TS 12/21/2022

Worklist: 6199

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2022-4638	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2022-4641	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2022-4759	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2022-4888	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2022-4959	4	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2022-5008	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2022-5030	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2022-5084	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2022-5112	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-3377	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3665	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3668	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3685	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3686	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3692	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3717	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3732	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3757	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3763	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3769	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3773	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ

Worklist: 6199

TS

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2022-3774	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3777	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3778	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3779	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3806	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3837	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3839	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2022-3840	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ

TS

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

Extraction Date: 12/27/2022
Analyst: Tamara Salazar
Plate lot#: 220805
Plate Retest Date: 02/05/2023
Mobile phase A: 10mM Amm Form in LCMS Water
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 or 250µL hydrolyzed urine in wells of analytical (standards) plate.
Pipette ID: 42
☒ 4. Pipette **250µL 0.5 M ammonium hydroxide** in wells of analytical plate.
☒ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 6. Transfer **200-450µL of blood+base and urine+base (if applicable)** mixture to corresponding wells of SLE+ plate.
Amount transferred: *300uL*
☒ 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right).
☒ 8. Wait 5 minutes.
☒ 9. Add **900uL ethyl acetate.**
☒ 10. Wait 5 minutes.
☒ 11. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 12. Add **900uL ethyl acetate.**
☒ 13. Wait 5 minutes.
☒ 14. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
☒ 16. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
☒ 17. Reconstitute in **100µL 20% LC MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

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

COMMENTS:

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	M2022-5008-1	P2022-3686-1	P2022-3774-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
B	IS + Cal. 1	M2022-5030-1	P2022-3692-2	P2022-3777-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
C	Neg Blood	M2022-5084-2	P2022-3717-1	P2022-3778-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
D	M2022-4638-1	M2022-5112-2	P2022-3732-1	P2022-3779-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
E	M2022-4641-1	P2020-3377-1	P2022-3757-1	P2022-3806-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
F	M2022-4759-1	P2022-3665-1	P2022-3763-1	P2022-3837-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
G	M2022-4888-1	P2022-3668-1	P2022-3769-1	P2022-3839-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 1
H	M2022-4959-4	P2022-3685-1	P2022-3773-1	P2022-3840-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 1

All wells to contain 60 µl of residual DMSO

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	M2022-5008-1	P2022-3686-1	P2022-3774-1	M2022-4638-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
B	IS + Cal. 1	M2022-5030-1	P2022-3692-2	P2022-3777-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
C	Neg Blood	M2022-5084-2	P2022-3717-1	P2022-3778-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
D	M2022-4638-1*	M2022-5112-2	P2022-3732-1	P2022-3779-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
E	M2022-4641-1	P2020-3377-1	P2022-3757-1	P2022-3806-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
F	M2022-4759-1	P2022-3665-1	P2022-3763-1	P2022-3837-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
G	M2022-4888-1	P2022-3668-1	P2022-3769-1	P2022-3839-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 1
H	M2022-4959-4	P2022-3685-1	P2022-3773-1	P2022-3840-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 1

Sample moved during step 6 of the extraction due to a blood clot.

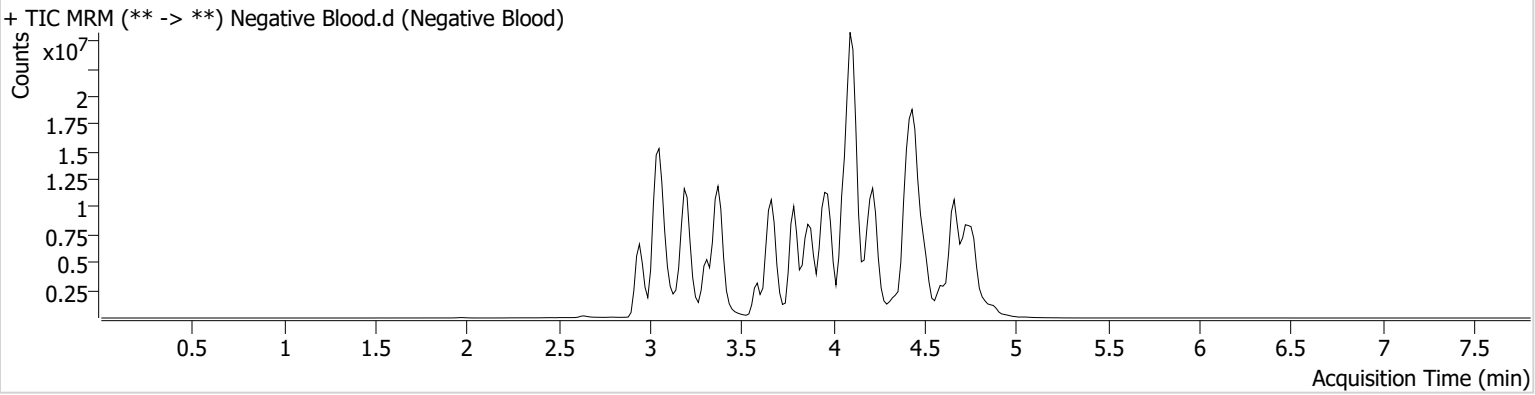
TS

AM #25 Multi-Drug Screen Results

Batch results G:\TOX\Pocatello\Falco\2022\AM 25-26\122722 AM 25 TS\QuantResults\AM 25_for review.batch.bin
Calibration Last Update 12/28/2022 2:46:23 PM

Instrument	Falco (069901)	**Data File**	Negative Blood.d
Type	Sample	**Sample**	Negative Blood
Acq. Method	AM 25 MDS.m	**Operator**	Tamara Salazar
Sample Position	P2-C1	**Comment**	
Injection Volume	5		
Acq. Date-Time	12/27/2022 12:24:25 PM		
Sample Info.			

Sample Chromatogram



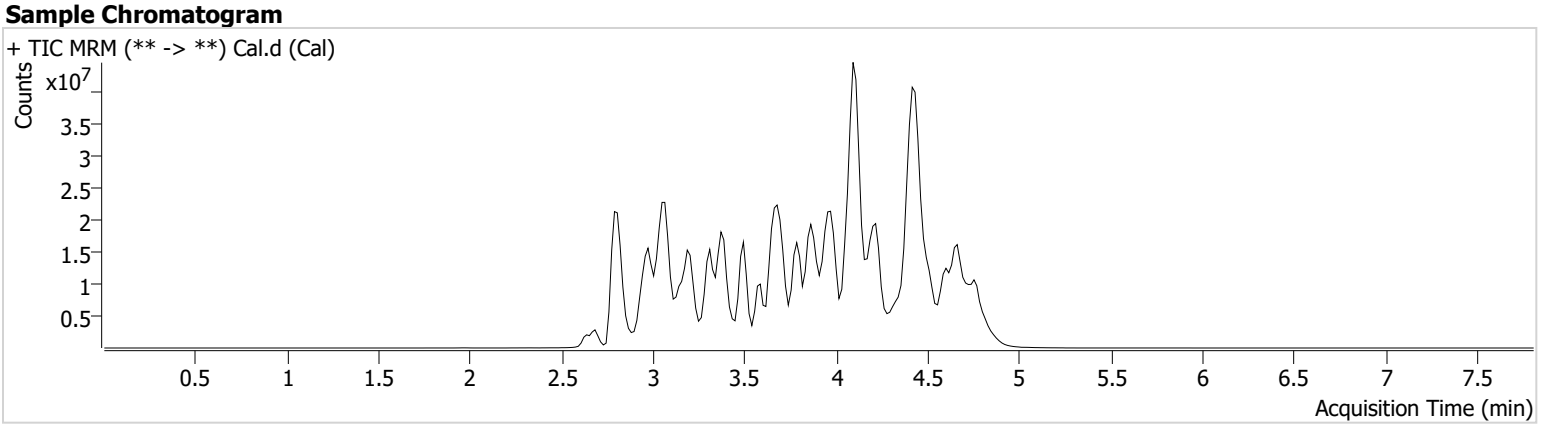
TS

AM #25 Multi-Drug Screen Results

Batch results G:\TOX\Pocatello\Falco\2022\AM 25-26\122722 AM 25 TS\QuantResults\AM 25_for review.batch.bin
Calibration Last Update 12/28/2022 2:46:23 PM

Instrument	Falco (069901)	**Data File**	Cal.d
Type	Cal	**Sample**	Cal
Acq. Method	AM 25 MDS.m	**Operator**	Tamara Salazar
Sample Position	P2-B1	**Comment**	
Injection Volume	5		
Acq. Date-Time	12/27/2022 12:15:49 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
10-OH-Carbamazepine	3.793	5805050	45.57	828.44	31481751	10.0000
6-MAM	3.110	109844	2256.76	41284.55	2686948	10.0000
7-aminoclonazepam	3.590	1358390	812.36	1000.04	7523398	10.0000
7-aminoflunitrazepam	3.790	2983923	299.02	287.56	7523398	10.0000
9-Hydroxyrisperidone	3.967	13540976	20032616.64	127928.39	50249699	10.0000
Acetyl Fentanyl	4.017	777191	218.60	503725.85	42451058	10.0000
Acetyl Norfentanyl	2.965	769640	414.11	138.21	42451058	10.0000
a-hydroxyalprazolam	4.510	396335	108.04	909.09	7523398	10.0000
alpha-hydroxymidazolam	4.585	3438067	1393.95	476.88	7523398	10.0000
Alpha-PHP	3.932	5754782	37861.93	647.91	42451058	10.0000
alpha-PVP	3.672	8008073	2536.73	583.60	20772167	10.0000
Alprazolam	4.605	4039832	671.46	2147.71	19413529	10.0000
Amitriptyline	4.485	3314715	∞	577.15	10938601	10.0000
Amphetamine	2.984	7516181	1210.52	1165.57	20772167	10.0000
Benzoylecgonine	3.405	389507	248.56	102.03	559682	10.0000
Brompheniramine	4.080	218165	141.11	646.22	57435361	10.0000
Buprenorphine	4.887	1154993	2257.42	70662.95	4502122	10.0000
Bupropion	3.902	7110838	635.78	1275.62	30584980	10.0000
Carbamazepine	4.242	10760832	748.89	707.13	325393	10.0000
Carisoprodol	4.225	2422957	550.86	419.37	9158328	10.0000
Chlordiazepoxide	4.745	1692532	123.26	622.77	19413529	10.0000
Chlorpheniramine	4.007	14382189	6310.30	14.43	57435361	10.0000
Chlorpromazine	4.680	3331367	310.48	1796.65	15323188	10.0000
Citalopram	4.110	5029125	541.54	88505.26	57435361	10.0000
Clomipramine	4.681	4457901	16223.71	5035.23	57435361	10.0000
Clonazepam	4.450	1164419	321.25	254628.80	19413529	10.0000
Clonazolam	4.369	2465822	956765.63	610257.17	19413529	10.0000
Clozapine	4.451	7784883	1214.27	588.24	27818060	10.0000
Cocaethylene	3.864	8090056	423784.08	3146.27	41394509	10.0000
Cocaine	3.666	8839667	5883043.01	551.12	41394509	10.0000
Codeine	3.082	587835	332276.33	116.50	13780022	10.0000
Cyclobenzaprine	4.393	5668405	1581.21	89.65	10938601	10.0000
Desipramine	4.410	7908515	321702.26	2964.01	10938601	10.0000
Dextromethorphan	4.116	3392649	270.40	590.95	15313609	10.0000

TS

AM #25 Multi-Drug Screen Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Dextrorphan	3.439	4846384	586.66	2071.62	15313609	10.0000
Diazepam	4.853	1303505	1287.79	2143.76	19413529	10.0000
Dihydrocodeine	2.929	1995275	∞	425.62	13780022	10.0000
Diphenhydramine	4.086	16729615	2107.66	776.09	57435361	10.0000
DMT	3.059	860506	4260.76	2955.79	15313609	10.0000
Doxepin	4.207	3613349	427.14	221.75	34912512	10.0000
Doxylamine	3.714	19678462	29843.34	17449.26	15313609	10.0000
Duloxetine	4.360	145968	1497.27	34113.69	1713737	10.0000
EDDP	4.115	4444501	788.67	406.00	7330969	10.0000
Estazolam	4.529	6566630	929.81	1218.05	19413529	10.0000
Etizolam	4.615	495229	3842.28	681773.45	19413529	10.0000
Fentanyl	4.232	602043	338.19	21485.34	31310118	10.0000
Flualprazolam	4.478	1390201	664008.71	2228.19	19413529	10.0000
Flunitrazepam	4.558	3026908	550.53	3583.84	19413529	10.0000
Fluorofentanyl	4.261	949466	781.75	2928.90	31310118	10.0000
Fluoxetine	4.359	5283184	1689.65	153.55	6863644	10.0000
Flurazepam	4.291	7200915	1597041.89	254.79	19413529	10.0000
Hydrocodone	3.235	2775090	751.77	1804.74	13780022	10.0000
Hydromorphone	2.809	1713418	2022.13	5527.99	448816	10.0000
Hydroxyzine	4.583	5503839	567.04	1465.47	57435361	10.0000
Imipramine	4.438	9682829	1220.73	326.67	10938601	10.0000
Ketamine	3.810	6426708	7443.21	39.08	20701299	10.0000
Lamotrigine	3.654	524969	76085.27	5387.65	57435361	10.0000
Levamisole	3.196	4721553	1547.11	142.81	41394509	10.0000
Levetiracetam	2.692	2210107	1143.43	2035.00	57435361	10.0000
Lorazepam	4.434	498557	205.04	14.51	19413529	10.0000
Maprotiline	4.485	2513350	178.31	284.02	10938601	10.0000
MDA	3.074	5362764	286.69	322.92	38155505	10.0000
MDEA	3.288	8665480	509.78	540.98	38155505	10.0000
MDMA	3.150	11306267	619.85	5796.27	38155505	10.0000
Meperidine	3.685	4900402	680.78	486.36	15313609	10.0000
Meprobamate	3.688	1912315	48568.30	367.09	9158328	10.0000
Methadone	4.420	12641411	1115.21	2873.26	7330969	10.0000
Methamphetamine	3.076	14801236	7082.56	172.75	38155505	10.0000
Methocarbamol	3.594	425275	438.74	299.41	7330969	10.0000
Methylphenidate	3.579	18129038	1854.44	440.25	29075636	10.0000
Metoprolol	3.483	1562103	168.06	1897.72	15313609	10.0000
Midazolam	4.755	1198531	374.13	34859.32	19413529	10.0000
Mirtazapine	4.194	5784573	1179.68	32213.63	15313609	10.0000
Mitragynine	4.290	1155697	303243.00	789777.75	15313609	10.0000
Morphine	2.688	416008	551.10	666.76	448816	10.0000
Norbuprenorphine	3.875	171504	101100.76	28468.02	4502122	10.0000
Nordiazepam	4.701	1211447	282.69	229.42	19413529	10.0000
Norfentanyl	3.395	14329107	13814.84	671.77	42451058	10.0000
Norhydrocodone	3.007	212389	106.10	187.63	448816	10.0000
Norketamine	3.903	1535040	386.89	1310.01	20701299	10.0000
Normeperidine	3.656	4888802	594.75	886.57	57435361	10.0000
Noroxycodone	2.960	3449521	132.50	401.09	20701299	10.0000
Nortriptyline	4.441	2733465	580.72	399.05	10938601	10.0000
O-desmethyl-tramadol	2.994	14635342	165836.53	220.91	57435361	10.0000
O-desmethylvenlafaxine	3.314	3392154	503.50	11079.05	15420744	10.0000
Olanzapine	3.957	2178774	626417.13	5170.89	325393	10.0000
Oxazepam	4.515	2815705	1084.75	244.12	12085103	10.0000
Oxycodone	3.080	5759731	293.41	772.18	20701299	10.0000
Oxymorphone	2.639	4728478	∞	18424.18	448816	10.0000
Paroxetine	4.371	838093	466.88	171995.23	6863644	10.0000
Phenazepam	4.646	1995539	723.16	1167.08	19413529	10.0000
Phencyclidine	3.963	9663062	542.05	1151.07	15313609	10.0000
Phentermine	3.229	2896967	1211.16	108.09	29075636	10.0000
Phenytoin	4.133	678336	472.45	133.00	325393	10.0000

Cal

TS

AM #25 Multi-Drug Screen Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Primidone	3.503	2540184	20053.37	418.90	325393	10.0000
Promethazine	4.407	11811474	459.22	2517.24	57435361	10.0000
Pseudoephedrine	2.815	64936254	759.40	1592.01	38155505	10.0000
Quetiapine	4.614	6904376	816.35	1360.46	54408549	10.0000
Risperidone	4.167	12172465	581088.51	494.39	50249699	10.0000
Sertraline	4.590	1733517	345274.21	1695.93	6863644	10.0000
Sufentanil	4.598	509870	216639.45	467.08	42451058	10.0000
Tapentadol	3.503	10069997	941.86	428.42	20701299	10.0000
Temazepam	4.668	4147682	415.58	178.47	19413529	10.0000
Topiramate	3.862	135639	66897.88	41678.41	647453	10.0000
Tramadol	3.499	27560892	∞	155.54	57435361	10.0000
Trazodone	4.787	9034278	1386.27	384.38	34912512	10.0000
Venlafaxine	3.852	13018322	1534.89	440.22	6863644	10.0000
Zaleplon	4.329	3095873	867.85	427.05	54408549	10.0000
Zolpidem	4.436	16769309	26724.10	3789.50	54408549	10.0000
Zopiclone	4.352	1414490	437543.24	132630.29	5895840	10.0000

TS

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

Extraction Date: 12/23/2022
Plate lot#: 220802
Mobile phase A: 10mM Amm Form in LCMS Water
Blank Blood Lot: Lampire 22B52015-2
LCMS-QQQ ID: 069901

Analyst: Tamara Salazar
Plate Retest Date: 02/02/2023
Mobile phase B: 0.1% Formic acid in MeOH
Blank Urine Lot: Click here to enter text.
Column: Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)

Pre-Analytic:

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

Analytic:

☒ 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
☐ 2. Urine hydrolysis: add 1.5mL urine to blank plate, add 250µl 1N KOH. Shake and incubate at 40 degrees for 15 minutes.
☒ 3. Using a calibrated pipette, pipette 1000µL blood or 1000µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42
☒ 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 5. Add **500µL of 0.1% formic acid in water to blood samples, and 500µL of saturated phosphate buffer to urine samples** in the wells of the analytical plate.
☒ 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 7. Transfer **700-800µL of blood+acid or urine+acid** mixture to corresponding wells of SLE+ plate. Amount transferred*: 750 µL*
☒ 8. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). ***(Load at 85-100 PSI- Selector to the right)***
☒ 9. Wait 5 minutes.
☒ 10. Add **2.25mL MTBE. (*Add in 3 increments of 750uL)***
☒ 11. Wait 5 minutes.
☒ 12. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 13. Add **2.25mL Hexane. (*Add in 3 increments of 750uL)***
☒ 14. Wait 5 minutes.
☒ 15. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 16. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
☒ 17. Reconstitute in **100µL 100% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

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

TS

	1	2	3	4	5	6
A	IS + Cal. 1	IS + QC_1	M2022-5030-1	P2022-3692-2	P2022-3777-1	IS + QC_1
B	IS + Cal. 2	Neg Blood	M2022-5084-2	P2022-3717-1	P2022-3778-1	IS + Cal. 7
C	IS + Cal. 3	M2022-4638-1	M2022-5112-2	P2022-3732-1	P2022-3779-1	IS + Cal. 6
D	IS + Cal. 4	M2022-4641-1	P2020-3377-1	P2022-3757-1	P2022-3806-1	IS + Cal. 5
E	IS + Cal. 5	M2022-4759-1	P2022-3665-1	P2022-3763-1	P2022-3837-1	IS + Cal. 4
F	IS + Cal. 6	M2022-4888-1	P2022-3668-1	P2022-3769-1	P2022-3839-1	IS + Cal. 3
G	IS + Cal. 7	M2022-4959-4	P2022-3685-1	P2022-3773-1	P2022-3840-1	IS + Cal. 2
H	IS + QC_1	M2022-5008-1	P2022-3686-1	P2022-3774-1	IS + QC_1	IS + Cal. 1

All wells to contain 100 µl of residual DMSO

TS

	1	2	3	4	5	6
A	IS + Cal. 1	IS + QC_1	M2022-5030-1	P2022-3692-2	P2022-3777-1	
B	IS + Cal. 2	Neg Blood	M2022-5084-2	P2022-3717-1	P2022-3778-1	
C	IS + Cal. 3	M2022-4638-1	M2022-5112-2	P2022-3732-1	P2022-3779-1	
D	IS + Cal. 4	M2022-4641-1	P2020-3377-1	P2022-3757-1	P2022-3806-1	
E	IS + Cal. 5	M2022-4759-1	P2022-3665-1	P2022-3763-1	P2022-3837-1	
F	IS + Cal. 6	M2022-4888-1	P2022-3668-1	P2022-3769-1*	P2022-3839-1	
G	IS + Cal. 7	M2022-4959-4	P2022-3685-1	P2022-3773-1	P2022-3840-1	
H	IS + QC_1	M2022-5008-1	P2022-3686-1	P2022-3774-1	P2022-3769-1	

*Moved during step 7 of the extration due to a blood clot.

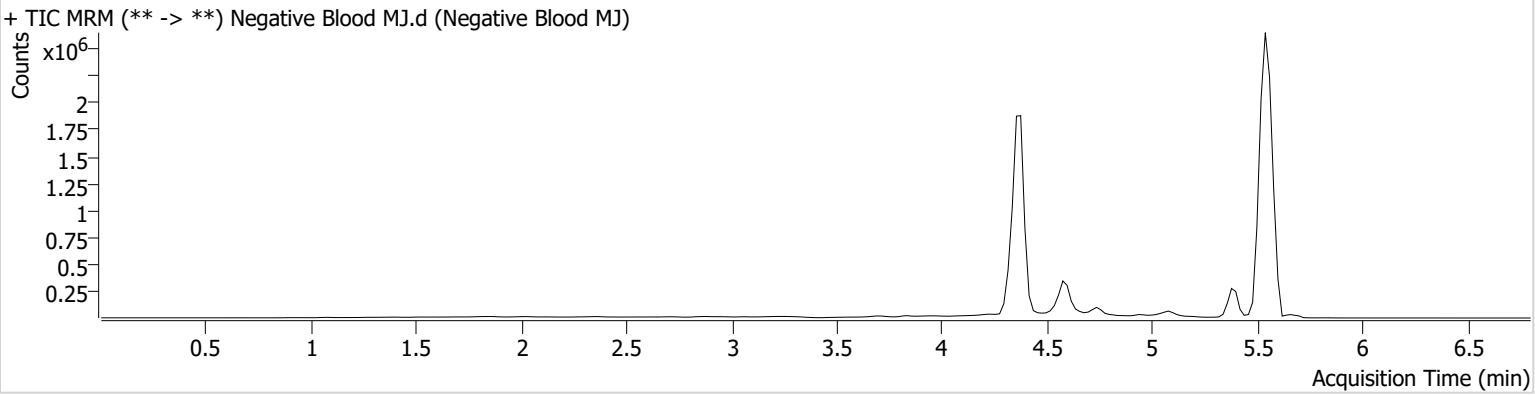
TS

AM #26 Cannabinoids Screen Results

Batch results	D:\MassHunter\Data\2022\AM 25-26\122322 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update	12/23/2022 4:40:49 PM

Instrument	Falco (069901)	**Data File**	Negative Blood MJ.d
Type	Sample	**Sample**	Negative Blood MJ
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-B2	**Comment**	
Injection Volume	10		
Acq. Date-Time	12/23/2022 12:34:19 PM		
Sample Info.			

Sample Chromatogram



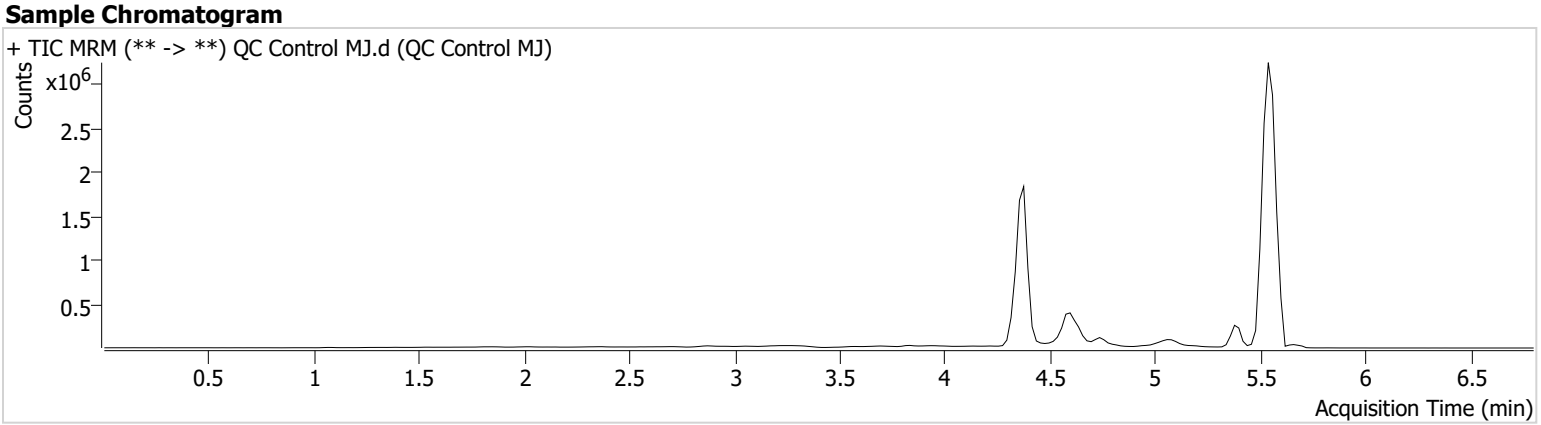
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2022\AM 25-26\122322 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 12/23/2022 4:40:49 PM

Instrument	Falco (069901)	**Data File**	QC Control MJ.d
Type	QC	**Sample**	QC Control MJ
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-H1	**Comment**	
Injection Volume	10		
Acq. Date-Time	12/23/2022 12:19:08 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.570	9746	213872	5.2068	ng/ml
THC-COOH	4.616	231110	1216654	14.1811	ng/ml
THC-OH	4.382	58989	6356985	4.6742	ng/ml

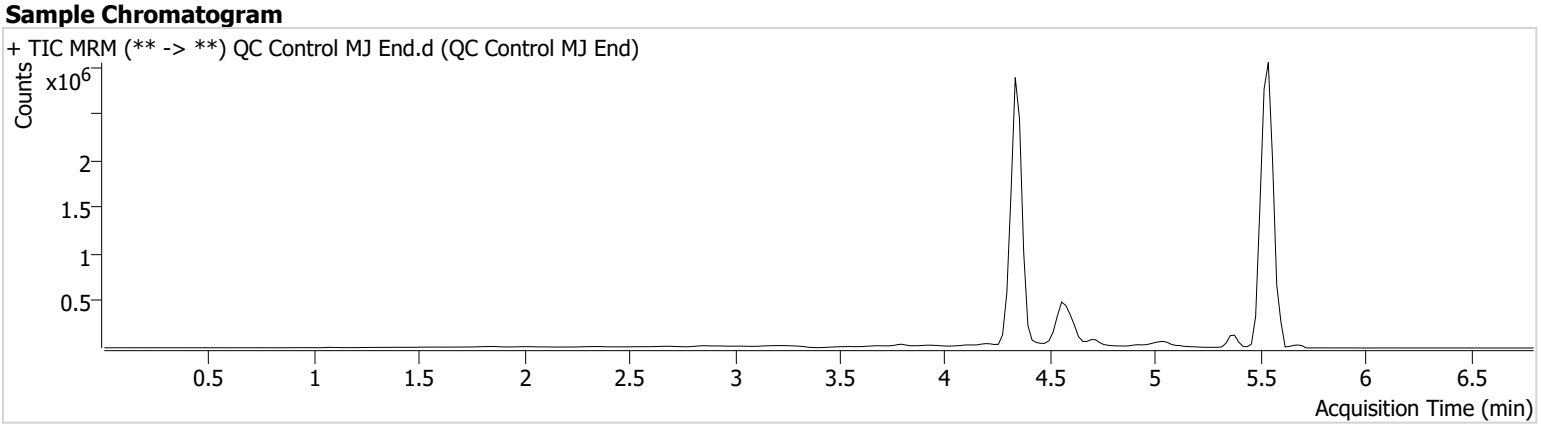
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2022\AM 25-26\122322 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 12/23/2022 4:40:49 PM

Instrument	Falco (069901)	**Data File**	QC Control MJ End.d
Type	QC	**Sample**	QC Control MJ End
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-A2	**Comment**	
Injection Volume	10		
Acq. Date-Time	12/23/2022 4:21:36 PM		
Sample Info.			

Sample Chromatogram

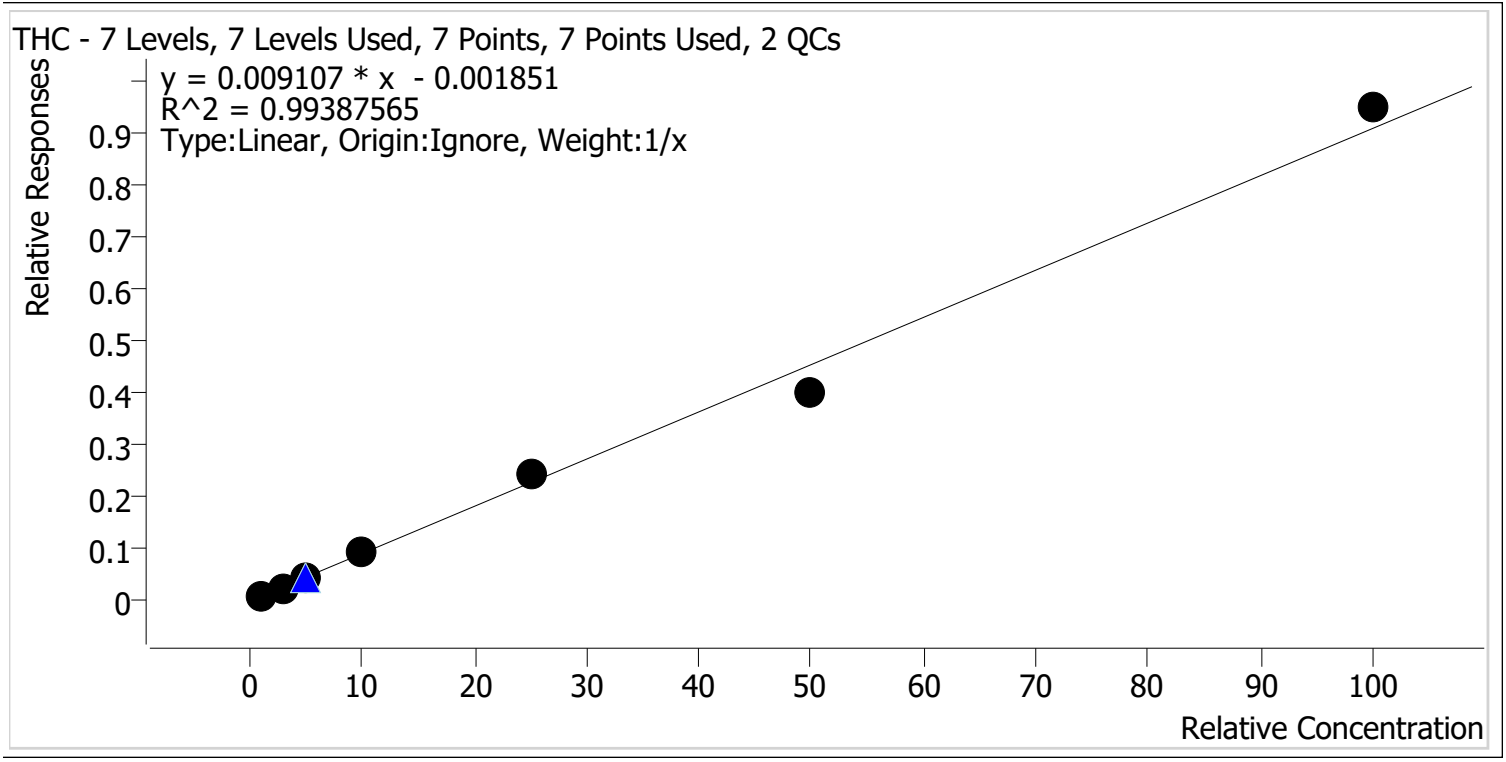


Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.509	12768	291867	5.0070	ng/ml
THC-COOH	4.596	292891	1661329	13.2192	ng/ml
THC-OH	4.362	85827	9830684	4.4053	ng/ml

TS

AM #26 Cannabinoids Screen Calibration Curve Report

Batch results	D:\MassHunter\Data\2022\AM 25-26\122322 AM 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update	12/23/2022 4:40 PM
Analyst Name	ISP\Datastor
Analyte	THC
Internal Standard	THC-D3

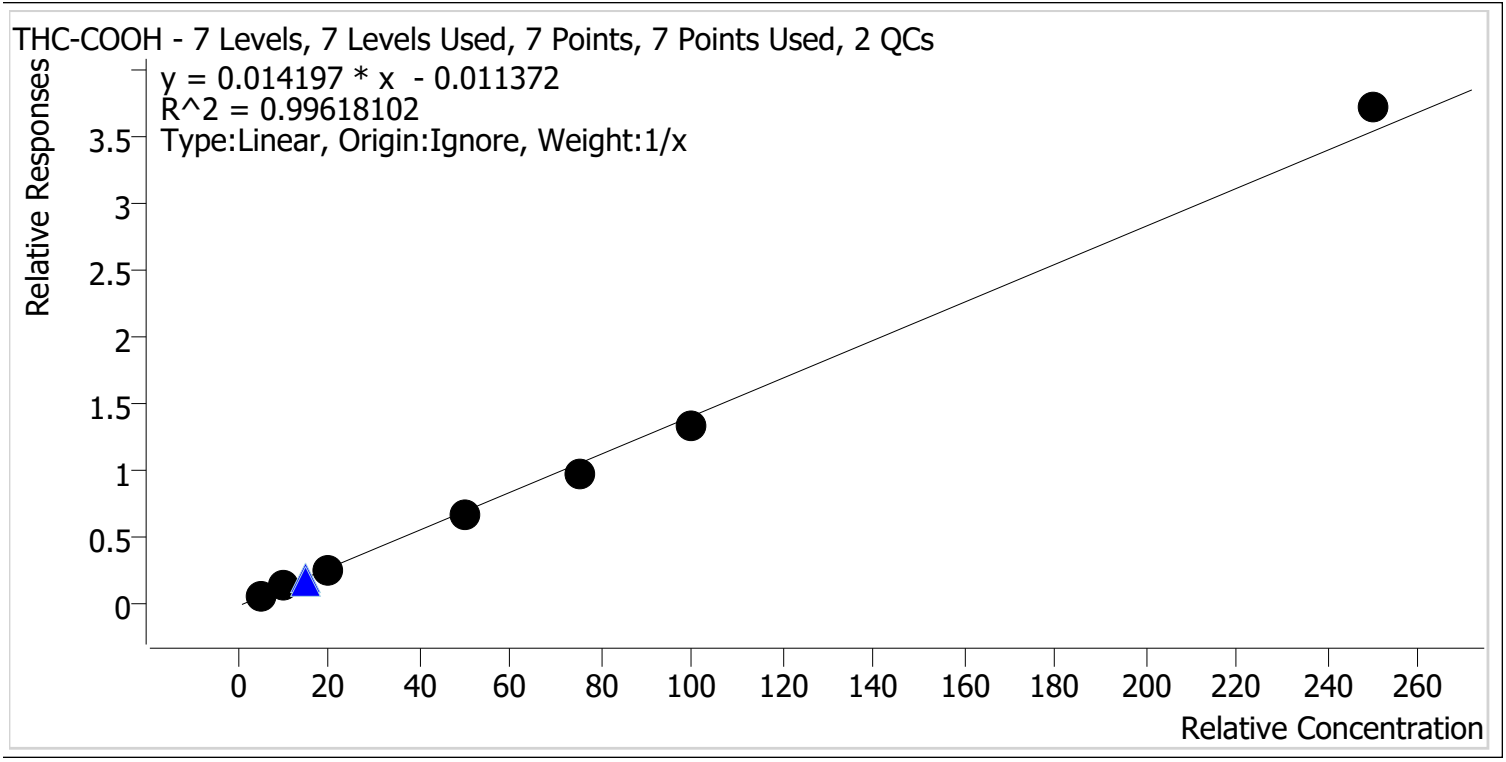


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
Cal 1 MJ	1	✔	1.0	1.1	107.5
Cal 2 MJ	2	✔	3.0	2.8	93.1
Cal 3 MJ	3	✔	5.0	4.9	97.3
Cal 4 MJ	4	✔	10.0	10.4	103.8
Cal 5 MJ	5	✔	25.0	26.5	105.8
Cal 6 MJ	6	✔	50.0	44.1	88.1
Cal 7 MJ	7	✔	100.0	104.4	104.4

TS

AM #26 Cannabinoids Screen Calibration Curve Report

Batch results	D:\MassHunter\Data\2022\AM 25-26\122322 AM 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update	12/23/2022 4:40 PM
Analyst Name	ISP\Datastor
Analyte	THC-COOH
Internal Standard	THC-COOH-D9

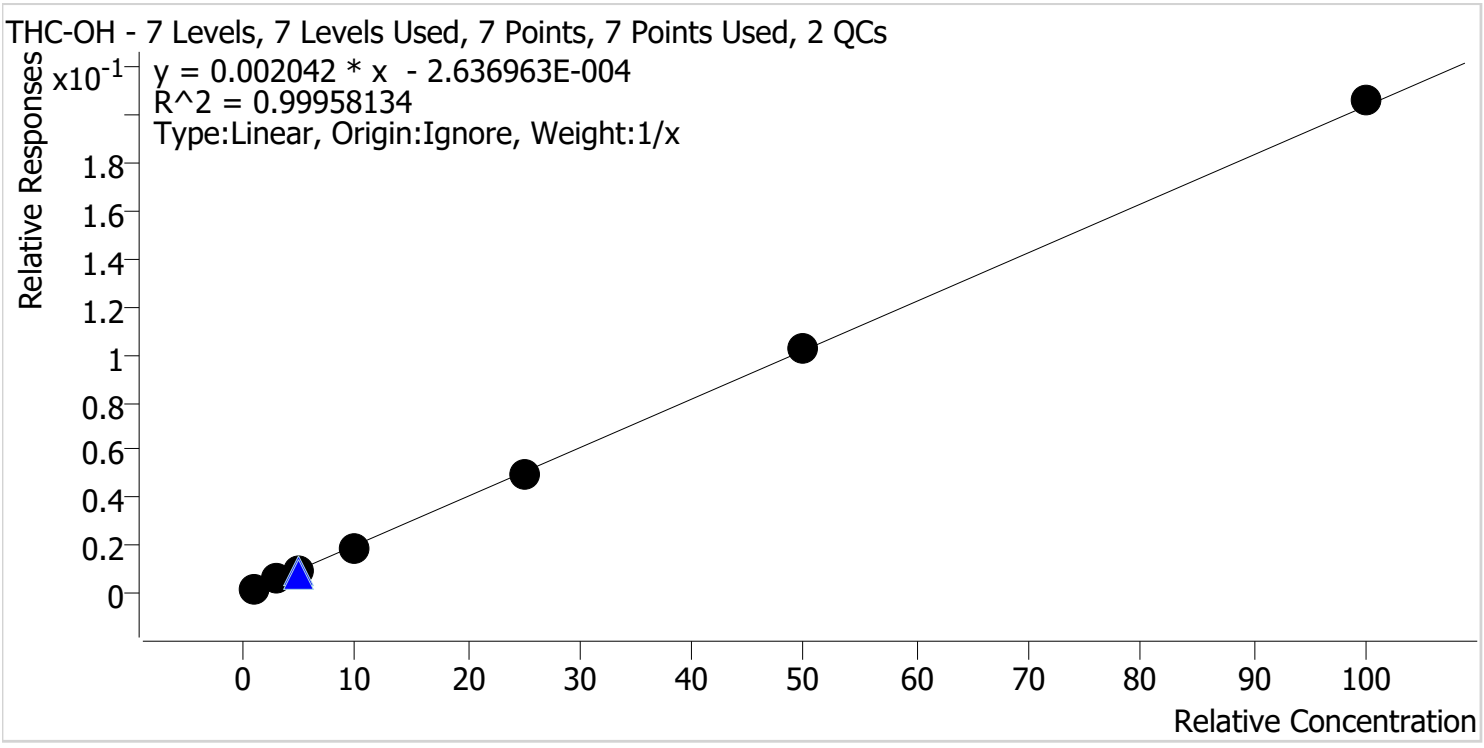


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
Cal 1 MJ	1	✔	5.0	5.4	108.3
Cal 2 MJ	2	✔	10.0	10.8	107.9
Cal 3 MJ	3	✔	20.0	19.1	95.4
Cal 4 MJ	4	✔	50.0	47.6	95.3
Cal 5 MJ	5	✔	75.0	70.4	93.9
Cal 6 MJ	6	✔	100.0	94.2	94.2
Cal 7 MJ	7	✔	250.0	262.4	105.0

TS

AM #26 Cannabinoids Screen Calibration Curve Report

Batch results	D:\MassHunter\Data\2022\AM 25-26\122322 AM 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update	12/23/2022 4:40 PM
Analyst Name	ISP\Datastor
Analyte	THC-OH
Internal Standard	THC-OH-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
Cal 1 MJ	1	✔	1.0	1.1	111.8
Cal 2 MJ	2	✔	3.0	3.0	99.0
Cal 3 MJ	3	✔	5.0	4.7	94.1
Cal 4 MJ	4	✔	10.0	9.6	96.1
Cal 5 MJ	5	✔	25.0	24.5	98.0
Cal 6 MJ	6	✔	50.0	50.0	100.0
Cal 7 MJ	7	✔	100.0	101.1	101.1

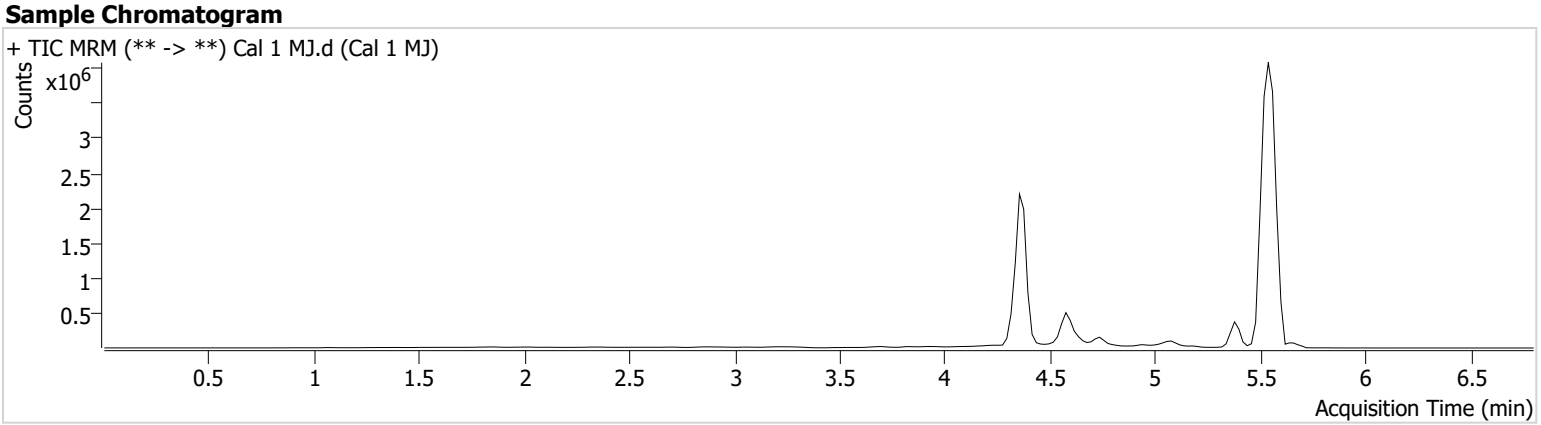
TS

AM #26 Cannabinoids Screen Results

Batch results	D:\MassHunter\Data\2022\AM 25-26\122322 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update	12/23/2022 4:40:49 PM

Instrument	Falco (069901)	**Data File**	Cal 1 MJ.d
Type	Cal	**Sample**	Cal 1 MJ
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-A1	**Comment**	
Injection Volume	10		
Acq. Date-Time	12/23/2022 11:26:00 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.		
THC	5.590	5543	698370	1.0748	ng/ml	**Low**
THC-COOH	4.616	107569	1641525	5.4168	ng/ml	
THC-OH	4.382	16337	8094975	1.1177	ng/ml	**Low**

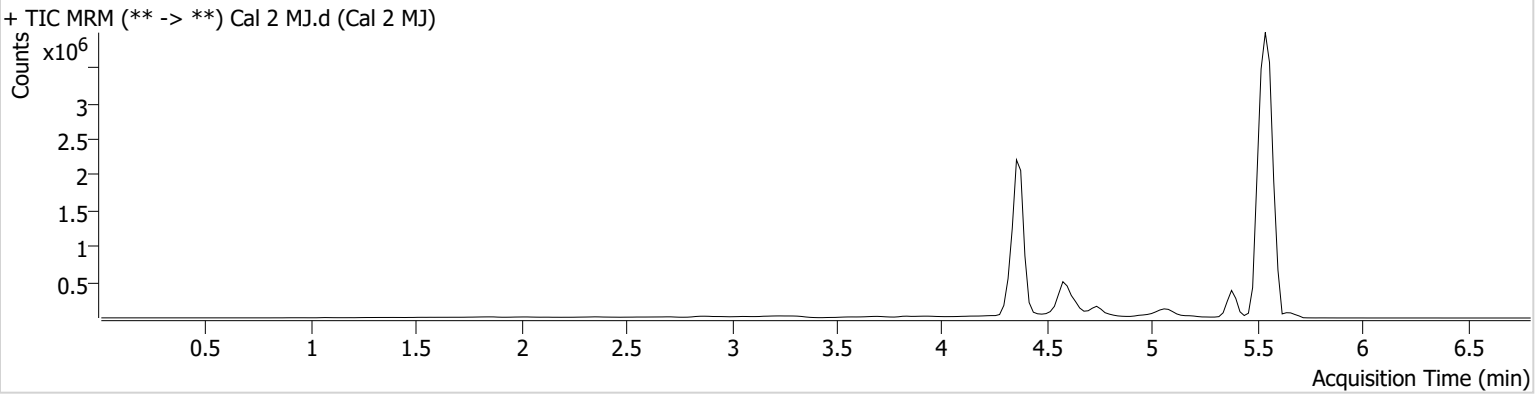
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2022\AM 25-26\122322 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 12/23/2022 4:40:49 PM

Instrument	Falco (069901)	**Data File**	Cal 2 MJ.d
Type	Cal	**Sample**	Cal 2 MJ
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-B1	**Comment**	
Injection Volume	10		
Acq. Date-Time	12/23/2022 11:33:44 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.		
THC	5.570	17428	739023	2.7928	ng/ml	**Low**
THC-COOH	4.616	227072	1600753	10.7929	ng/ml	
THC-OH	4.382	47467	8188102	2.9685	ng/ml	**Low**

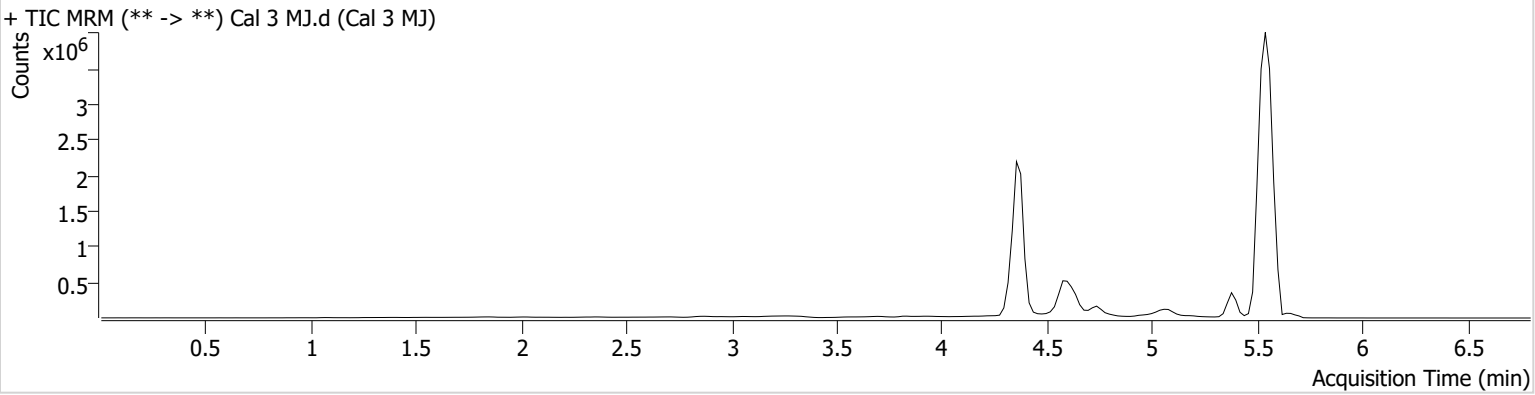
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2022\AM 25-26\122322 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 12/23/2022 4:40:49 PM

Instrument	Falco (069901)	**Data File**	Cal 3 MJ.d
Type	Cal	**Sample**	Cal 3 MJ
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-C1	**Comment**	
Injection Volume	10		
Acq. Date-Time	12/23/2022 11:41:19 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.570	23966	564316	4.8666	ng/ml
THC-COOH	4.616	394811	1522170	19.0707	ng/ml
THC-OH	4.382	72006	7708614	4.7043	ng/ml

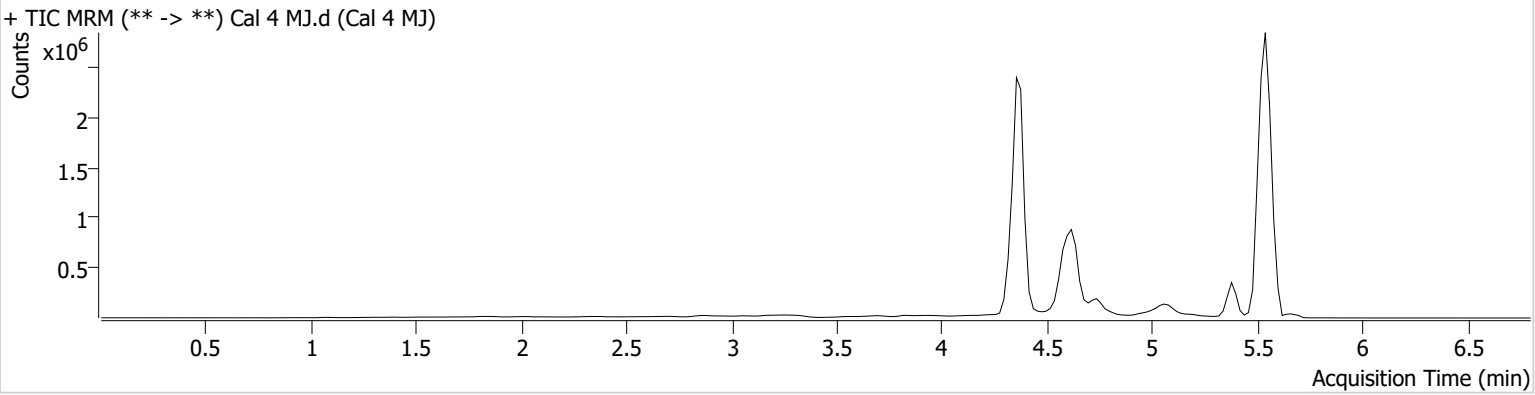
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2022\AM 25-26\122322 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 12/23/2022 4:40:49 PM

Instrument	Falco (069901)	**Data File**	Cal 4 MJ.d
Type	Cal	**Sample**	Cal 4 MJ
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-D1	**Comment**	
Injection Volume	10		
Acq. Date-Time	12/23/2022 11:48:53 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.570	35613	384354	10.3774	ng/ml
THC-COOH	4.616	1054336	1585260	47.6483	ng/ml
THC-OH	4.382	155004	8005898	9.6122	ng/ml

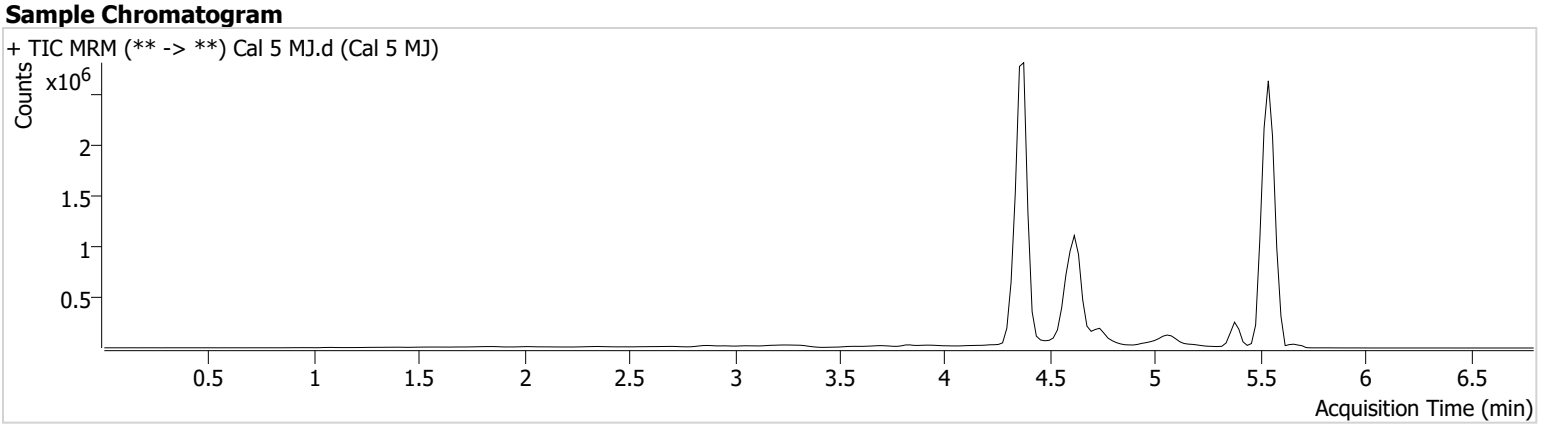
TS

AM #26 Cannabinoids Screen Results

Batch results	D:\MassHunter\Data\2022\AM 25-26\122322 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update	12/23/2022 4:40:49 PM

Instrument	Falco (069901)	**Data File**	Cal 5 MJ.d
Type	Cal	**Sample**	Cal 5 MJ
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-E1	**Comment**	
Injection Volume	10		
Acq. Date-Time	12/23/2022 11:56:27 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.570	74276	310662	26.4566	ng/ml
THC-COOH	4.616	1439532	1456676	70.4098	ng/ml
THC-OH	4.382	392362	7886917	24.4957	ng/ml

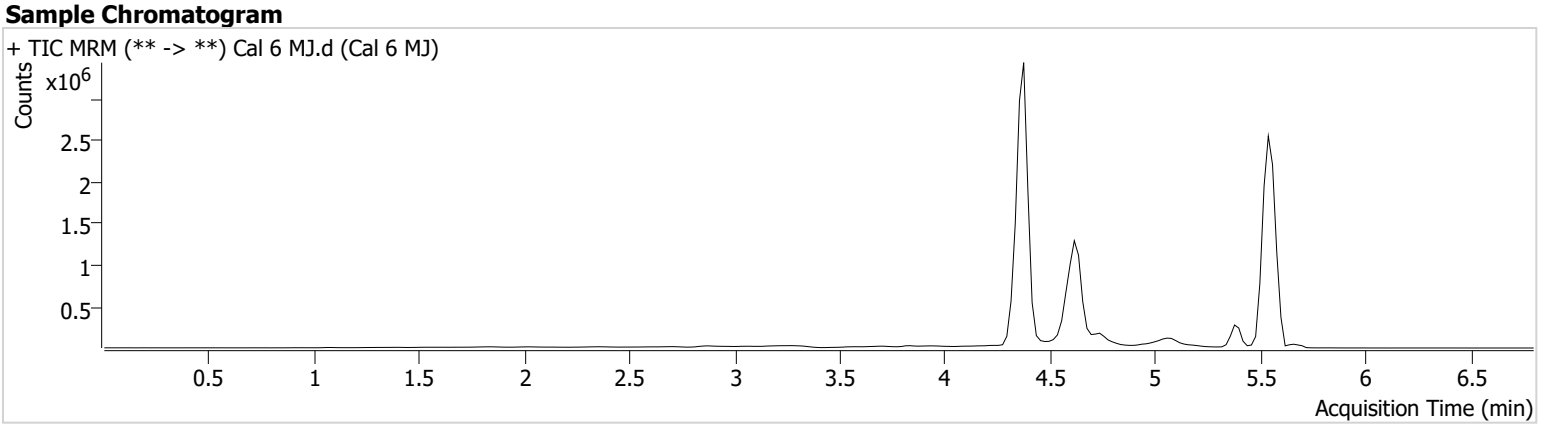
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2022\AM 25-26\122322 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 12/23/2022 4:40:49 PM

Instrument	Falco (069901)	**Data File**	Cal 6 MJ.d
Type	Cal	**Sample**	Cal 6 MJ
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-F1	**Comment**	
Injection Volume	10		
Acq. Date-Time	12/23/2022 12:04:01 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.570	140769	352420	44.0637	ng/ml
THC-COOH	4.616	1671683	1260247	94.2348	ng/ml
THC-OH	4.382	697858	6855030	49.9914	ng/ml

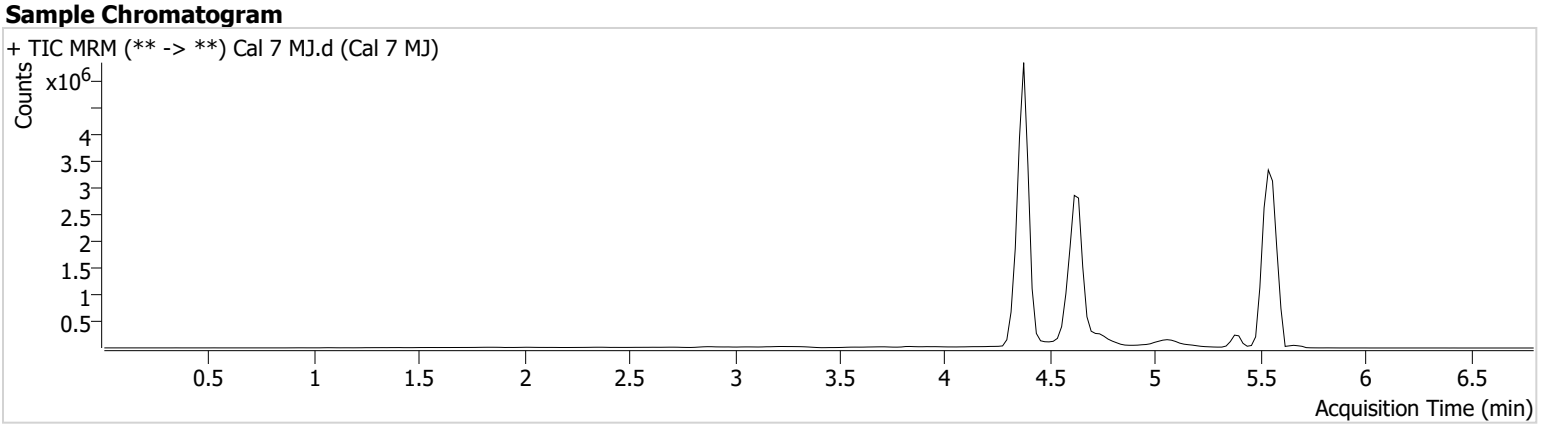
TS

AM #26 Cannabinoids Screen Results

Batch results	D:\MassHunter\Data\2022\AM 25-26\122322 AM 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update	12/23/2022 4:40:49 PM

Instrument	Falco (069901)	**Data File**	Cal 7 MJ.d
Type	Cal	**Sample**	Cal 7 MJ
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-G1	**Comment**	
Injection Volume	10		
Acq. Date-Time	12/23/2022 12:11:35 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.590	173939	183358	104.3681	ng/ml
THC-COOH	4.616	4627748	1245935	262.4266	ng/ml
THC-OH	4.382	1417761	6876650	101.1103	ng/ml