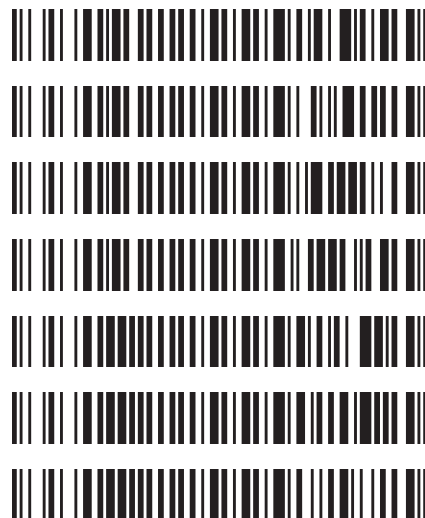


**Worklist: 1173**

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
M2016-0529	1	59436	6.1.2 Blood Cannabinoids by LC
M2016-1098	1	59437	6.1.2 Blood Cannabinoids by LC
M2016-1198	1	59438	6.1.2 Blood Cannabinoids by LC
M2016-1675	1	59439	6.1.2 Blood Cannabinoids by LC
P2016-0333	1	59440	6.1.2 Blood Cannabinoids by LC
P2016-0340	1	59441	6.1.2 Blood Cannabinoids by LC
P2016-0345	1	59442	6.1.2 Blood Cannabinoids by LC



reviewed 6/29/16 AMN

# Worklist Report

Worklist Path:	C:\MassHunter\ISP Methods\worklists\CS CANN 062416.wkl
Date Modified:	06/24/2016 01:04:02 PM
Date Printed:	06/24/2016 01:09:00 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\2016\062416CANN
Pre-Worklist Script:	---
Post-Worklist Script:	SCP_InstrumentStandby(){MH_Acq_Scripts.exe}
Acquisition Clean Up Script:	SCP_InstrumentStandby(){MH_Acq_Scripts.exe}
Overlapped Injection:	No
Clear sample selection after run:	Yes
Wait Time for Ready(Min):	10
Threshold Disk Value(GB):	10
Comment:	---

## 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 2016-1.m	Blank1-r000.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A1	Blank	isp blood cannabinoids Poky 2016-1.m	Blank1-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A1	Blank	isp blood cannabinoids Poky 2016-1.m	Blank2-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A2	Blood: 1_5 ng/mL	isp blood cannabinoids Poky 2016-1.m	B_CAL1-r001.d	Calibration	1	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @5ng/mL, all others @1 ng/mL
P2-A3			B_CAL2_r001.d	Calibration	2		



Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
P2-A9	Blank M2016-1198-1	isp blood cannabinoids Poky 2016-1.m	M2016-1198-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B4	M2016-1198-1	isp blood cannabinoids Poky 2016-1.m	M2016-1198-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank M2016-1675-1	isp blood cannabinoids Poky 2016-1.m	M2016-1675-11_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B5	M2016-1675-1	isp blood cannabinoids Poky 2016-1.m	M2016-1675-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank P2016-0333-1	isp blood cannabinoids Poky 2016-1.m	P2016-0333-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B6	P2016-0333-1	isp blood cannabinoids Poky 2016-1.m	P2016-0333-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A1	Blank	isp blood cannabinoids Poky 2016-1.m	cann-Carryover blank3_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-C3	Blood Positive Control 2	isp blood cannabinoids Poky 2016-1.m	cann-Positive Control2-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	UTAK B1013 + WS060716
P2-A1	Blank	isp blood cannabinoids Poky 2016-1.m	Carryover blank4_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A9	Blank P2016-0340-1	isp blood cannabinoids Poky 2016-1.m	P2016-0340-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B7	P2016-0340-1	isp blood cannabinoids Poky 2016-1.m	P2016-0340-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank P2016-0345-1	isp blood cannabinoids Poky 2016-1.m	P2016-0345-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B8	P2016-0345-1	isp blood cannabinoids Poky 2016-1.m	P2016-0345-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A1	Blank	isp blood cannabinoids Poky 2016-1.m	Blank3-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	Blood

# ISP Forensics Calibration Curve Report

69

**Batch Data Path** C:\MassHunter\Data\2016\062416CANN\QuantResults\62416 poc cann.batch.bin

**Last Calib Update** 6/28/2016 11:05 AM

**Analyst Name**

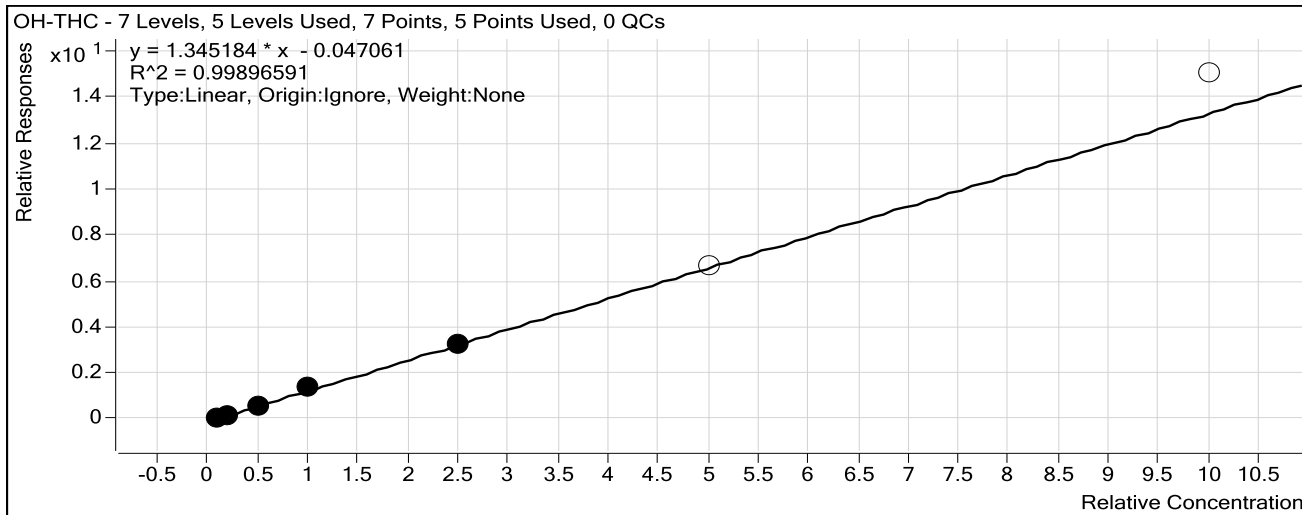
ISP TOX

**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	1.0	99.6
Blood: 2_10 ng/mL	2	<input checked="" type="checkbox"/>	2	1.8	89.5
Blood: 5_25 ng/mL	3	<input checked="" type="checkbox"/>	5	4.8	96.7
Blood: 10_50 ng/mL	4	<input checked="" type="checkbox"/>	10	10.5	105.5
Blood: 25_125 ng/mL	5	<input checked="" type="checkbox"/>	25	24.8	99.3
Blood: 50_250 ng/mL	6	<input type="checkbox"/>	50	49.7	99.5
Blood: 100_500 ng/mL	7	<input type="checkbox"/>	100	112.2	112.2

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\062416CANN\QuantResults\62416 poc cann.batch.bin

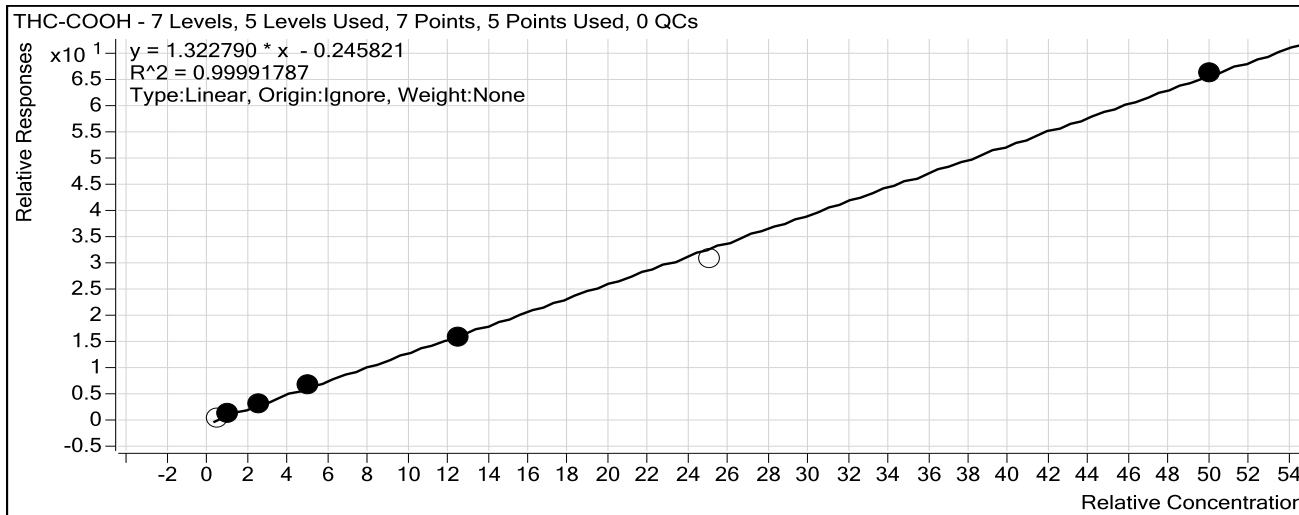
**Last Calib Update** 6/28/2016 11:05 AM

**Analyst Name**

ISP TOX

**Target Compound** *THC-COOH*

**Internal Standard** *THC-COOH-d3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
Blood: 1_5 ng/mL	1	<input type="checkbox"/>	5	5.3	106.7
Blood: 2_10 ng/mL	2	<input checked="" type="checkbox"/>	10	9.9	98.6
Blood: 5_25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.9	103.4
Blood: 10_50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.8	103.6
Blood: 25_125 ng/mL	5	<input checked="" type="checkbox"/>	125	121.9	97.5
Blood: 50_250 ng/mL	6	<input type="checkbox"/>	250	234.5	93.8
Blood: 100_500 ng/mL	7	<input checked="" type="checkbox"/>	500	500.5	100.1

# ISP Forensics Calibration Curve Report

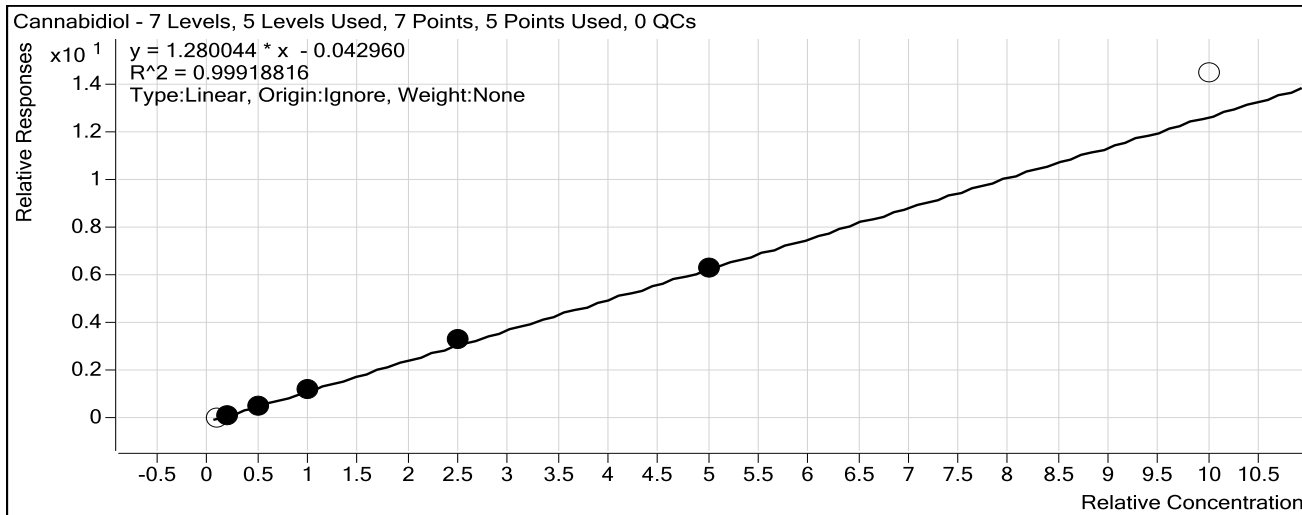
**Batch Data Path** C:\MassHunter\Data\2016\062416CANN\QuantResults\62416 poc cann.batch.bin

**Last Calib Update** 6/28/2016 11:05 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	1.0	95.7
Blood: 2_10 ng/mL	2	<input checked="" type="checkbox"/>	2	1.8	88.3
Blood: 5_25 ng/mL	3	<input checked="" type="checkbox"/>	5	4.9	97.3
Blood: 10_50 ng/mL	4	<input checked="" type="checkbox"/>	10	9.8	98.2
Blood: 25_125 ng/mL	5	<input checked="" type="checkbox"/>	25	26.0	103.9
Blood: 50_250 ng/mL	6	<input checked="" type="checkbox"/>	50	49.6	99.1
Blood: 100_500 ng/mL	7	<input type="checkbox"/>	100	113.4	113.4

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\062416CANN\QuantResults\62416 poc cann.batch.bin

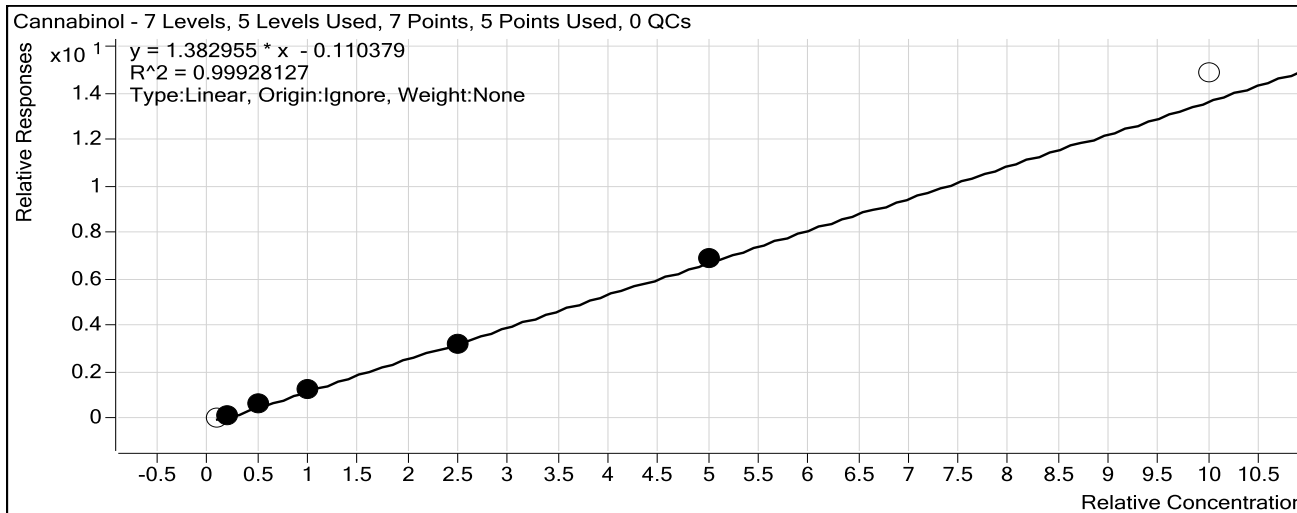
**Last Calib Update** 6/28/2016 11:05 AM

**Analyst Name**

ISP TOX

**Target Compound** *Cannabinol*

**Internal Standard** *Cannabinol-d3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
Blood: 1_5 ng/mL	1	<input type="checkbox"/>	1	1.5	147.5
Blood: 2_10 ng/mL	2	<input checked="" type="checkbox"/>	2	2.0	100.9
Blood: 5_25 ng/mL	3	<input checked="" type="checkbox"/>	5	5.5	109.3
Blood: 10_50 ng/mL	4	<input checked="" type="checkbox"/>	10	10.0	100.0
Blood: 25_125 ng/mL	5	<input checked="" type="checkbox"/>	25	24.1	96.5
Blood: 50_250 ng/mL	6	<input checked="" type="checkbox"/>	50	50.4	100.8
Blood: 100_500 ng/mL	7	<input type="checkbox"/>	100	108.1	108.1



# ISP Forensics Calibration Curve Report

69

**Batch Data Path** C:\MassHunter\Data\2016\062416CANN\QuantResults\62416 poc cann.batch.bin

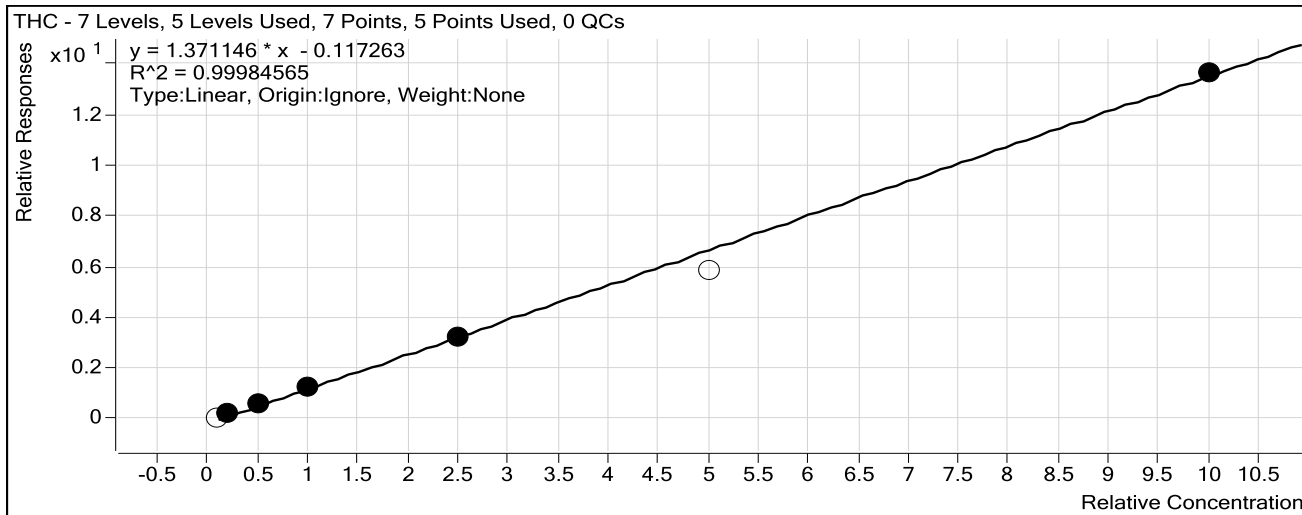
**Last Calib Update** 6/28/2016 11:05 AM

**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 type="checkbox"/>	1	1.4	141.2
Blood: 2_10 ng/mL	2	<input checked="" type="checkbox"/>	2	2.2	111.0
Blood: 5_25 ng/mL	3	<input checked="" type="checkbox"/>	5	5.2	103.6
Blood: 10_50 ng/mL	4	<input checked="" type="checkbox"/>	10	10.3	103.2
Blood: 25_125 ng/mL	5	<input checked="" type="checkbox"/>	25	24.1	96.4
Blood: 50_250 ng/mL	6	<input type="checkbox"/>	50	43.7	87.4
Blood: 100_500 ng/mL	7	<input checked="" type="checkbox"/>	100	100.2	100.2

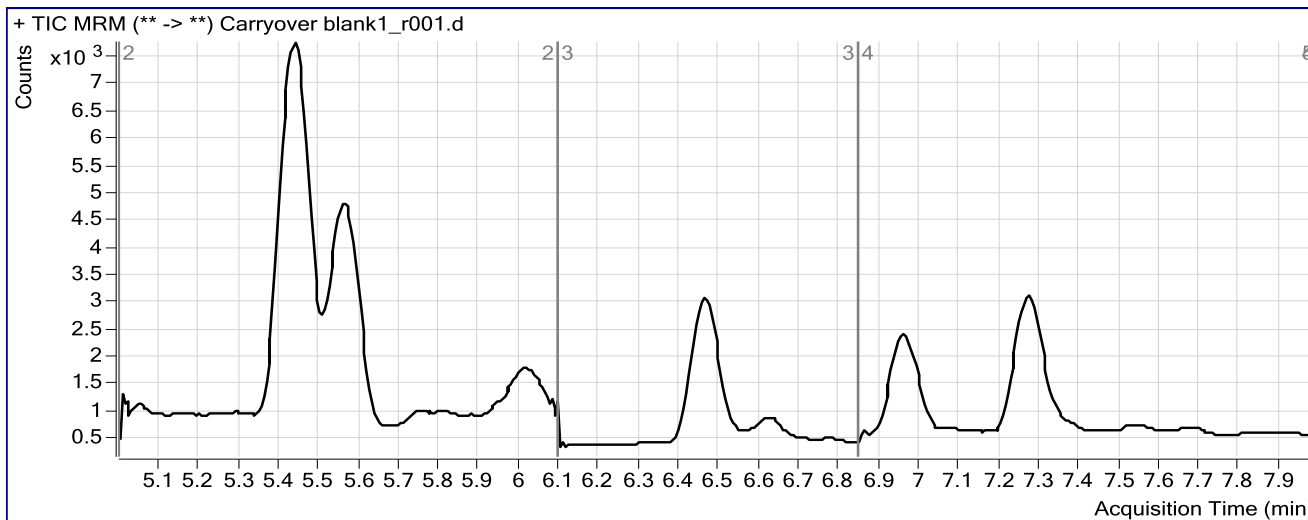
# ISP FORENSICS Pocatello Cannabinoid Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2016\062416CANN\QuantResults\62416 poc cann.batch.bin		
<b>Analysis Time</b>	6/28/2016 11:05 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	6/28/2016 1:18 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	6/28/2016 11:05 AM	<b>Batch State</b>	Processed

### Analysis Info

<b>Acq Time</b>	2016-06-24 14:25	<b>Data File</b>	Carryover blank1_r001.d
<b>Sample Type</b>	Blank	<b>Sample Name</b>	Blank
<b>Dilution</b>	1	<b>Acq Method</b>	isp blood cannabinoids Poky 2016-1.m
<b>Position</b>	P2-A1	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.2 Cannabinoids by LCQQQ

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Cannabidiol	Cannabidiol-d3	6.572	62	3884	0.0160	0.4610

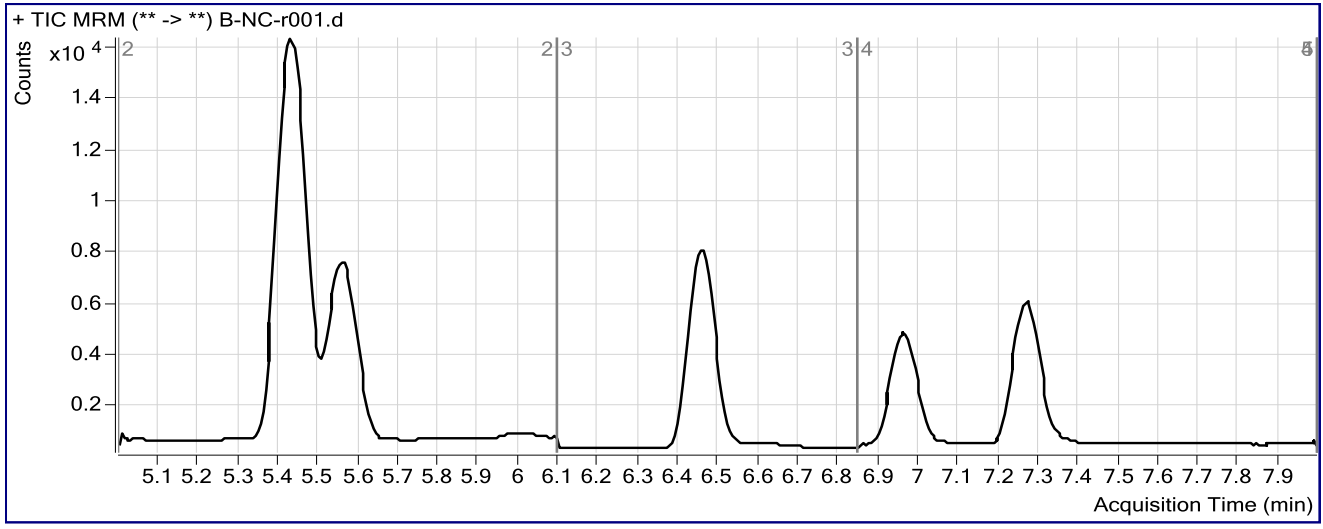
# ISP FORENSICS Pocatello Cannabinoid Analysis Report

**Batch Data Path** C:\MassHunter\Data\2016\062416CANN\QuantResults\62416 poc cann.batch.bin  
**Analysis Time** 6/28/2016 11:05 AM **Analyst Name** ISPUser  
**Report Time** 6/28/2016 1:18 PM **Reporter Name** ISPUser  
**Last Calib Update** 6/28/2016 11:05 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2016-06-24 14:39 **Data File** B-NC-r001.d  
**Sample Type** Sample **Sample Name** Blood Negative Control  
**Dilution** 1 **Acq Method** isp blood cannabinoids Poky 2016-1.m  
**Position** P2-A9 **Sample Info** Negative Blood UTAK Lot B1013  
**Inj Vol** -1 **Comment** AM 6.1.2 Cannabinoids by LCQQQ

### Sample Chromatogram



# ISP FORENSICS

## Pocatello

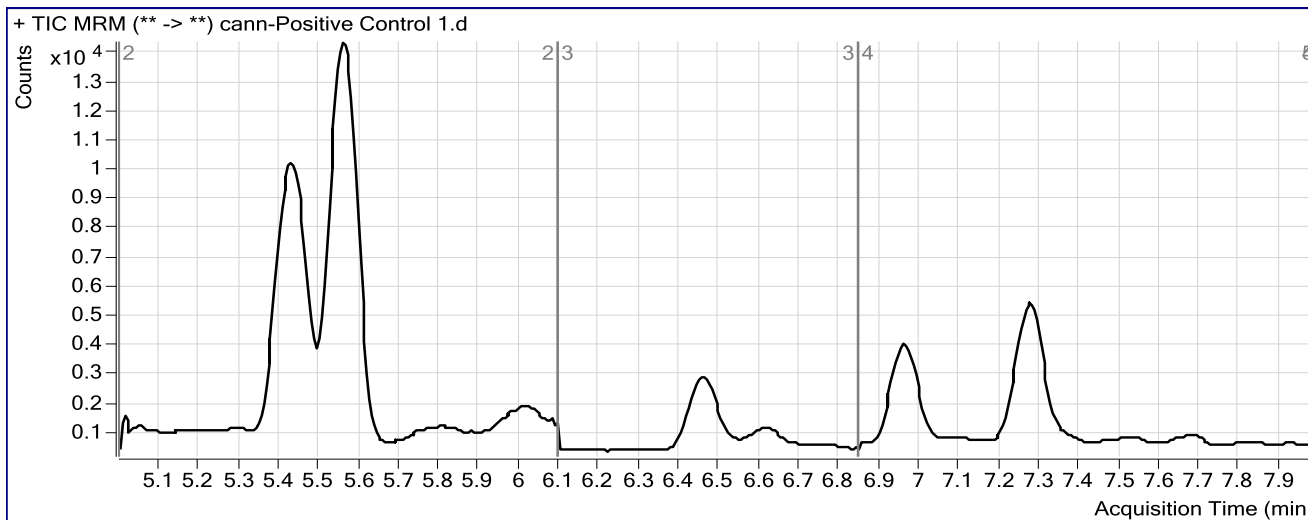
### Cannabinoid Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2016\062416CANN\QuantResults\62416 poc cann.batch.bin		
<b>Analysis Time</b>	6/28/2016 11:05 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	6/28/2016 1:19 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	6/28/2016 11:05 AM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2016-06-24 14:52	<b>Data File</b>	cann-Positive Control 1.d
<b>Sample Type</b>	Sample	<b>Sample Name</b>	Blood Positive Control 1
<b>Dilution</b>	1	<b>Acq Method</b>	isp blood cannabinoids Poky 2016-1.m
<b>Position</b>	P2-B1	<b>Sample Info</b>	UTAK B1013 + WS060716
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.2 Cannabinoids by LCQQQ

#### Sample Chromatogram



#### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-COOH	THC-COOH-d3	5.564	15047	8571	1.7555	15.1294
Cannabinol	Cannabinol-d3	6.967	3534	8112	0.4357	3.9488
THC	THC-d3	7.278	2618	7748	0.3379	3.3194

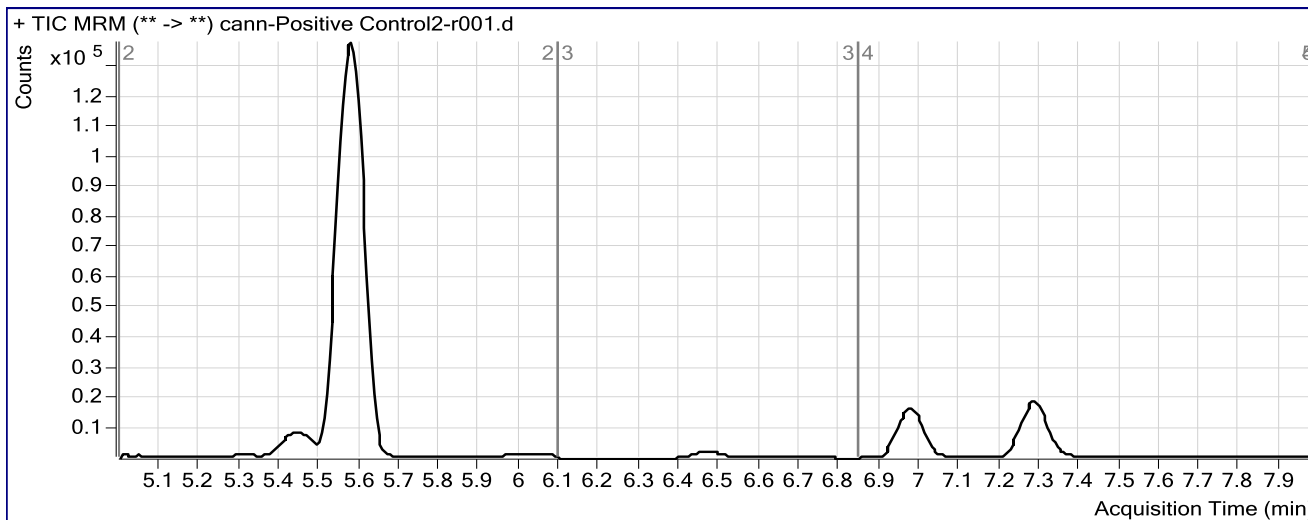
# ISP FORENSICS Pocatello Cannabinoid Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2016\062416CANN\QuantResults\62416 poc cann.batch.bin		
<b>Analysis Time</b>	6/28/2016 11:05 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	6/28/2016 1:19 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	6/28/2016 11:05 AM	<b>Batch State</b>	Processed

### Analysis Info

<b>Acq Time</b>	2016-06-24 17:45	<b>Data File</b>	cann-Positive Control2-r001.d
<b>Sample Type</b>	Sample	<b>Sample Name</b>	Blood Positive Control 2
<b>Dilution</b>	1	<b>Acq Method</b>	isp blood cannabinoids Poky 2016-1.m
<b>Position</b>	P2-C3	<b>Sample Info</b>	UTAK B1013 + WS060716
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.2 Cannabinoids by LCQQQ

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-COOH	THC-COOH-d3	5.580	237134	8089	29.3164	223.4836
Cannabidiol	Cannabidiol-d3	6.472	0	3791	0.0000	0.0000
Cannabinol	Cannabinol-d3	6.978	43415	6300	6.8917	50.6310
THC	THC-d3	7.283	28131	4974	5.6556	42.1028