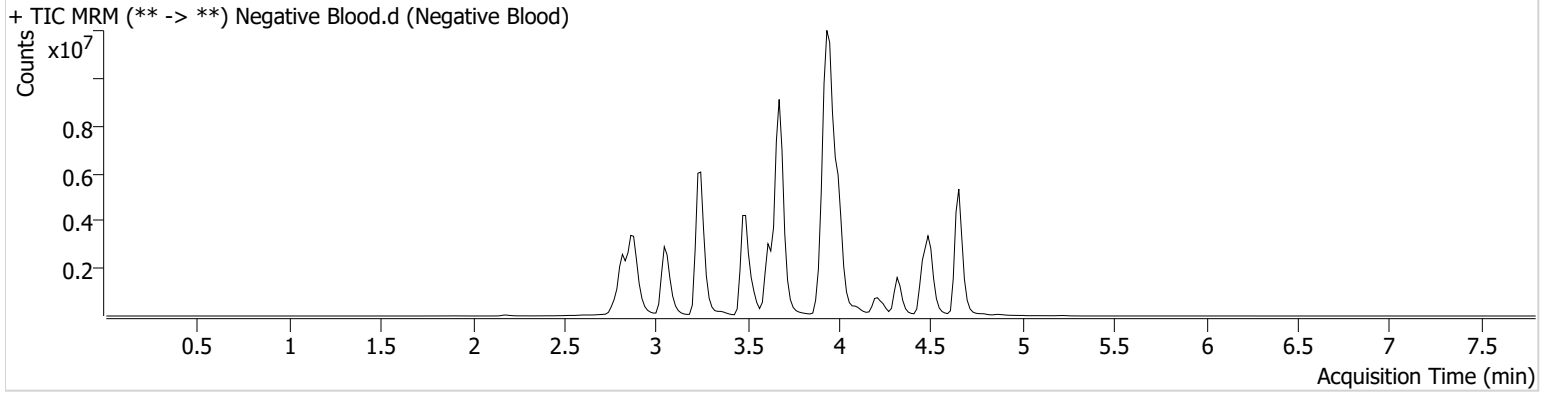


# AM #25 Multi-Drug Screen Results

**Batch results** D:\MassHunter\Data\2021\AM 25-26\083121 AM 25 TS\QuantResults\AM 25.batch.bin  
**Calibration Last Update** 9/7/2021 1:09:20 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-E4	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	8/31/2021 5:21:04 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



TS

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

Extraction Date: 09/03/2021

Analyst: Tamara Salazar

Plate lot#: IDP-108-2-210609

Plate Re-Test Date: 12-09-21

**Mobile phase A:** 0.1% Formic Acid in LCMS Water

**Mobile phase B:** 0.1% Formic acid in Acetonitrile

**Blank Blood Lot:** Lampire 20L20724

**Column:** Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)

**LCMS-QQ ID:** 069901

### 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, add **1000µL blood and urine (if applicable) (calibrated pipette)** into the appropriate wells of analytical (standards) plate. **Pipette ID: 42**
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **500µL 0.1% formic acid in water blood sample, 500 µL saturated phosphate buffer in urine** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **700-800µL of blood+acid or urine+acid** mixture to corresponding wells of SLE+ plate. Amount transferred: 800uL
- 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 **2.25mL MTBE. (Add in 3 increments of 750uL)**
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 12. Add **2.25mL Hexane. (Add in 3 increments of 750uL)**
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 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:

Instrument stopped due to high pressure during analysis. The issue was corrected and the run resumed normally.

Curves limited: THC: 3-100, THC-COOH: 5-100

TS

	1	2	3	4	5	6
A	IS + Cal. 1	Neg	P2021-2685-1	P2021-2791-1		IS + QC_1
B	IS + Cal. 2	M2021-3228-1	P2021-2696-1	P2021-2792-1		IS + Cal. 7
C	IS + Cal. 3	M2021-3665-2	P2021-2707-2	P2021-2793-1		IS + Cal. 6
D	IS + Cal. 4	P2021-1506-1	P2021-2721-1	P2021-2794-1		IS + Cal. 5
E	IS + Cal. 5	P2021-2222-1	P20201-2722-1	P2021-2795-1		IS + Cal. 4
F	IS + Cal. 6	P2021-2296-1	P2021-2761-1	P2021-2796-1		IS + Cal. 3
G	IS + Cal. 7	P2021-2417-1	P2021-2783-1	P2021-2808-1		IS + Cal. 2
H	IS + QC_1	P2021-2578-1	P2021-2790-1	P2021-2827-1		IS + Cal. 1

All wells to contain 100  $\mu$ l of residual DMSO

TS

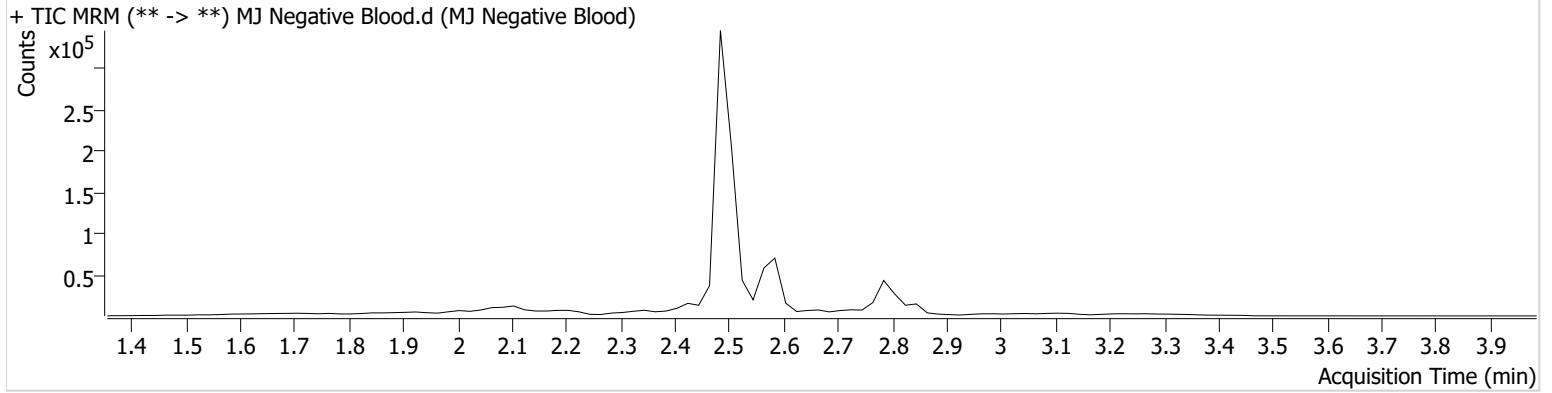


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2021\AM 25-26\090321 AM 26 TS\QuantResults\AM 26 TS.batch.bin  
**Calibration Last Update** 9/8/2021 7:56:11 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 THCS.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P1-A2	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	9/3/2021 4:11:13 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



TS

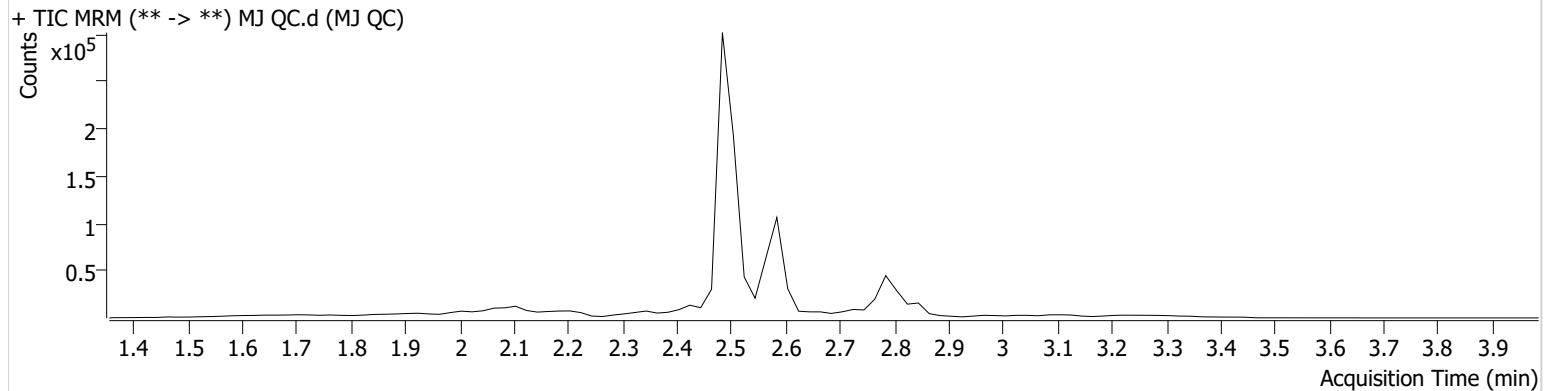


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2021\AM 25-26\090321 AM 26 TS\QuantResults\AM 26 TS.batch.bin  
**Calibration Last Update** 9/8/2021 7:56:11 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	MJ QC.d
<b>Type</b>	QC	<b>Sample</b>	MJ QC
<b>Acq. Method</b>	AM 26 THCS.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>	9/3/2021 4:04:39 PM		

### Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.859	962	23197	4.6279 ng/ml
THC-COOH	2.587	26027	127343	13.7886 ng/ml
THC-OH	2.494	5201	620665	5.2858 ng/ml



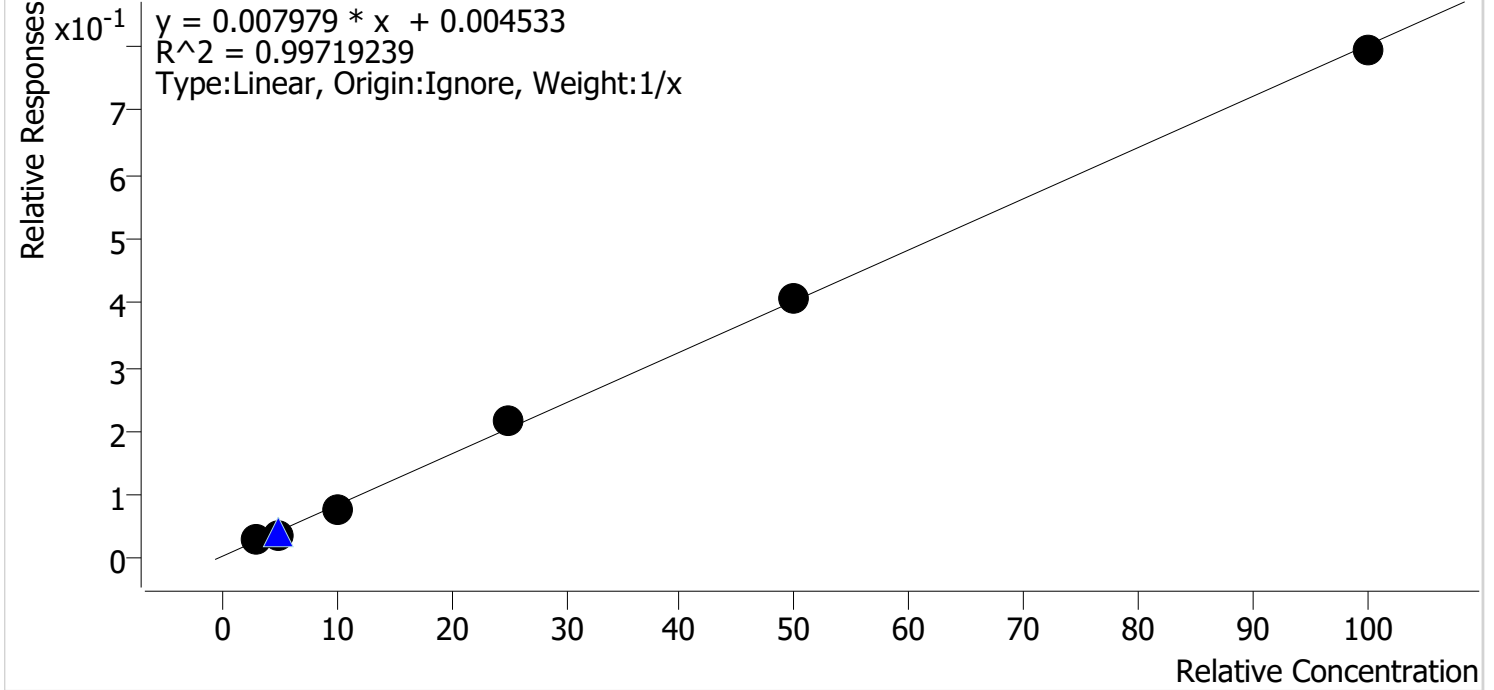


TS

# AM #26 Cannabinoids Screen Calibration Curve Report

**Batch results** D:\MassHunter\Data\2021\AM 25-26\090321 AM 26 TS\QuantResults\AM 26 TS.batch.bin  
**Last Cal. Update** 9/8/2021 7:56 AM  
**Analyst Name** ISP\datastor  
**Analyte** THC **Internal Standard** THC-D3

THC - 6 Levels, 6 Levels Used, 6 Points, 6 Points Used, 1 QCs



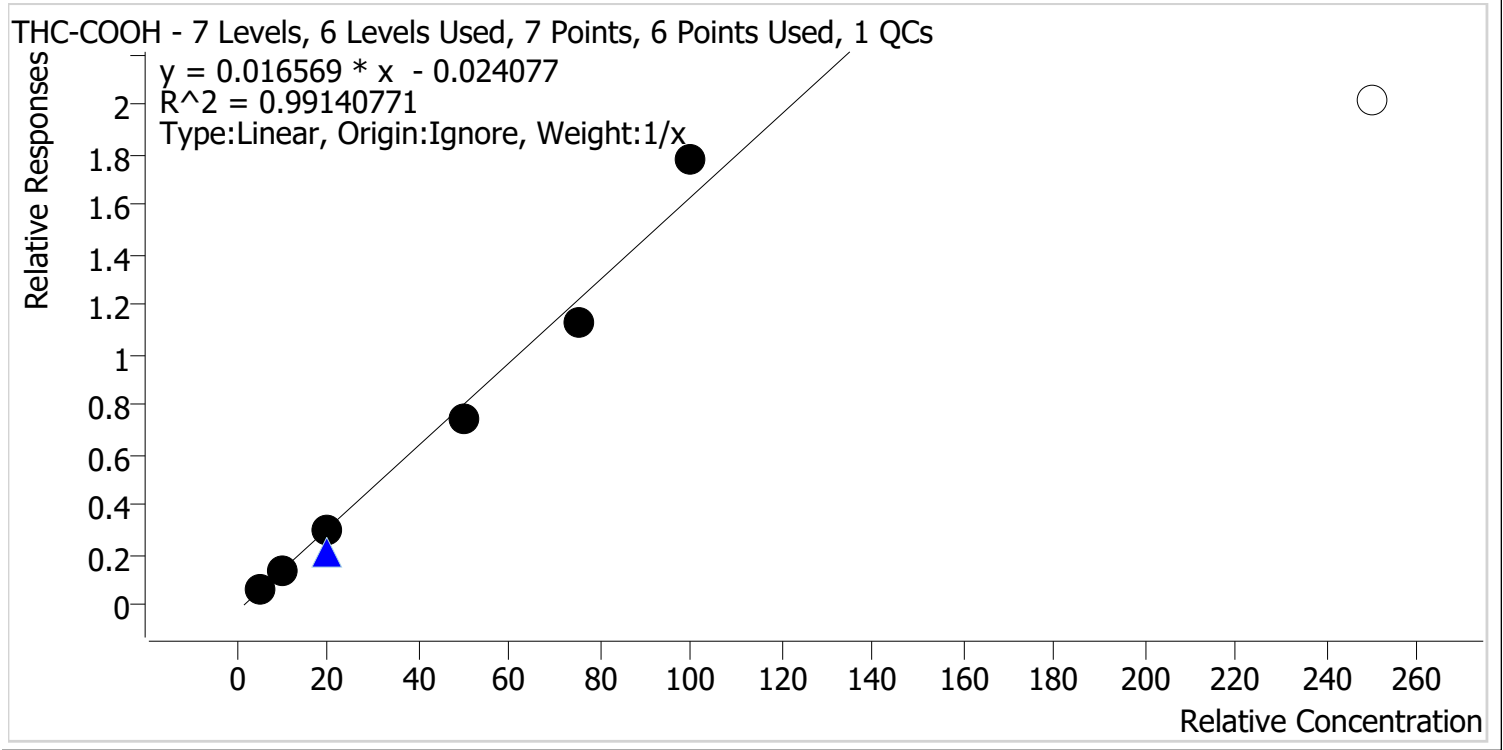
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 2	2	✓	3.0	3.5	116.4
MJ Cal 3	3	✓	5.0	4.3	85.2
MJ Cal 4	4	✓	10.0	9.2	91.6
MJ Cal 5	5	✓	25.0	26.7	107.0
MJ Cal 6	6	✓	50.0	50.5	100.9
MJ Cal 7	7	✓	100.0	98.9	98.9

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**Last Cal. Update** 9/8/2021 7:56 AM  
**Analyst Name** ISP\datastor  
**Analyte** THC-COOH **Internal Standard** THC-COOH-D9



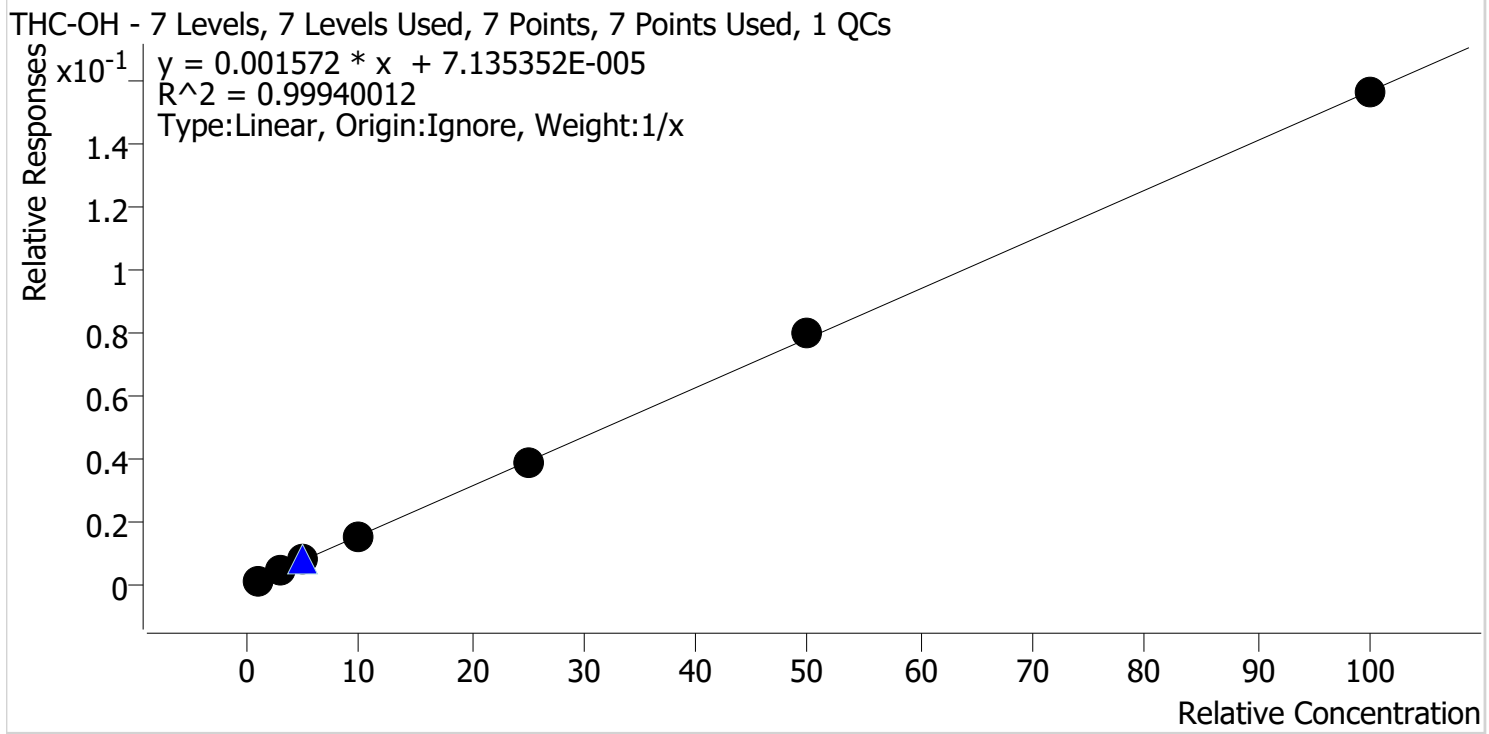
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	5.4	108.0
MJ Cal 2	2	✓	10.0	10.0	99.7
MJ Cal 3	3	✓	20.0	19.5	97.4
MJ Cal 4	4	✓	50.0	46.5	93.0
MJ Cal 5	5	✓	75.0	69.7	92.9
MJ Cal 6	6	✓	100.0	108.9	108.9
MJ Cal 7	7	x	250.0	123.2	49.3



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Batch results D:\MassHunter\Data\2021\AM 25-26\090321 AM 26 TS\QuantResults\AM 26 TS.batch.bin  
 Last Cal. Update 9/8/2021 7:56 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	0.9	88.1
MJ Cal 2	2	✓	3.0	3.3	110.8
MJ Cal 3	3	✓	5.0	5.3	105.7
MJ Cal 4	4	✓	10.0	9.6	96.3
MJ Cal 5	5	✓	25.0	24.5	98.0
MJ Cal 6	6	✓	50.0	50.7	101.4
MJ Cal 7	7	✓	100.0	99.7	99.7

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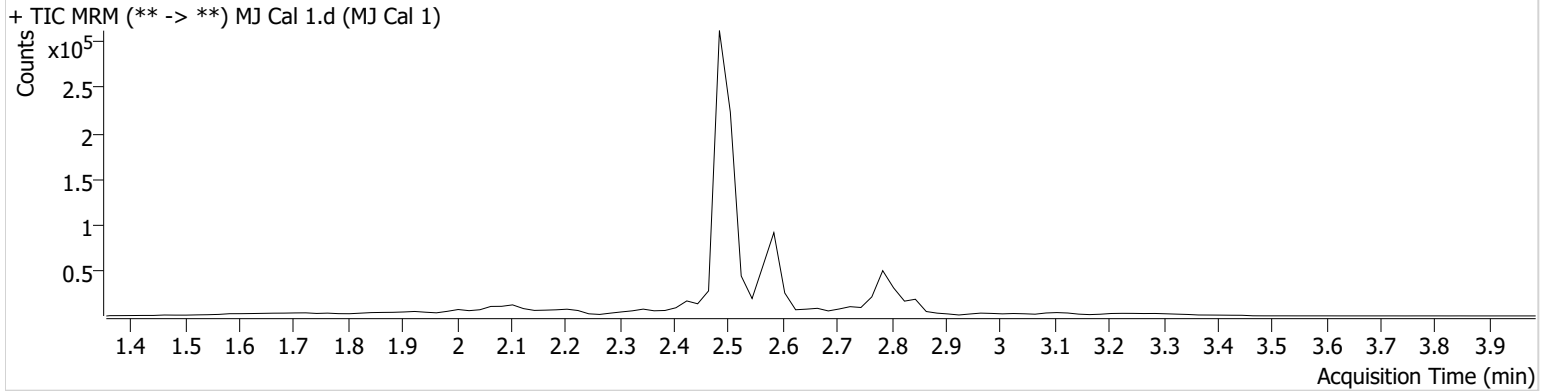


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2021\AM 25-26\090321 AM 26 TS\QuantResults\AM 26 TS.batch.bin  
**Calibration Last Update** 9/8/2021 7:56:11 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 THCS.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>	9/3/2021 2:55:53 PM		

### Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC-COOH	2.587	8872	135688	5.3993 ng/ml
THC-OH	2.494	1006	690747	0.8811 ng/ml <b>Low</b>

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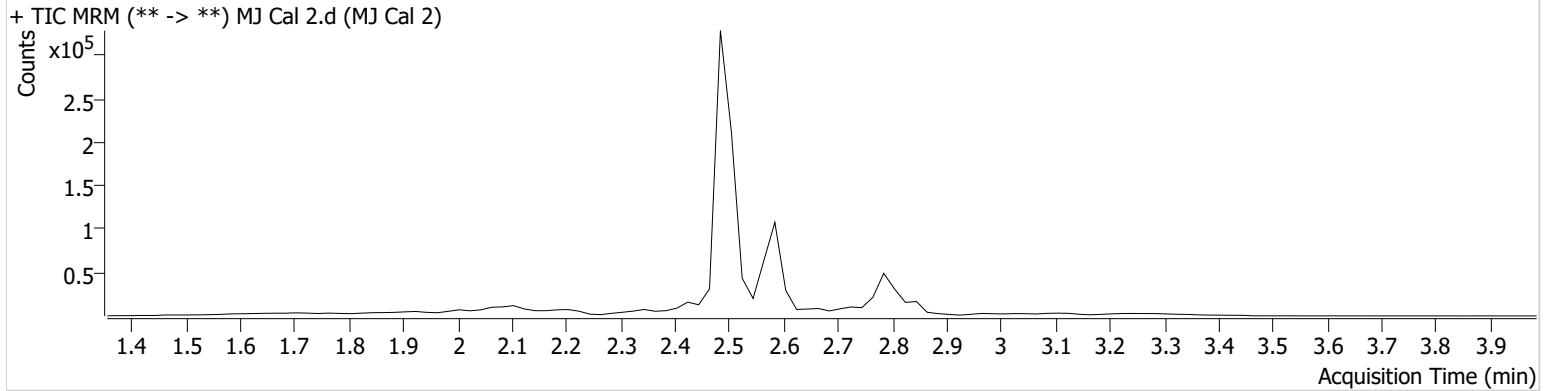


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2021\AM 25-26\090321 AM 26 TS\QuantResults\AM 26 TS.batch.bin  
**Calibration Last Update** 9/8/2021 7:56:11 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 THCS.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>	9/3/2021 3:02:26 PM		

### Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.859	796	24567	3.4929 ng/ml
THC-COOH	2.587	20327	143985	9.9739 ng/ml
THC-OH	2.494	3653	689894	3.3231 ng/ml

# AM #26 Cannabinoids Screen Results

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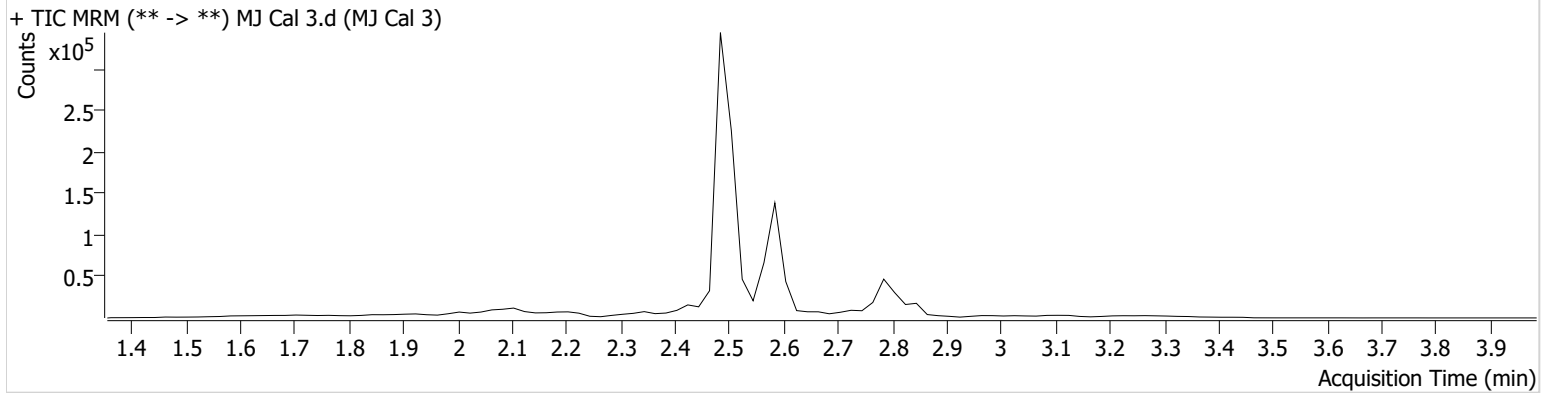


**Batch results** D:\MassHunter\Data\2021\AM 25-26\090321 AM 26 TS\QuantResults\AM 26 TS.batch.bin  
**Calibration Last Update** 9/8/2021 7:56:11 AM

<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 THCS.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>	9/3/2021 3:08:59 PM		

**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.859	985	25580	4.2585 ng/ml
THC-COOH	2.587	43023	144088	19.4743 ng/ml
THC-OH	2.494	5974	712708	5.2867 ng/ml

TS

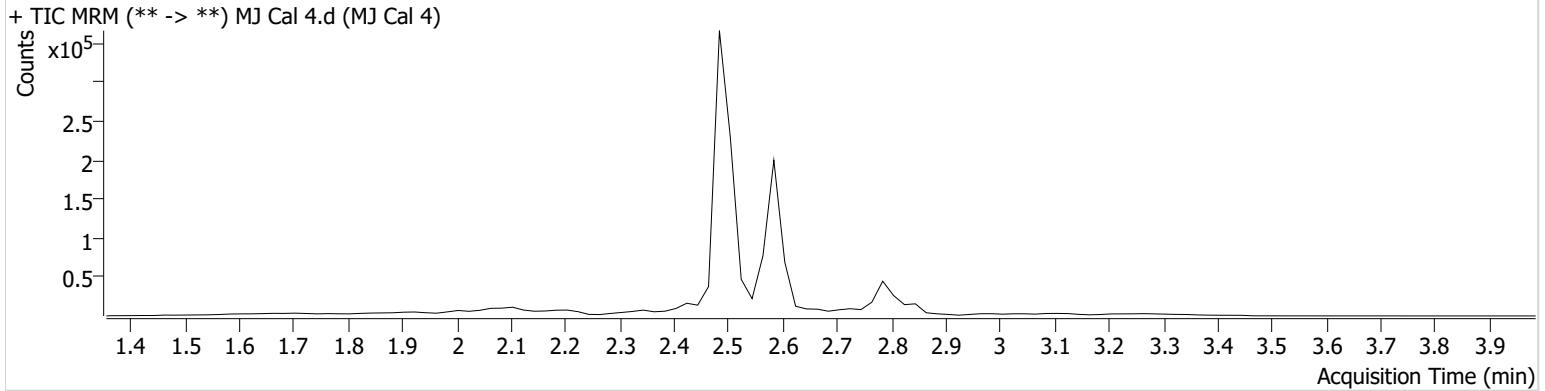


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2021\AM 25-26\090321 AM 26 TS\QuantResults\AM 26 TS.batch.bin  
**Calibration Last Update** 9/8/2021 7:56:11 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 THCS.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>	9/3/2021 3:15:32 PM		

**Sample Chromatogram**



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.859	1765	22733	9.1628 ng/ml
THC-COOH	2.587	99313	133015	46.5154 ng/ml
THC-OH	2.494	10910	716982	9.6347 ng/ml

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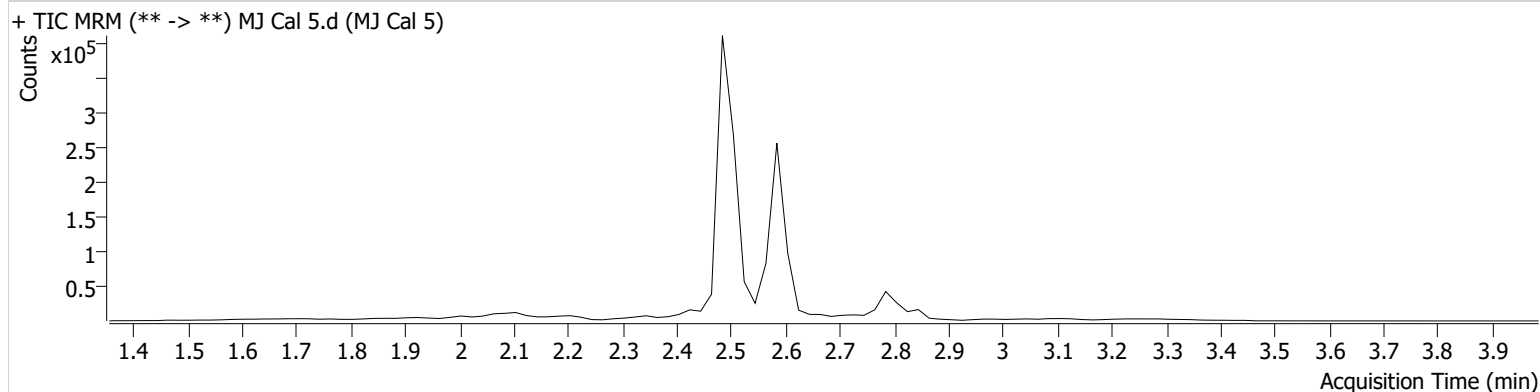
# AM #26 Cannabinoids Screen Results



**Batch results** D:\MassHunter\Data\2021\AM 25-26\090321 AM 26 TS\QuantResults\AM 26 TS.batch.bin  
**Calibration Last Update** 9/8/2021 7:56:11 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 THCS.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>	9/3/2021 3:22:06 PM		

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.859	4490	20601	26.7447 ng/ml
THC-COOH	2.587	146013	129116	69.7055 ng/ml
THC-OH	2.494	26927	698048	24.4947 ng/ml



TS

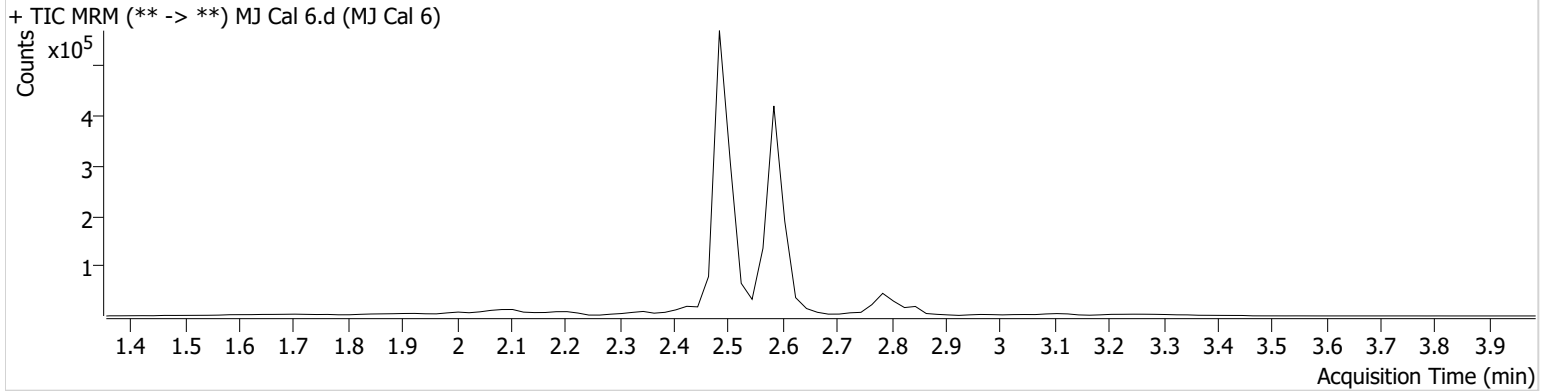


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2021\AM 25-26\090321 AM 26 TS\QuantResults\AM 26 TS.batch.bin  
**Calibration Last Update** 9/8/2021 7:56:11 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 THCS.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>	9/3/2021 3:51:29 PM		

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.859	9743	23932	50.4528 ng/ml
THC-COOH	2.587	284738	159894	108.9316 ng/ml
THC-OH	2.494	58421	732640	50.6825 ng/ml

TS



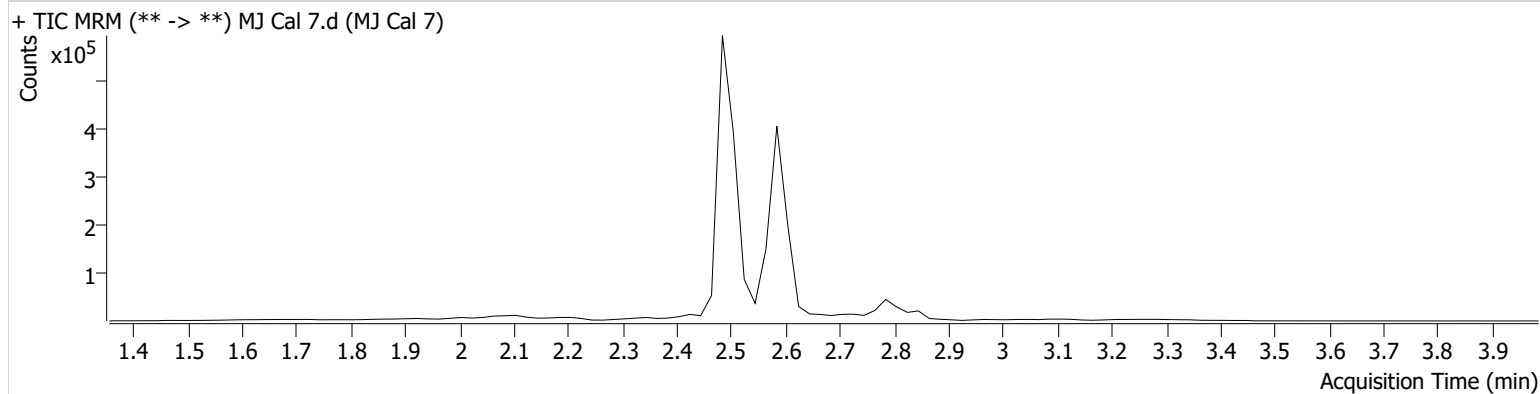
# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2021\AM 25-26\090321 AM 26 TS\QuantResults\AM 26 TS.batch.bin  
**Calibration Last Update** 9/8/2021 7:56:11 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 THCS.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>	9/3/2021 3:58:06 PM		

**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.859	15933	20077	98.8883 ng/ml
THC-COOH	2.607	219648	108925	123.1572 ng/ml
THC-OH	2.494	96585	616023	99.6972 ng/ml