






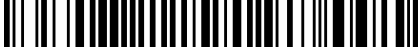


Worklist: 3837

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2019-4820	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2019-4821	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2019-4889	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2019-4892	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2019-5005	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3038	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3038	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3085	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3114	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3169	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3189	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3209	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3218	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3285	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3285	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3412	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3416	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3417	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3418	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3429	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3438	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2019-3442	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3443	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3444	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3454	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3495	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3500	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3501	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2019-3508	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

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

Extraction Date: 11/22/19
 Plate lot#: 0543908

Analyst: Sarah Pickle
 Plate Expiration: 11/28/19

Mobile phase A: 10mM Amm Form
 0.5M Ammonium Hydroxide

Mobile phase B: 0.1% Formic Acid in MeOH
 Ethyl Acetate LC Methanol

Blank Blood Lot: 445283-3
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. Pipette **250 µL blood (calibrated pipette)** in wells of analytical (standards) plate. **Pipette ID: #16**
- 3. Place on shaking incubator at ambient temp., 900 rpm for 15 minutes. *Shaker ID: 067105*
- 4. Pipette **250 µL of 0.5 M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900 rpm for 15 minutes.
- 6. Transfer **300 µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 067104
- 8. Wait 5 minutes.
- 9. Add **900 µL ethyl acetate.**
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 10-15 seconds. *(12-15 PSI- Selector to the left).*
- 12. Add **900 µL ethyl acetate.**
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 10-15 seconds. *(12-15 PSI- Selector to the left).*
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 067103
- 16. Reconstitute in **100 µL 100% 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.
 Batch Name: MDS Worklist path: D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP
- 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 5 or greater or 2-5 for discretionary range.
- 4. Did all QCs pass for each analyte? Y / N _____
- 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:



Idaho State Police Forensic Services

AM #25 Blood Multi-Drug Screen by LCMS-QQQ

Methanol External Control Solution (Lot: 042719)

100 ul of 1mg/mL stock was added to each drug to 9600 ul of LC MeOH.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	184782	
Morphine	Cerilliant	FE08141515	November 2020
Metoprolol	Cerilliant	FN06091510	July 2020
Flunitrazepam	Cerilliant	FE08051602	August 2021
Trazodone	Cerilliant	FN12151403	January 2020
Prepared:	04/27/19		
Prepared By:	Tamara Salazar		
Expires:	01/31/2020		

Blood External Control Solution (Lot: WS042719)

100 ul of methanol external control solution was added to 9900 ul of blood.

Approximately 50ng/mL of each compound.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Blood	Hemostat	445283-1
Methanol External Control Solution		042719
Prepared:	04/27/19	
Prepared by:	Tamara Salazar	
Expires:	01/31/2020	

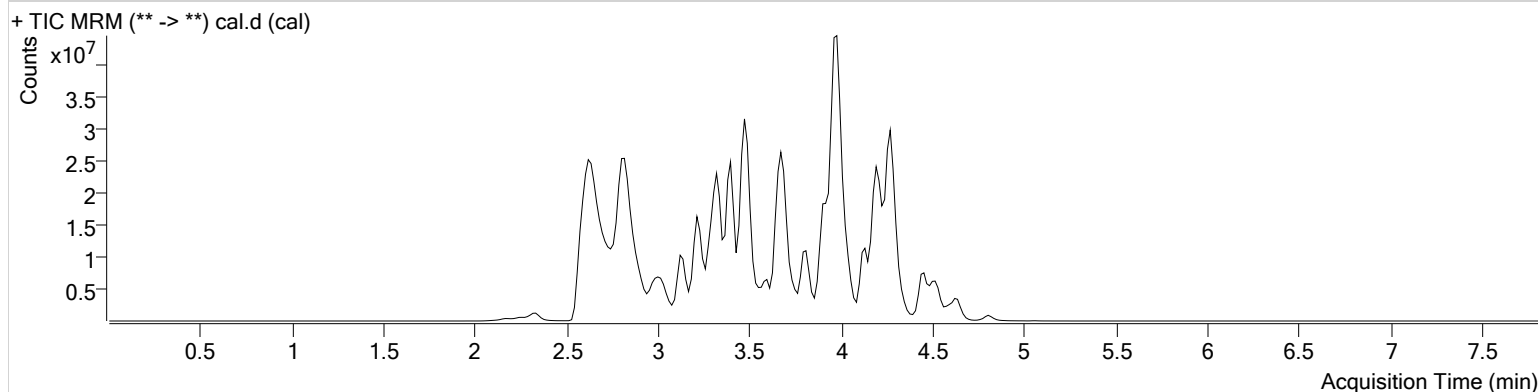
AM #25 Multi-Drug Screen Results



Batch results D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP\QuantResults\MDS.batch.bin
Calibration Last Update 11/25/2019 11:04:28 AM

Instrument	Falco	Data File	cal.d
Type	Cal	Sample	cal
Acq. Method	am 25 all.m	Operator	Sarah Pickle
Sample Position	P2-A7	Comment	
Injection Volume	5		
Acq. Date-Time	11/22/2019 4:39:08 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
6-MAM	2.783	33633	268.78	564.19	752841	10.0000
7-aminoclonazepam	3.536	631775	1044.18	488266.01	2287084	10.0000
7-aminoflunitrazepam	3.765	1872602	2731.99	84.04	9401499	10.0000
Acetyl Fentanyl	3.655	314420	332.10	164.89	24244726	10.0000
Acetyl Norfentanyl	2.793	200924	124.61	101.44	7961687	10.0000
a-hydroxyalprazolam	4.484	77907	72.55	384.57	405838	10.0000
alpha-hydroxymidazolam	4.467	831848	235.02	39451.78	6255000	10.0000
alpha-PVP	3.404	4935199	932.28	4087.43	20112334	10.0000
Alprazolam	4.594	1289853	∞	1191.39	3132846	10.0000
Amitriptyline	4.306	2929251	21.38	465.92	6986654	10.0000
Amphetamine	2.782	2134530	∞	940.94	4557142	10.0000
Benzoylcegonine	3.351	671002	169.59	522.14	3140486	10.0000
Buprenorphine	3.958	256696	184.66	91.06	1233398	10.0000
Bupropion	3.603	3234308	867.56	413.87	10101414	10.0000
Carbamazepine	4.218	3458486	∞	∞	20830033	10.0000
Carisoprodol	4.201	418856	628.37	33.34	2674634	10.0000
Chlordiazepoxide	4.534	348273	∞	∞	9186556	10.0000
Chlorpheniramine	3.827	25836	2000.38	∞	40443758	10.0000
Citalopram	3.962	1522478	1929.80	1093.50	7471829	10.0000
Clonazepam	4.424	132098	257.64	∞	261447	10.0000
Cocaine	3.458	5694722	5699506.17	977.26	23532406	10.0000
Codeine	2.666	326479	∞	641.15	1214657	10.0000
Cyclobenzaprine	4.230	2818738	249290.26	205.03	8863010	10.0000
Desipramine	4.262	3258380	25052.48	∞	20260928	10.0000
Dextromethorphan	3.952	1373939	1310.03	354.05	6705802	10.0000
Dextrorphan	3.278	3269311	5613.20	1157672.86	20358639	10.0000
Diazepam	4.826	337580	∞	231.61	1851964	10.0000
Dihydrocodeine	2.635	901620	137.93	176.29	4795458	10.0000
Diphenhydramine	3.923	8255446	294755.99	1070.33	40443758	10.0000
Doxepin	4.043	2243087	1813.92	∞	15052079	10.0000
Doxylamine	3.491	12463289	851389.02	939940.24	38725143	10.0000
EDDP	3.981	4987359	2305.72	∞	28670274	10.0000
Estazolam	4.503	2421781	∞	171.92	7192862	10.0000
Etizolam	4.604	244121	14937.79	2577.27	7192862	10.0000

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AM #25 Multi-Drug Screen Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Fentanyl	3.883	313711	469.01	9195.51	15677532	10.0000
Flunitrazepam	4.547	770783	2834.05	1872.29	134699	10.0000
Fluoxetine	4.225	2309630	∞	109.51	10652497	10.0000
Flurazepam	4.005	1880222	2927.64	214.52	134699	10.0000
Hydrocodone	2.849	1113238	∞	∞	6351630	10.0000
Hydromorphone	2.338	926050	819.02	124.67	3426917	10.0000
Imipramine	4.274	4690229	1224224.97	266.45	16119691	10.0000
Ketamine	3.234	4041053	589.53	326.18	18202843	10.0000
Lamotrigine	3.401	291589	187.36	73.68	12179448	10.0000
Levamisole	2.809	3647825	∞	∞	23532406	10.0000
Lorazepam	4.408	41092	20.87	21.27	261447	10.0000
Maprotiline	4.306	3177648	117.00	404.45	6986654	10.0000
MDA	2.917	1283647	376.56	337.58	5478696	10.0000
MDEA	3.145	4786473	730.26	603.95	22034583	10.0000
MDMA	2.992	5631796	384513.85	1259.76	3746762	10.0000
Meperidine	3.479	2512011	3161.20	470.99	12179448	10.0000
Meprobamate	3.636	103765	10347.65	19.24	479371	10.0000
Methadone	4.271	6206145	13261.37	∞	25213578	10.0000
Methamphetamine	2.887	3272572	725.78	908.74	15067552	10.0000
Methocarbamol	3.541	196189	∞	∞	12179448	10.0000
Methylphenidate	3.404	10332191	∞	16.04	37074882	10.0000
Metoprolol	3.338	761373	10651.22	345.26	12179448	10.0000
Midazolam	4.299	380117	686.78	∞	3702752	10.0000
Mirtazapine	3.569	3109191	282.02	274.06	12179448	10.0000
Mitragynine	4.020	565696	71450.52	656151.68	15052079	10.0000
Morphine	2.174	229573	847.56	858.52	128405	10.0000
Norbuprenorphine	3.744	13128	5339.53	21.17	49992	10.0000
Nordiazepam	4.676	211430	496.12	95.04	637213	10.0000
Norfentanyl	3.235	4566949	844716.78	1271.64	18866219	10.0000
Norhydrocodone	2.835	27374	358.57	52.55	836969	10.0000
Normeperidine	3.496	1805464	1013.06	12.59	5719635	10.0000
Noroxycodone	2.803	607655	183.07	11.33	2011338	10.0000
Nortriptyline	4.308	1376690	407558.60	545.10	3147380	10.0000
O-desmethyl-tramadol	2.822	10222650	5333.37	14.58	40466180	10.0000
Olanzapine	3.150	1137967	466348.60	1009.74	143644	10.0000
Oxazepam	4.489	151112	68.59	29.59	943943	10.0000
Oxycodone	2.800	1954145	296.99	397.70	8038789	10.0000
Oxymorphone	2.243	542944	∞	∞	1726028	10.0000
Paroxetine	4.253	173385	6.49	83.14	10493774	10.0000
Phenazepam	4.619	225254	630.05	∞	1227514	10.0000
Phencyclidine	3.816	4863648	1536.58	672.76	21827254	10.0000
Phentermine	3.040	1040938	294.06	4.21 Low	11801178	10.0000
Phenytoin	4.124	23435	113.14	25.24	143644	10.0000
Promethazine	4.181	9283750	∞	∞	33231115	10.0000
Pseudoephedrine	2.628	45343099	∞	∞	163568999	10.0000
Quetiapine	4.128	5008773	927676.19	908.63	6854370	10.0000
Sertraline	4.441	2154537	13870.09	13294.45	10493774	10.0000
Sufentanil	4.128	297077	708.98	225.92	18708368	10.0000
Tapentadol	3.343	4619363	674.75	∞	21306204	10.0000
Temazepam	4.641	1037065	∞	3.03 Low	5408443	10.0000
Tramadol	3.324	9912818	754.35	266.73	37149125	10.0000
Trazodone	3.959	2258726	∞	543771.16	9845153	10.0000
Venlafaxine	3.689	6653861	∞	276.93	30672128	10.0000
Zaleplon	4.349	894819	1118.97	197225.94	1806784	10.0000
Zolpidem	3.671	8396709	30429.27	∞	35544332	10.0000
Zopiclone	3.623	148922	76455.27	238.58	639507	10.0000

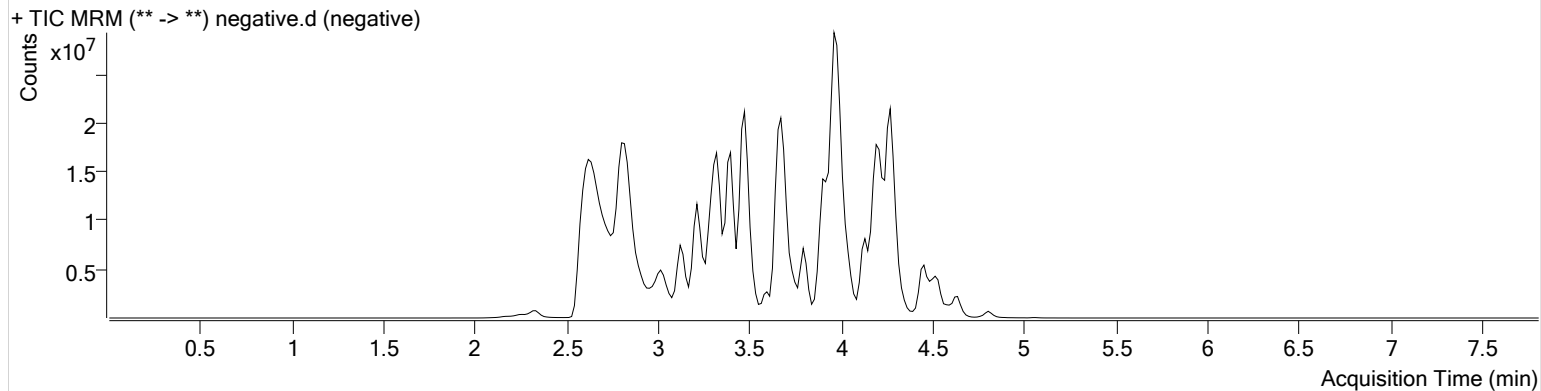
AM #25 Multi-Drug Screen Results



Batch results D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP\QuantResults\MDS.batch.bin
Calibration Last Update 11/25/2019 11:04:28 AM

Instrument	Falco	Data File	negative.d
Type	Sample	Sample	negative
Acq. Method	am 25 all.m	Operator	Sarah Pickle
Sample Position	P2-E7	Comment	
Injection Volume	5		
Acq. Date-Time	11/22/2019 4:47:36 PM		
Sample Info.			

Sample Chromatogram



AM #25 Multi-Drug Screen Results

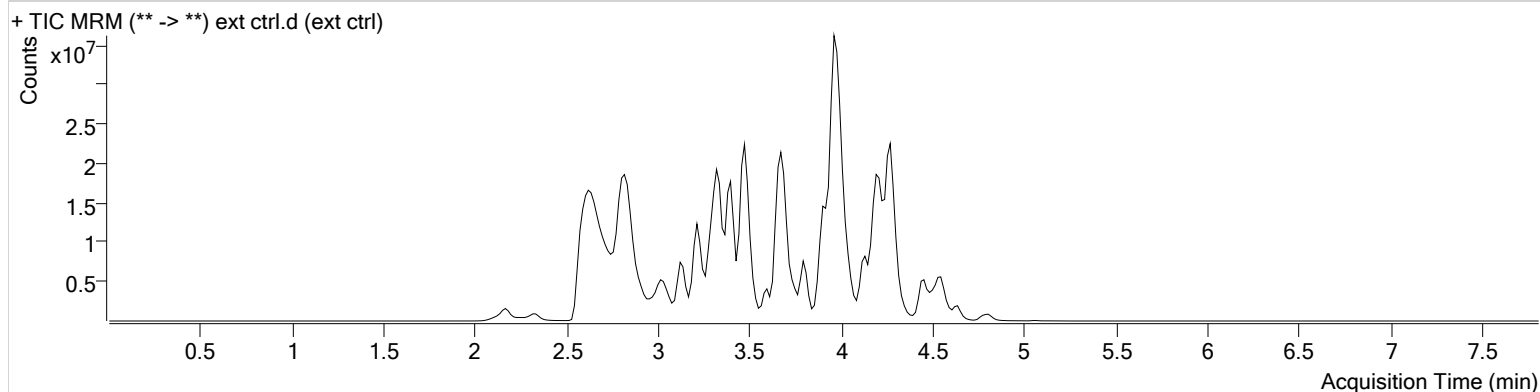


Batch results D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP\QuantResults\MDS.batch.bin
Calibration Last Update 11/25/2019 11:04:28 AM

Instrument	Falco	Data File	ext ctrl.d
Type	Sample	Sample	ext ctrl
Acq. Method	am 25 all.m	Operator	Sarah Pickle
Sample Position	P2-F7	Comment	
Injection Volume	5		
Acq. Date-Time	11/22/2019 4:55:54 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Flunitrazepam	4.547	5972829	613824.95	∞	139213	74.9779
Metoprolol	3.338	5230427	10937.10	∞	12289061	68.0845
Morphine	2.174	2136043	∞	∞	156980	76.1074
Trazodone	3.959	16107413	369192.61	5660047.52	9617257	73.0018

AM# 26: THC and Metabolites Screen in Blood by LC-MS/MS

Extraction Date: 11/22//19Analyst: Sarah Pickle

Plate lot#: Lot # 190716 Item# IDP-108

Plate Expiration: 1/16/20

Mobile phase A: 10mM Ammonium Formate
0.1% Formic Acid in Water

Mobile phase B: 0.1% Formic acid in MeOH
MTBE Hexane

Blank Blood Lot: 445283-3

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

LCMS-QQQ 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. Pipette **1000 µL blood (calibrated pipette)** in wells of analytical (standards) plate. **Pipette ID: #3382167**
- 3. Place on shaking incubator at ambient temp., 900 rpm for 15 minutes. *Shaker ID: 067105*
- 4. Pipette **500 µL 0.1% formic acid** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900 rpm for 15 minutes.
- 6. Transfer **800 µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 067104
- 8. Wait 5 minutes.
- 9. Add **2.25 mL MTBE** (add in 3 increments of 750 µL).
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 10-15 seconds. **(12-15 PSI- Selector to the left).**
- 12. Add **2.25 mL hexane** (add in 3 increments of 750 µL).
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 10-15 seconds. **(12-15 PSI- Selector to the left).**
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 067103
- 16. Reconstitute in **100 µL 100% LCMS MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Create batch and process data.
Worklist path: D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP Batch Name: THCS
- 2. Calculated sample concentration of 3 ng/mL or greater for THC and THC-OH, a calculated sample concentration of 10 ng/mL or greater for Carboxy-THC.
- 3. Retention time within +/- 2% or +/-0.100 min whichever is greater of the average retention time of the calibrators.
- 4. Did all QCs pass for each analyte? Y / N
- 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:

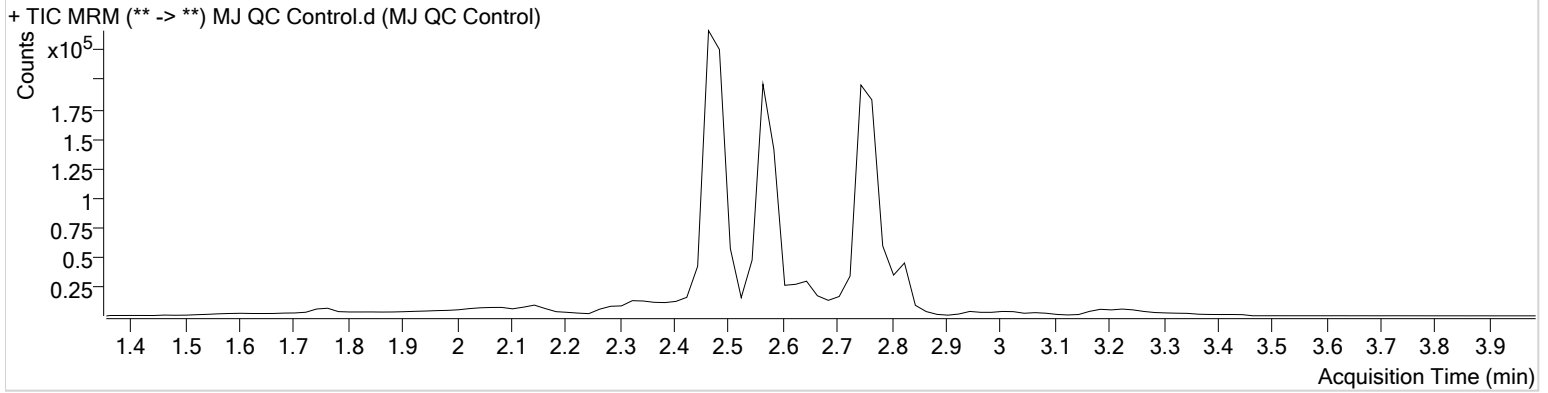
AM #26 Cannabinoids Screen Results



Batch results D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP\QuantResults\THCS.batch.bin
Calibration Last Update 11/24/2019 9:30:34 AM

Instrument	Falco	Data File	MJ QC Control.d
Type	Sample	Sample	MJ QC Control
Acq. Method	am 26 test.m	Operator	Sarah Pickle
Sample Position	P3-H1	Comment	
Injection Volume	10		
Acq. Date-Time	11/22/2019 12:35:36 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.819	4768	61880	11.4052 ng/ml
THC-COOH	2.585	58668	274645	14.4239 ng/ml
THC-OH	2.491	29072	619060	4.7382 ng/ml

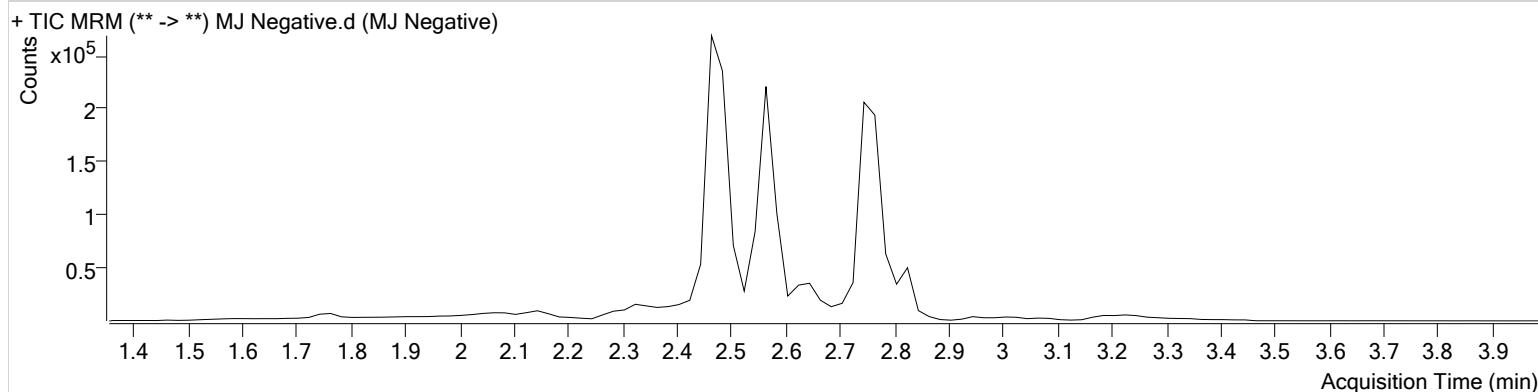
AM #26 Cannabinoids Screen Results



Batch results D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP\QuantResults\THCS.batch.bin
Calibration Last Update 11/24/2019 9:30:34 AM

Instrument	Falco	Data File	MJ Negative.d
Type	Sample	Sample	MJ Negative
Acq. Method	am 26 test.m	Operator	Sarah Pickle
Sample Position	P3-A2	Comment	
Injection Volume	10		
Acq. Date-Time	11/22/2019 12:48:39 PM		
Sample Info.			

Sample Chromatogram

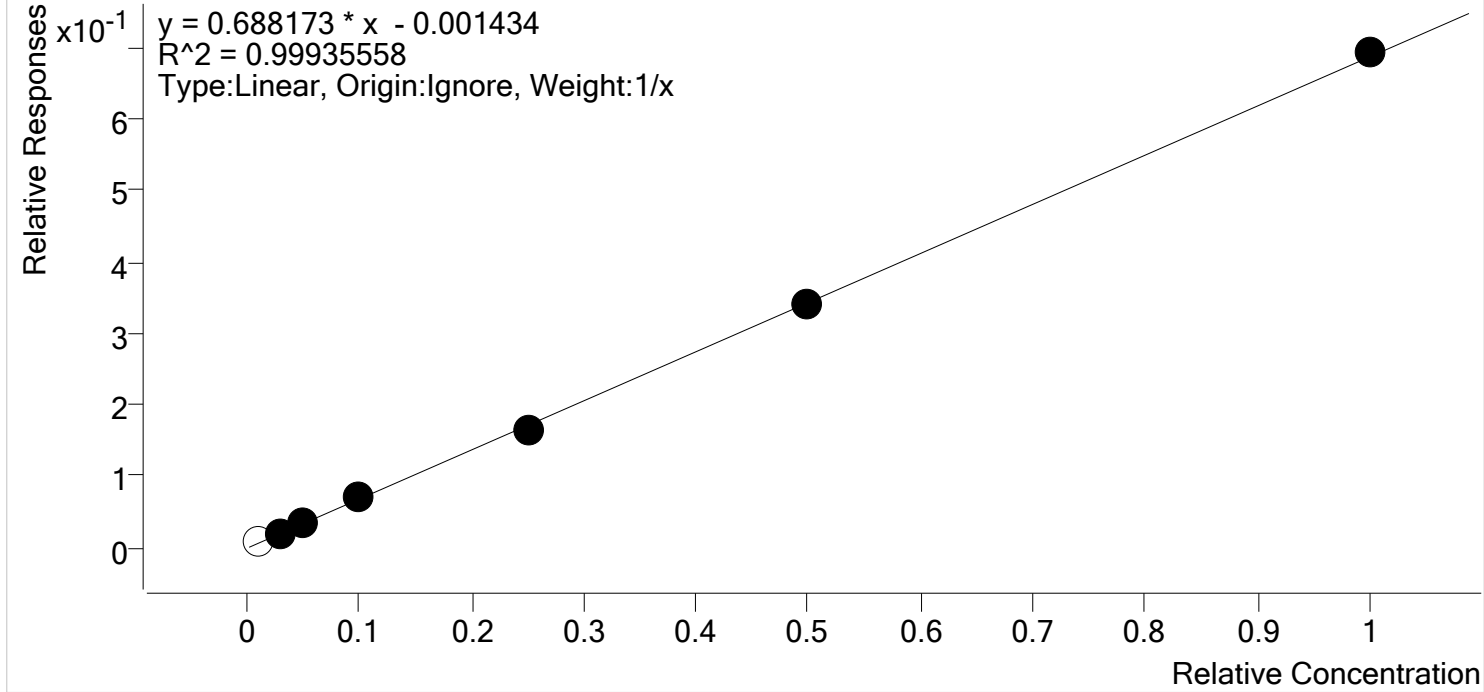




AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP\QuantResults\THCS.batch.bin
Last Cal. Update 11/24/2019 9:30 AM
Analyst Name ISP\datastor
Analyte THC **Internal Standard** THC-d3

THC - 7 Levels, 6 Levels Used, 7 Points, 6 Points Used, 0 QCs

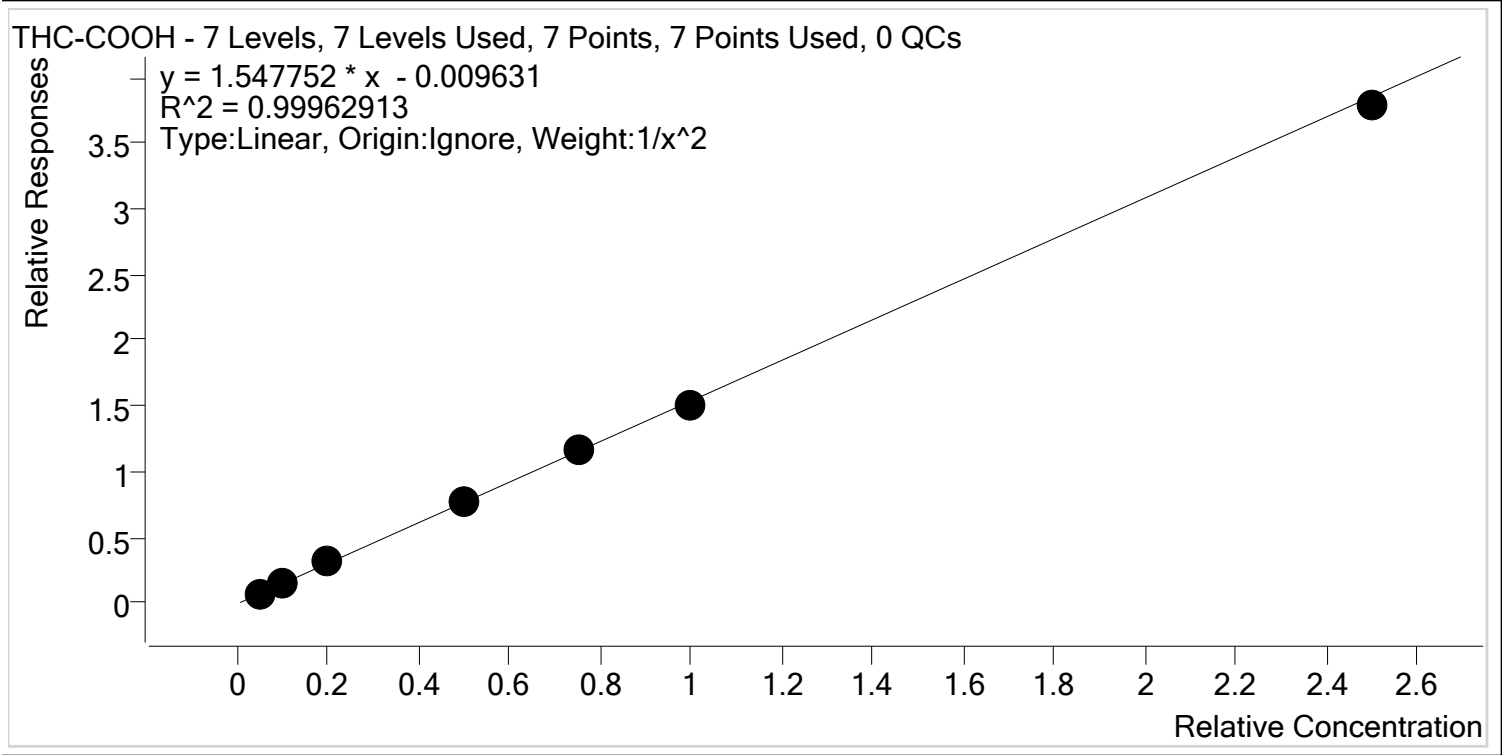


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	x	1.0	1.5	154.6
MJ Cal 2	2	✓	3.0	3.0	99.1
MJ Cal 3	3	✓	5.0	4.9	98.1
MJ Cal 4	4	✓	10.0	10.7	106.5
MJ Cal 5	5	✓	25.0	24.0	96.2
MJ Cal 6	6	✓	50.0	49.6	99.2
MJ Cal 7	7	✓	100.0	100.8	100.8



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP\QuantResults\THCS.batch.bin
Last Cal. Update 11/24/2019 9:30 AM
Analyst Name ISP\datastor
Analyte THC-COOH **Internal Standard** THC-COOH-d9

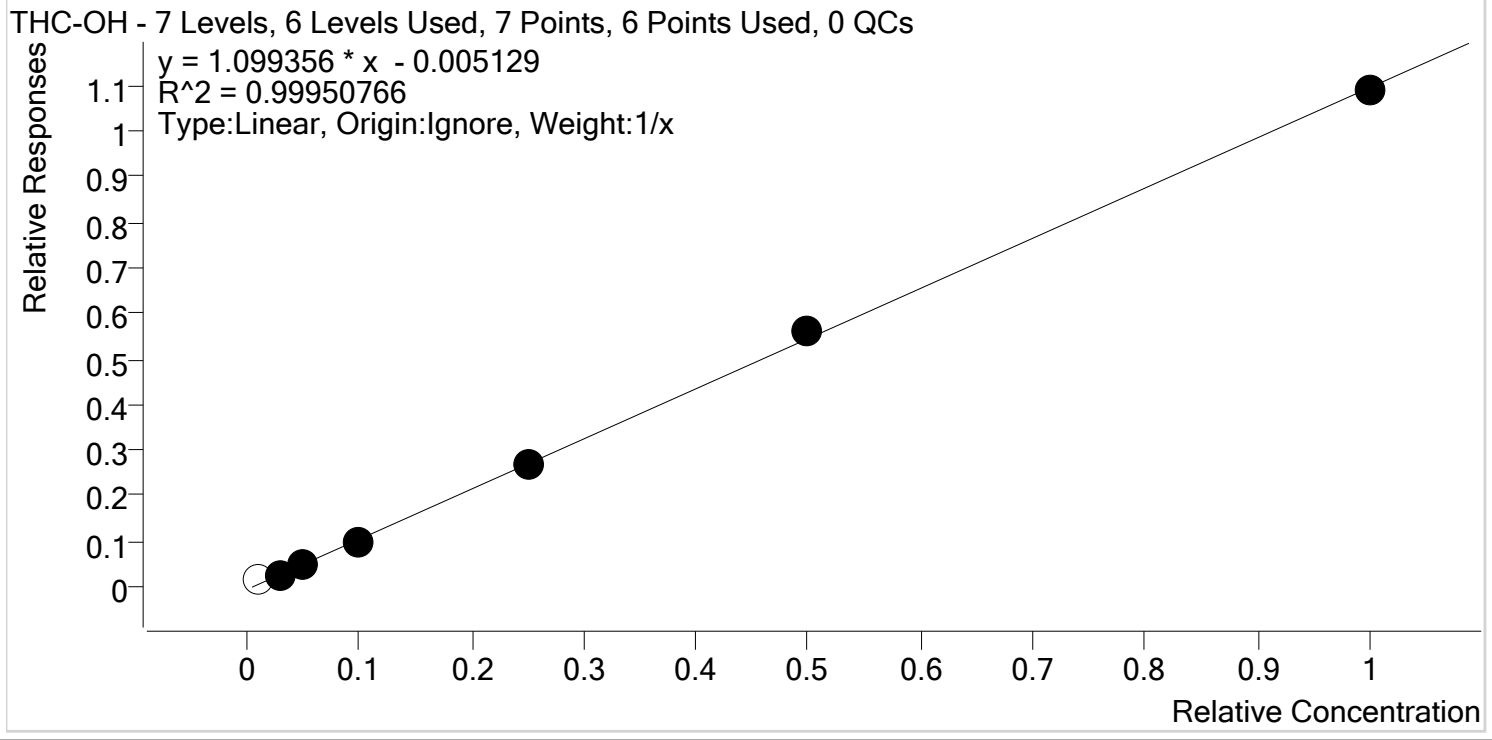


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	5.0	99.4
MJ Cal 2	2	✓	10.0	10.0	99.8
MJ Cal 3	3	✓	20.0	20.6	102.8
MJ Cal 4	4	✓	50.0	50.5	101.0
MJ Cal 5	5	✓	75.0	75.3	100.3
MJ Cal 6	6	✓	100.0	98.5	98.5
MJ Cal 7	7	✓	250.0	245.5	98.2



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP\QuantResults\THCS.batch.bin
Last Cal. Update 11/24/2019 9:30 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	x	1.0	2.2	215.7
MJ Cal 2	2	✓	3.0	3.0	98.7
MJ Cal 3	3	✓	5.0	5.3	105.3
MJ Cal 4	4	✓	10.0	9.6	95.6
MJ Cal 5	5	✓	25.0	24.7	98.7
MJ Cal 6	6	✓	50.0	51.2	102.3
MJ Cal 7	7	✓	100.0	99.4	99.4



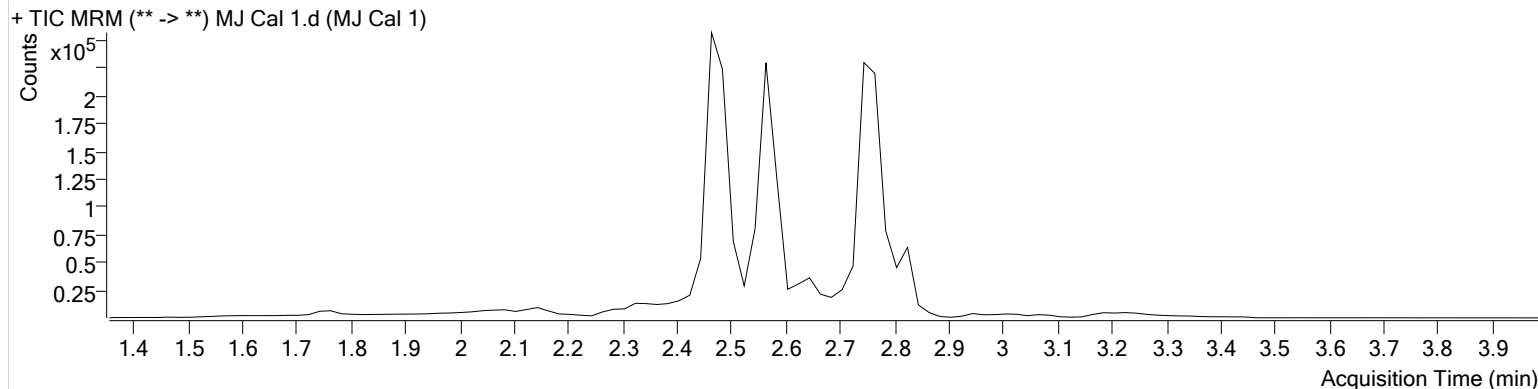
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP\QuantResults\THCS.batch.bin
Calibration Last Update 11/24/2019 9:30:34 AM

Instrument	Falco	Data File	MJ Cal 1.d
Type	Cal	Sample	MJ Cal 1
Acq. Method	am 26 test.m	Operator	Sarah Pickle
Sample Position	P3-A1	Comment	
Injection Volume	10		
Acq. Date-Time	11/22/2019 11:49:52 AM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	2.839	820	89074	1.5459 ng/ml	Low
THC-COOH	2.585	22534	334987	4.9685 ng/ml	Low
THC-OH	2.471	12822	689787	2.1573 ng/ml	Low

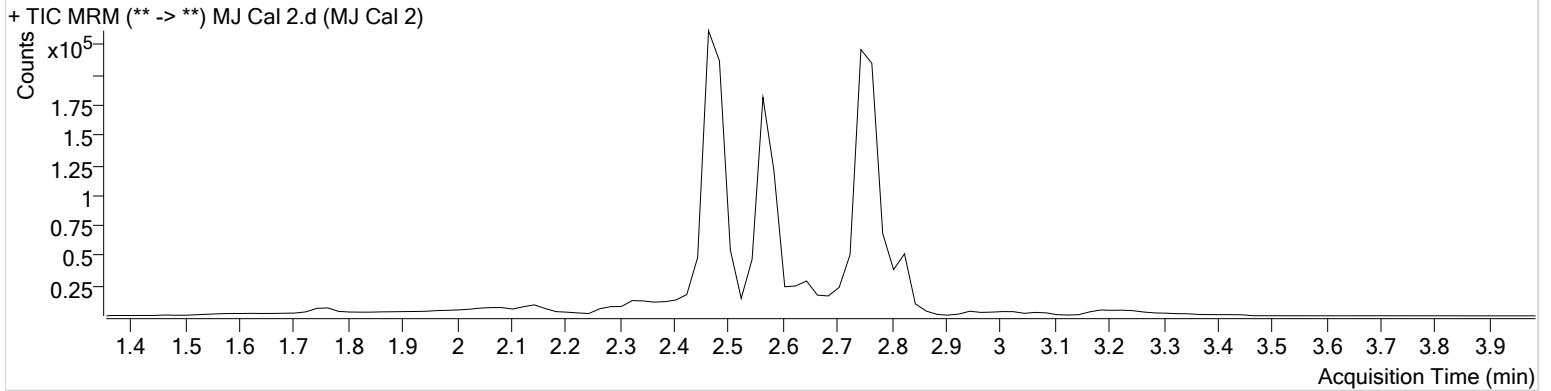
AM #26 Cannabinoids Screen Results



Batch results D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP\QuantResults\THCS.batch.bin
Calibration Last Update 11/24/2019 9:30:34 AM

Instrument	Falco	Data File	MJ Cal 2.d
Type	Cal	Sample	MJ Cal 2
Acq. Method	am 26 test.m	Operator	Sarah Pickle
Sample Position	P3-B1	Comment	
Injection Volume	10		
Acq. Date-Time	11/22/2019 11:56:33 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	2.839	1392	73115	2.9742 ng/ml	Low
THC-COOH	2.585	40351	278459	9.9848 ng/ml	
THC-OH	2.491	16752	611235	2.9596 ng/ml	Low



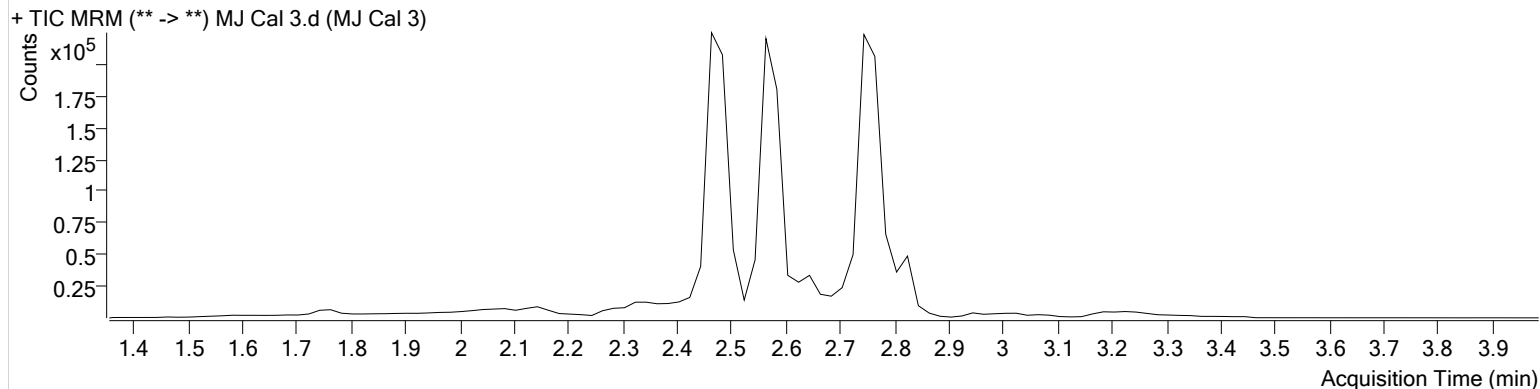
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP\QuantResults\THCS.batch.bin
Calibration Last Update 11/24/2019 9:30:34 AM

Instrument	Falco	Data File	MJ Cal 3.d
Type	Cal	Sample	MJ Cal 3
Acq. Method	am 26 test.m	Operator	Sarah Pickle
Sample Position	P3-C1	Comment	
Injection Volume	10		
Acq. Date-Time	11/22/2019 12:03:03 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.839	2226	68842	4.9071 ng/ml
THC-COOH	2.585	87808	284601	20.5564 ng/ml
THC-OH	2.491	30188	571980	5.2674 ng/ml

AM #26 Cannabinoids Screen Results

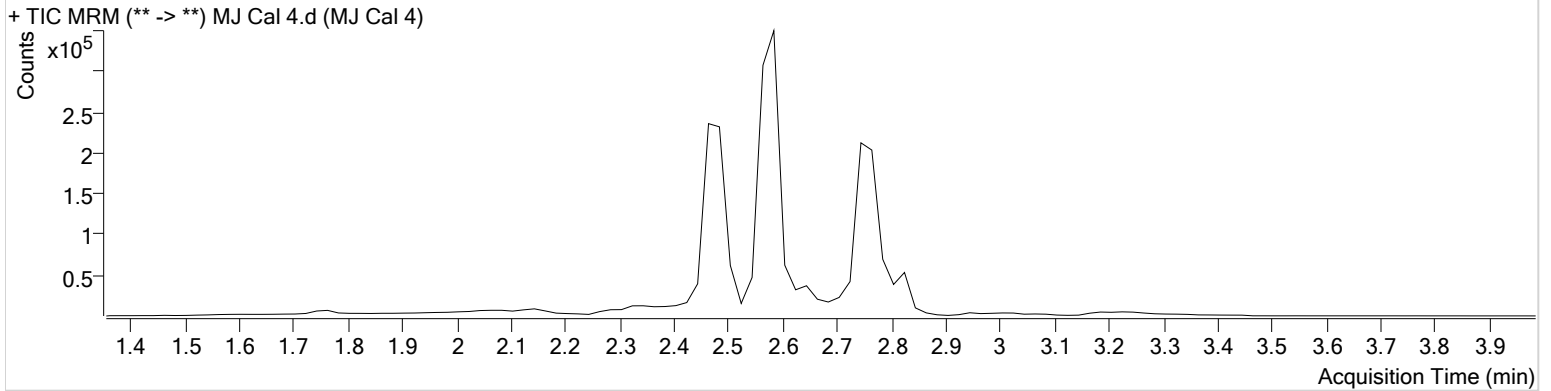


Batch results D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP\QuantResults\THCS.batch.bin
Calibration Last Update 11/24/2019 9:30:34 AM

Instrument	Falco	Data File	MJ Cal 4.d
Type	Cal	Sample	MJ Cal 4
Acq. Method	am 26 test.m	Operator	Sarah Pickle
Sample Position	P3-D1	Comment	
Injection Volume	10		
Acq. Date-Time	11/22/2019 12:09:34 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.839	5254	73098	10.6530 ng/ml
THC-COOH	2.585	222411	288062	50.5073 ng/ml
THC-OH	2.491	58771	587838	9.5608 ng/ml

AM #26 Cannabinoids Screen Results

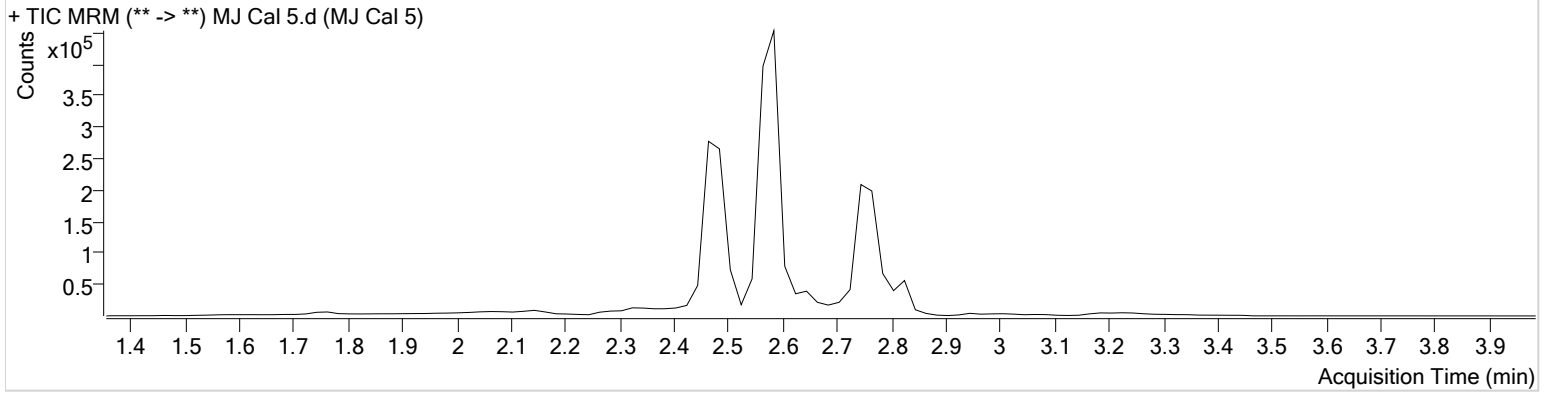


Batch results D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP\QuantResults\THCS.batch.bin
Calibration Last Update 11/24/2019 9:30:34 AM

Instrument	Falco	Data File	MJ Cal 5.d
Type	Cal	Sample	MJ Cal 5
Acq. Method	am 26 test.m	Operator	Sarah Pickle
Sample Position	P3-E1	Comment	
Injection Volume	10		
Acq. Date-Time	11/22/2019 12:16:04 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.839	11640	70959	24.0446 ng/ml
THC-COOH	2.585	325479	281771	75.2541 ng/ml
THC-OH	2.491	156130	586790	24.6693 ng/ml

AM #26 Cannabinoids Screen Results

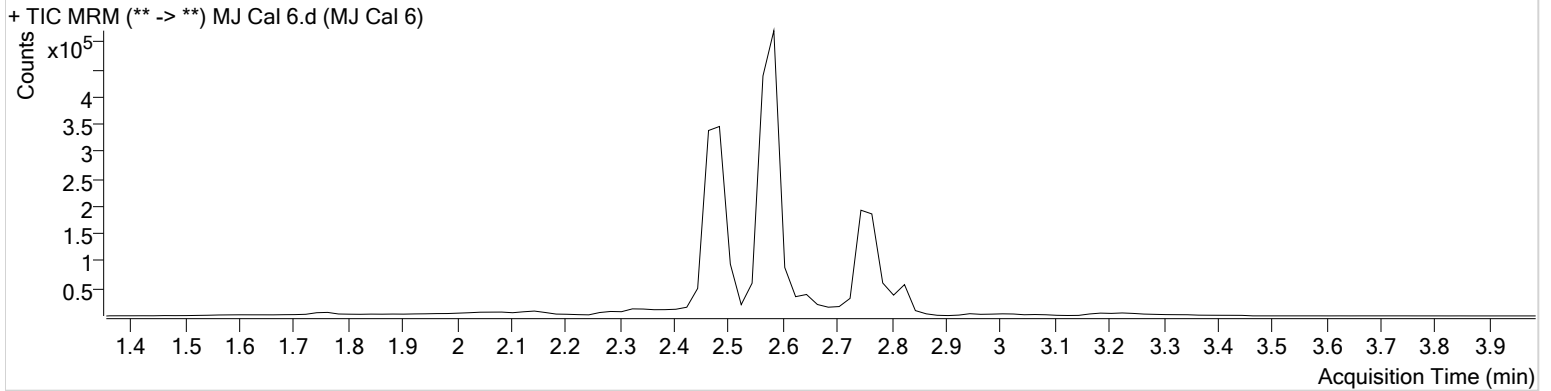


Batch results D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP\QuantResults\THCS.batch.bin
Calibration Last Update 11/24/2019 9:30:34 AM

Instrument	Falco	Data File	MJ Cal 6.d
Type	Cal	Sample	MJ Cal 6
Acq. Method	am 26 test.m	Operator	Sarah Pickle
Sample Position	P3-F1	Comment	
Injection Volume	10		
Acq. Date-Time	11/22/2019 12:22:34 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.839	21307	62702	49.5877 ng/ml
THC-COOH	2.585	389177	257029	98.4506 ng/ml
THC-OH	2.491	327150	586903	51.1706 ng/ml



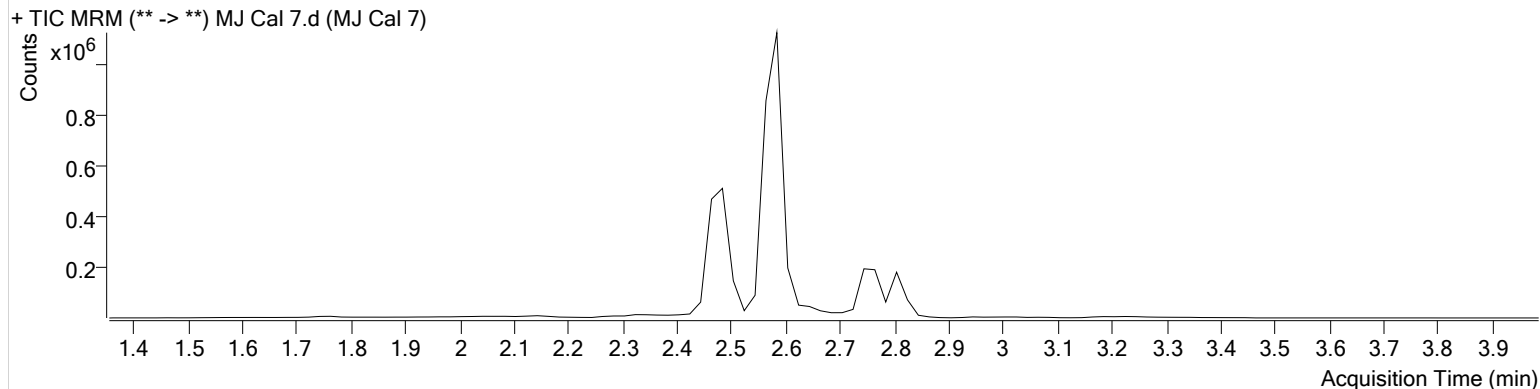
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2019\AM 25-26\112219 MDS THCS SP\QuantResults\THCS.batch.bin
Calibration Last Update 11/24/2019 9:30:34 AM

Instrument	Falco	Data File	MJ Cal 7.d
Type	Cal	Sample	MJ Cal 7
Acq. Method	am 26 test.m	Operator	Sarah Pickle
Sample Position	P3-G1	Comment	
Injection Volume	10		
Acq. Date-Time	11/22/2019 12:29:04 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.819	109458	158068	100.8335 ng/ml
THC-COOH	2.585	934211	246498	245.4897 ng/ml
THC-OH	2.491	658144	605286	99.3723 ng/ml