3/19/2019

Worklist: 3099

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
C2019-0389	1	143303	AM 25/AM 26 Blood MultiDrug/THC Screen by L(
C2019-0391	1	143308	AM 25/AM 26 Blood MultiDrug/THC Screen by L(
C2019-0421	1	143570	AM 25/AM 26 Blood MultiDrug/THC Screen by L(
C2019-0436	1	143654	AM 25/AM 26 Blood MultiDrug/THC Screen by L(
C2019-0437	1	143656	AM 25/AM 26 Blood MultiDrug/THC Screen by L(
C2019-0446	1	143865	AM 25/AM 26 Blood MultiDrug/THC Screen by L(
C2019-0455	1	143982	AM 25/AM 26 Blood MultiDrug/THC Screen by L(
C2019-0457	1	143985	AM 25/AM 26 Blood MultiDrug/THC Screen by L(
C2019-0459	1	144080	AM 25/AM 26 Blood MultiDrug/THC Screen by L(
C2019-0460	1	144082	AM 25/AM 26 Blood MultiDrug/THC Screen by L(
C2019-0461	1	144084	AM 25/AM 26 Blood MultiDrug/THC Screen by L(
C2019-0462	1	144088	AM 25/AM 26 Blood MultiDrug/THC Screen by L(

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

Extraction Date: 3/18/19 Analyst: Anne Nord

Plate lot#: 0539904 Plate Expiration: 09/10/2019

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: 19A207P3 **Column**: Phenomenex Phenyl Hexyl (4.6x50mm: 2.6 um)
LCMS-QQQ ID: 62340

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.
☒ 3. Create worklist:

Analytic:

☒ 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
☒ 2. Pipette **1000 µL blood (calibrated pipette) Pipette ID: k52558g** in wells of analytical (standards) plate.
- Blank blood for locations containing standards/QCs and internal standards
- Sample blood for locations containing only internal standards

☒ 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 66759*
☒ 4. Pipette **500 µL 0.1% formic acid** in wells of analytical plate.
☒ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 6. Transfer **800 µL of blood+base** mixture to corresponding wells of SLE+ plate.
☒ 7. Apply positive pressure for approx. 4 seconds (or until no liquid remains on top of sorbent). ***(Load at 85-100 PSI- Selector to the right)*** Manifold ID: 66792
☒ 8. Wait 5 minutes.
☒ 9. Add **2.25 mL MTBE** (add in 3 increments of 750uL).
☒ 10. Wait 5 minutes.
☒ 11. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 12. Add **2.25 mL hexane** (add in 3 increments of 750uL).
☒ 13. Wait 5 minutes.
☒ 14. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C. *SPE Dry ID: 66819*
☒ 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.
Data path: D:\2019 data\26\031819 AM 26 Batch Name: cann screen
☒ 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 +/-.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:

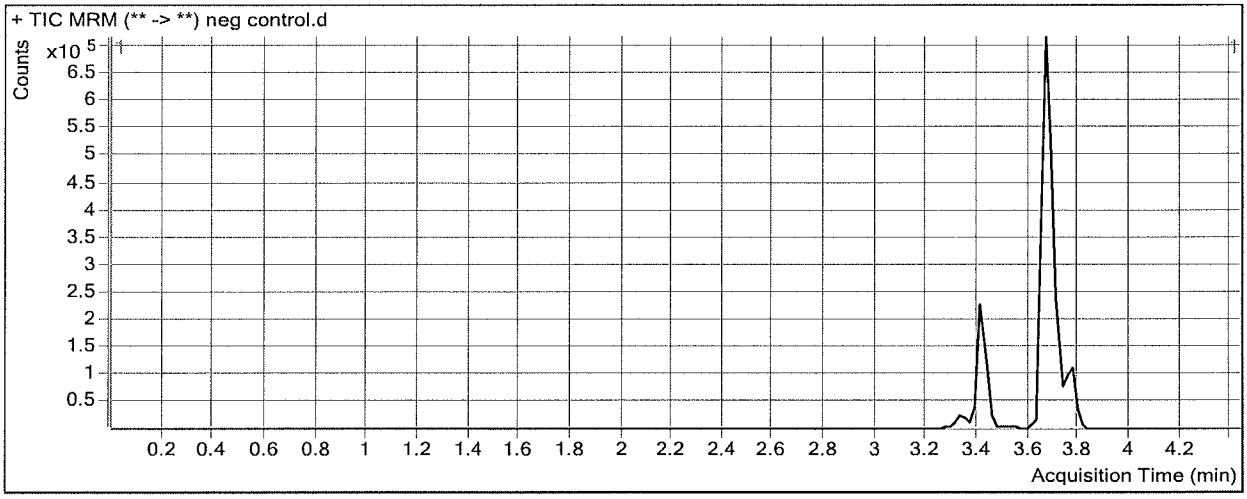
ISP FORENSICS - Cd'A
Cannabionoid Screen Report

Batch Data Path	D:\2019 Data\am26\031819 AM 26\QuantResults\cann screen.batch.bin		
Analysis Time	3/19/2019 11:03 AM	**Analyst Name**	ISP Tox
Report Time	3/22/2019 10:27 AM	**Reporter Name**	ISP Tox
Last Calib Update	3/19/2019 11:03 AM	**Batch State**	Processed

Analysis Info

Acq Time	2019-03-18 13:55	**Data File**	neg control.d
Sample Type	Sample	**Sample Name**	neg control
Dilution	1	**Acq Method**	Screen THC 8-2017.m
Position	P1-A2	**Sample Info**	
Inj Vol	-1	**Comment**	AM 26 Cannabinoid screen

Sample Chromatogram



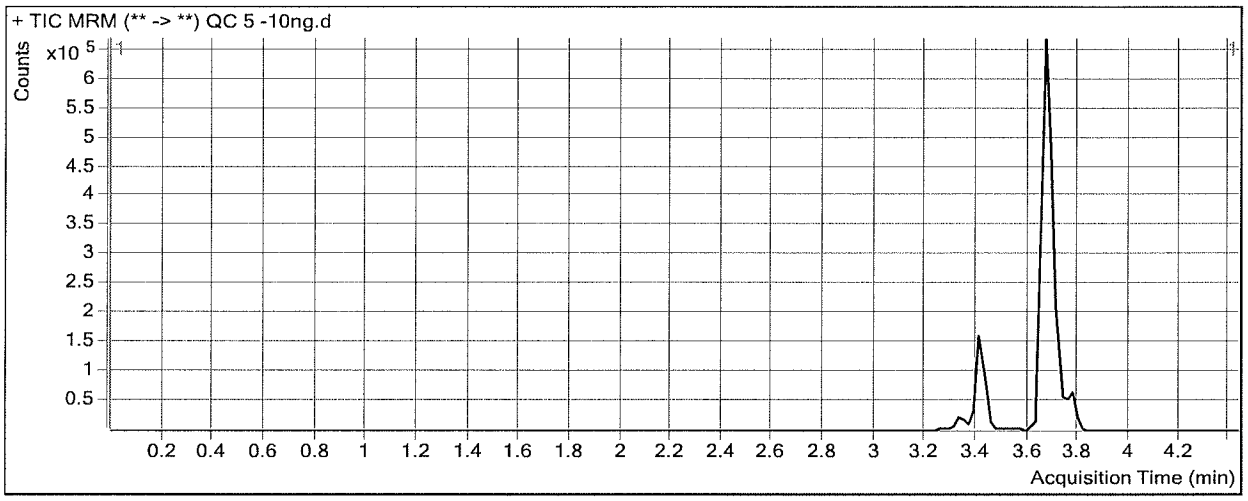
ISP FORENSICS - Cd'A
Cannabionoid Screen Report

Batch Data Path	D:\2019 Data\am26\031819 AM 26\QuantResults\cann screen.batch.bin		
Analysis Time	3/19/2019 11:03 AM	**Analyst Name**	ISP Tox
Report Time	3/22/2019 10:27 AM	**Reporter Name**	ISP Tox
Last Calib Update	3/19/2019 11:03 AM	**Batch State**	Processed

Analysis Info

Acq Time	2019-03-18 13:41	**Data File**	QC 5 -10ng.d
Sample Type	QC	**Sample Name**	QC 5 -10ng
Dilution	1	**Acq Method**	Screen THC 8-2017.m
Position	P1-H1	**Sample Info**	
Inj Vol	-1	**Comment**	AM 26 Cannabinoid screen 5 ng THC, THC-OH, 10 ng C-TH

Sample Chromatogram



Results

Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-COOH	3.346	10143	57467	0.1765	12.9526
THC-OH	3.412	14869	334507	0.0445	5.4498
THC	3.760	899	15068	0.0597	4.5948

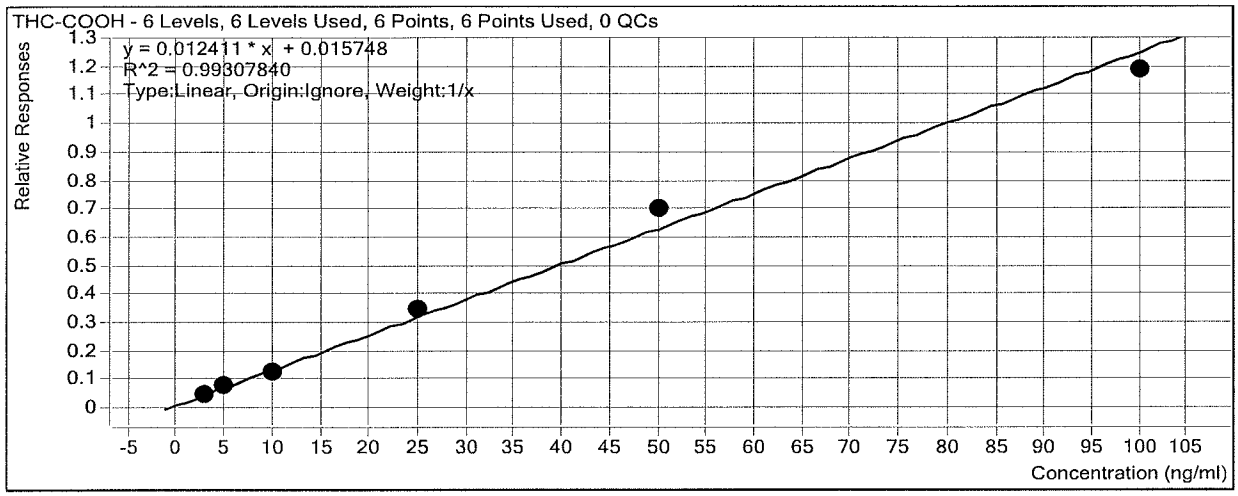
ISP Forensics
Calibration Curve Report

Batch Data Path D:\2019 Data\am26\031819 AM 26\QuantResults\cann screen.batch.bin

Last Calib Update 3/19/2019 11:03 AM **Analyst Name** ISP TOX

Target Compound *THC-COOH*

Internal Standard *THC-COOH-d9*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
cal 1 - 3ng	1	☑	3	2.9	97.6
cal 2 - 5ng	2	☑	5	5.0	100.2
cal 3 - 10ng	3	☑	10	9.2	91.9
cal 4 - 25ng	4	☑	25	26.4	105.8
cal 5 - 50ng	5	☑	50	55.1	110.2
cal 6 - 100ng	6	☑	100	94.3	94.3
QC 5 -10ng	7	☑	10	13.0	0.0

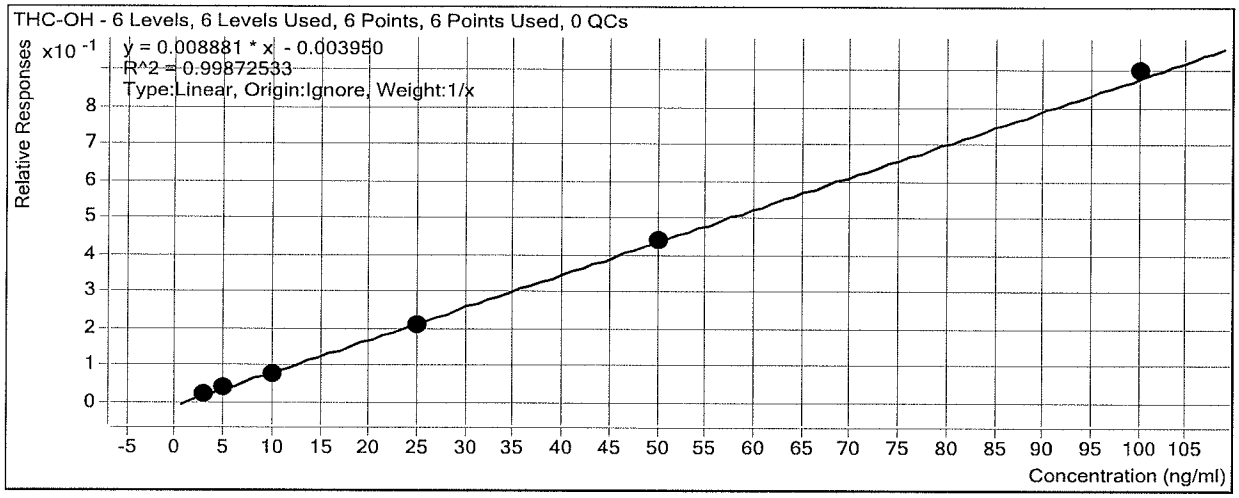
ISP Forensics
Calibration Curve Report

Batch Data Path D:\2019 Data\am26\031819 AM 26\QuantResults\cann screen.batch.bin

Last Calib Update 3/19/2019 11:03 AM **Analyst Name** ISP TOX

Target Compound *THC-OH*

Internal Standard *THC-OH-d3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
cal 1 - 3ng	1	☑	3	3.2	107.9
cal 2 - 5ng	2	☑	5	5.2	104.2
cal 3 - 10ng	3	☑	10	9.0	90.4
cal 4 - 25ng	4	☑	25	24.1	96.3
cal 5 - 50ng	5	☑	50	49.8	99.7
cal 6 - 100ng	6	☑	100	101.6	101.6
QC 5 -10ng	7	☑	5	5.4	0.0

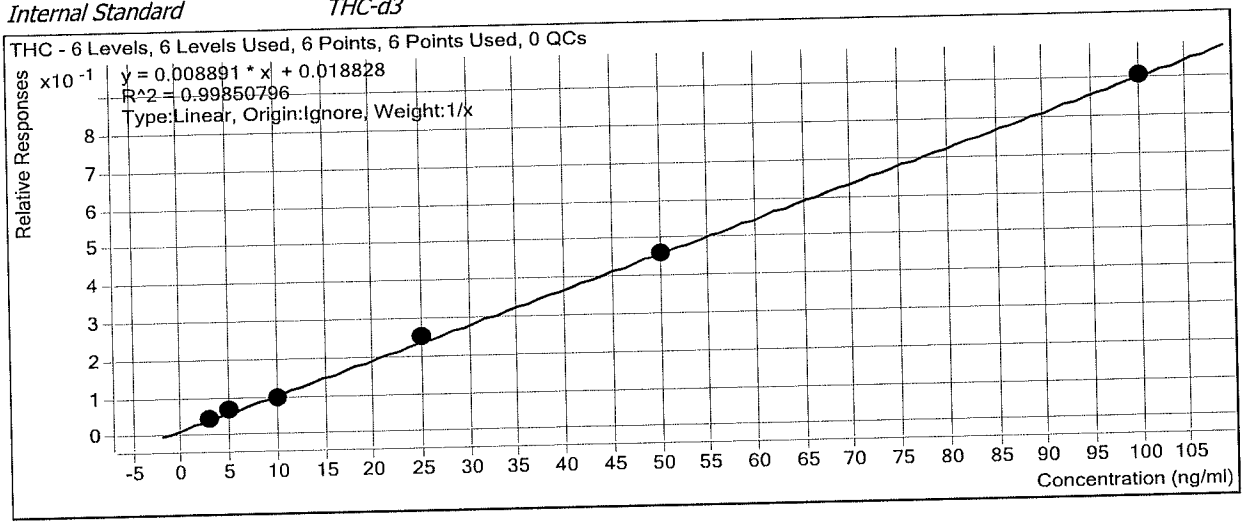
ISP Forensics
Calibration Curve Report

Batch Data Path D:\2019 Data\am26\031819 AM 26\QuantResults\cann screen.batch.bin

Last Calib Update 3/19/2019 11:03 AM **Analyst Name** ISP TOX

Target Compound *THC*

Internal Standard *THC-d3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
cal 1 - 3ng	1	☑	3	3.1	103.2
cal 2 - 5ng	2	☑	5	5.2	104.2
cal 3 - 10ng	3	☑	10	8.8	88.1
cal 4 - 25ng	4	☑	25	26.2	104.8
cal 5 - 50ng	5	☑	50	50.0	100.0
cal 6 - 100ng	6	☑	100	99.7	99.7
QC 5 -10ng	7	☑	5	4.6	0.0

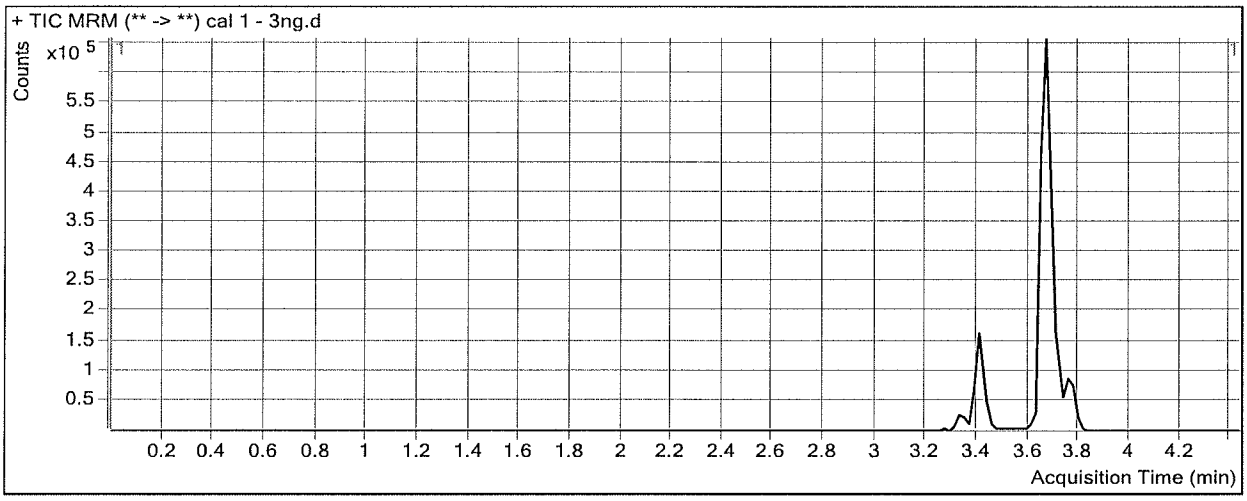
ISP FORENSICS - Cd'A
Cannabionoid Screen Report

Batch Data Path	D:\2019 Data\am26\031819 AM 26\QuantResults\cann screen.batch.bin		
Analysis Time	3/19/2019 11:03 AM	**Analyst Name**	ISP Tox
Report Time	3/22/2019 10:27 AM	**Reporter Name**	ISP Tox
Last Calib Update	3/19/2019 11:03 AM	**Batch State**	Processed

Analysis Info

Acq Time	2019-03-18 12:55	**Data File**	cal 1 - 3ng.d
Sample Type	Calibration	**Sample Name**	cal 1 - 3ng
Dilution	1	**Acq Method**	Screen THC 8-2017.m
Position	p1-b1	**Sample Info**	
Inj Vol	-1	**Comment**	AM 26 Cannabinoid screen

Sample Chromatogram



Results

Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-COOH	3.346	3794	72845	0.0521	2.9281
THC-OH	3.412	8422	339726	0.0248	3.2360
THC	3.780	1178	25402	0.0464	3.0974

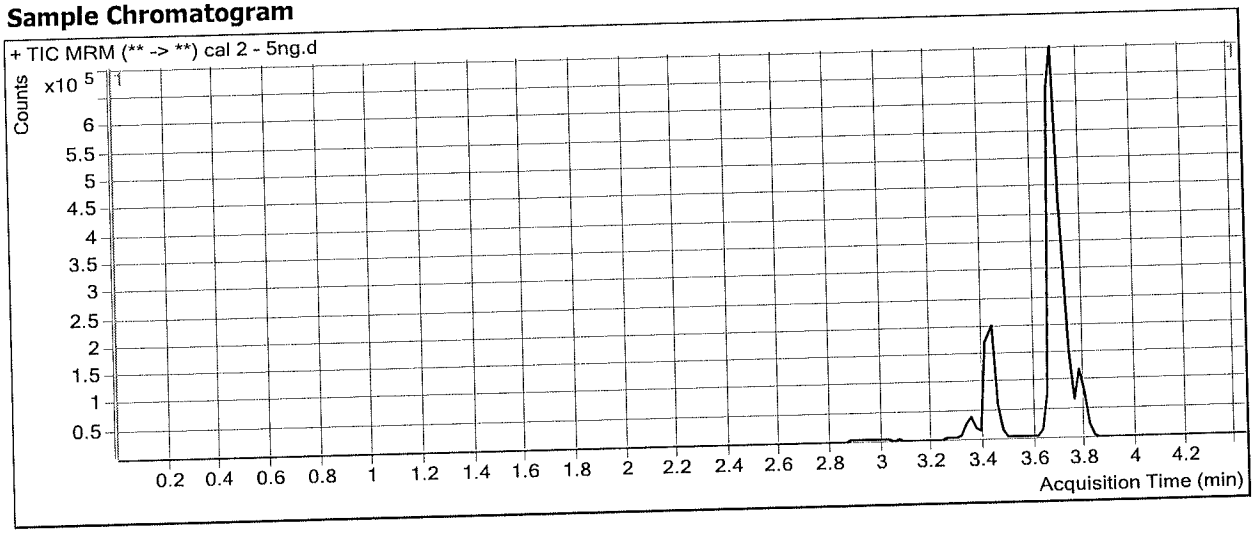
ISP FORENSICS - Cd'A
Cannabionoid Screen Report

Batch Data Path	D:\2019 Data\am26\031819 AM 26\QuantResults\cann screen.batch.bin		
Analysis Time	3/19/2019 11:03 AM	**Analyst Name**	ISP Tox
Report Time	3/22/2019 10:27 AM	**Reporter Name**	ISP Tox
Last Calib Update	3/19/2019 11:03 AM	**Batch State**	Processed

Analysis Info

Acq Time	2019-03-18 13:02	**Data File**	cal 2 - 5ng.d
Sample Type	Calibration	**Sample Name**	cal 2 - 5ng
Dilution	1	**Acq Method**	Screen THC 8-2017.m
Position	P1-C1	**Sample Info**	
Inj Vol	-1	**Comment**	AM 26 Cannabinoid screen

Sample Chromatogram



Results

Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-COOH	3.346	8378	107491	0.0779	5.0112
THC-OH	3.433	22116	522601	0.0423	5.2096
THC	3.780	2578	39561	0.0652	5.2121

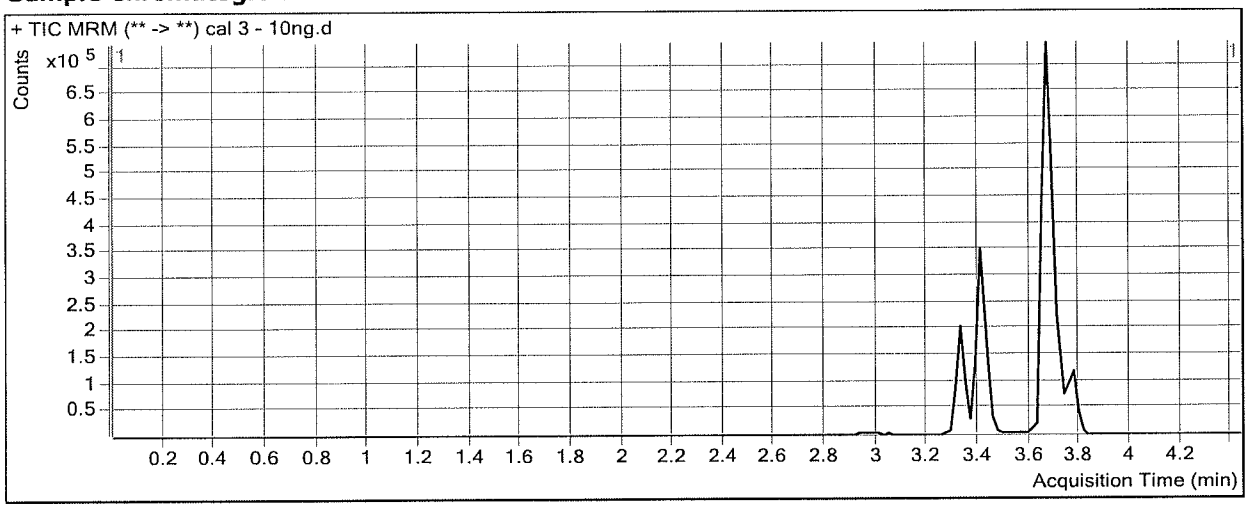
ISP FORENSICS - Cd'A
Cannabionoid Screen Report

Batch Data Path	D:\2019 Data\am26\031819 AM 26\QuantResults\cann screen.batch.bin		
Analysis Time	3/19/2019 11:03 AM	**Analyst Name**	ISP Tox
Report Time	3/22/2019 10:27 AM	**Reporter Name**	ISP Tox
Last Calib Update	3/19/2019 11:03 AM	**Batch State**	Processed

Analysis Info

Acq Time	2019-03-18 13:08	**Data File**	cal 3 - 10ng.d
Sample Type	Calibration	**Sample Name**	cal 3 - 10ng
Dilution	1	**Acq Method**	Screen THC 8-2017.m
Position	p1-d1	**Sample Info**	
Inj Vol	-1	**Comment**	AM 26 Cannabinoid screen

Sample Chromatogram



Results

Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-COOH	3.326	56436	434847	0.1298	9.1880
THC-OH	3.412	55347	725256	0.0763	9.0373
THC	3.760	4167	42900	0.0971	8.8069

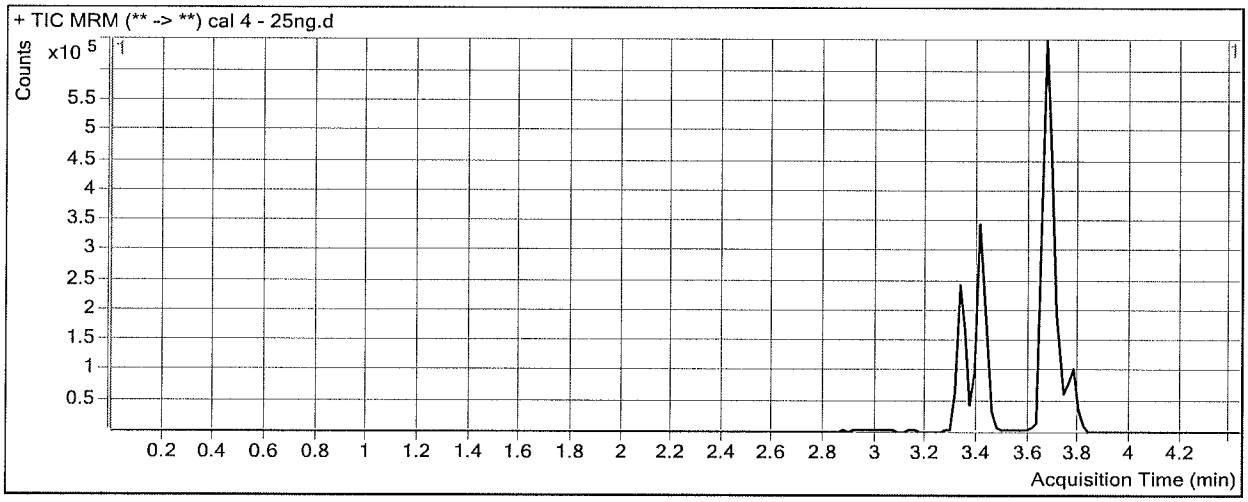
ISP FORENSICS - Cd'A
Cannabionoid Screen Report

Batch Data Path	D:\2019 Data\am26\031819 AM 26\QuantResults\cann screen.batch.bin		
Analysis Time	3/19/2019 11:03 AM	**Analyst Name**	ISP Tox
Report Time	3/22/2019 10:27 AM	**Reporter Name**	ISP Tox
Last Calib Update	3/19/2019 11:03 AM	**Batch State**	Processed

Analysis Info

Acq Time	2019-03-18 13:15	**Data File**	cal 4 - 25ng.d
Sample Type	Calibration	**Sample Name**	cal 4 - 25ng
Dilution	1	**Acq Method**	Screen THC 8-2017.m
Position	P1-E1	**Sample Info**	
Inj Vol	-1	**Comment**	AM 26 Cannabinoid screen

Sample Chromatogram



Results

Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-COOH	3.346	145905	424184	0.3440	26.4451
THC-OH	3.412	127142	605890	0.2098	24.0724
THC	3.760	7683	30528	0.2517	26.1886

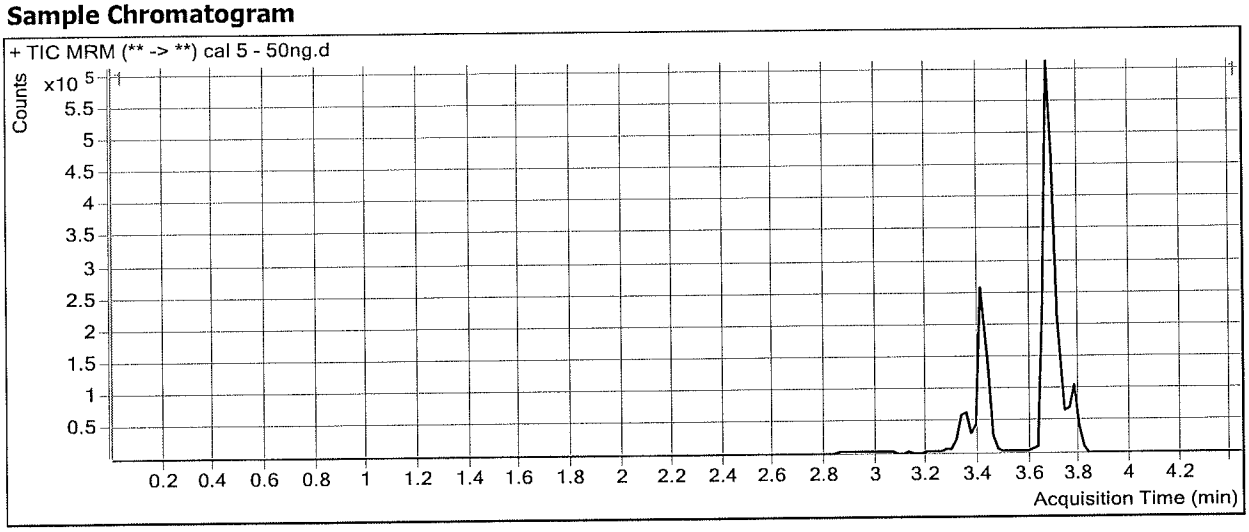
ISP FORENSICS - Cd'A
Cannabionoid Screen Report

Batch Data Path	D:\2019 Data\am26\031819 AM 26\QuantResults\cann screen.batch.bin		
Analysis Time	3/19/2019 11:03 AM	**Analyst Name**	ISP Tox
Report Time	3/22/2019 10:27 AM	**Reporter Name**	ISP Tox
Last Calib Update	3/19/2019 11:03 AM	**Batch State**	Processed

Analysis Info

Acq Time	2019-03-18 13:22	**Data File**	cal 5 - 50ng.d
Sample Type	Calibration	**Sample Name**	cal 5 - 50ng
Dilution	1	**Acq Method**	Screen THC 8-2017.m
Position	p1-f1	**Sample Info**	
Inj Vol	-1	**Comment**	AM 26 Cannabinoid screen

Sample Chromatogram



Results

Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-COOH	3.346	75613	108108	0.6994	55.0850
THC-OH	3.412	162142	369659	0.4386	49.8325
THC	3.760	10497	22655	0.4633	49.9925

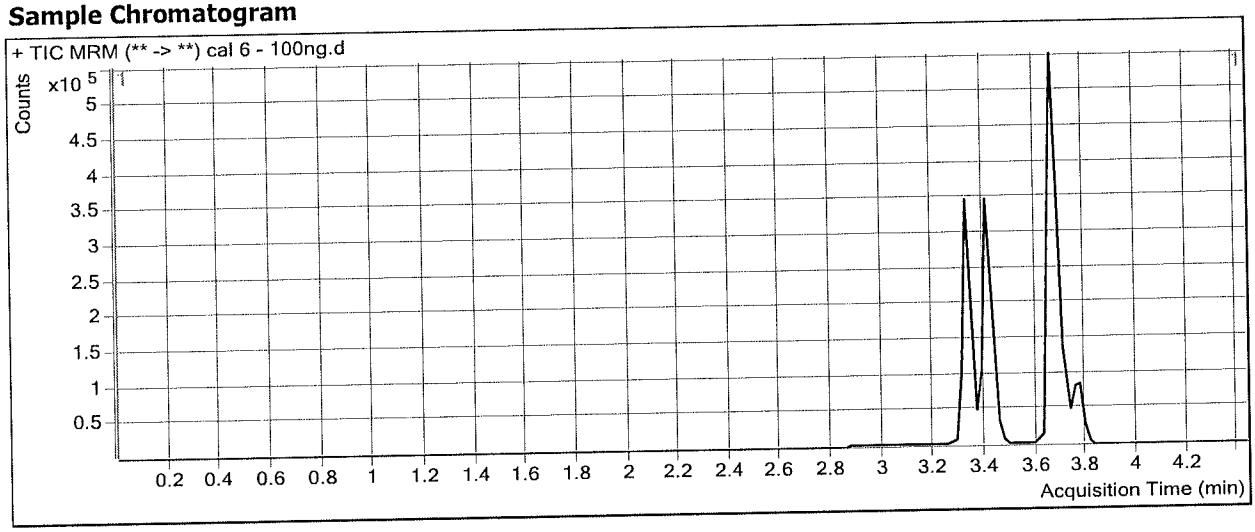
ISP FORENSICS - Cd'A
Cannabionoid Screen Report

Batch Data Path	D:\2019 Data\am26\031819 AM 26\QuantResults\cann screen.batch.bin		
Analysis Time	3/19/2019 11:03 AM	**Analyst Name**	ISP Tox
Report Time	3/22/2019 10:27 AM	**Reporter Name**	ISP Tox
Last Calib Update	3/19/2019 11:03 AM	**Batch State**	Processed

Analysis Info

Acq Time	2019-03-18 13:28	**Data File**	cal 6 - 100ng.d
Sample Type	Calibration	**Sample Name**	cal 6 - 100ng
Dilution	1	**Acq Method**	Screen THC 8-2017.m
Position	P1-G1	**Sample Info**	
Inj Vol	-1	**Comment**	AM 26 Cannabinoid screen

Sample Chromatogram



Results

Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-COOH	3.326	359857	303252	1.1867	94.3426
THC-OH	3.412	339012	377311	0.8985	101.6121
THC	3.760	20954	23145	0.9053	99.7025

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

3/18/19 A

Extraction Date: ~~2/5/19~~ Analyst: Anne Nord
Plate lot#: 0543908 Plate Expiration: November 28 2019

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: 19A207P3
Column: Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)
LCMS-QQQ ID: 69679

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.
☒ 3. Create worklist: Data Path Name: D:\masshunter\Data\am 25 031819

Analytic:

☒ 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
☒ 2. Pipette **250µL blood (calibrated pipette) Pipette ID: 1926134** in wells of analytical (standards) plate.
☒ 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 66759*
☒ 4. Pipette **250µL 00.5M ammonium hydroxide** in wells of analytical plate.
☒ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 6. Transfer **300µL 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: 66792*
☒ 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. *SPE Dry ID: 66819*
☒ 16. Reconstitute in **100µL 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: am 25 031819
☒ 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. Calc conc 5 or greater, discretionary range 2-5
☒ 4. Did all QCs pass for each analyte? Y / N yes
☒ 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:

Toxicology AM method 25 external prep information
working solution 10000 ng/ml in meoh Hydromorphone, Hydrocodone, Nortriptyline, Sertraline
Stock solution 1mg/ml 100 ul each in 9600ul meOH
Ppd 4/23/18 Exp: 4/23/19 lot 42318 by Amn

Drug	lot	expiration
Hydromorphone	FE04101502	6/1/2020
Hydrocodone	FE09091505	9/1/2020
nortriptyline	FN06191503	8/1/2020
sertraline	FN01081501	3/1/2020

AM 25 control 100 ul working solution (42318) in 9900 ul neg blood
ppd 04/23/18 exp 4/23/19 lot 42318 neg blood lot 17J20718 by Amn

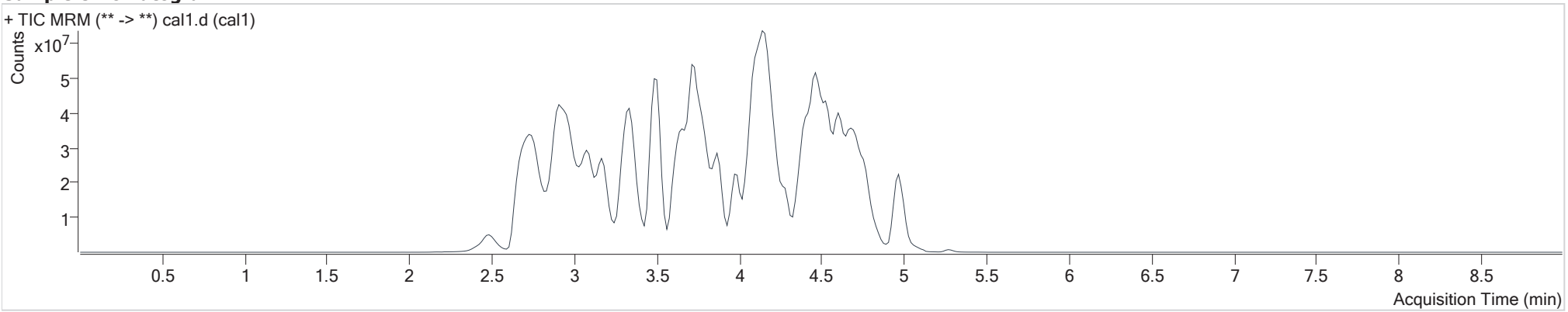
Concentration 100ng/ml hydrocodone, nortriptyline, sertraline, hydromorphone

AM #25 Multi-Drug Screen Results

Batch results	D:\MassHunter\Data\am 25 031819\QuantResults\am 25 031819.batch.bin
Calibration Last Update	3/19/2019 4:02:33 PM

Instrument	69679	**Data File**	cal1.d
Type	Cal	**Sample**	cal1
Acq. Method	MDS ALL cda 121718.m	**Operator**	Anne Nord
Sample Position	P2-A1	**Comment**	
Injection Volume	5		
Acq. Date-Time	3/19/2019 12:56:18 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
6-MAM	3.222	168490	48	37	4150192	10
7-aminoclonazepam	3.531	933049	72	118	4205202	10
7-aminoflunitrazepam	3.729	3636418	1310	407	20628147	10
Acetyl Fentanyl	4.385	1487416	∞	2069	63033015	10
Acetyl Norfentanyl	2.913	924657	68	180	45231172	10
a-hydroxyalprazolam	4.447	282479	109	71	1621317	10
alpha-hydroxymidazolam	4.523	2151017	∞	89	17798531	10
alpha-PVP	3.814	16553714	209	2560	49097150	10
Alprazolam	4.542	2211403	492	325	7906896	10
Amitriptyline	4.701	8113459	∞	∞	22956366	10
Amphetamine	2.948	7403870	754	2025	18929016	10
Benzoylecgonine	3.333	2803142	1092	141	14348919	10
Buprenorphine	5.280	485056	390	∞	2176161	10
Bupropion	4.120	6921127	16063	3473	33744360	10
Carbamazepine	4.167	15020429	411	249	47708618	10
Carisoprodol	4.149	2545176	3535	272	13381529	10
Chlordiazepoxide	4.667	808276	116	550	18644657	10
Chlorpheniramine	4.070	54057	15	∞	79114493	10

cal1

AM #25 Multi-Drug Screen Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Citalopram	4.200	9023257	∞	1502	39795843	10
Clonazepam	4.402	665326	393	94	1152743	10
Cocaine	3.758	19100892	∞	2334	58230084	10
Codeine	3.134	1587991	7633	∞	8062368	10
Cyclobenzaprine	4.577	9148536	2356	∞	36551145	10
Desipramine	4.517	13912626	1822	1919	53489110	10
Dextromethorphan	4.224	8363486	∞	1624	39857073	10
Dextrorphan	3.488	8128302	1431	7358	41909252	10
Diazepam	4.776	1065460	∞	∞	5291933	10
Dihydrocodeine	2.906	4243084	2169	86	28236008	10
Diphenhydramine	4.165	34371638	∞	5170	79114493	10
Doxepin	4.407	5959131	264	45	34835987	10
Doxylamine	3.700	37675738	5242	8091	79990000	10
EDDP	4.100	8826215	4781	5042	43253485	10
Estazolam	4.467	4482990	2497	1363	11136667	10
Etizolam	4.553	289893	1013	∞	11136667	10
Fentanyl	4.600	1020920	81	42981	44937703	10
Flunitrazepam	4.510	1763918	163	2242	401271	10
Fluoxetine	4.403	10040340	1666	167	35548235	10
Flurazepam	4.613	8222904	3387	73792	401271	10
Hydrocodone	3.393	4410811	∞	∞	20149978	10
Hydromorphone	2.774	875871	∞	∞	6340588	10
Imipramine	4.638	17544072	2147	∞	51398408	10
Ketamine	4.074	5539952	∞	72	32500369	10
Lamotrigine	3.626	1018717	483	∞	38741112	10
Levamisole	3.295	17740137	1944	∞	58230084	10
Lorazepam	4.371	454796	24	20	7906896	10
Maprotiline	4.531	1680044	∞	∞	22956366	10
MDA	3.098	7495784	1115	∞	33312345	10
MDEA	3.326	22485798	22050	2995	67516122	10
MDMA	3.173	25631672	7538	7800	13359561	10
Meperidine	3.811	9868326	4705	∞	38741112	10
Meprobamate	3.617	1422242	241	100	5880099	10
Methadone	4.449	20423479	2553	571	58883579	10
Methamphetamine	3.053	12783909	∞	∞	45510342	10
Methocarbamol	3.521	412063	26	124	38741112	10
Methylphenidate	3.630	32308267	∞	∞	69492813	10
Metoprolol	3.487	2045478	∞	∞	38741112	10
Midazolam	4.708	1511730	101	2571	19894560	10
Mirtazapine	4.548	5773266	∞	1191	38741112	10
Mitragynine	4.628	1669031	2095	∞	34835987	10
Morphine	2.517	1267694	∞	∞	1326397	10
Norbuprenorphine	4.014	153127	86	22	785455	10
Nordiazepam	4.640	748373	114	∞	2175939	10

cal1

AM #25 Multi-Drug Screen Results

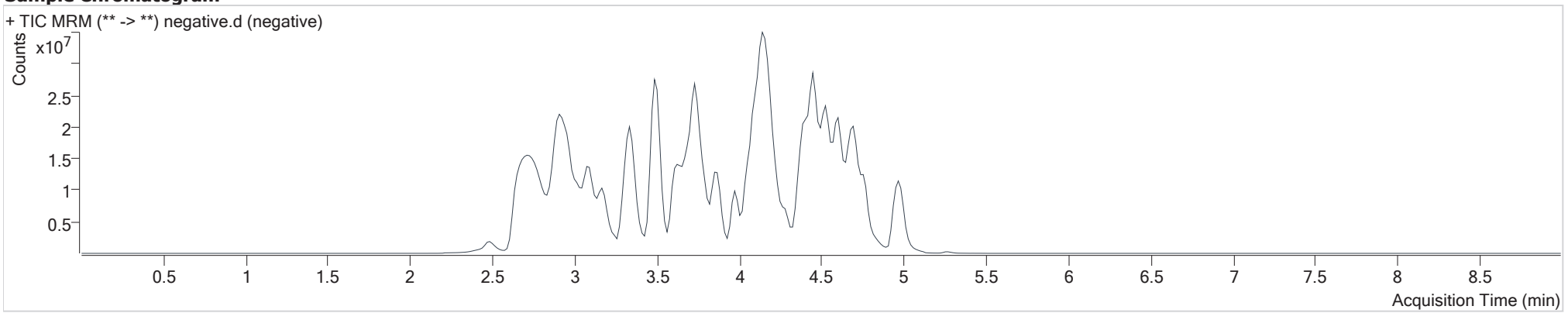
Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Norfentanyl	3.370	16023152	1611	372	50207500	10
Norhydrocodone	3.046	256812	108	7	6405560	10
Normeperidine	3.661	7405035	162	∞	28723501	10
Noroxycodone	2.982	4113401	224	∞	14054026	10
Nortriptyline	4.549	4172315	1348	385	11298852	10
O-desmethyl-tramadol	2.957	35170514	∞	199	84962953	10
Olanzapine	4.264	2804459	499	33	142900	10
Oxazepam	4.452	534236	158	33	2574079	10
Oxycodone	3.116	9529224	∞	180	41772867	10
Oxymorphone	2.498	5165887	73	∞	17965113	10
Paroxetine	4.554	693280	∞	∞	15278640	10
Phenazepam	4.584	736594	191	349	2910295	10
Phencyclidine	3.996	17199261	4990	3406	53120814	10
Phentermine	3.206	4893133	133	22	36819222	10
Phenytoin	4.073	21097	∞	∞	142900	10
Promethazine	4.730	22348421	∞	1005	75569451	10
Pseudoephedrine	2.749	114218681	14051	∞	221947404	10
Quetiapine	4.782	11785677	16013	4967	17506330	10
Sertraline	4.758	2867343	∞	421	15278640	10
Sufentanil	4.980	980497	∞	∞	43240945	10
Tapentadol	3.509	15062164	8887	∞	51316591	10
Temazepam	4.605	2446082	206	170	11133564	10
Tramadol	3.503	27707047	∞	163	69111748	10
Trazodone	4.951	11444678	2605	∞	40429309	10
Venlafaxine	3.868	26446878	64353	1499	63670756	10
Zaleplon	4.281	4479379	5654	149	13870298	10
Zolpidem	4.481	28402010	11438	161	63545752	10
Zopiclone	4.490	132428	67	43	603488	10

AM #25 Multi-Drug Screen Results

Batch results	D:\MassHunter\Data\am 25 031819\QuantResults\am 25 031819.batch.bin
Calibration Last Update	3/19/2019 4:02:33 PM

Instrument	69679	**Data File**	negative.d
Type	Sample	**Sample**	negative
Acq. Method	MDS ALL cda 121718.m	**Operator**	Anne Nord
Sample Position	P2-C1	**Comment**	
Injection Volume	5		
Acq. Date-Time	3/19/2019 1:06:28 PM		
Sample Info.			

Sample Chromatogram



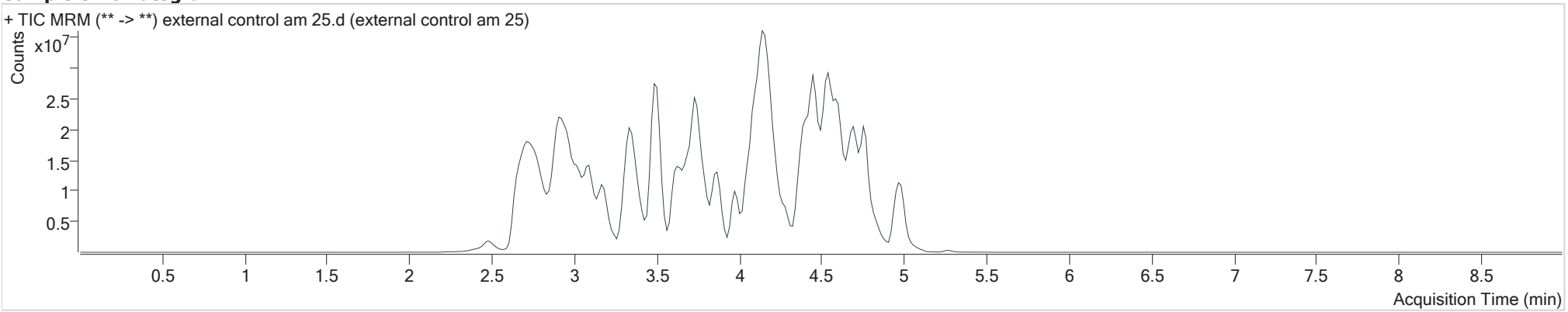
AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\am 25 031819\QuantResults\am 25 031819.batch.bin
Calibration Last Update 3/19/2019 4:02:33 PM

Instrument 69679
Type Sample
Acq. Method MDS ALL cda 121718.m
Sample Position P2-D1
Injection Volume 5
Acq. Date-Time 3/19/2019 1:16:39 PM
Sample Info.

Data File external control am 25.d
Sample external control am 25
Operator Anne Nord
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Hydrocodone	3.393	17084125	∞	∞	10225768	76
Hydromorphone	2.713	9587085	∞	∞	4615716	150
Nortriptyline	4.564	26235274	10856	∞	8705617	82
Sertraline	4.773	19025341	∞	15845	10211871	99