











Worklist: 6678

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-5277	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-0260	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-0262	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-0282	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-0283	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-0305	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-0310	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0058	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0071	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0083	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0085	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0182	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0196	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0197	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0205	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0225	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0227	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0228	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0229	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0231	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0248	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

Worklist: 6678



<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2024-0263	1	BLOOD	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0279	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0288	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0325	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0326	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0327	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0329	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0353	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: 02/07/2024

Plate lot#: 231213

Mobile phase A: 10mM Amm Form

Instant Buffer I

Blank Blood Lot: Lampire 23E52981

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 6/13/2024

Mobile phase B: 0.1% Formic Acid in MeOH

Ethyl Acetate LC Methanol

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

Pre-Analytic:

- 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
- 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes.

Analytic:

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

Post-Analytic

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

COMMENTS: The samples were all reinjected on 2/8/24 due to the hydromorphone peak being cut off.

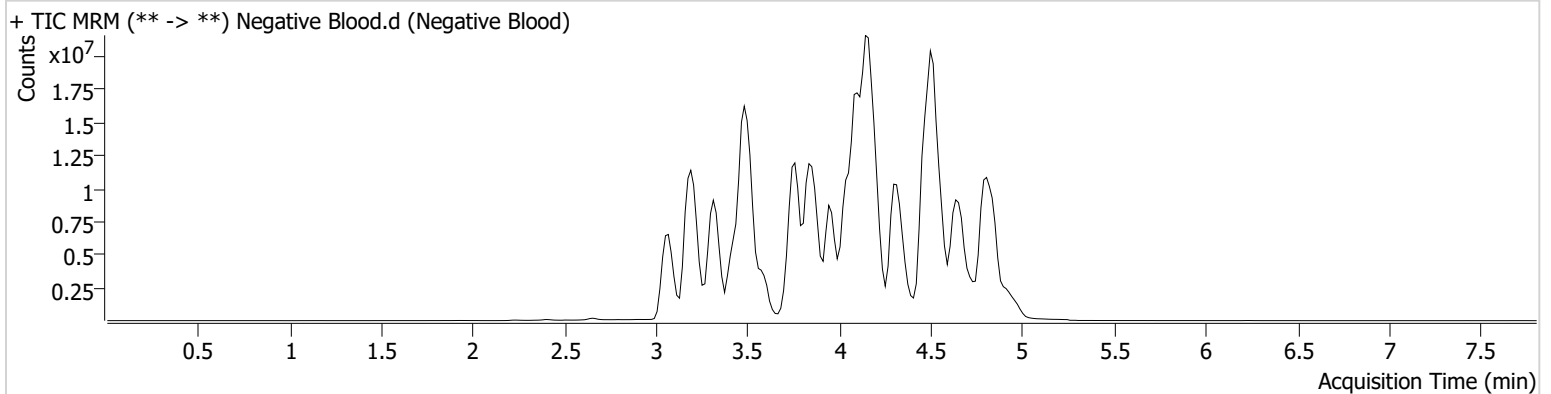
AM #25 Multi-Drug Screen. Results



Batch results D:\MassHunter\Data\2024\AM 25 26\020725 AM 25 26 CS\AM 25 reinjects\QuantResults\AM 25 reinjects.batch.bin
Calibration Last Update 2/15/2024 9:04:24 AM

Instrument	Falco (069901)	Data File	Negative Blood.d
Type	Sample	Sample	Negative Blood
Acq. Method	AM 25 MDS.m	Operator	Celena Shrum
Sample Position	P2-E1	Comment	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	5		
Acq. Date-Time	2/8/2024 10:40:18 AM		
Sample Info.			

Sample Chromatogram



AM #25 Multi-Drug Screen. Results

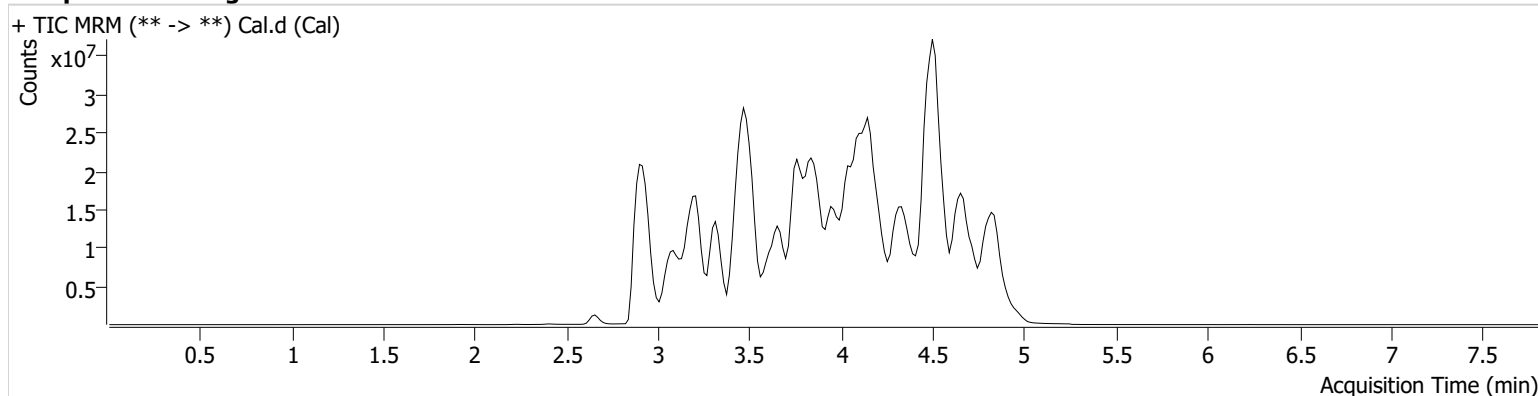


Batch results D:\MassHunter\Data\2024\AM 25 26\020725 AM 25 26 CS\AM 25 reinjects\QuantResults\AM 25 reinjects.batch.bin
Calibration Last Update 2/15/2024 9:04:24 AM

Instrument Falco (069901) **Data File** Cal.d
Type Cal **Sample** Cal
Acq. Method AM 25 MDS.m **Operator** Celena Shrum
Sample Position P2-A1 **Comment**
Injection Volume 5
Acq. Date-Time 2/8/2024 10:25:40 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
10-OH-Carbamazepine	3.764	2944640	61.72	118.4	484.19	30351890	10.0000 ng/ml
6-MAM	3.588	64068	21178.79	75.1	16060.03	3250782	10.0000 ng/ml
7-aminoclonazepam	3.607	1605790	366.99	82.2	187.88	9415199	10.0000 ng/ml
7-aminoflunitrazepam	3.807	2665456	1530.31	21.2	863.52	9415199	10.0000 ng/ml
9-Hydroxyrisperidone	4.062	14989934	1260.00	2.4	226104.81	56985953	10.0000 ng/ml
Acetyl Fentanyl	4.129	663008	1206.41	61.9	172182.91	53099912	10.0000 ng/ml
Acetyl Norfentanyl	3.105	493575	1667.82	34.7	33.20	53099912	10.0000 ng/ml
a-hydroxyalprazolam	4.498	339751	21.42	51.2	84.73	9415199	10.0000 ng/ml
alpha-hydroxymidazolam	4.589	3071886	813.85	54.9	190.36	9415199	10.0000 ng/ml
Alpha-PHP	3.997	4666770	5507.05	37.5	3979.83	53099912	10.0000 ng/ml
alpha-PVP	3.874	6329987	5393.67	50.5	952.82	28027415	10.0000 ng/ml
Alprazolam	4.624	3173844	519.28	89.7	344.05	30025405	10.0000 ng/ml
Amitriptyline	4.535	3029136	50.33	57.0	251.51	13949242	10.0000 ng/ml
Amphetamine	3.108	5119704	1047.48	255.2	1364.29	28027415	10.0000 ng/ml
Benzoylecgonine	3.391	106933	340.28	30.0	165.79	571795	10.0000 ng/ml
Bromazolam	4.681	1239073	87.93	140.8	12961.51	30025405	10.0000 ng/ml
Brompheniramine	4.144	177239	7494.02	837.2	517.16	77142371	10.0000 ng/ml
Buprenorphine	4.938	135526	19325.16	13.3	6604.57	9091691	10.0000 ng/ml
Bupropion	3.981	7470426	1154.54	65.0	499.73	32323195	10.0000 ng/ml
Carbamazepine	4.230	11647636	891.85	92.3	922.94	243671	10.0000 ng/ml
Carisoprodol	4.213	1445745	180815.00	69.4	124.28	11856464	10.0000 ng/ml
Chlordiazepoxide	4.733	1455934	305.91	143.9	253.05	30025405	10.0000 ng/ml
Chlorpheniramine	4.056	12943169	13775.57	0.2	22344.41	25260686	10.0000 ng/ml
Chlorpromazine	4.730	2566199	543462.73	93.5	2596.20	13047854	10.0000 ng/ml
Citalopram	4.143	4863249	394.46	35.5	492.45	77142371	10.0000 ng/ml
Clomipramine	4.731	4197444	5777.04	84.1	4355.39	77142371	10.0000 ng/ml
Clonazepam	4.423	599449	213.49	27.5	38560.78	243671	10.0000 ng/ml
Clonazolam	4.373	1459418	2769.61	34.0	260701.55	30025405	10.0000 ng/ml
Clozapine	4.528	6344893	5822.97	78.4	570.80	36404855	10.0000 ng/ml
Cocaethylene	3.928	6405533	2045332.89	49.9	3200249.28	56389977	10.0000 ng/ml

AM #25 Multi-Drug Screen. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Cocaine	3.852	9056041	1786139.10	17.8	2800.07	56389977	10.0000 ng/ml
Codeine	3.621	466479	109.14	95.8	54.11	20039896	10.0000 ng/ml
Cyclobenzaprine	4.443	4322180	46230.24	7.5	36.73	13949242	10.0000 ng/ml
Desipramine	4.444	7054570	598.61	41.1	193.87	13949242	10.0000 ng/ml
Dextromethorphan	4.181	3241149	1087.07	80.8	1713.03	25260686	10.0000 ng/ml
Dextrorphan	3.625	3408800	2620.13	49.8	1375.53	25260686	10.0000 ng/ml
Diazepam	4.842	1699206	382.62	93.5	287.77	30025405	10.0000 ng/ml
Dihydrocodeine	2.945	140580	325532.02	52.6	300.13	20039896	10.0000 ng/ml
Diphenhydramine	4.120	15910129	71694.17	28.5	30100.03	77142371	10.0000 ng/ml
DMT	3.275	547870	916.23	150.2	706.00	25260686	10.0000 ng/ml
Doxepin	4.257	3670312	3551.14	44.7	44.92	59720625	10.0000 ng/ml
Doxylamine	3.809	15262448	37456.22	79.7	13021.25	25260686	10.0000 ng/ml
Duloxetine	4.410	152156	18762.71	848.7	2846.99	2288391	10.0000 ng/ml
EDDP	4.164	303052	48.23	49.1	20532.16	2343589	10.0000 ng/ml
Estazolam	4.542	5768513	552.64	51.0	453.63	30025405	10.0000 ng/ml
Etizolam	4.650	379834	86895.80	353.7	204373.87	30025405	10.0000 ng/ml
Fentanyl	4.313	834366	117.45	59.7	746.28	45543640	10.0000 ng/ml
Flualprazolam	4.482	982965	521500.93	126.0	753.44	30025405	10.0000 ng/ml
Flunitrazepam	4.547	2223053	602.61	36.2	428.91	30025405	10.0000 ng/ml
Fluorofentanyl	4.357	1138560	∞	82.6	503.64	45543640	10.0000 ng/ml
Fluoxetine	4.378	4007026	27759.28	6.3	21.98	6444269	10.0000 ng/ml
Flurazepam	4.387	5592709	23912.64	21.2	363967.24	30025405	10.0000 ng/ml
Hydrocodone	3.760	2659824	109.37	40.7	2986.91	20039896	10.0000 ng/ml
Hydromorphone	3.314	1209786	332.83	70.1	12618.06	350028	10.0000 ng/ml
Hydroxyzine	4.633	6002964	1000.01	82.5	1282.24	36404855	10.0000 ng/ml
Imipramine	4.488	9475909	587.48	64.6	141.29	13949242	10.0000 ng/ml
Ketamine	3.951	6069241	241.22	38.7	288.47	26072801	10.0000 ng/ml
Lamotrigine	3.671	5362574	6039.79	84.9	14959.00	77142371	10.0000 ng/ml
Levamisole	3.675	6156047	8261.89	90.9	1260.55	56389977	10.0000 ng/ml
Levetiracetam	2.663	2580369	610.54	55.6	625.12	77142371	10.0000 ng/ml
Lorazepam	4.422	306725	115.52	261.2	∞	30025405	10.0000 ng/ml
Maprotiline	4.551	2349431	∞	83.8	337.50	13949242	10.0000 ng/ml
MDA	3.214	4574646	151.76	41.3	140.24	54819602	10.0000 ng/ml
MDEA	3.429	9808371	9860.41	44.6	1582.82	54819602	10.0000 ng/ml
MDMA	3.306	10437110	9204088.89	49.5	2920.05	54819602	10.0000 ng/ml
Meperidine	3.873	5209789	1436.81	59.5	6568.89	25260686	10.0000 ng/ml
Meprobamate	3.659	971721	208.33	22.3	24.60	11856464	10.0000 ng/ml
Methadone	4.470	12253693	3691.15	46.0	4516.05	2343589	10.0000 ng/ml
Methamphetamine	3.231	13904836	2707.70	35.7	3444.08	54819602	10.0000 ng/ml
Methocarbamol	3.580	623242	189.35	89.4	507.80	2343589	10.0000 ng/ml
Methylphenidate	3.766	19182917	195659.80	24.9	543.70	33143299	10.0000 ng/ml
Metoprolol	3.608	1244210	281.34	97.7	211.88	25260686	10.0000 ng/ml
Midazolam	4.775	1191163	451.89	88.4	74310.13	30025405	10.0000 ng/ml
Mirtazapine	4.352	6566968	248549.40	214.1	110562.74	25260686	10.0000 ng/ml
Mitragynine	4.371	845384	347457.75	232.0	559355.12	25260686	10.0000 ng/ml
Morphine	3.115	290816	143.39	100.2	290.06	350028	10.0000 ng/ml
Norbuprenorphine	3.924	171380	83461.75	95.7	45373.18	9091691	10.0000 ng/ml
Nordiazepam	4.705	1344998	1709.10	59.9	186.82	30025405	10.0000 ng/ml
Norfentanyl	3.520	11055192	29103.37	38.3	1094.19	53099912	10.0000 ng/ml
Norhydrocodone	3.238	473420	5262.15	46.7	44.38	350028	10.0000 ng/ml
Norketamine	3.998	1069293	477.50	513.0	12688.58	26072801	10.0000 ng/ml
Normeperidine	3.751	6018145	371.61	78.6	206.11	77142371	10.0000 ng/ml
Noroxycodone	3.129	2966793	∞	23.8	824.78	26072801	10.0000 ng/ml
Nortriptyline	4.475	2611156	692.87	71.5	206.30	13949242	10.0000 ng/ml
O-desmethyl-tramadol	3.148	13137622	8671.53	5.2	334.87	77142371	10.0000 ng/ml
O-desmethylvenlafaxine	3.440	2808171	218.00	638.7	21202.94	17777425	10.0000 ng/ml
Olanzapine	4.053	473461	240127.53	49.4	751.08	243671	10.0000 ng/ml
Oxazepam	4.503	1232432	76.41	78.0	68.84	9499499	10.0000 ng/ml
Oxycodone	3.512	4968416	224.09	27.3	153.97	26072801	10.0000 ng/ml

AM #25 Multi-Drug Screen. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Oxymorphone	2.945	4112693	∞	23.1	3942.04	350028	10.0000 ng/ml
Paroxetine	4.405	759283	123.13	45.2	69219.11	6444269	10.0000 ng/ml
Phenazepam	4.635	2313529	462.57	66.2	444.44	30025405	10.0000 ng/ml
Phencyclidine	4.028	10096193	23013.81	64.3	1479.12	25260686	10.0000 ng/ml
Phentermine	3.338	2636667	273.37	7.2	26.63	33143299	10.0000 ng/ml
Phenytoin	4.121	432897	2552.21	82.5	64.14	243671	10.0000 ng/ml
Primidone	3.459	18482848	20447.78	91.6	1353.85	243671	10.0000 ng/ml
Promethazine	4.472	7817414	3901.21	36.8	745.97	77142371	10.0000 ng/ml
Pseudoephedrine	2.923	90002237	6992.88	34.7	17174.69	54819602	10.0000 ng/ml
Quetiapine	4.679	10211361	10819.78	58.2	986.30	62402039	10.0000 ng/ml
Risperidone	4.263	13018576	356822.19	9.9	1366.24	56985953	10.0000 ng/ml
Sertraline	4.625	1268525	319.95	106.3	180.64	6444269	10.0000 ng/ml
Sufentanil	4.679	608148	156171.05	68.8	64045.41	53099912	10.0000 ng/ml
Tapentadol	3.628	8366785	2729.06	33.6	150.97	26072801	10.0000 ng/ml
Temazepam	4.656	5381356	427.74	28.2	71.52	30025405	10.0000 ng/ml
Topiramate	3.834	997217	183.10	41.9	367765.14	391751	10.0000 ng/ml
Tramadol	3.655	15068499	∞	3.1	104.90	77142371	10.0000 ng/ml
Trazodone	4.833	12440692	5153.20	75.0	6154.03	59720625	10.0000 ng/ml
Venlafaxine	3.901	11914471	1784.70	27.5	115.28	17777425	10.0000 ng/ml
Xylazine	3.674	4911278	1061.04	50.4	180.23	26072801	10.0000 ng/ml
Zaleplon	4.348	2356289	585.59	72.3	133.56	62402039	10.0000 ng/ml
Zolpidem	4.486	16499039	2122.25	28.0	1315.60	62402039	10.0000 ng/ml
Zopiclone	4.433	552701	456.12	59.4	60356.90	2964212	10.0000 ng/ml

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

Extraction Date: 02/07/2024

Plate lot#: 231212

Mobile phase A: 10mM Amm Form

Blank Blood Lot: Lampire 23E52981

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 06/12/2024

Mobile phase B: 0.1% Formic Acid in MeOH

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

Pre-Analytic:

- 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
- 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes.

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis (if applicable): add 1.5mL urine to blank plate, add 250µl 1N KOH. Shake and incubate at 40 degrees for 15 minutes.
- 3. Using a calibrated pipette, add **1000µl blood or 1000µl hydrolyzed urine** into the appropriate wells of analytical (standards) plate. **Pipette ID: #42**
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Pipette **500µL 0.1% formic acid in water to blood samples and 500µl of saturated phosphate buffer to urine samples** to the appropriate wells of the analytical plate.
- 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 7. Transfer **800µL of blood+acid mixture or urine+acid** to corresponding wells of SLE+ plate.
- 8. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). **(Load at 85-100 PSI- Selector to the right)** Manifold ID: 067104
- 9. Wait 5 minutes.
- 10. Add **2.25mL MTBE. (Add in 3 increments of 750uL)**
- 11. Wait 5 minutes.
- 12. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 13. Add **2.25mL Hexane. (Add in 3 increments of 750uL)**
- 14. Wait 5 minutes.
- 15. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 16. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C. **SPE Dry ID: 067103**
- 16. Reconstitute in **100µL 100% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

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

9

	1	2	3	4	5	6
a	cal 1ng	QC 2	M2024-0310-1	P2024-0205-1	P2024-0279-1	
b	cal 3 ng	NEG CTRL	P2024-0058-1	P2024-0225-1	P2024-0288-1	
c	cal 5 ng	M2023-5277-1	P2024-0071-2	P2024-0227-1	P2024-0325-1	
d	cal 10ng	M2024-0260-1	P2024-0083-1	P2024-0228-1	P2024-0326-1	
e	cal 25 ng	M2024-0262-1	P2024-0085-1	P2024-0229-1	P2024-0327-1	
f	cal 50 ng	M2024-0282-2	P2024-0182-1	P2024-0231-1	P2024-0329-1	
g	cal 100 ng	M2024-0283-1	P2024-0196-1	P2024-0248-1	P2024-0353-1	
h	QC 1	M2024-0305-1	P2024-0197-1	P2024-0263-1		

AM #26 Cannabinoids Screen Results



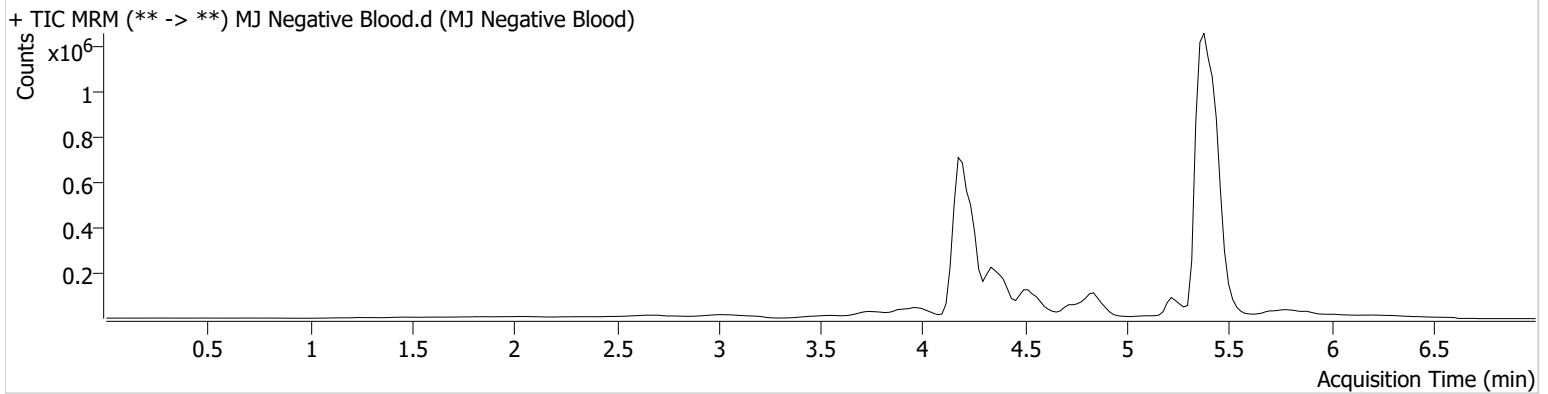
Batch results D:\MassHunter\Data\2024\AM 25 26\020725 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/8/2024 6:59:31 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 26 THC.m
Sample Position P1-B2
Injection Volume 10
Acq. Date-Time 2/7/2024 12:42:13 PM
Sample Info.

Data File MJ Negative Blood.d
Sample MJ Negative Blood
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram





AM #26 Cannabinoids Screen Results

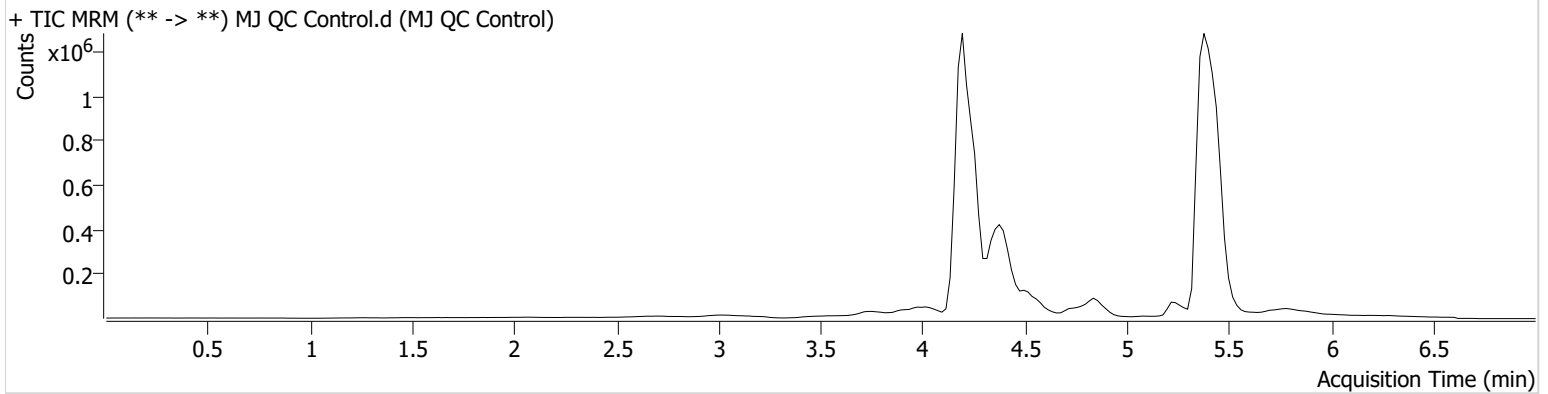
Batch results D:\MassHunter\Data\2024\AM 25 26\020725 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/8/2024 6:59:31 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-H1
Injection Volume 10
Acq. Date-Time 2/7/2024 12:27:02 PM
Sample Info.

Data File MJ QC Control.d
Sample MJ QC Control
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
THC	5.349	7930	∞	277.7 Low	81.85	261017	5.6276 ng/ml
THC-COOH	4.396	327841	∞	229.9	∞	1630776	14.4470 ng/ml
THC-OH	4.202	72406	∞	828.1	∞	7255301	4.9022 ng/ml

AM #26 Cannabinoids Screen Results



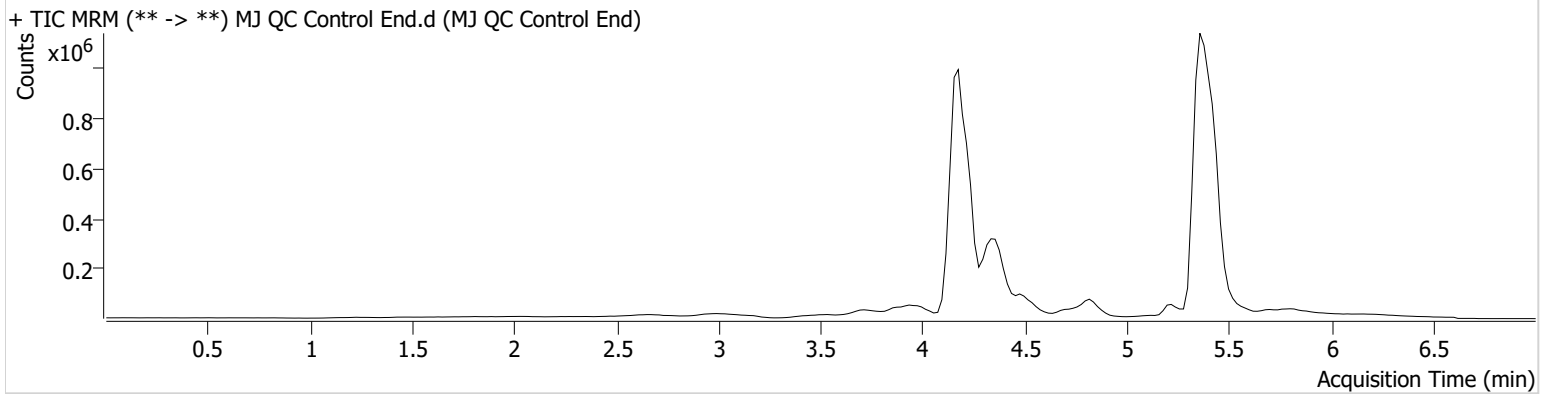
Batch results D:\MassHunter\Data\2024\AM 25 26\020725 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/8/2024 6:59:31 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 26 THC.m
Sample Position P1-A2
Injection Volume 10
Acq. Date-Time 2/7/2024 4:29:29 PM
Sample Info.

Data File MJ QC Control End.d
Sample MJ QC Control End
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram

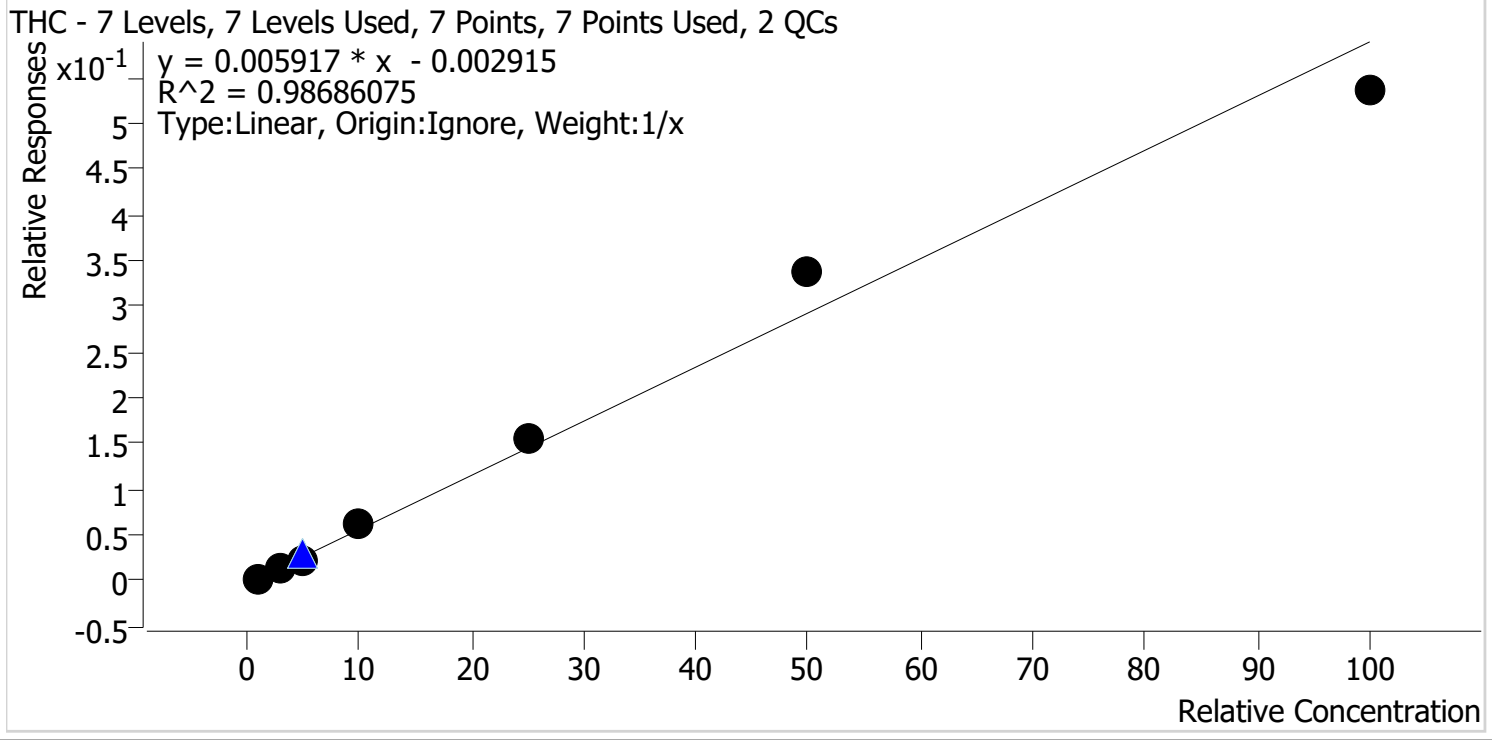


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
THC	5.329	8433	∞	217.2 Low	28.02	280791	5.5686 ng/ml
THC-COOH	4.355	261467	∞	207.9	∞	1278002	14.6944 ng/ml
THC-OH	4.182	57339	∞	848.2	∞	5903822	4.7727 ng/ml



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\020725 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 2/8/2024 6:59 AM
Analyst Name ISP\datastor
Analyte THC **Internal Standard** THC-D3

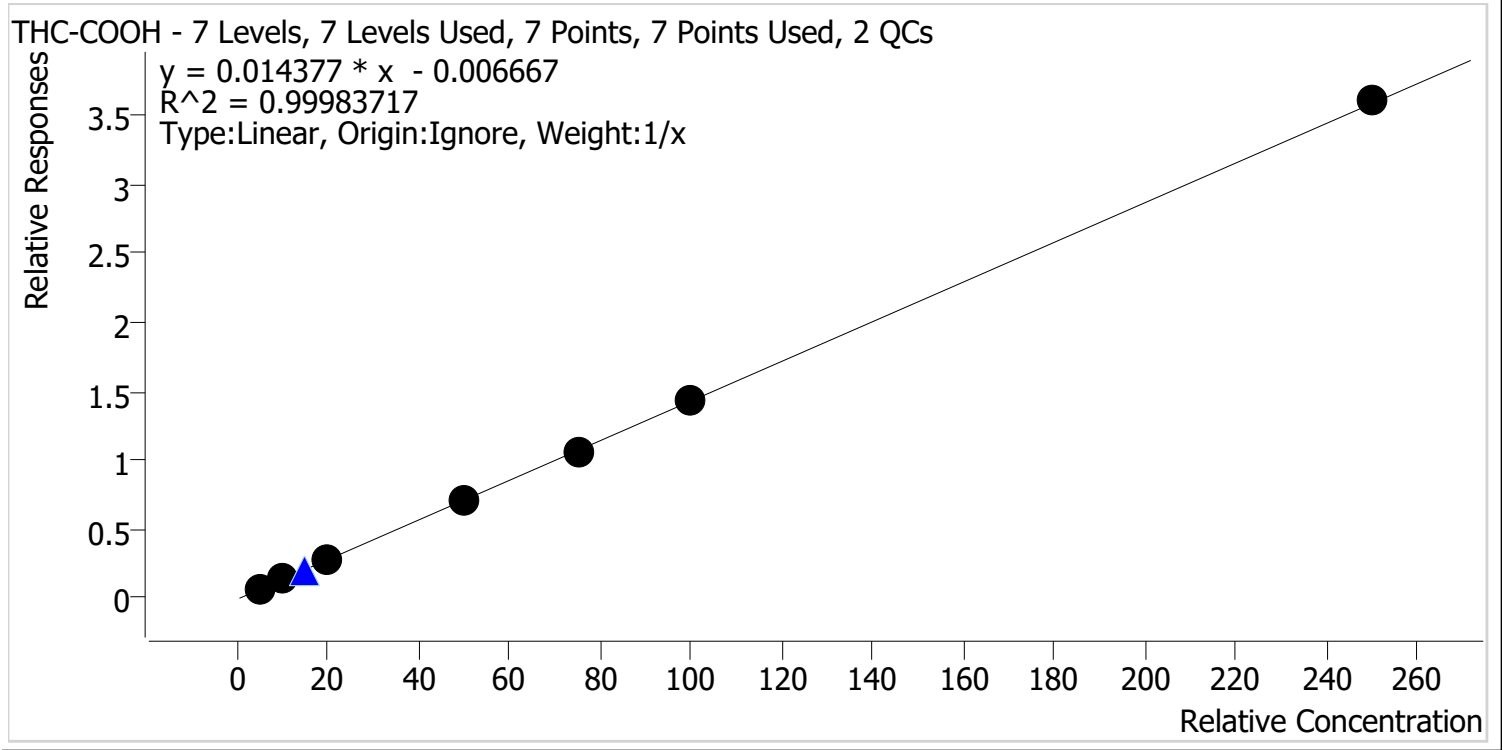


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	0.9	94.7
MJ Cal 2	2	✓	3.0	3.0	100.1
MJ Cal 3	3	✓	5.0	4.2	83.9
MJ Cal 4	4	✓	10.0	10.9	108.8
MJ Cal 5	5	✓	25.0	26.8	107.1
MJ Cal 6	6	✓	50.0	57.2	114.5
MJ Cal 7	7	✓	100.0	91.0	91.0



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\020725 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 2/8/2024 6:59 AM
Analyst Name ISP\datastor
Analyte THC-COOH **Internal Standard** THC-COOH-D9



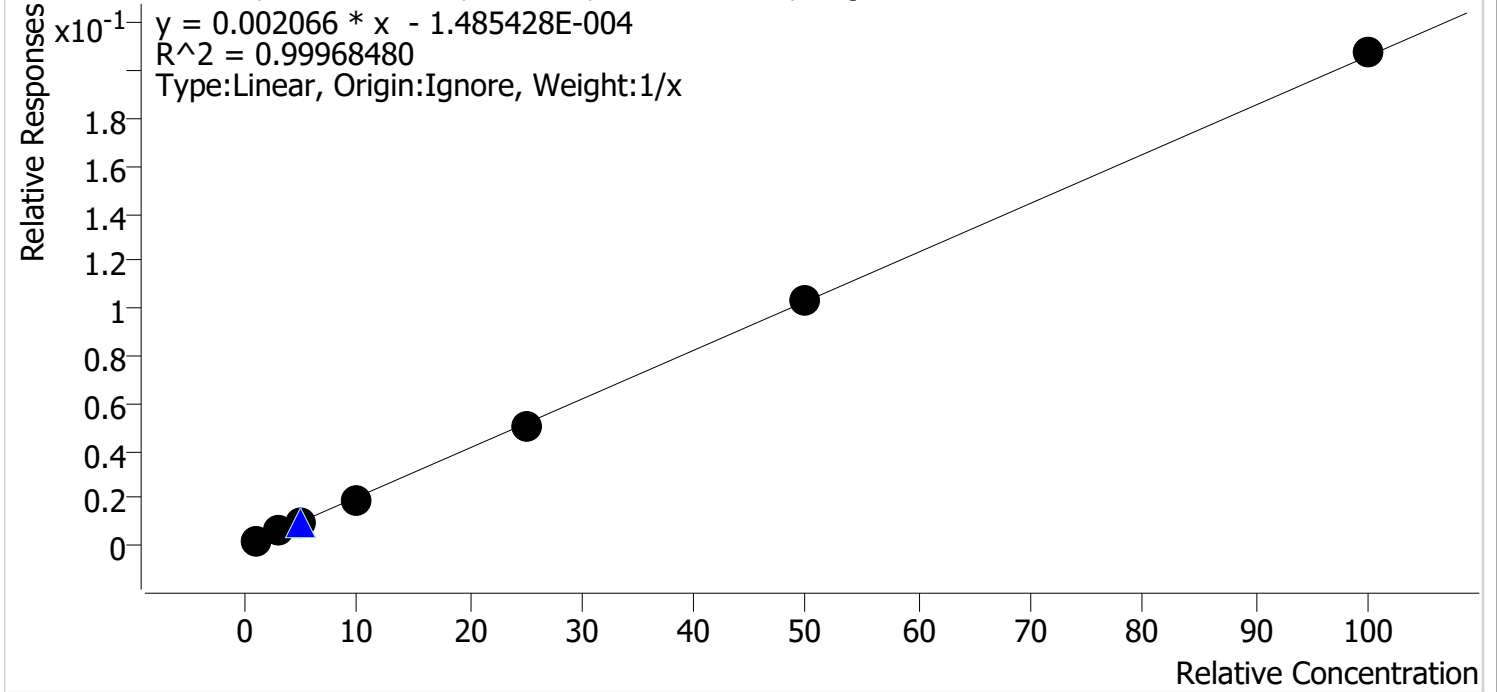
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	5.3	105.8
MJ Cal 2	2	✓	10.0	9.8	98.4
MJ Cal 3	3	✓	20.0	19.4	97.0
MJ Cal 4	4	✓	50.0	49.5	99.1
MJ Cal 5	5	✓	75.0	74.1	98.7
MJ Cal 6	6	✓	100.0	100.4	100.4
MJ Cal 7	7	✓	250.0	251.5	100.6



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\020725 AM 25 26 CS\QuantResults\AM 26.batch.bin
Last Cal. Update 2/8/2024 6:59 AM
Analyst Name ISP\datastor
Analyte THC-OH **Internal Standard** THC-OH-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.1	110.5
MJ Cal 2	2	✓	3.0	2.9	96.3
MJ Cal 3	3	✓	5.0	4.9	98.2
MJ Cal 4	4	✓	10.0	9.6	95.5
MJ Cal 5	5	✓	25.0	24.5	98.2
MJ Cal 6	6	✓	50.0	50.3	100.6
MJ Cal 7	7	✓	100.0	100.7	100.7



AM #26 Cannabinoids Screen Results

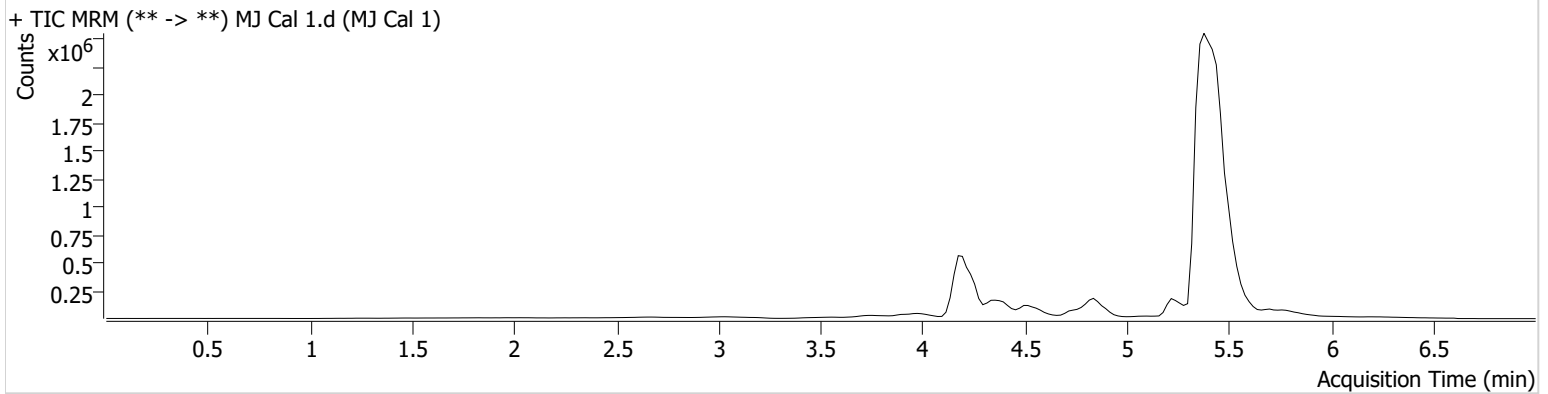
Batch results D:\MassHunter\Data\2024\AM 25 26\020725 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/8/2024 6:59:31 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-A1
Injection Volume 10
Acq. Date-Time 2/7/2024 11:33:51 AM
Sample Info.

Data File MJ Cal 1.d
Sample MJ Cal 1
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
THC	5.349	874	1.46 Low	4849.4 High	∞	325190	0.9471 ng/ml
THC-COOH	4.376	55130	41.95	402.5 High	∞	794887	5.2879 ng/ml
THC-OH	4.202	7857	∞	1018.4 High	34.38	3680686	1.1052 ng/ml



AM #26 Cannabinoids Screen Results

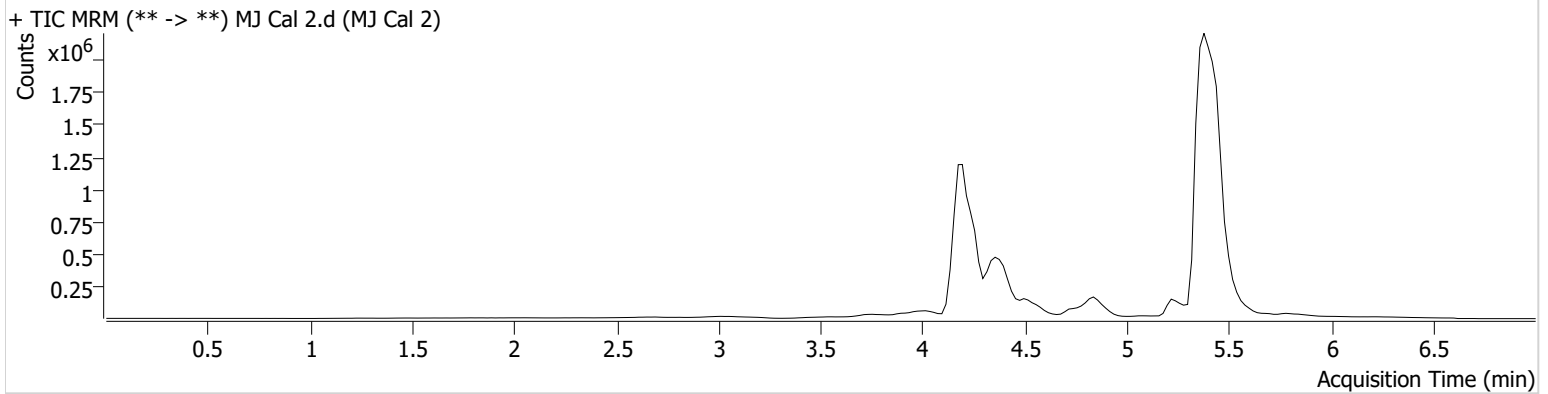
Batch results D:\MassHunter\Data\2024\AM 25 26\020725 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/8/2024 6:59:31 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-B1
Injection Volume 10
Acq. Date-Time 2/7/2024 11:41:35 AM
Sample Info.

Data File MJ Cal 2.d
Sample MJ Cal 2
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
THC	5.329	6180	∞	585.9	∞	415998	3.0034 ng/ml
THC-COOH	4.376	272821	∞	287.3 High	∞	2024337	9.8380 ng/ml
THC-OH	4.202	44671	∞	872.0	∞	7673934	2.8894 ng/ml



AM #26 Cannabinoids Screen Results

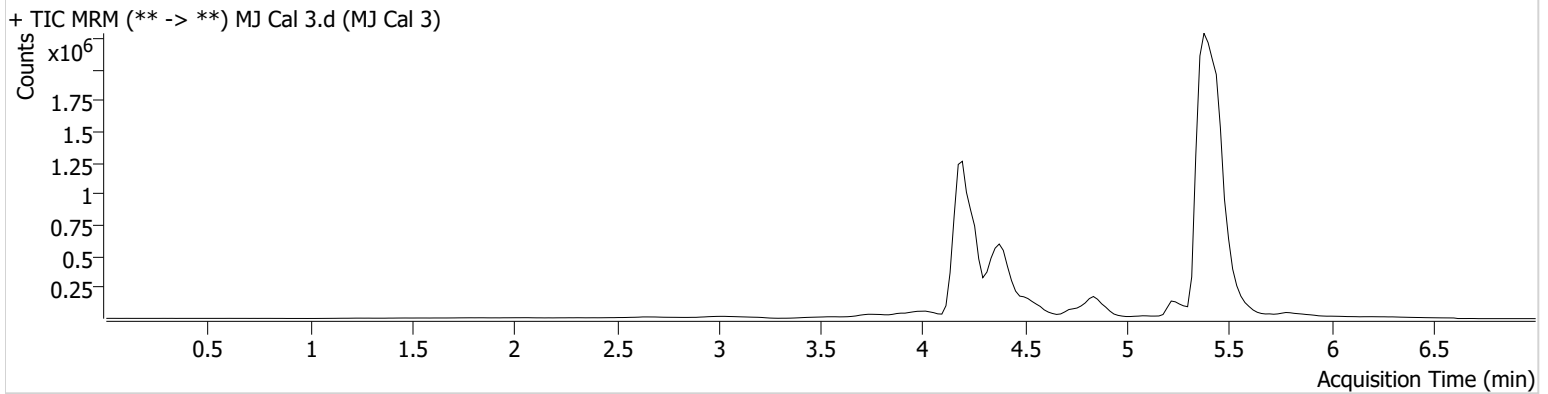
Batch results D:\MassHunter\Data\2024\AM 25 26\020725 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/8/2024 6:59:31 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-C1
Injection Volume 10
Acq. Date-Time 2/7/2024 11:49:10 AM
Sample Info.

Data File MJ Cal 3.d
Sample MJ Cal 3
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
THC	5.349	8363	60.86	455.9 Low	∞	381977	4.1929 ng/ml
THC-COOH	4.376	567226	∞	224.9	∞	2082592	19.4086 ng/ml
THC-OH	4.202	78413	∞	822.6	∞	7844779	4.9098 ng/ml



AM #26 Cannabinoids Screen Results

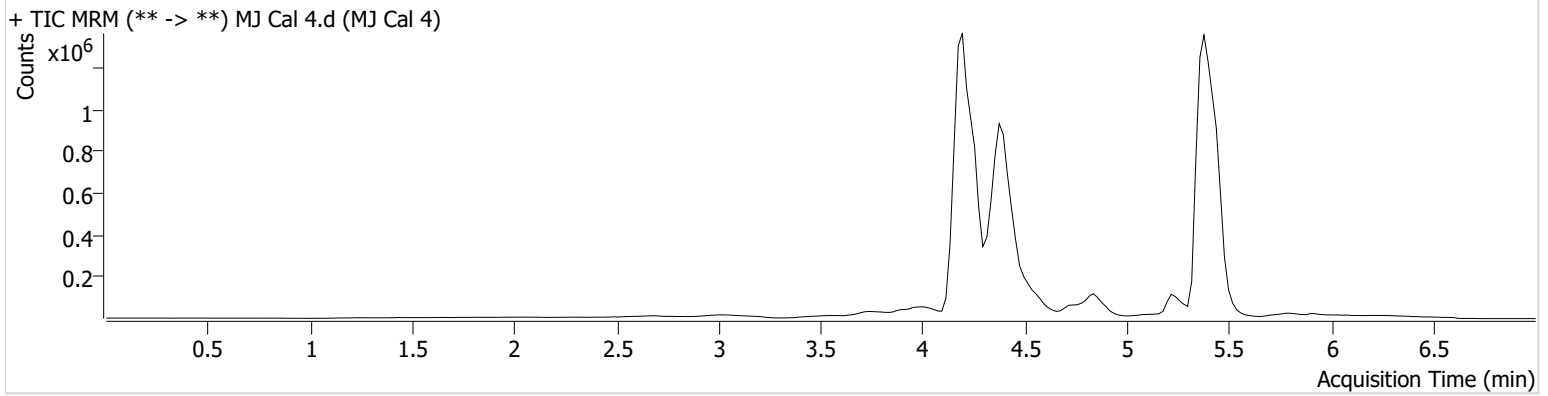
Batch results D:\MassHunter\Data\2024\AM 25 26\020725 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/8/2024 6:59:31 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-D1
Injection Volume 10
Acq. Date-Time 2/7/2024 11:56:44 AM
Sample Info.

Data File MJ Cal 4.d
Sample MJ Cal 4
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
THC	5.349	25997	∞	91.0 Low	∞	422969	10.8805 ng/ml
THC-COOH	4.376	1381248	∞	190.9	∞	1957692	49.5395 ng/ml
THC-OH	4.202	152212	∞	809.7	∞	7771466	9.5517 ng/ml



AM #26 Cannabinoids Screen Results

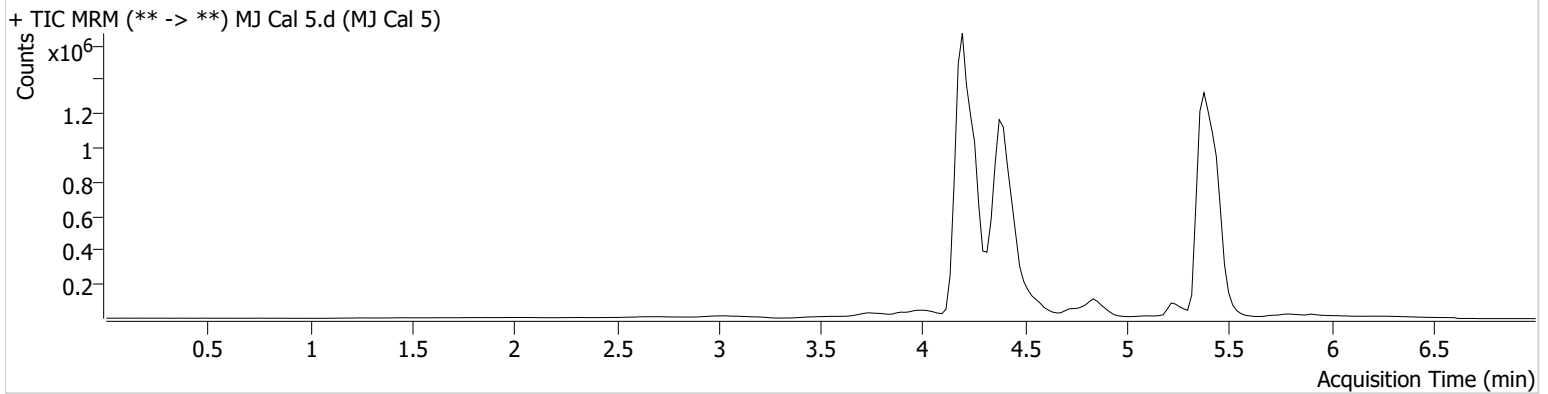
Batch results D:\MassHunter\Data\2024\AM 25 26\020725 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/8/2024 6:59:31 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-E1
Injection Volume 10
Acq. Date-Time 2/7/2024 12:04:19 PM
Sample Info.

Data File MJ Cal 5.d
Sample MJ Cal 5
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
THC	5.349	59234	∞	54.2 Low	∞	381068	26.7639 ng/ml
THC-COOH	4.376	1956828	∞	181.7 Low	∞	1849503	74.0569 ng/ml
THC-OH	4.202	376540	1302.04	779.8	∞	7448507	24.5398 ng/ml



AM #26 Cannabinoids Screen Results

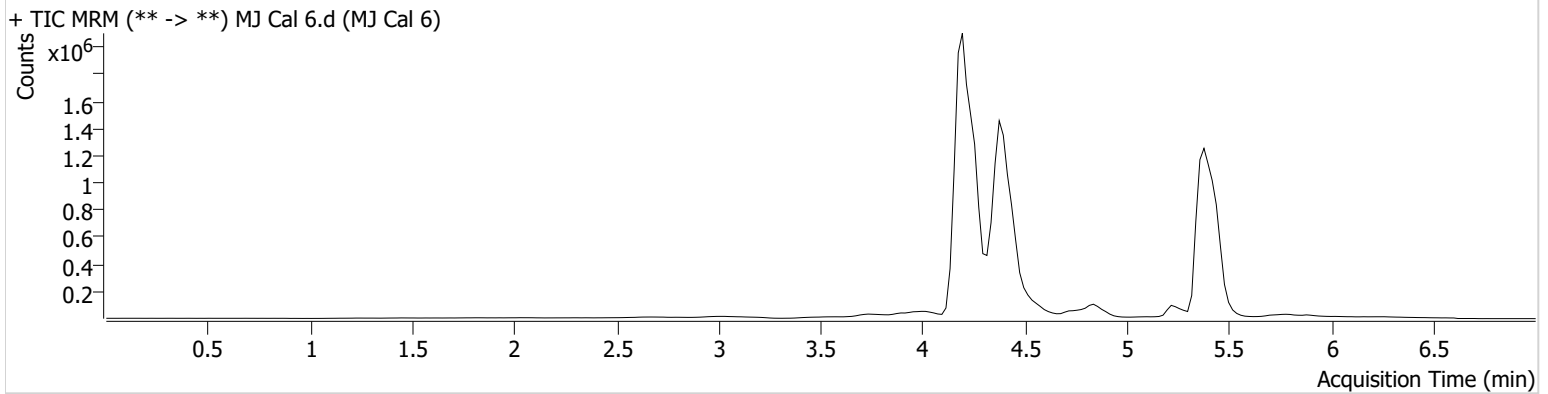
Batch results D:\MassHunter\Data\2024\AM 25 26\020725 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/8/2024 6:59:31 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-F1
Injection Volume 10
Acq. Date-Time 2/7/2024 12:11:53 PM
Sample Info.

Data File MJ Cal 6.d
Sample MJ Cal 6
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
THC	5.349	140876	272.38	35.8 Low	∞	419543	57.2432 ng/ml
THC-COOH	4.376	2573932	∞	171.4 Low	∞	1791206	100.4157 ng/ml
THC-OH	4.202	756234	3813.42	762.2	∞	7288048	50.2945 ng/ml



AM #26 Cannabinoids Screen Results

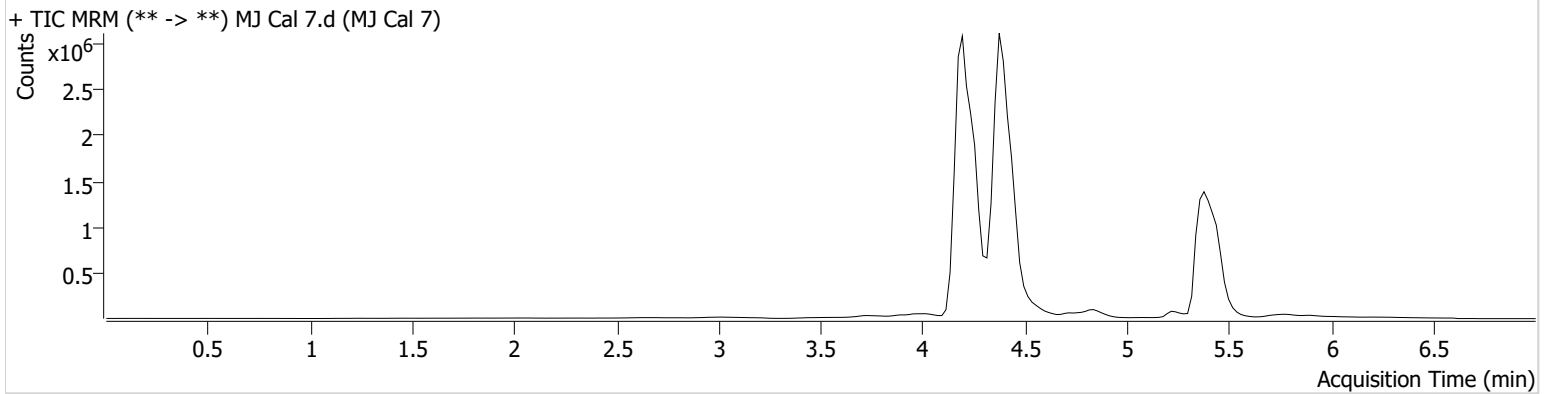
Batch results D:\MassHunter\Data\2024\AM 25 26\020725 AM 25 26 CS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/8/2024 6:59:31 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-G1
Injection Volume 10
Acq. Date-Time 2/7/2024 12:19:28 PM
Sample Info.

Data File MJ Cal 7.d
Sample MJ Cal 7
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
THC	5.349	120916	934.96	45.7 Low	∞	225871	90.9690 ng/ml
THC-COOH	4.376	6171642	∞	167.2 Low	∞	1710349	251.4534 ng/ml
THC-OH	4.202	1506703	∞	769.7	∞	7246387	100.7096 ng/ml