






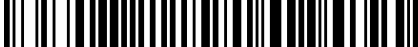


Worklist: 6211

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2022-2873	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-5034	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-5081	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-5164	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-5245	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-5246	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-5309	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-5337	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-5395	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2022-5395	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-2236	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3744	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3751	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3756	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3855	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3856	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3883	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3884	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3885	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3900	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3918	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

Worklist: 6211

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<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2022-3928	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3929	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3930	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2022-3931	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0027	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0029	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0032	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2023-0033	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

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

Extraction Date: 1/9/2023

Analyst: Amber Gerheart

Plate lot#: 220805

Plate Retest Date: 2/5/2023

Mobile phase A: 10mM Amm Form

Mobile phase B: 0.1% Formic Acid in MeOH

Blank Blood Lot: Lampire 22B52015-2

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 and urine** (if applicable) into 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: 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).
- 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 + QC_1	M2022-5246-1	P2022-3756-1	P2022-3928-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
B	IS + QC_1	M2022-5309-1	P2022-3855-1	P2022-3929-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
C	Blood Negative	M2022-5337-1	P2022-3856-1	P2022-3930-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
D	C2022-2873-1	M2022-5395-2	P2022-3883-1	P2022-3931-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
E	M2022-5034-2	M2022-5395-3	P2022-3884-1	P2023-0027-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
F	M2022-5081-1	P2022-2236-1	P2022-3885-1	P2023-0029-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
G	M2022-5164-1	P2022-3744-1	P2022-3900-1	P2023-0032-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_1
H	M2022-5245-1	P2022-3751-1	P2022-3918-1	P2023-0033-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_1

All wells to contain 60 µl of residual DMSO

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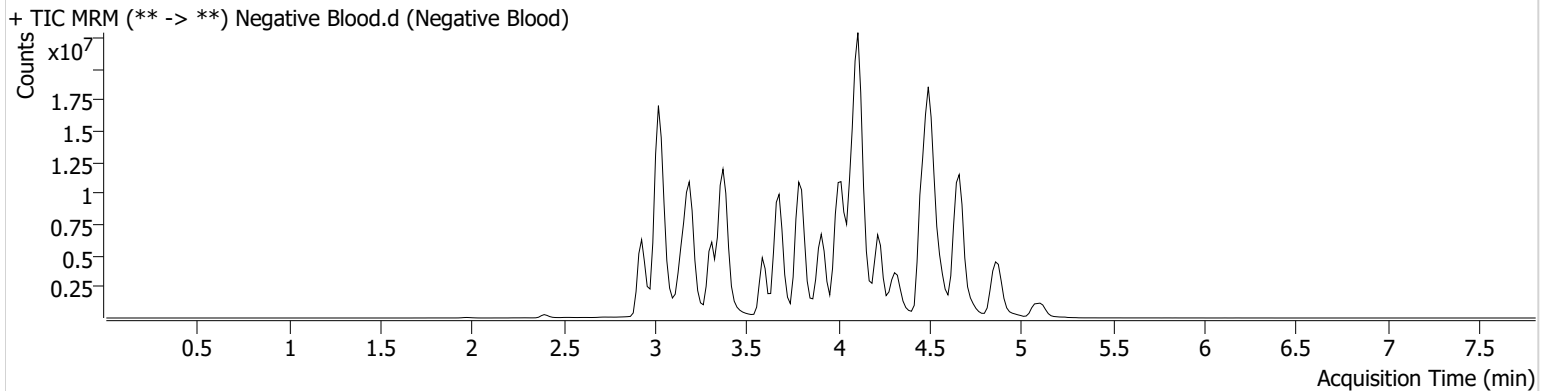


AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 25.batch.bin
Calibration Last Update 1/19/2023 2:56:45 PM

Instrument	Falco (069901)	Data File	Negative Blood.d
Type	Sample	Sample	Negative Blood
Acq. Method	AM 25 MDS.m	Operator	Amber Gerheart
Sample Position	P2-C1	Comment	
Injection Volume	5		
Acq. Date-Time	1/9/2023 5:58:10 PM		
Sample Info.			

Sample Chromatogram



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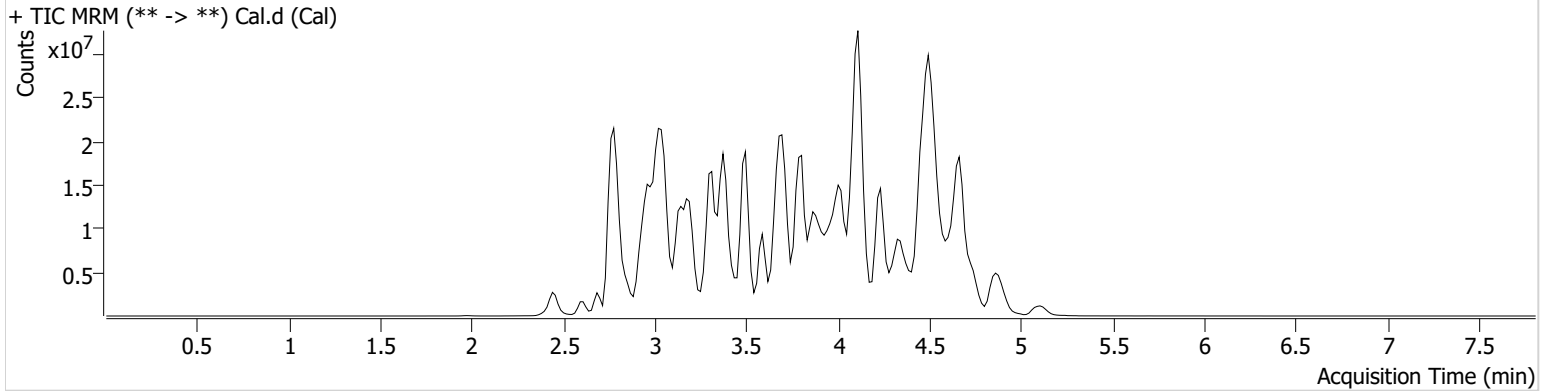


AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 25.batch.bin
Calibration Last Update 1/19/2023 2:56:45 PM

Instrument	Falco (069901)	Data File	Cal.d
Type	Cal	Sample	Cal
Acq. Method	AM 25 MDS.m	Operator	Amber Gerheart
Sample Position	P2-B1	Comment	
Injection Volume	5		
Acq. Date-Time	1/9/2023 5:49:34 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
10-OH-Carbamazepine	3.793	7641766	243.42	1014.39	38222490	10.0000
6-MAM	3.048	101757	284.36	27769.11	2334991	10.0000
7-aminoclonazepam	3.605	2167636	9635.89	651.35	12754057	10.0000
7-aminoflunitrazepam	3.805	5182889	3333.90	714.48	12754057	10.0000
9-Hydroxyrisperidone	4.028	9917974	7659790.37	55170.77	40494553	10.0000
Acetyl Fentanyl	4.095	302560	46.69	69220.45	41574970	10.0000
Acetyl Norfentanyl	2.950	794803	6074.85	479.69	41574970	10.0000
a-hydroxyalprazolam	4.510	799079	652.63	162.88	12754057	10.0000
alpha-hydroxymidazolam	4.600	5229559	470.84	634759.77	12754057	10.0000
Alpha-PHP	3.963	3819009	20196.41	1413.86	41574970	10.0000
alpha-PVP	3.687	5683170	749.65	343.69	17491177	10.0000
Alprazolam	4.620	6735282	1317.52	270.78	38518827	10.0000
Amitriptyline	4.516	365320	63.11	53.93	1494447	10.0000
Amphetamine	2.969	6325120	4419.83	916.28	17491177	10.0000
Benzoyllecgonine	3.405	603860	5042.51	463.06	793413	10.0000
Brompheniramine	4.111	84694	88.49	33.81	44622395	10.0000
Buprenorphine	5.100	1109474	18386.59	732.58	4225248	10.0000
Bupropion	3.948	4371228	646.10	398.24	18399061	10.0000
Carbamazepine	4.242	18572247	∞	2305.79	921714	10.0000
Carisoprodol	4.240	4120688	495.33	238.48	17088278	10.0000
Chlordiazepoxide	4.745	3950414	261.00	1408.35	38518827	10.0000
Chlorpheniramine	4.007	6054069	34263.68	572.76	44622395	10.0000
Chlorpromazine	4.726	327890	119.31	43.79	1415722	10.0000
Citalopram	4.125	2881735	181.84	336035.33	44622395	10.0000
Clomipramine	4.727	463938	1061.55	239.27	44622395	10.0000
Clonazepam	4.450	3491607	1237.99	7770.84	38518827	10.0000
Clonazolam	4.369	4574807	20569.94	563339.66	38518827	10.0000
Clozapine	4.555	2640575	678.41	367.73	8824168	10.0000
Cocaehtylene	3.879	7555626	4320156.04	2621.06	34848724	10.0000
Cocaine	3.681	7465219	1073.24	205.38	34848724	10.0000
Codeine	2.991	826146	183489.20	1515.73	16788317	10.0000
Cyclobenzaprine	4.424	996842	180.44	∞	1494447	10.0000
Desipramine	4.410	1214767	288.08	62.92	1494447	10.0000
Dextromethorphan	4.131	1505257	3054.28	192.61	6609932	10.0000

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AM #25 Multi-Drug Screen Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Dextrophan	3.439	5063279	1637.92	465.15	6609932	10.0000
Diazepam	4.853	3030095	462.73	517.96	38518827	10.0000
Dihydrocodeine	2.853	2572920	3069.92	3084.98	16788317	10.0000
Diphenhydramine	4.102	8544991	930.57	1038.16	44622395	10.0000
DMT	3.043	925723	1776.00	2390.85	6609932	10.0000
Doxepin	4.238	889407	129.03	20.00	12525420	10.0000
Doxylamine	3.714	19150582	7827.12	11589.38	6609932	10.0000
Duloxetine	4.360	9883	4556.36	953.86	132809	10.0000
EDDP	4.115	2816120	684.05	176.57	4632955	10.0000
Estazolam	4.529	11749925	1179.29	1231.00	38518827	10.0000
Etizolam	4.631	739233	449287.35	694844.73	38518827	10.0000
Fentanyl	4.324	165394	30.76	268.24	8739898	10.0000
Flualprazolam	4.478	2274317	1844039.35	72858.05	38518827	10.0000
Flunitrazepam	4.558	6837704	908.49	2891410.82	38518827	10.0000
Fluorofentanyl	4.384	210448	38.35	57.36	8739898	10.0000
Fluoxetine	4.359	477017	198.81	16.75	569821	10.0000
Flurazepam	4.383	4027628	985829.28	467734.96	38518827	10.0000
Hydrocodone	3.189	3232053	3380.78	684.81	16788317	10.0000
Hydromorphone	2.611	2815298	36536.81	100038.85	760551	10.0000
Hydroxyzine	4.675	1480076	243.51	300.89	44622395	10.0000
Imipramine	4.469	1740436	5688.48	504.87	1494447	10.0000
Ketamine	3.856	7575138	2776.03	297.22	26127275	10.0000
Lamotrigine	3.669	501406	546.67	1312.17	44622395	10.0000
Levamisole	3.135	4728678	251.39	257.15	34848724	10.0000
Levetiracetam	2.692	2758056	1243.96	2419.45	44622395	10.0000
Lorazepam	4.434	1383263	314.16	174.22	38518827	10.0000
Maprotiline	4.517	204710	23.25	162.90	1494447	10.0000
MDA	3.059	5802842	561.20	283.96	33362645	10.0000
MDEA	3.288	8215217	489.64	273.28	33362645	10.0000
MDMA	3.135	11049733	15771.27	321.39	33362645	10.0000
Meperidine	3.701	3922507	357.74	343.07	6609932	10.0000
Meprobamate	3.688	2222707	298.60	439.32	17088278	10.0000
Methadone	4.435	4770209	399.96	265.80	4632955	10.0000
Methamphetamine	3.060	10870318	26565.10	216.42	33362645	10.0000
Methocarbamol	3.594	647573	173.91	326.77	4632955	10.0000
Methylphenidate	3.594	8732830	2148.68	252.31	28447483	10.0000
Metoprolol	3.483	1613192	292.55	866.80	6609932	10.0000
Midazolam	4.771	1100876	517.08	941.71	38518827	10.0000
Mirtazapine	4.318	3807222	743.72	45398.19	6609932	10.0000
Mitragynine	4.367	426968	146707.21	497307.25	6609932	10.0000
Morphine	2.429	707969	3403.42	2330.27	760551	10.0000
Norbuprenorphine	3.890	94853	95133.92	60572.74	4225248	10.0000
Nordiazepam	4.701	3259788	511.29	5850.60	38518827	10.0000
Norfentanyl	3.379	14446605	21691.29	1628.47	41574970	10.0000
Norhydrocodone	2.992	230436	55.80	87.33	760551	10.0000
Norketamine	3.965	1814734	434.64	6590.31	26127275	10.0000
Normeperidine	3.656	3010523	287.36	539.35	44622395	10.0000
Noroxycodone	2.944	4202963	345.41	152.49	26127275	10.0000
Nortriptyline	4.456	317245	29417.64	45.84	1494447	10.0000
O-desmethyl-tramadol	2.979	18457433	177498.28	711.34	44622395	10.0000
O-desmethylvenlafaxine	3.314	3968323	1649.14	39298.82	17927238	10.0000
Olanzapine	4.019	232823	78923.79	213.59	921714	10.0000
Oxazepam	4.515	6567263	578.22	263.41	26934771	10.0000
Oxycodone	3.034	6640924	405.27	4890.65	26127275	10.0000
Oxymorphone	2.441	5741077	∞	1410.27	760551	10.0000
Paroxetine	4.371	69457	248.14	21.78	569821	10.0000
Phenazepam	4.646	4657766	1259.96	1351.93	38518827	10.0000
Phencyclidine	3.978	7049694	585.39	549.01	6609932	10.0000
Phentermine	3.214	2794963	1008.77	17.36	28447483	10.0000
Phenytion	4.133	1500402	428.60	2140.20	921714	10.0000

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AM #25 Multi-Drug Screen Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Primidone	3.503	3591995	3088065.92	440.86	921714	10.0000
Promethazine	4.469	1862321	104.67	120.83	44622395	10.0000
Pseudoephedrine	2.784	66515531	1198.11	26830.78	33362645	10.0000
Quetiapine	4.721	3827321	222.91	10021.88	53867879	10.0000
Risperidone	4.244	5734197	5443.92	1588.09	40494553	10.0000
Sertraline	4.605	137917	57067.23	73.31	569821	10.0000
Sufentanil	4.766	104280	1538.27	41.76	41574970	10.0000
Tapentadol	3.503	11279711	986.15	3828.59	26127275	10.0000
Temazepam	4.668	10135816	346.10	466.98	38518827	10.0000
Topiramate	3.877	224684	249643.40	38.79	935349	10.0000
Tramadol	3.499	31611746	∞	239.24	44622395	10.0000
Trazodone	4.889	3484082	1375830.26	1280088.98	12525420	10.0000
Venlafaxine	3.868	12381751	55530.18	282.05	569821	10.0000
Zaleplon	4.344	6925863	3527.02	986.05	53867879	10.0000
Zolpidem	4.482	20451112	15723485.16	4699.73	53867879	10.0000
Zopiclone	4.429	144795	63763.13	35363.84	590826	10.0000

AG

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

Extraction Date: 1/9/2023

Plate lot#: 220802

Mobile phase A: 10mM Amm Form

Blank Blood Lot: Lampire 22B52015-2

LCMS-QQQ ID: 069901

Analyst: Amber Gerheart

Plate Retest Date: 2/2/2023

Mobile phase B: 0.1% Formic Acid in MeOH

Blank Urine Lot: N/A

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, add **1000µl blood and urine (if applicable) (calibrated pipette)** into the appropriate wells of analytical (standards) plate. **Pipette ID: 16**
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Pipette **500µL 0.1% formic acid in water blood sample, 500 µL saturated phosphate buffer in urine** in wells of 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: 800µL
- 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, 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:

Curve Range THC 1-50 ng/mL

THC Cal ~~8~~ dropped due to accuracy

7 ~~11~~ 1/20/2023

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	1	2	3	4	5	6
A	IS + Cal. 1	IS + QC_END	M2022-5309-1	P2022-3855-1	P2022-3929-1	IS + QC_1
B	IS + Cal. 2	Blood Negative	M2022-5337-1	P2022-3856-1	P2022-3930-1	IS + Cal. 7
C	IS + Cal. 3	C2022-2873-1	M2022-5395-2	P2022-3883-1	P2022-3931-1	IS + Cal. 6
D	IS + Cal. 4	M2022-5034-2	M2022-5395-3	P2022-3884-1	P2023-0027-1	IS + Cal. 5
E	IS + Cal. 5	M2022-5081-1	P2022-2236-1	P2022-3885-1	P2023-0029-1	IS + Cal. 4
F	IS + Cal. 6	M2022-5164-1	P2022-3744-1	P2022-3900-1	P2023-0032-1	IS + Cal. 3
G	IS + Cal. 7	M2022-5245-1	P2022-3751-1	P2022-3918-1	P2023-0033-1	IS + Cal. 2
H	IS + QC_1	M2022-5246-1	P2022-3756-1	P2022-3928-1	IS + QC_1	IS + Cal. 1

All wells to contain 100 µl of residual DMSO

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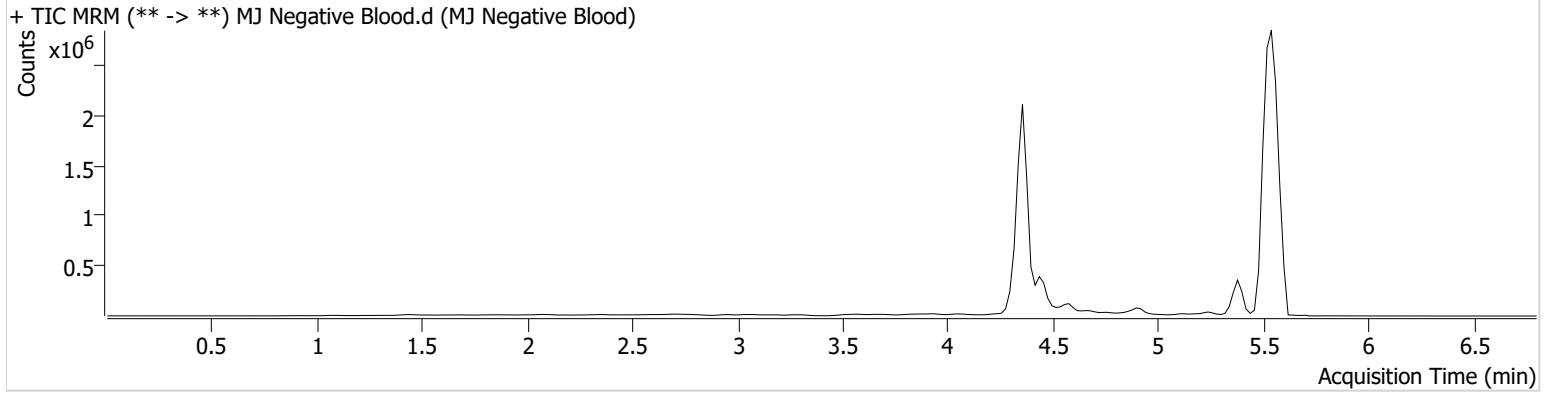


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 26.batch.bin
Calibration Last Update 1/19/2023 2:51:56 PM

Instrument	Falco (069901)	Data File	MJ Negative Blood.d
Type	Sample	Sample	MJ Negative Blood
Acq. Method	AM 26 THC.m	Operator	Amber Gerheart
Sample Position	P1-B2	Comment	
Injection Volume	10		
Acq. Date-Time	1/10/2023 12:06:46 AM		
Sample Info.			

Sample Chromatogram



AG

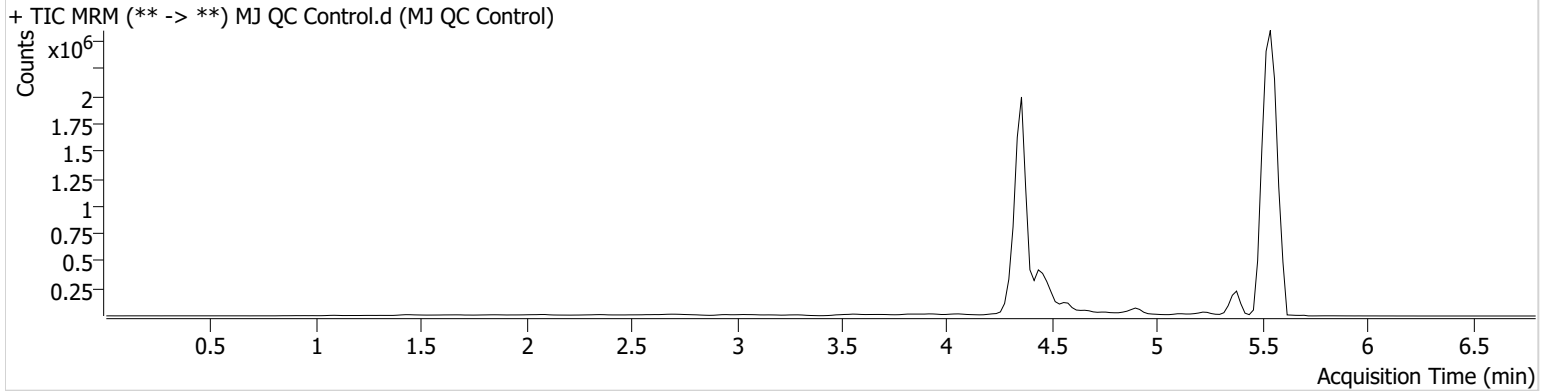


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 26.batch.bin
Calibration Last Update 1/19/2023 2:51:56 PM

Instrument	Falco (069901)	Data File	MJ QC Control.d
Type	QC	Sample	MJ QC Control
Acq. Method	AM 26 THC.m	Operator	Amber Gerheart
Sample Position	P1-H1	Comment	
Injection Volume	10		
Acq. Date-Time	1/9/2023 11:51:34 PM		

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.570	9140	234849	5.0597 ng/ml
THC-COOH	4.476	264261	1310934	12.5096 ng/ml
THC-OH	4.362	64682	6811242	4.5587 ng/ml

AG

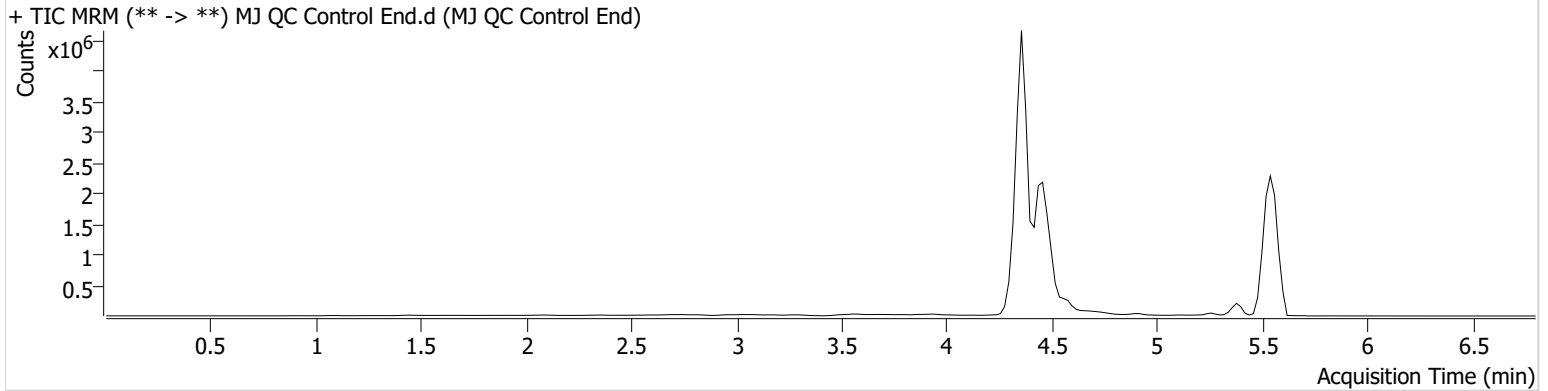


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 26.batch.bin
Calibration Last Update 1/19/2023 2:51:56 PM

Instrument	Falco (069901)	Data File	MJ QC Control End.d
Type	QC	Sample	MJ QC Control End
Acq. Method	AM 26 THC.m	Operator	Amber Gerheart
Sample Position	P1-A2	Comment	
Injection Volume	10		
Acq. Date-Time	1/10/2023 3:54:15 AM		

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.509	9177	225893	5.2787 ng/ml
THC-COOH	4.476	1429598	7607786	11.6420 ng/ml
THC-OH	4.362	148990	15609497	4.5814 ng/ml

AG

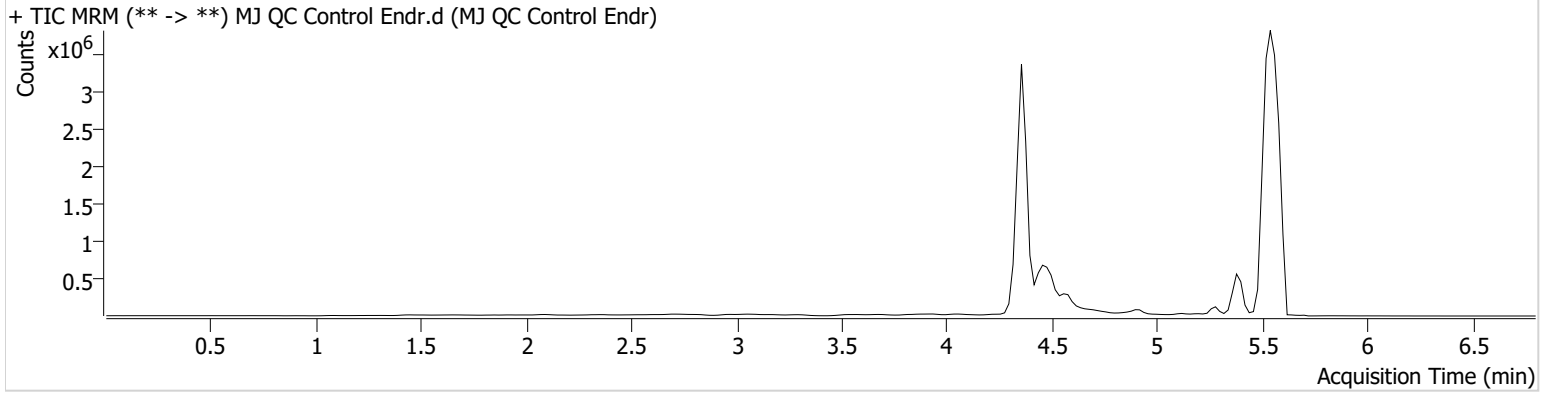


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 26.batch.bin
Calibration Last Update 1/19/2023 2:51:56 PM

Instrument	Falco (069901)	Data File	MJ QC Control Endr.d
Type	QC	Sample	MJ QC Control Endr
Acq. Method	AM 26 THC.m	Operator	Amber Gerheart
Sample Position	P1-A2	Comment	Reinjected to bracket reinjected samples
Injection Volume	10		
Acq. Date-Time	1/10/2023 8:41:52 AM		

Sample Chromatogram



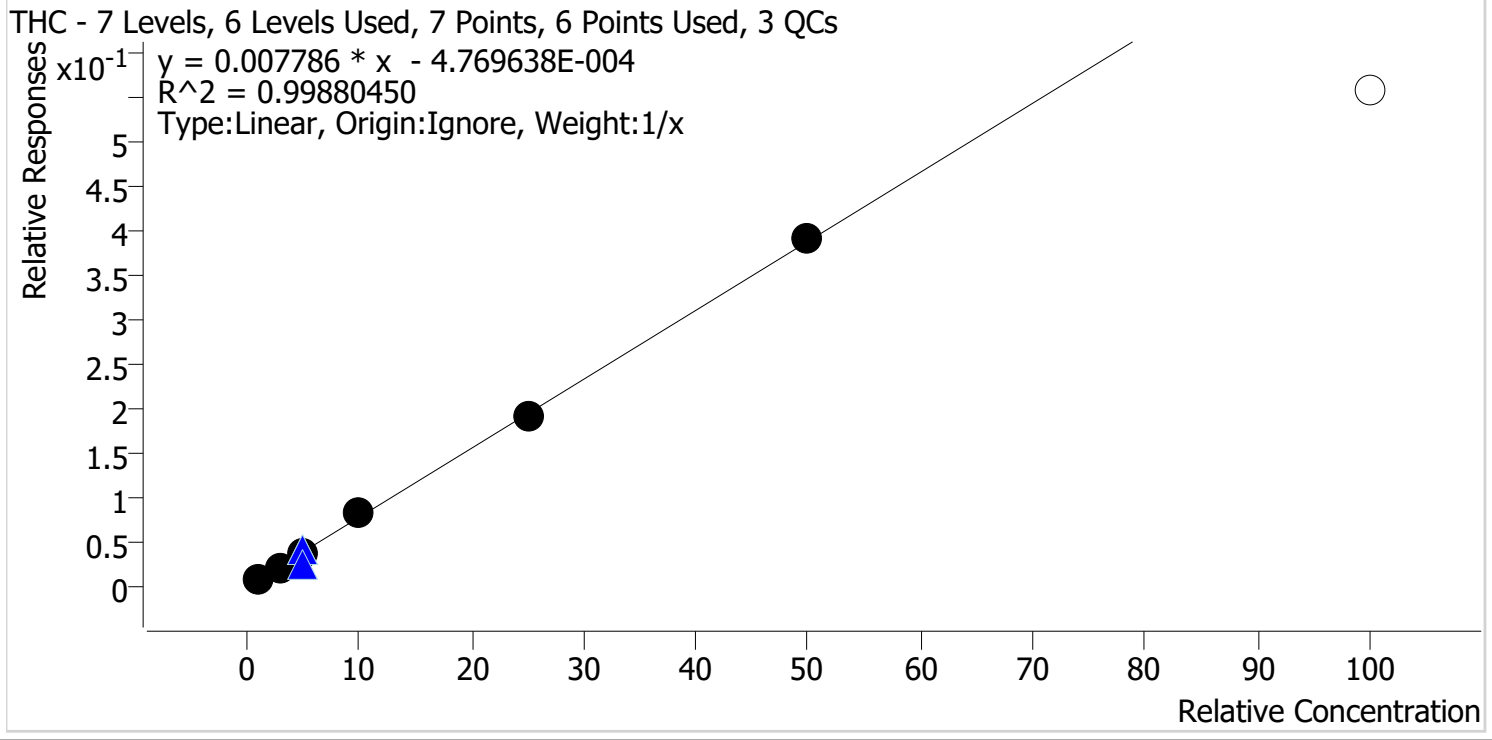
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.509	11126	441180	3.3000 ng/ml
THC-COOH	4.496	531745	2082558	15.9209 ng/ml
THC-OH	4.362	98287	10008506	4.7101 ng/ml

AS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 26.batch.bin
Last Cal. Update 1/19/2023 2:51 PM
Analyst Name ISP\Datastor
Analyte THC **Internal Standard** THC-D3



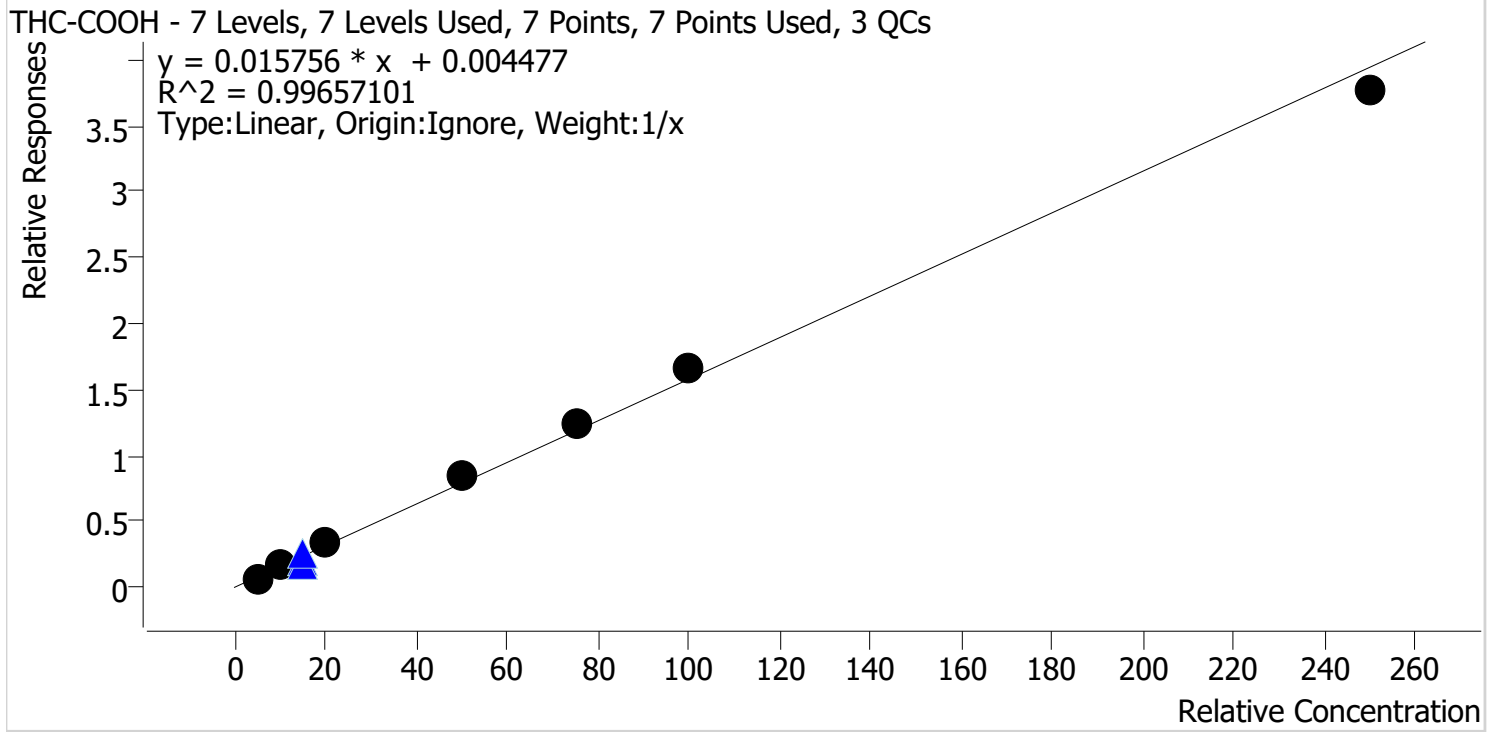
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.1	111.7
MJ Cal 2	2	✓	3.0	2.8	92.0
MJ Cal 3	3	✓	5.0	4.6	92.2
MJ Cal 4	4	✓	10.0	10.4	104.4
MJ Cal 5	5	✓	25.0	24.8	99.1
MJ Cal 6	6	✓	50.0	50.3	100.6
MJ Cal 7r	7	x	100.0	71.8	71.8

AS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 26.batch.bin
Last Cal. Update 1/19/2023 2:51 PM
Analyst Name ISP\Datastor
Analyte THC-COOH **Internal Standard** THC-COOH-D9



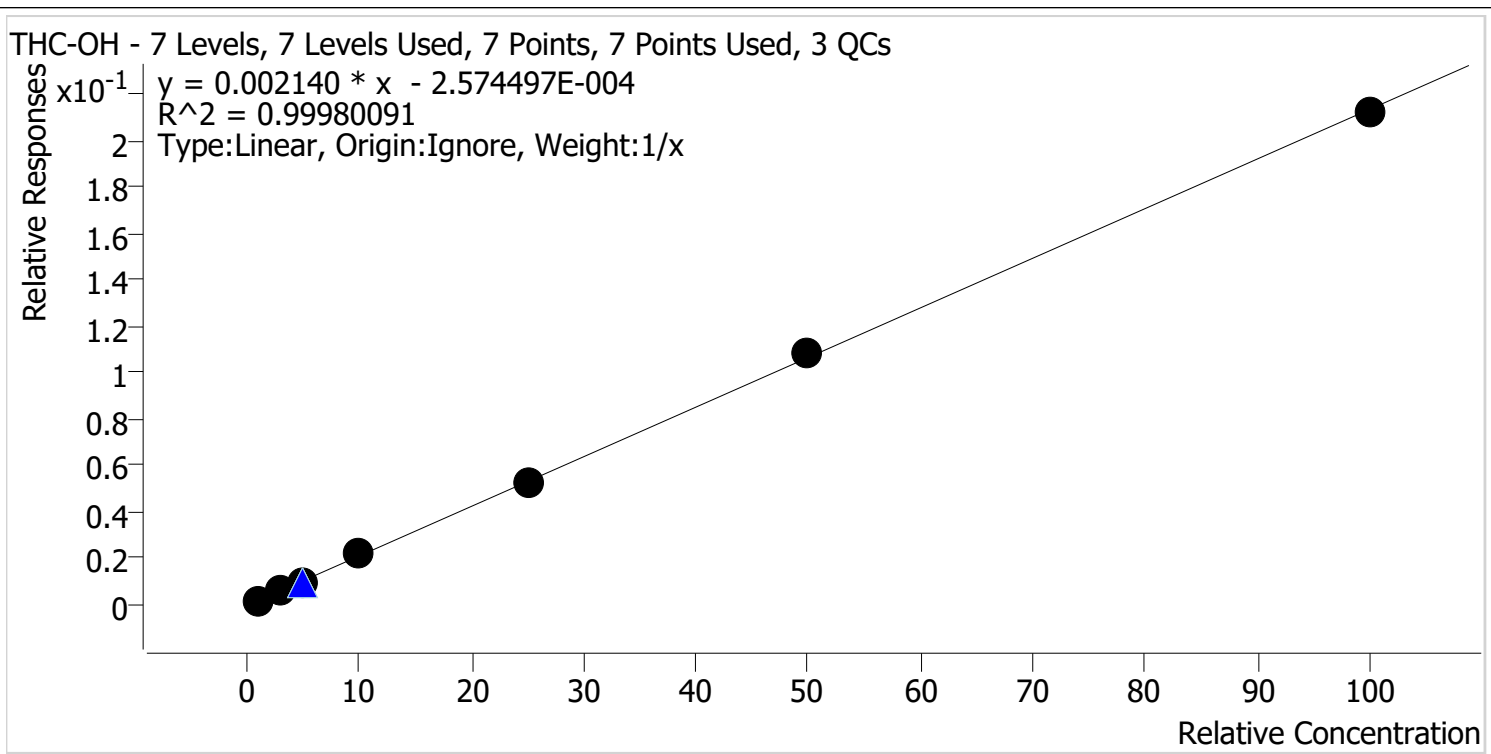
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	4.0	79.3
MJ Cal 2	2	✓	10.0	10.6	105.7
MJ Cal 3	3	✓	20.0	20.9	104.6
MJ Cal 4	4	✓	50.0	52.9	105.9
MJ Cal 5	5	✓	75.0	78.4	104.5
MJ Cal 6	6	✓	100.0	104.5	104.5
MJ Cal 7r	7	✓	250.0	238.7	95.5

AS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 26.batch.bin
Last Cal. Update 1/19/2023 2:51 PM
Analyst Name ISP\Datastor
Analyte THC-OH **Internal Standard** THC-OH-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.0	99.3
MJ Cal 2	2	✓	3.0	3.0	99.4
MJ Cal 3	3	✓	5.0	5.0	99.4
MJ Cal 4	4	✓	10.0	10.2	102.3
MJ Cal 5	5	✓	25.0	24.6	98.5
MJ Cal 6	6	✓	50.0	50.9	101.8
MJ Cal 7r	7	✓	100.0	99.3	99.3

AG



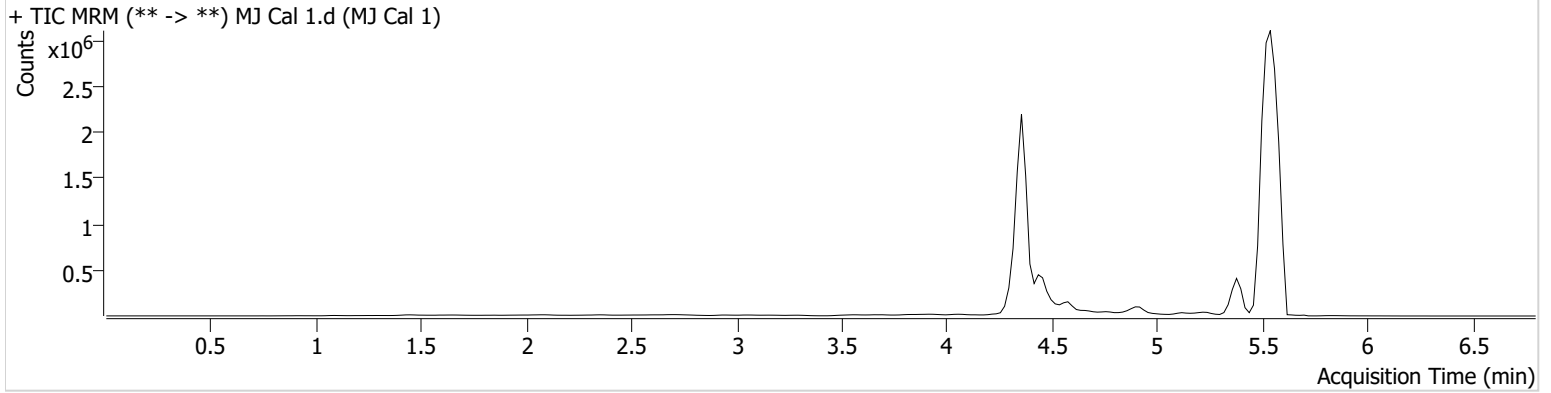
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 26.batch.bin
Calibration Last Update 1/19/2023 2:51:56 PM

Instrument	Falco (069901)	Data File	MJ Cal 1.d
Type	Cal	Sample	MJ Cal 1
Acq. Method	AM 26 THC.m	Operator	Amber Gerheart
Sample Position	P1-A1	Comment	
Injection Volume	10		
Acq. Date-Time	1/9/2023 10:58:16 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.570	3413	415146	1.1172 ng/ml	Low
THC-COOH	4.476	109834	1640957	3.9639 ng/ml	Low
THC-OH	4.362	14804	7925274	0.9934 ng/ml	Low

AG

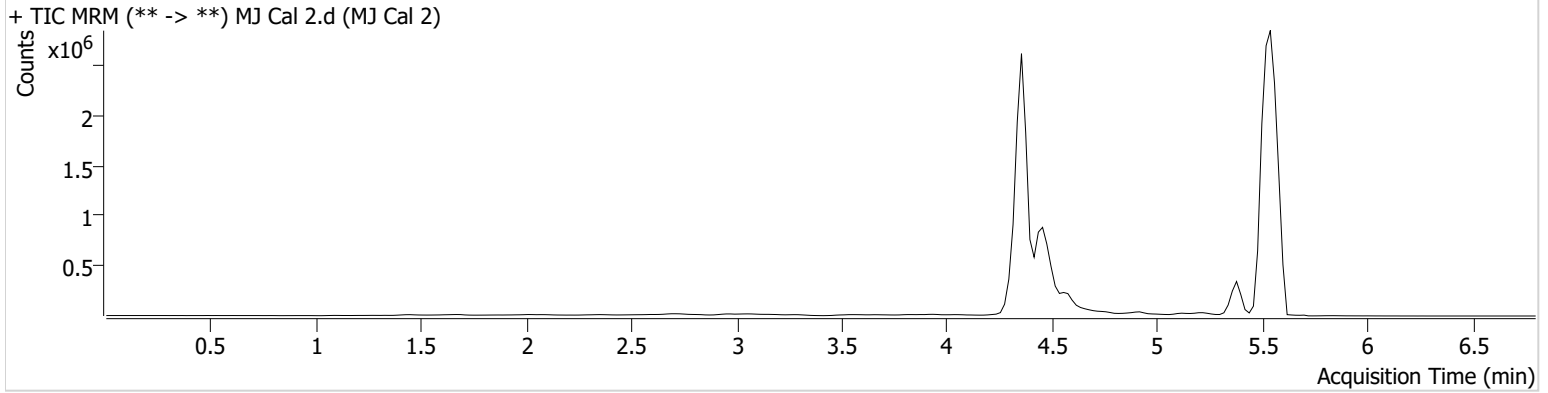


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 26.batch.bin
Calibration Last Update 1/19/2023 2:51:56 PM

Instrument	Falco (069901)	Data File	MJ Cal 2.d
Type	Cal	Sample	MJ Cal 2
Acq. Method	AM 26 THC.m	Operator	Amber Gerheart
Sample Position	P1-B1	Comment	
Injection Volume	10		
Acq. Date-Time	1/9/2023 11:06:00 PM		

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.550	10776	512744	2.7604 ng/ml	Low
THC-COOH	4.476	511196	2989511	10.5684 ng/ml	
THC-OH	4.362	56596	9242436	2.9823 ng/ml	Low

AG

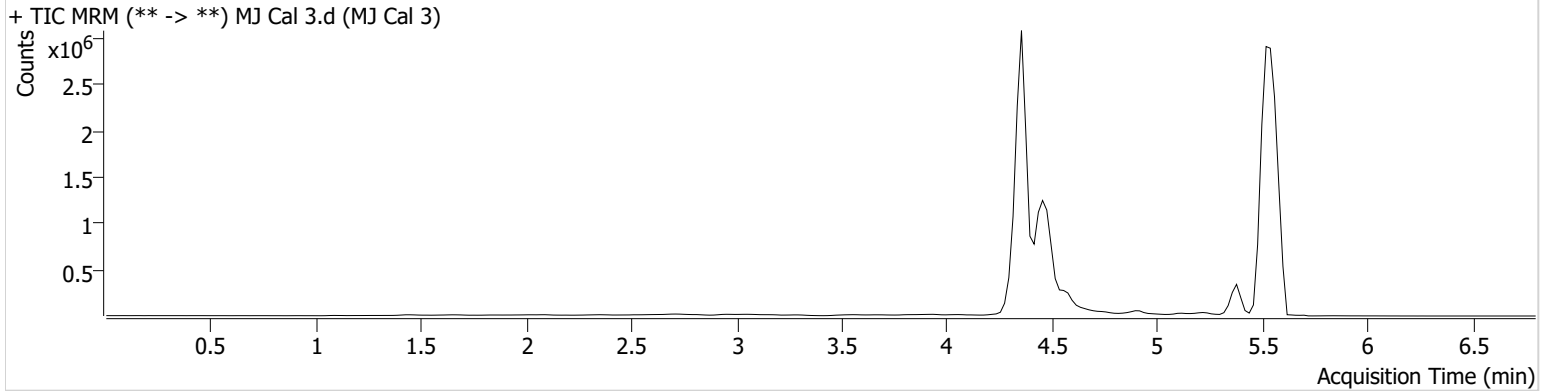


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 26.batch.bin
Calibration Last Update 1/19/2023 2:51:56 PM

Instrument	Falco (069901)	Data File	MJ Cal 3.d
Type	Cal	Sample	MJ Cal 3
Acq. Method	AM 26 THC.m	Operator	Amber Gerheart
Sample Position	P1-C1	Comment	
Injection Volume	10		
Acq. Date-Time	1/9/2023 11:13:36 PM		

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.570	15837	447318	4.6083 ng/ml
THC-COOH	4.476	1138886	3407427	20.9287 ng/ml
THC-OH	4.362	106363	10255149	4.9678 ng/ml

AG

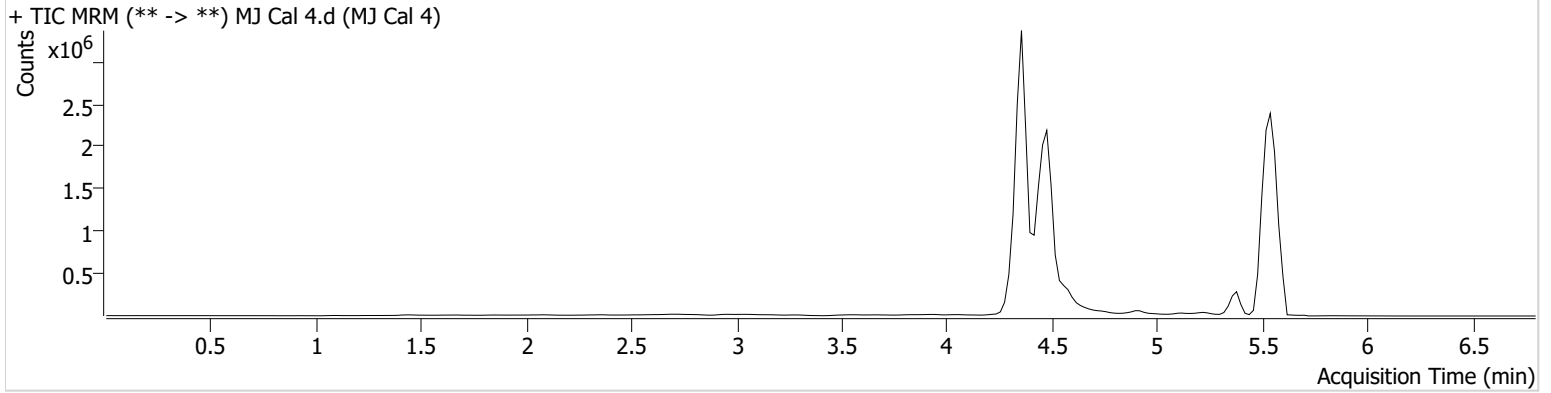


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 26.batch.bin
Calibration Last Update 1/19/2023 2:51:56 PM

Instrument	Falco (069901)	Data File	MJ Cal 4.d
Type	Cal	Sample	MJ Cal 4
Acq. Method	AM 26 THC.m	Operator	Amber Gerheart
Sample Position	P1-D1	Comment	
Injection Volume	10		
Acq. Date-Time	1/9/2023 11:21:12 PM		

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.550	25545	316035	10.4420 ng/ml
THC-COOH	4.476	2832693	3377771	52.9406 ng/ml
THC-OH	4.362	224832	10393632	10.2305 ng/ml

AG

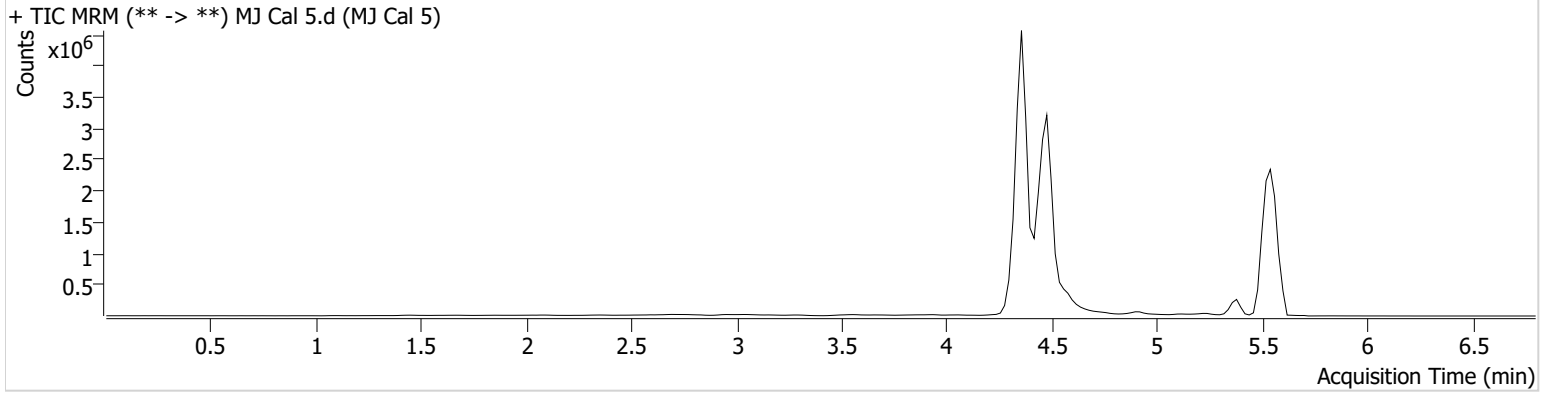


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 26.batch.bin
Calibration Last Update 1/19/2023 2:51:56 PM

Instrument	Falco (069901)	Data File	MJ Cal 5.d
Type	Cal	Sample	MJ Cal 5
Acq. Method	AM 26 THC.m	Operator	Amber Gerheart
Sample Position	P1-E1	Comment	
Injection Volume	10		
Acq. Date-Time	1/9/2023 11:28:48 PM		

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.550	59459	309065	24.7690 ng/ml
THC-COOH	4.476	4400255	3549047	78.4042 ng/ml
THC-OH	4.362	602591	11496406	24.6183 ng/ml

AG

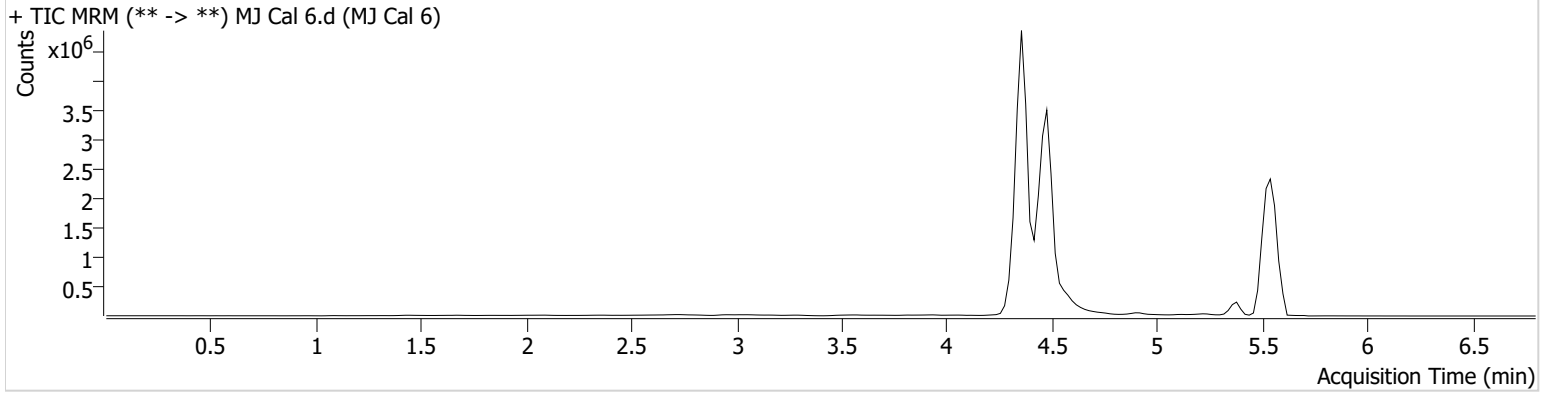


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 26.batch.bin
Calibration Last Update 1/19/2023 2:51:56 PM

Instrument	Falco (069901)	Data File	MJ Cal 6.d
Type	Cal	Sample	MJ Cal 6
Acq. Method	AM 26 THC.m	Operator	Amber Gerheart
Sample Position	P1-F1	Comment	
Injection Volume	10		
Acq. Date-Time	1/9/2023 11:36:24 PM		

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.550	104277	266556	50.3031 ng/ml
THC-COOH	4.476	5003343	3030612	104.4949 ng/ml
THC-OH	4.362	1019754	9384349	50.9082 ng/ml

AG

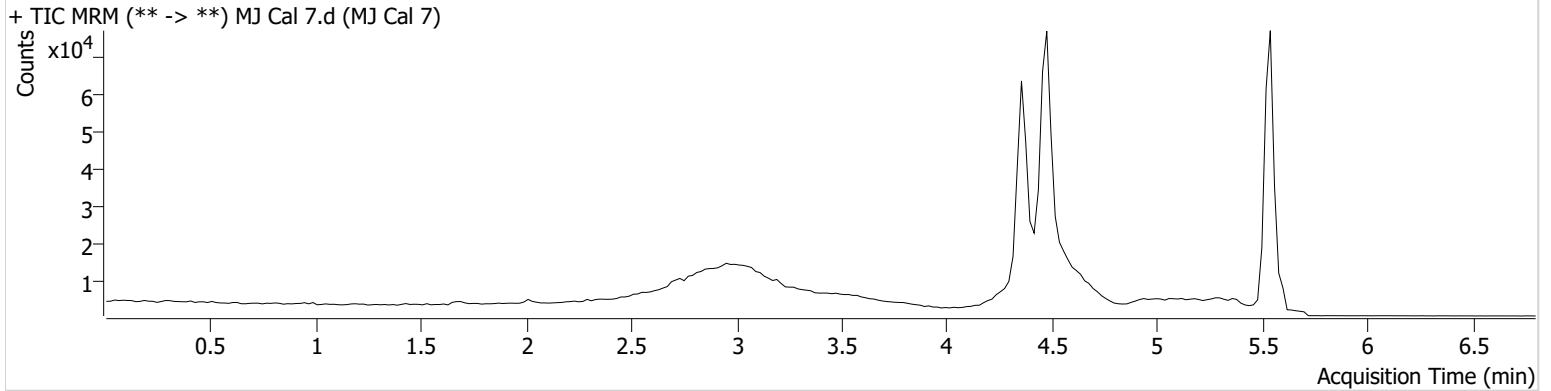


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 26.batch.bin
Calibration Last Update 1/19/2023 2:51:56 PM

Instrument	Falco (069901)	Data File	MJ Cal 7.d
Type	Sample	Sample	MJ Cal 7
Acq. Method	AM 26 THC.m	Operator	Amber Gerheart
Sample Position	P1-G1	Comment	Reinjected due to low ISTD response. This data not used for evaluation. See reinject data.
Injection Volume	10		
Acq. Date-Time	1/9/2023 11:44:00 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.550	7786	8669	115.4079 ng/ml
THC-COOH	4.476	80100	38110	133.1092 ng/ml
THC-OH	4.362	11846	53445	103.7126 ng/ml

AG

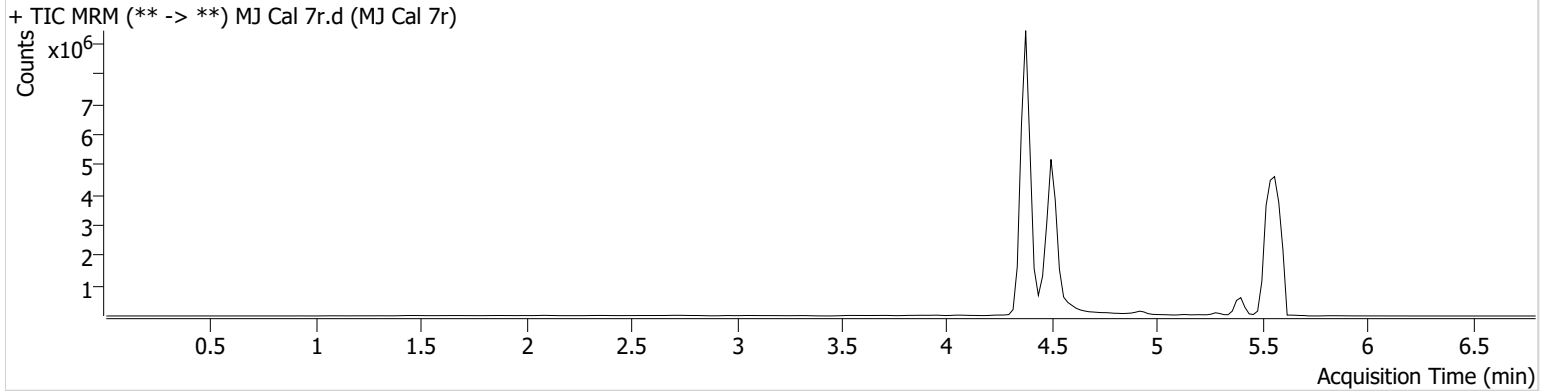


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\010923 AM 25 26 AG\QuantResults\AM 26.batch.bin
Calibration Last Update 1/19/2023 2:51:56 PM

Instrument	Falco (069901)	Data File	MJ Cal 7r.d
Type	Cal	Sample	MJ Cal 7r
Acq. Method	AM 26 THC.m	Operator	Amber Gerheart
Sample Position	P1-G1	Comment	
Injection Volume	10		
Acq. Date-Time	1/10/2023 8:26:34 AM		

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.509	219542	393089	71.7895 ng/ml
THC-COOH	4.496	6270973	1665373	238.6992 ng/ml
THC-OH	4.382	2096563	9879988	99.2995 ng/ml