





















Worklist: 1955

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2017-3226	1	98026	AM 14 Blood Cannabinoids by	
M2017-3244	1	98028	AM 14 Blood Cannabinoids by	
M2017-3943	1	98040	AM 14 Blood Cannabinoids by	
M2017-4285	1	98042	AM 14 Blood Cannabinoids by	
P2017-1380	2	98030	AM 14 Blood Cannabinoids by	
P2017-1428	2	98031	AM 14 Blood Cannabinoids by	
P2017-1511	2	98032	AM 14 Blood Cannabinoids by	
P2017-1716	1	98033	AM 14 Blood Cannabinoids by	
P2017-1726	1	98034	AM 14 Blood Cannabinoids by	
P2017-1802	1	98035	AM 14 Blood Cannabinoids by	
P2017-1807	2	98037	AM 14 Blood Cannabinoids by	
P2017-1818	2	98038	AM 14 Blood Cannabinoids by	
P2017-1879	1	98039	AM 14 Blood Cannabinoids by	
P2017-2087	1	98044	AM 14 Blood Cannabinoids by	
P2017-2089	1	98046	AM 14 Blood Cannabinoids by	
P2017-2093	4	98047	AM 14 Blood Cannabinoids by	
P2017-2137	2	98048	AM 14 Blood Cannabinoids by	
P2017-2161	1	98049	AM 14 Blood Cannabinoids by	

Worklist Report

P

Worklist Path: C:\MassHunter\ISP Methods\worklists\SP CANN 101717.wkl
 Date Modified: 10/17/2017 04:34:00 PM
 Date Printed: 10/17/2017 04:34:34 PM

Worklist Run Parameters

Operator Name: 62340
 Run Type: Standard Start
 Part of Method to Run: Acquisition Only
 Execution for Acquisition-DA: Synchronous
 Acquisition Method Path: C:\MassHunter\ISP Methods\Acquisition
 DA Method Path: D:\MassHunter\methods
 Data File Path: C:\MassHunter\Data\2017\CANN\SP CANN 101717
 Pre-Worklist Script: ---
 Post-Worklist Script: SCP_InstrumentStandby(){MH_Acq_Scripts.exe}
 Acquisition Clean Up Script: ---
 Overlapped Injection: No
 Clear sample selection after run: Yes
 Wait Time for Ready(Min): 10
 Threshold Disk Value(GB): 50

Plate Barcode Information

Plate	Barcode
P1	
P2	

Worklist Table

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
P2-A1	Blank	isp blood cannabinoids Poky 2016-3.m	Blank.d	Blank		AM 14 Cannabinoids by LCQQQ	
P2-A1	Blank	isp blood cannabinoids Poky 2016-3.m	Blank.d	Blank		AM 14 Cannabinoids by LCQQQ	
P2-A2	Blood: 1_5 ng/mL	isp blood cannabinoids Poky 2016-3.m	Blood 1_5 ng/mL.d	Calibration	1	AM 14 Cannabinoids by LCQQQ	c-THC @5ng/mL, all others @1 ng/mL
P2-A3	Blood: 2_10 ng/mL	isp blood cannabinoids Poky 2016-3.m	Blood 2_10 ng/mL.d	Calibration	2	AM 14 Cannabinoids by LCQQQ	c-THC @10ng/mL, all others @2 ng/mL
P2-A4	Blood: 5_25 ng/mL	isp blood cannabinoids Poky 2016-3.m	Blood 5_25 ng/mL.d	Calibration	3	AM 14 Cannabinoids by LCQQQ	c-THC @25ng/mL, all



Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
							others @5 ng/mL
P2-A5	Blood: 10_50 ngmL	isp blood cannabinoids Poky 2016-3.m	Blood 10_50 ngmL.d	Calibration	4	AM 14 Cannabinoids by LCQQQ	c-THC @50ng/mL, all others @10 ng/mL
P2-A6	Blood: 25_125 ngmL	isp blood cannabinoids Poky 2016-3.m	Blood 25_125 ngmL.d	Calibration	5	AM 14 Cannabinoids by LCQQQ	c-THC @125ng/mL, all others @25 ng/mL
P2-A7	Blood: 50_250 ngmL	isp blood cannabinoids Poky 2016-3.m	Blood 50_250 ngmL.d	Calibration	6	AM 14 Cannabinoids by LCQQQ	c-THC @250ng/mL, all others @50 ng/mL
P2-A1	Blank	isp blood cannabinoids Poky 2016-3.m	Blank.d	Blank		AM 14 Cannabinoids by LCQQQ	
P2-A9	Blood Negative Control	isp blood cannabinoids Poky 2016-3.m	Blood Negative Control.d	Sample		AM 14 Cannabinoids by LCQQQ	Negative Blood UTAK Lot B1013
P2-B1	Blood PC1	isp blood cannabinoids Poky 2016-3.m	Blood PC1.d	Sample		AM 14 Cannabinoids by LCQQQ	Positive Control-UTAK B1013 + WS060716
P2-A1	Blank	isp blood cannabinoids Poky 2016-3.m	Blank.d	Blank		AM 14 Cannabinoids by LCQQQ	
P2-B2	M3226	isp blood cannabinoids Poky 2016-3.m	M3226.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-B3	M3244	isp blood cannabinoids Poky 2016-3.m	M3244.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-B4	M3943	isp blood cannabinoids Poky 2016-3.m	M3943.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-B5	M4285	isp blood cannabinoids Poky 2016-3.m	M4285.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-B6	P1380	isp blood cannabinoids Poky 2016-3.m	P1380.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-B7	P1428	isp blood cannabinoids Poky 2016-3.m	P1428.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-B8	P1511	isp blood cannabinoids Poky 2016-3.m	P1511.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-B9	P1716	isp blood cannabinoids Poky 2016-3.m	P1716.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-C1	P1726	isp blood cannabinoids Poky 2016-3.m	P1726.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-C2	Blood PC2	isp blood cannabinoids Poky 2016-3.m	Blood PC2.d	Sample		AM 14 Cannabinoids by LCQQQ	Positive Control-UTAK B1013 + WS060716

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
P2-C3	P1802	isp blood cannabinoids Poky 2016-3.m	P1802.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-C4	P1807	isp blood cannabinoids Poky 2016-3.m	P1807.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-C5	P1818	isp blood cannabinoids Poky 2016-3.m	P1818.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-C6	P1879	isp blood cannabinoids Poky 2016-3.m	P1879.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-C7	P2087	isp blood cannabinoids Poky 2016-3.m	P2087.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-C8	P2089	isp blood cannabinoids Poky 2016-3.m	P2089.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-C9	P2093-4	isp blood cannabinoids Poky 2016-3.m	P2093-4.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-D1	P2137-2	isp blood cannabinoids Poky 2016-3.m	P2137-2.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-D2	P2161	isp blood cannabinoids Poky 2016-3.m	P2161.d	Sample		AM 14 Cannabinoids by LCQQQ	Blood
P2-A1	Blank	isp blood cannabinoids Poky 2016-3.m	Blank.d	Blank		AM 14 Cannabinoids by LCQQQ	Blood

P

ISP FORENSICS Calibration Curve Report

B

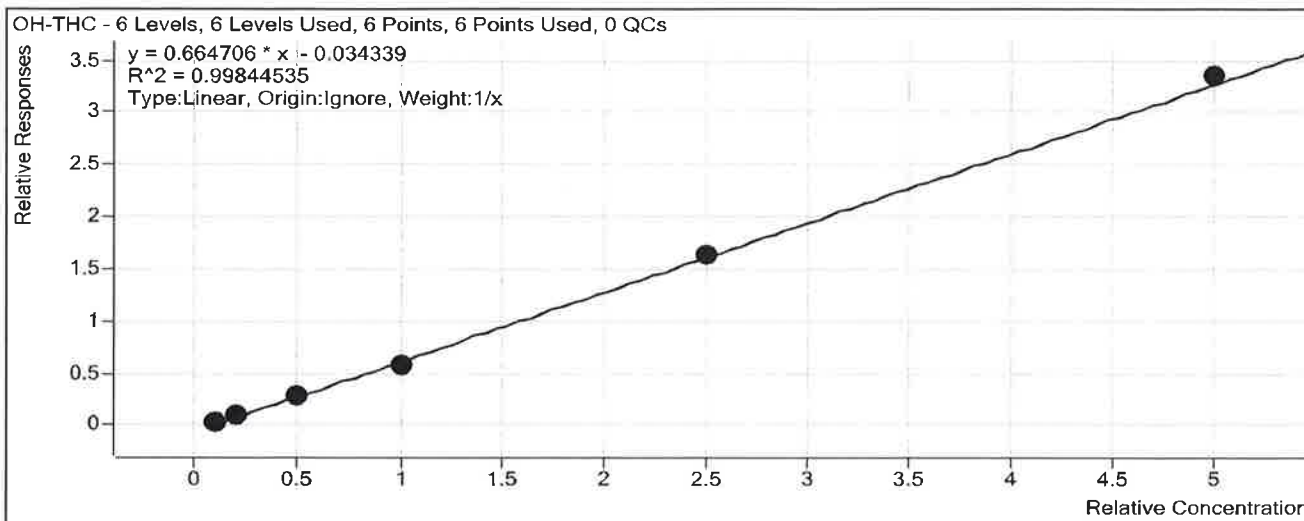
Batch Data Path C:\MassHunter\Data\2017\CANN\SP CANN 101717\QuantResults\101717 CANN SP.batch.bin

Last Calib Update 10/20/2017 9:15 AM

Analyst Name ISP TOX

Target Compound OH-THC

Internal Standard OH-THC-d3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
Blood: 1_5 ng/mL	1	<input checked="" type="checkbox"/>	1	1.1	113.2
Blood: 2_10 ng/mL	2	<input checked="" type="checkbox"/>	2	2.0	97.8
Blood: 5_25 ng/mL	3	<input checked="" type="checkbox"/>	5	4.7	94.8
Blood: 10_50 ng/mL	4	<input checked="" type="checkbox"/>	10	9.2	91.7
Blood: 25_125 ng/mL	5	<input checked="" type="checkbox"/>	25	25.2	100.8
Blood: 50_250 ng/mL	6	<input checked="" type="checkbox"/>	50	50.8	101.6

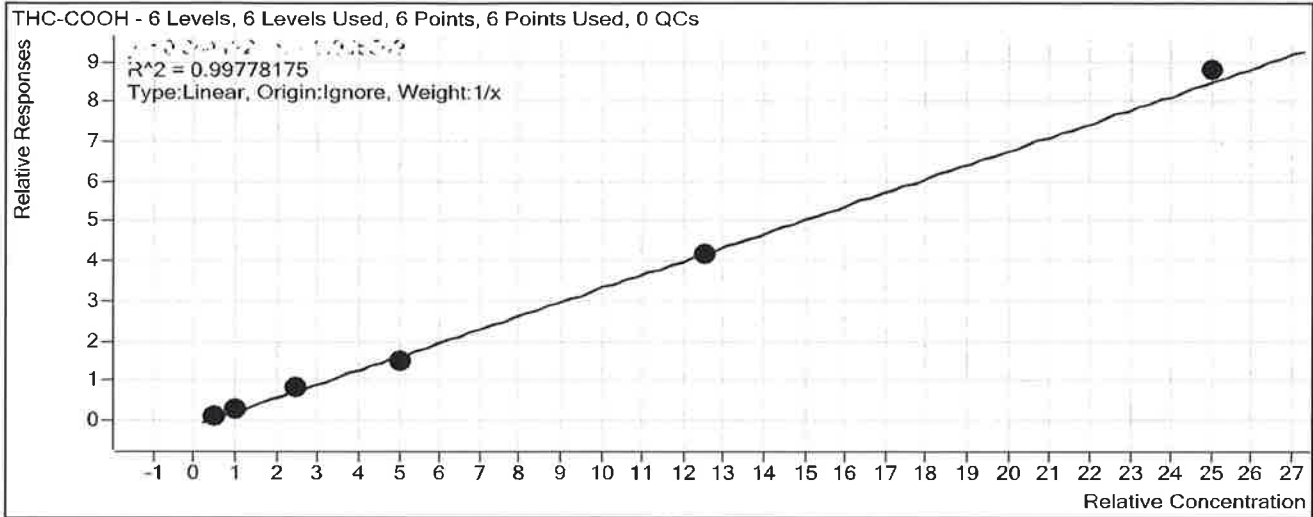
ISP FORENSICS Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2017\CANN\SP CANN 101717\QuantResults\101717 CANN SP.batch.bin

Last Calib Update 10/20/2017 9:15 AM **Analyst Name** ISP TOX

Target Compound *THC-COOH*
Internal Standard *THC-COOH-d3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
Blood: 1_5 ngmL	1	<input checked="" type="checkbox"/>	5	5.6	111.6
Blood: 2_10 ngmL	2	<input checked="" type="checkbox"/>	10	9.6	95.7
Blood: 5_25 ngmL	3	<input checked="" type="checkbox"/>	25	25.5	101.9
Blood: 10_50 ngmL	4	<input checked="" type="checkbox"/>	50	45.0	90.0
Blood: 25_125 ngmL	5	<input checked="" type="checkbox"/>	125	122.6	98.1
Blood: 50_250 ngmL	6	<input checked="" type="checkbox"/>	250	256.7	102.7

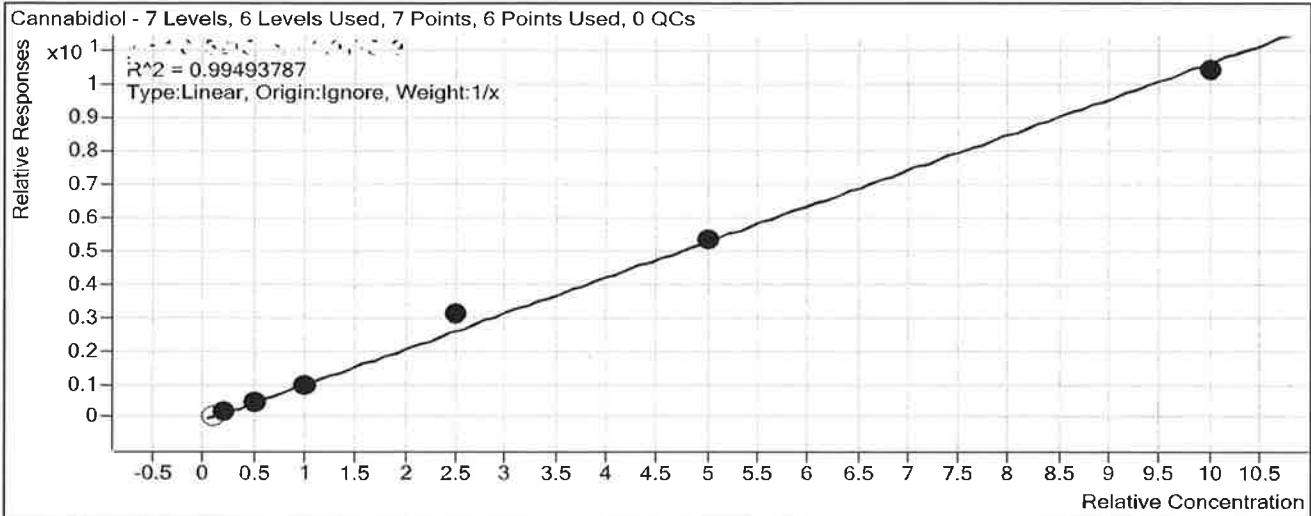
ISP FORENSICS Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2017\CANN\SP CANN 101717\QuantResults\101717 CANN SP.batch.bin

Last Calib Update 10/20/2017 9:15 AM **Analyst Name** ISP TOX

Target Compound Cannabidiol
Internal Standard Cannabidiol-d3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
Blood: 1_5 ng/mL	1	<input type="checkbox"/>	1	0.0	0.0
Blood: 2_10 ng/mL	2	<input checked="" type="checkbox"/>	2	0.0	0.0
Blood: 5_25 ng/mL	3	<input checked="" type="checkbox"/>	5	0.0	0.0
Blood: 10_50 ng/mL	4	<input checked="" type="checkbox"/>	10	0.0	0.0
Blood: 25_125 ng/mL	5	<input checked="" type="checkbox"/>	25	0.0	0.0
Blood: 50_250 ng/mL	6	<input checked="" type="checkbox"/>	50	0.0	0.0

~~Cannabidiol was not evaluated~~

P

Cannabidiol was not evaluated P

ISP Forensics Calibration Curve Report

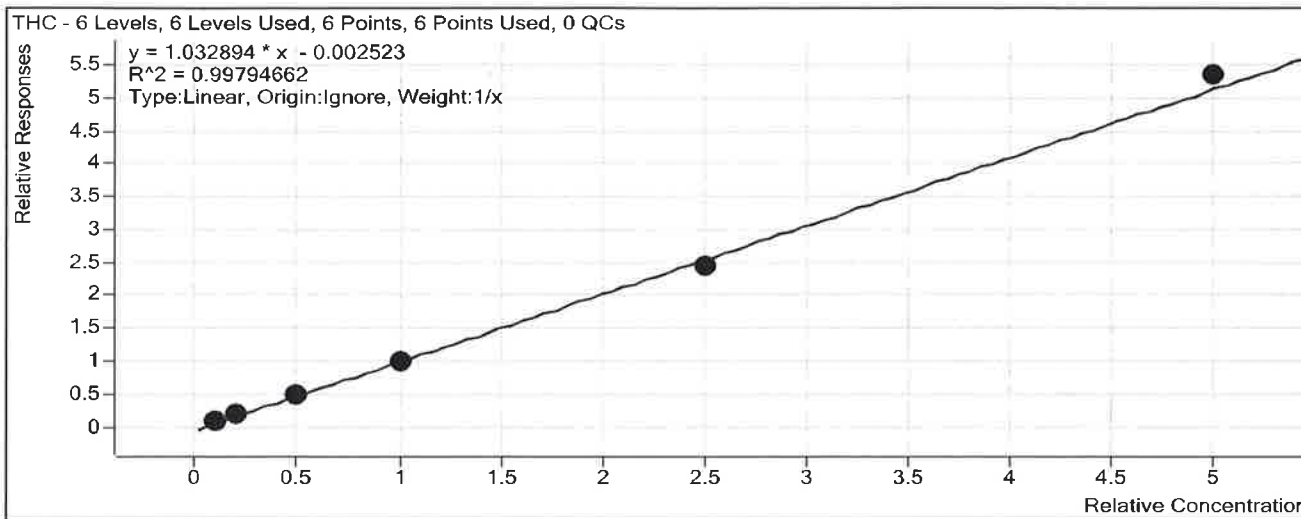
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Batch Data Path C:\MassHunter\Data\2017\CANN\SP CANN 101717\QuantResults\101717 CANN SP.batch.bin

Last Calib Update 10/20/2017 9:15 AM

Analyst Name ISP TOX

Target Compound *THC*
Internal Standard *THC-d3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
Blood: 1_5 ng/mL	1	<input checked="" type="checkbox"/>	1	1.1	109.3
Blood: 2_10 ng/mL	2	<input checked="" type="checkbox"/>	2	2.0	99.8
Blood: 5_25 ng/mL	3	<input checked="" type="checkbox"/>	5	4.8	95.7
Blood: 10_50 ng/mL	4	<input checked="" type="checkbox"/>	10	9.7	96.8
Blood: 25_125 ng/mL	5	<input checked="" type="checkbox"/>	25	23.7	94.9
Blood: 50_250 ng/mL	6	<input checked="" type="checkbox"/>	50	51.7	103.4

ISP FORENSICS
Pocatello
Cannabinoid Analysis Report

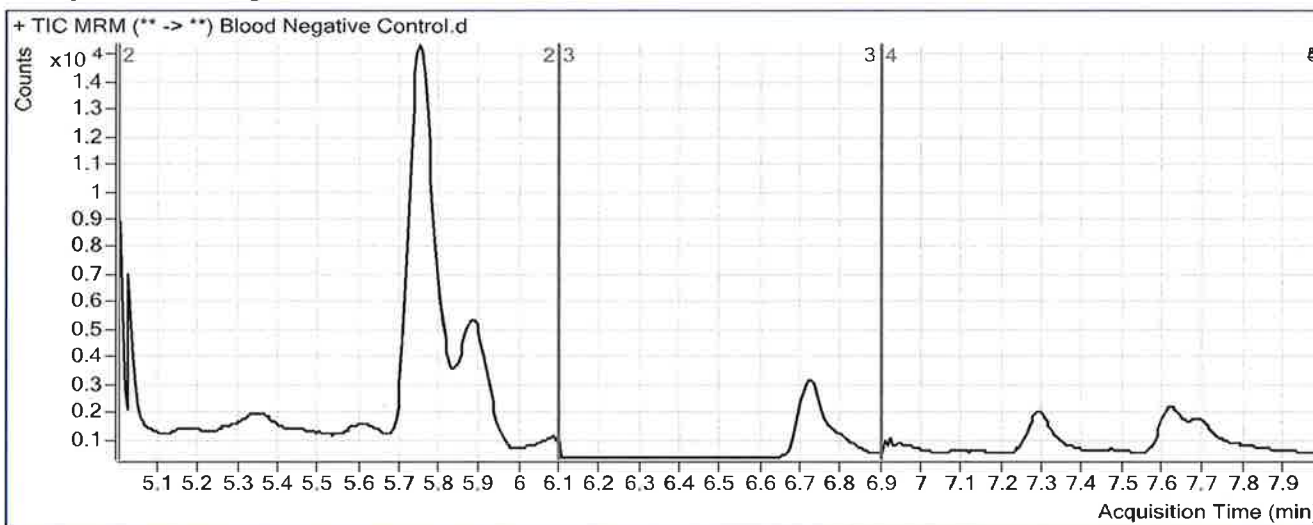
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Batch Data Path C:\MassHunter\Data\2017\CANN\SP CANN 101717\QuantResults\101717 CANN SP.batch.bin
Analysis Time 10/20/2017 9:15 AM **Analyst Name** ISPUser
Report Time 10/20/2017 9:22 AM **Reporter Name** ISPUser
Last Calib Update 10/20/2017 9:15 AM **Batch State** Processed

Analysis Info

Acq Time 2017-10-17 18:41 **Data File** Blood Negative Control.d
Sample Type Sample **Sample Name** Blood Negative Control
Dilution 1 **Acq Method** isp blood cannabinoids Poky 2016-3.m
Position P2-A9 **Sample Info** Negative Blood UTAK Lot B1013
Inj Vol -1 **Comment** AM 14 Cannabinoids by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
OH-THC	OH-THC-d3	5.712	175	58462	0.0030	0.5616

ISP FORENSICS
Pocatello
Cannabinoid Analysis Report

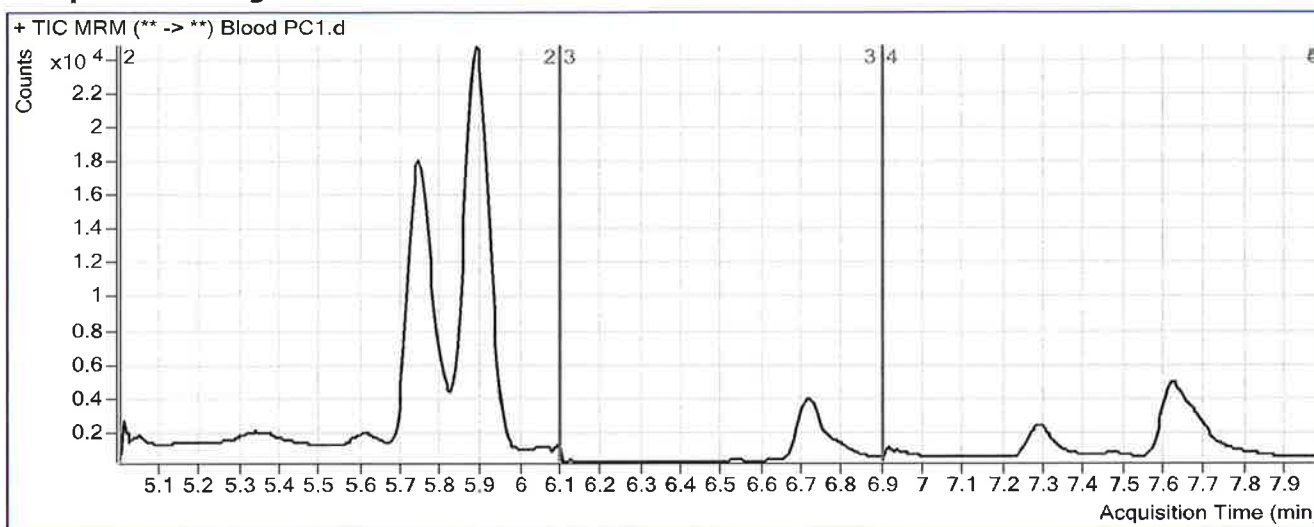
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Batch Data Path C:\MassHunter\Data\2017\CANN\SP CANN 101717\QuantResults\101717 CANN SP.batch.bin
Analysis Time 10/20/2017 9:15 AM **Analyst Name** ISPUser
Report Time 10/20/2017 9:22 AM **Reporter Name** ISPUser
Last Calib Update 10/20/2017 9:15 AM **Batch State** Processed

Analysis Info

Acq Time 2017-10-17 18:54 **Data File** Blood PC1.d
Sample Type Sample **Sample Name** Blood PC1
Dilution 1 **Acq Method** isp blood cannabinoids Poky 2016-3.m
Position P2-B1 **Sample Info** Positive Control- UTAK B1013 + WS060716
Inj Vol -1 **Comment** AM 14 Cannabinoids by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
OH-THC	OH-THC-d3	5.891	897	66742	0.0134	0.7189
THC-COOH	THC-COOH-d3	5.888	10804	7663	1.4099	42.5843
THC	THC-d3	7.625	4673	6031	0.7749	7.5262

ISP FORENSICS
Pocatello
Cannabinoid Analysis Report

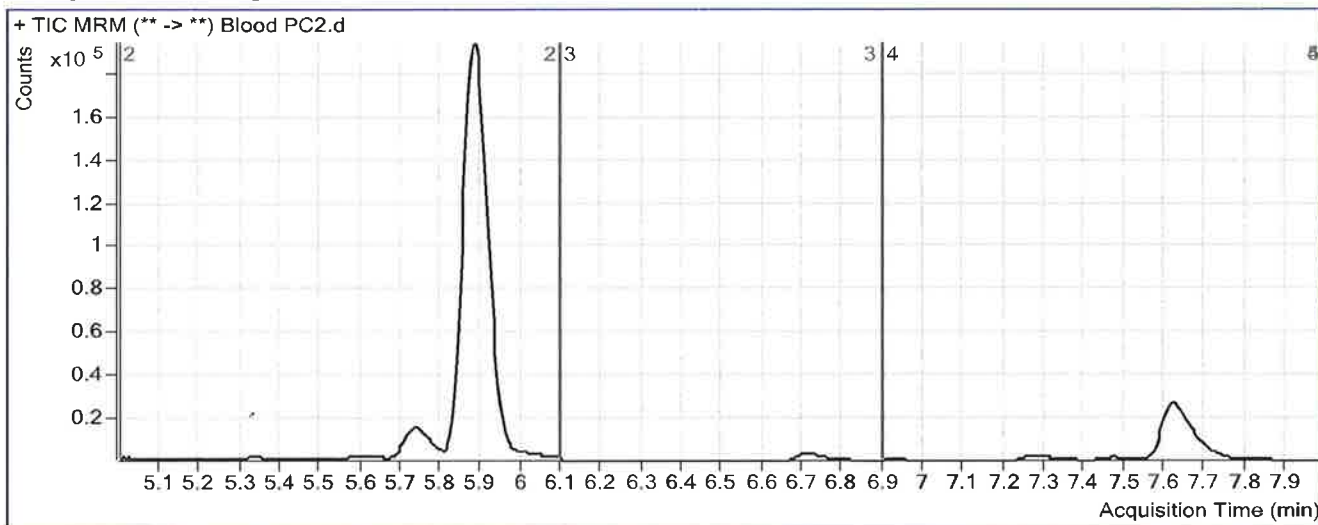
P

Batch Data Path C:\MassHunter\Data\2017\CANN\SP CANN 101717\QuantResults\101717 CANN SP.batch.bin
Analysis Time 10/20/2017 9:15 AM **Analyst Name** ISPUser
Report Time 10/20/2017 9:23 AM **Reporter Name** ISPUser
Last Calib Update 10/20/2017 9:15 AM **Batch State** Processed

Analysis Info

Acq Time 2017-10-17 21:20 **Data File** Blood PC2.d
Sample Type Sample **Sample Name** Blood PC2
Dilution 1 **Acq Method** isp blood cannabinoids Poky 2016-3.m
Position P2-C2 **Sample Info** Positive Control- UTAK B1013 + WS060716
Inj Vol -1 **Comment** AM 14 Cannabinoids by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
OH-THC	OH-THC-d3	5.774	133	62230	0.0021	0.5487
THC-COOH	THC-COOH-d3	5.883	118915	7497	15.8623	462.5653
Cannabidiol	Cannabidiol-d3	6.716	182	6876	0.0264	0.4092
THC	THC-d3	7.619	55250	6283	8.7934	85.1577