

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: ROD GULLBERG / AMY O'BRIEN

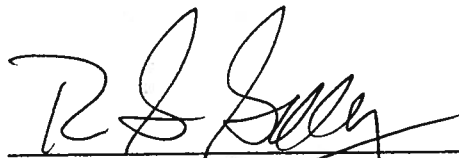
Date: 12-2-2010

Location: TOX LAB

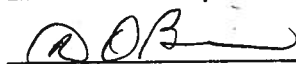
Solution Batch Number: 10058

	YES	NO	N/A
Analysis dates do not precede preparation date:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Declarations signed and properly dated:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Data entry corresponds to all chromatograms:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All signatures present on Test Report:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Average solution concentration correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standard deviation correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CV (%) correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equivalent vapor concentration correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All chromatograms and sequences included in file:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ethanol control information present: (lot # present & used within expiration)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Complies with accuracy and precision requirements established by the State Toxicologist:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

Reviewer Signature: 

Date: 12-2-2010

Reviewer Signature: 

Date: 12-2-10

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION
2203 Airport Way S, Suite 360 SEATTLE, WA 98134

QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 10058

CUSTOMER INFORMATION

Washington State Patrol – Breath Test Program
811 East Roanoke SEATTLE, WA 98102

TESTING PROCEDURE USED: TLD Technical Manual, Chapter 4.0 Certification of Simulator Solutions;
Headspace-Gas Chromatography.

TESTING ITEM INFORMATION

TARGET VAPOR CONCENTRATION: 0.10 g/210L
DATE PREPARED: 11/08/2010
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Brittany Ball

	BB	JLK	CM
1	0.127	0.126	0.126
2	0.127	0.127	0.126
3	0.125	0.126	0.125
4	0.128	0.127	0.126
5	0.125	0.126	0.126
C	0.101	0.100	0.101

ETHANOL CONTROL INFORMATION

LOT NUMBER: A071132 EXPIRATION: 03/2014 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.1262 g/100mL PRECISION CV (%): 0.68
STANDARD DEVIATION: 0.00086 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: 0.1026 g/210L

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5
Melissa L. Pemberton Forensic Scientist Supervisor

12-7-2010
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
BB	Brittany Ball	<i>Brittany Ball</i>	11/08/2010
JLK	Justin L. Knoy	<i>Justin L. Knoy</i>	11/10/2010
CM	Christie Mitchell	<i>Christie Mitchell</i>	11/17/2010

This report applies only to the item being tested and shall not be reproduced except in full, without the written approval of the WSP Toxicology Laboratory Division. Page 1 of 1

QAP_TR Revision: Original Approved by the State Toxicologist Effective Date: 05/11/09

Washington State Patrol - Toxicology Laboratory Division
 QAP Test Report Calculation Record

QAP Solution Batch #: 10058 Date Prepared: 11/8/2010

Analyst: BB JLK CM
 Date Tested: 11/8/2010 11/10/2010 11/17/2010
 Instrument: HS#1 HS#1 HS#1

	1	2	3	4	5	C
CV ² COA	0.127	0.127	0.125	0.128	0.125	0.101
CV ² QAP Solution	0.126	0.127	0.126	0.127	0.126	0.101
CV ² Control	0.126	0.126	0.125	0.126	0.126	0.101
CV ² Part Coef	0.126	0.126	0.125	0.126	0.126	0.101

CV ² COA	CV ² QAP Solution	CV ² Control	CV ² Bias	CV ² Part Coef
0.0000084100	0.0000031095	0.0000109644	0.0000333333	0.0001016326

Ethanol Control Lot #: A071132
 Control Uncertainty (%): 0.29
 Maximum (-) Control Bias: 0.000
 Maximum (+) Control Bias: 0.001

Average Solution Concentration: 0.1262 g/100mL
 Standard Deviation: 0.00086 g/100mL
 Precision CV (%): 0.68
 Equivalent Vapor Concentration: 0.1026 g/210L
 Combined Standard Uncertainty (±): 0.0013 g/210L

Calculations performed by: Melissa L. Pemberton Signature: [Signature] Date: 11-9-10
 Calculations verified by: RAA G. W. ... Signature: [Signature] Date: 12-2-2010
 Method: EXHA

Tech. review performed by: Melissa L. Pemberton Signature: [Signature] Date: 12-7-10

SOLUTION CERTIFICATE REVIEW

Please check that the data on your chromatograms is the data entered into the Test Report, that the date to the right of your name is the date that you tested the solution, and then sign the Test Report.

Please initial and date below to affirm that you have:

- 1) Checked your data
- 2) Checked the date to the right of your name on the Test Report
- 3) Signed the Test Report

	Initials	Date
Amanda Black		
Asa Louis		
Brian Capron		
Brianna Peterson		
Brianne O'Reilly		
Brittany Ball	BB	11/19/10
Christie Mitchell	CM	11/19/10
Christopher Johnston		
Dawn Cox		
Justin Knoy	JK	11/24/10
Lisa Noble	LN	
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson		

Batch # 1 0 0 5 8

CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

**DATAMASTER 0.10 QAP SOLUTION
CERTIFICATION FOR LOT 10058**

I, Brittany Ball, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biology and a Masters in Forensic Science.

The qap solution, Lot Number 10058, was prepared in the Washington State Toxicology Laboratory on 11/8/2010. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 11/8/2011.

Seattle, WA

Brittany Ball 11/19/10

Brittany Ball

Date

Forensic Toxicologist

BB/ik



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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**DATAMASTER 0.10 QAP SOLUTION
CERTIFICATION FOR LOT 10058**

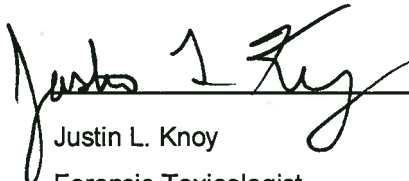
I, Justin L. Knoy, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biology, and MS degree in Forensic Science.

The qap solution, Lot Number 10058, was prepared in the Washington State Toxicology Laboratory on 11/8/2010. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 11/8/2011.

Seattle, WA

 11/24/10
Justin L. Knoy Date
Forensic Toxicologist

JLK/ik



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

**DATAMASTER 0.10 QAP SOLUTION
CERTIFICATION FOR LOT 10058**

I, Christie Mitchell, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BA degree in Chemistry and MFS degree in Forensic Science.

The qap solution, Lot Number 10058, was prepared in the Washington State Toxicology Laboratory on 11/8/2010. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 11/8/2011.

Seattle, WA

Christie Mitchell 11/19/2010

Christie Mitchell

Date

Forensic Toxicologist

CM/ik



Sequence Parameters:

Operator: Brittany Ball

Data File Naming: Prefix/Counter

Signal 1 Prefix: SIG1
Counter: 0001

Signal 2 Prefix: SIG2
Counter: 0001

Data Directory: C:\HPCHEM\1\DATA\
Data Subdirectory: 101108BB

Part of Methods to run: According to Runtime Checklist

Barcode Reader: not used

Shutdown Cmd/Macro: none

Sequence Comment:
0.04 Control - Lot # A075264 - exp 10/2014
0.10 Control - Lot # A071132 - exp 03/2014
0.20 Control - Lot # A073849 - exp 07/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-BB	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-BB	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-BB	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-BB	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-BB	SIMALC1	1	Ctrl Samp		
10	Vial 10	QAP0.04 10056 #1	SIMALC1	1	Sample		
11	Vial 11	QAP0.04 10056 #2	SIMALC1	1	Sample		
12	Vial 12	QAP0.04 10056 #3	SIMALC1	1	Sample		
13	Vial 13	QAP0.04 10056 #4	SIMALC1	1	Sample		
14	Vial 14	QAP0.04 10056 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL-BB	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL-BB	SIMALC1	1	Ctrl Samp		
17	Vial 17	QAP0.08 10057 #1	SIMALC1	1	Sample		
18	Vial 18	QAP0.08 10057 #2	SIMALC1	1	Sample		
19	Vial 19	QAP0.08 10057 #3	SIMALC1	1	Sample		
20	Vial 20	QAP0.08 10057 #4	SIMALC1	1	Sample		
21	Vial 21	QAP0.08 10057 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL-BB	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL-BB	SIMALC1	1	Ctrl Samp		
24	Vial 24	QAP0.10 10058 #1	SIMALC1	1	Sample		
25	Vial 25	QAP0.10 10058 #2	SIMALC1	1	Sample		
26	Vial 26	QAP0.10 10058 #3	SIMALC1	1	Sample		
27	Vial 27	QAP0.10 10058 #4	SIMALC1	1	Sample		
28	Vial 28	QAP0.10 10058 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL-BB	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL-BB	SIMALC1	1	Ctrl Samp		
31	Vial 31	QAP0.15 10059 #1	SIMALC1	1	Sample		
32	Vial 32	QAP0.15 10059 #2	SIMALC1	1	Sample		

BB

10058

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	QAP0.15 10059 #3	SIMALC1	1	Sample		
34	Vial 34	QAP0.15 10059 #4	SIMALC1	1	Sample		
35	Vial 35	QAP0.15 10059 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL-BB	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL-BB	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace		Replace		
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace		Replace		
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace		Replace		

Sequence Table (Back Injector):

No entries - empty table!

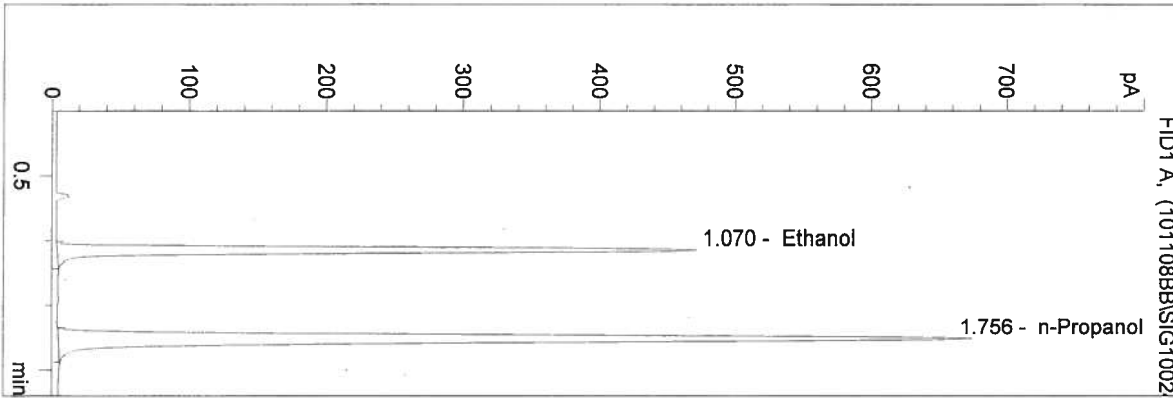
BB

10058

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/8/2010 2:32:02 PM
 Instrument 1
 DB ALC 1

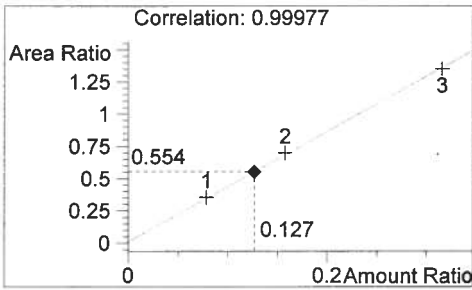
QAP0.10 10058 #1
 Brittany Ball

vial # 24



#	Compound	Area	RT
1	Ethanol	1474	1.070
2	n-Propanol	2662	1.756

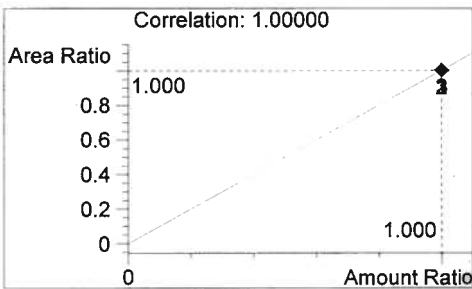
Tot



Ethanol

0.127 g/100 mL

BB



n-Propanol

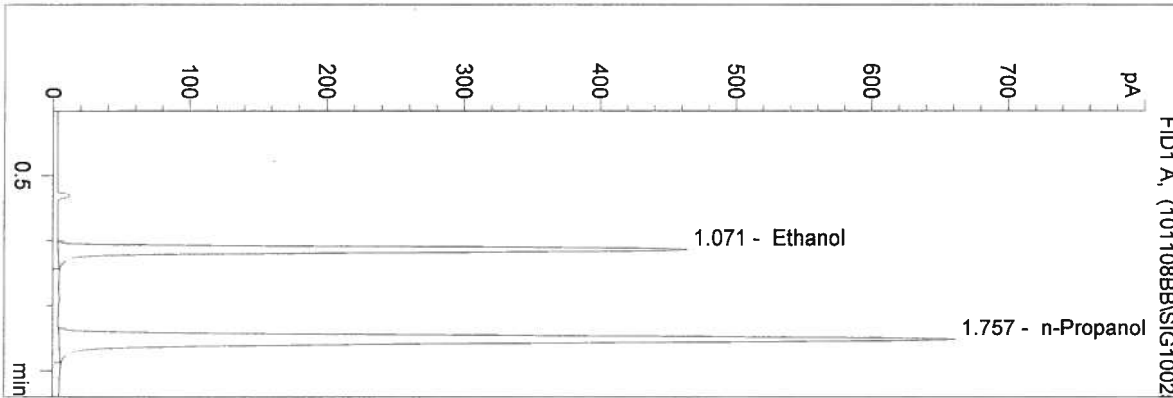
1.000 g/100 mL

* Calibration and control data in QAP Batch folder 10056

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/8/2010 2:35:07 PM
 Instrument 1
 DB ALC 1

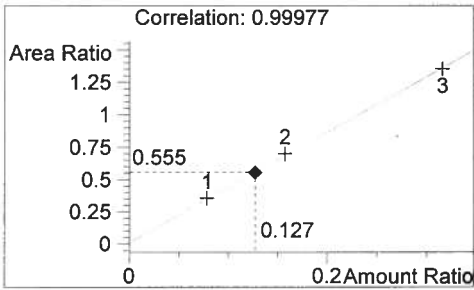
QAP0.10 10058 #2
 Brittany Ball

vial # 25



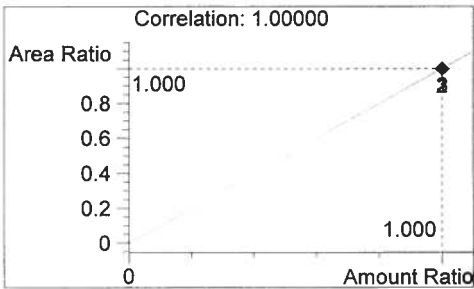
#	Compound	Area	RT
1	Ethanol	1449	1.071
2	n-Propanol	2610	1.757

Tot



Ethanol

0.127 g/100 mL



n-Propanol

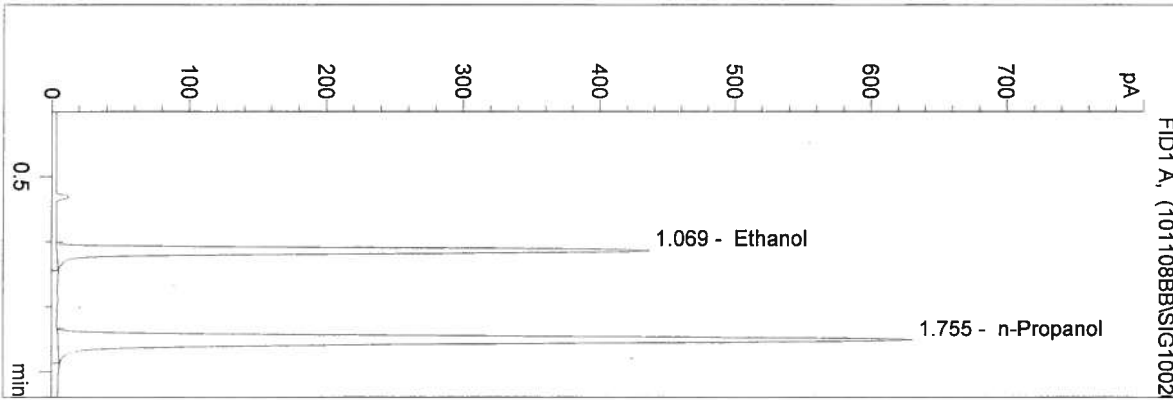
1.000 g/100 mL

BB

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 11/8/2010 2:38:12 PM
 Instrument 1
 DB ALC 1

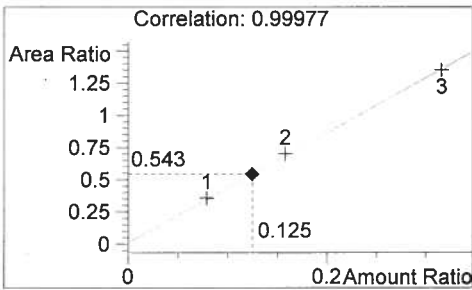
QAP0.10 10058 #3
 Brittany Ball

vial # 26



#	Compound	Area	RT
1	Ethanol	1347	1.069
2	n-Propanol	2479	1.755

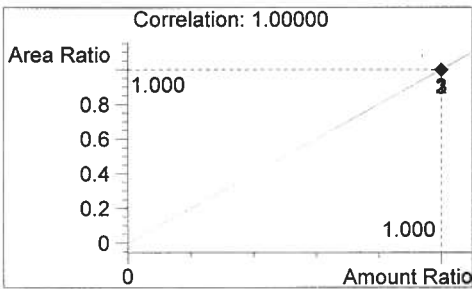
Tot



Ethanol

0.125 g/100 mL

BB



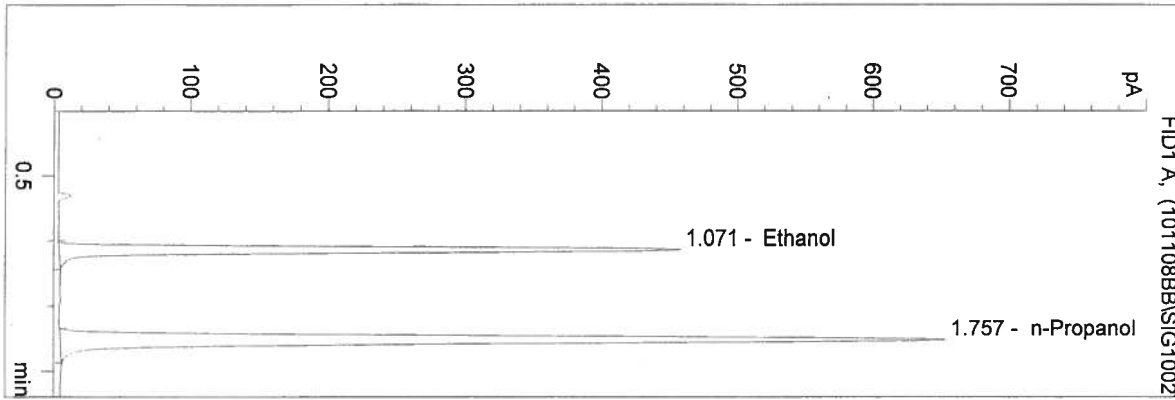
n-Propanol

1.000 g/100 mL

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/8/2010 2:41:16 PM
 Instrument 1
 DB ALC 1

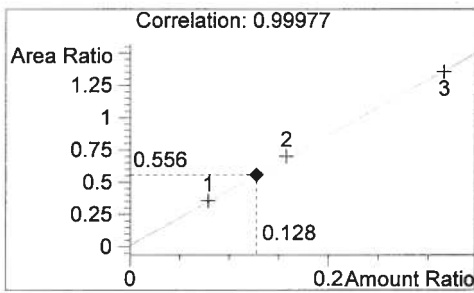
QAP0.10 10058 #4
 Brittany Ball

vial # 27



#	Compound	Area	RT
1	Ethanol	1434	1.071
2	n-Propanol	2577	1.757

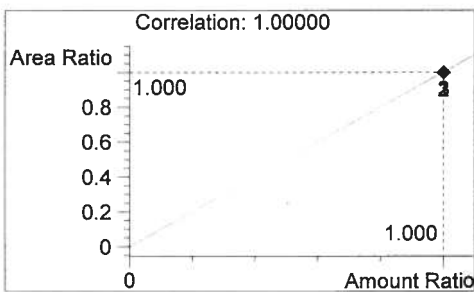
Tot



Ethanol

0.128 g/100 mL

BB



n-Propanol

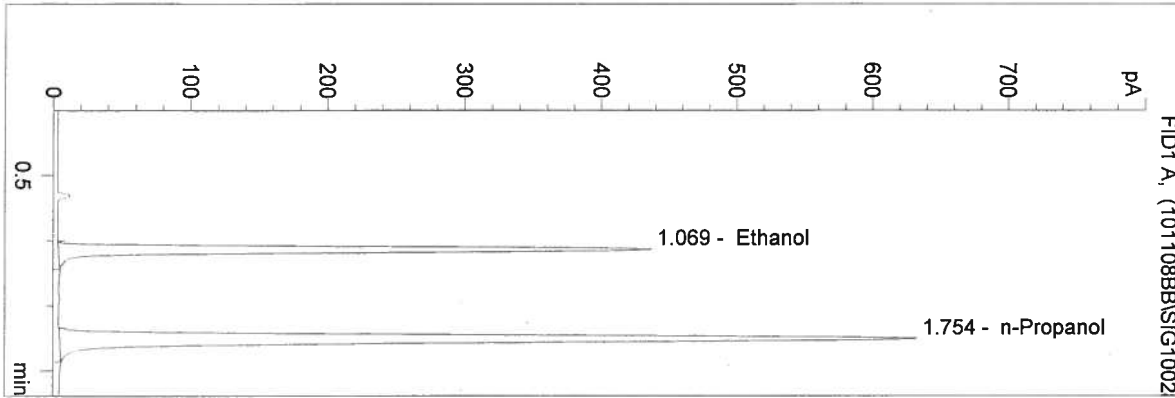
1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/8/2010 2:44:21 PM
 Instrument 1
 DB ALC 1

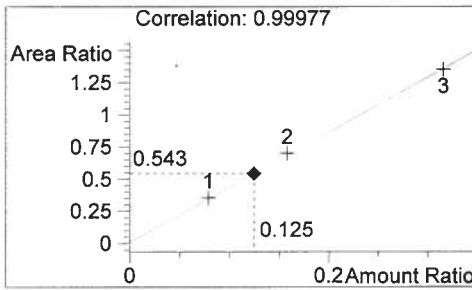
QAP0.10 10058 #5
 Brittany Ball

vial # 28



#	Compound	Area	RT
1	Ethanol	1347	1.069
2	n-Propanol	2480	1.754

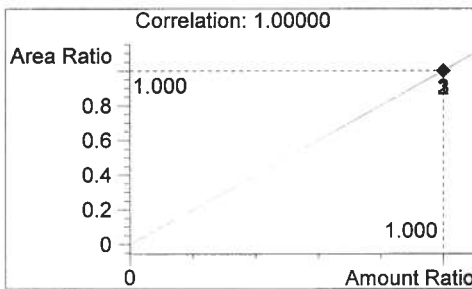
Tot



Ethanol

0.125 g/100 mL

BB



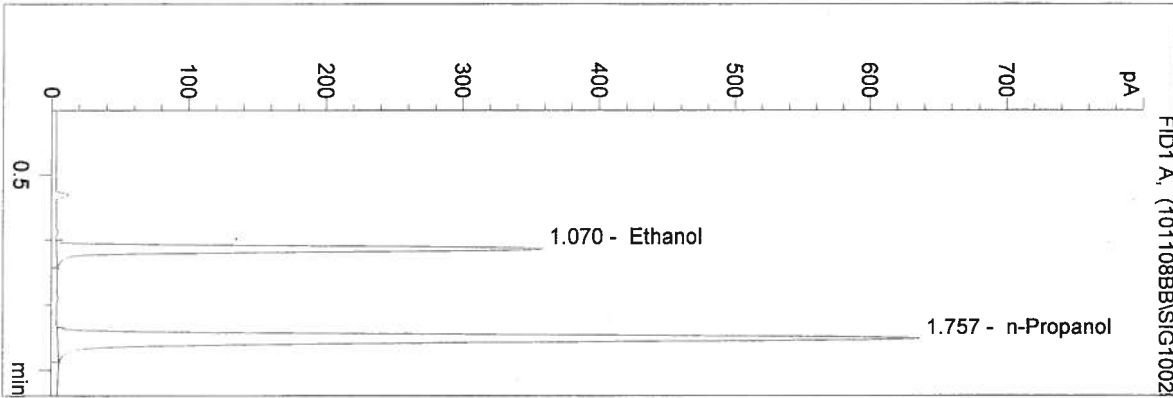
n-Propanol

1.000 g/100 mL

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/8/2010 2:47:26 PM
 Instrument 1
 DB ALC 1

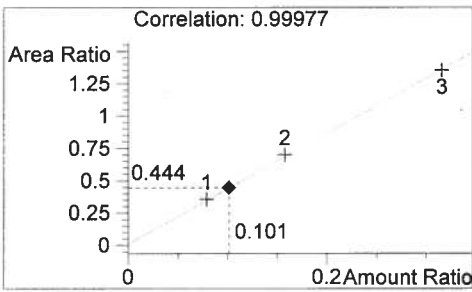
0.10 CTRL-BB
 Brittany Ball

vial # 29



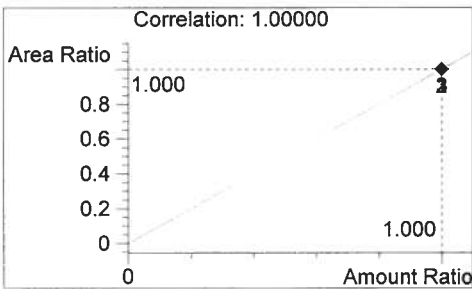
#	Compound	Area	RT
1	Ethanol	1116	1.070
2	n-Propanol	2513	1.757

Tot



Ethanol

0.101 g/100 mL



n-Propanol

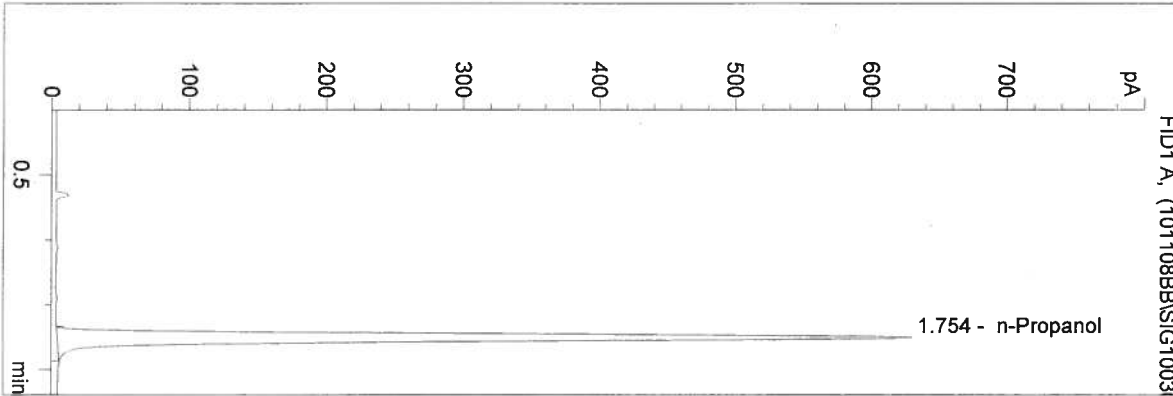
1.000 g/100 mL

BB

10058

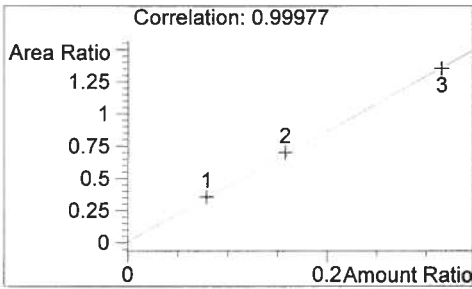
C:\HPCHEM\1\METHODS\SIMALC1.M
 11/8/2010 2:50:31 PM
 Instrument 1
 DB ALC 1

NEG CTRL-BB
 Brittany Ball
 vial # 30



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2478	1.754

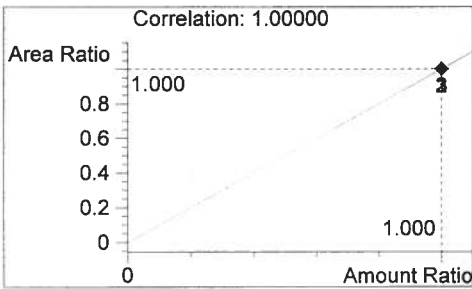
Tot



Ethanol

0.000 g/100 mL

BB



n-Propanol

1.000 g/100 mL

10058

Calibration w/ 10056

Sequence Parameters:

Operator: Justin Knoy

Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 101110JU
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

0.04 Control - Lot#A075264 - exp 10/2014
 0.10 Control - Lot#A071132 - exp 03/2014
 0.20 Control - Lot#A073849 - exp 07/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - JK	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - JK	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - JK	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
10	Vial 10	10056-1	SIMALC1	1	Sample		
11	Vial 11	10056-2	SIMALC1	1	Sample		
12	Vial 12	10056-3	SIMALC1	1	Sample		
13	Vial 13	10056-4	SIMALC1	1	Sample		
14	Vial 14	10056-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
17	Vial 17	10057-1	SIMALC1	1	Sample		
18	Vial 18	10057-2	SIMALC1	1	Sample		
19	Vial 19	10057-3	SIMALC1	1	Sample		
20	Vial 20	10057-4	SIMALC1	1	Sample		
21	Vial 21	10057-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
24	Vial 24	10058-1	SIMALC1	1	Sample		
25	Vial 25	10058-2	SIMALC1	1	Sample		
26	Vial 26	10058-3	SIMALC1	1	Sample		
27	Vial 27	10058-4	SIMALC1	1	Sample		
28	Vial 28	10058-5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
31	Vial 31	10059-1	SIMALC1	1	Sample		
32	Vial 32	10059-2	SIMALC1	1	Sample		

10058

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	10059-3	SIMALC1	1	Sample		
34	Vial 34	10059-4	SIMALC1	1	Sample		
35	Vial 35	10059-5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL JK	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace		Replace		
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace		Replace		
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace		Replace		

Sequence Table (Back Injector):

No entries - empty table!

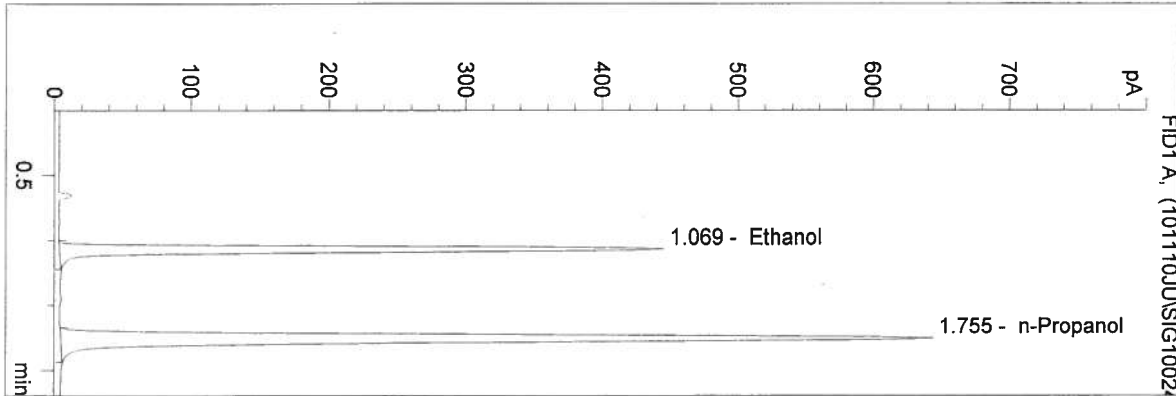
10058

JK

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/10/2010 2:54:40 PM
 Instrument 1
 DB ALC 1

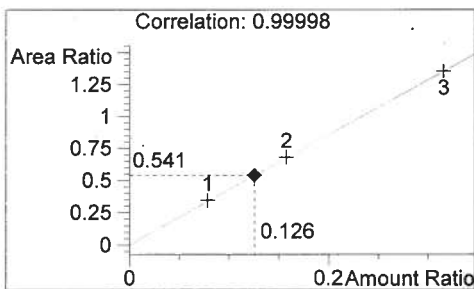
10058-1
 Justin Knoy

vial # 24



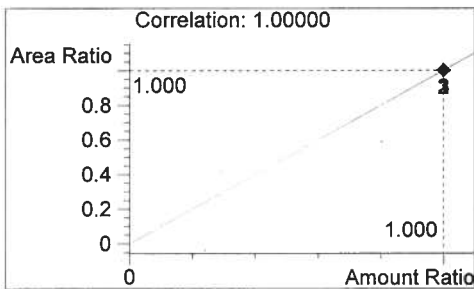
#	Compound	Area	RT
1	Ethanol	1371	1.069
2	n-Propanol	2536	1.755

Tot



Ethanol

0.126 g/100 mL



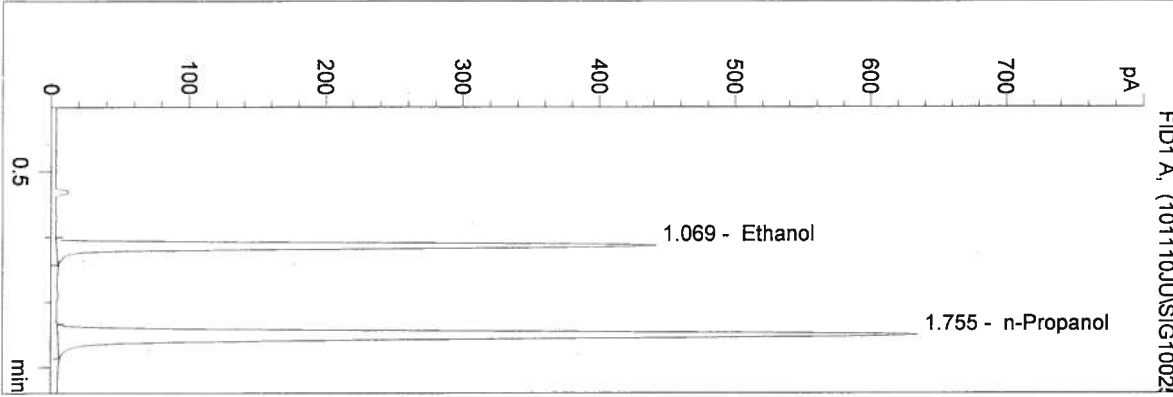
n-Propanol

1.000 g/100 mL

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/10/2010 2:57:45 PM
 Instrument 1
 DB ALC 1

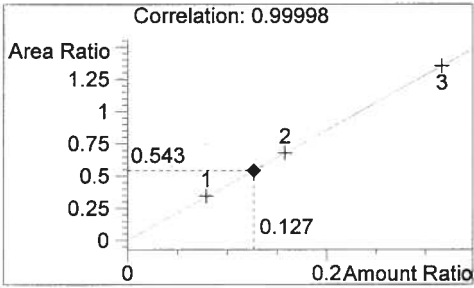
10058-2
 Justin Knoy

vial # 25



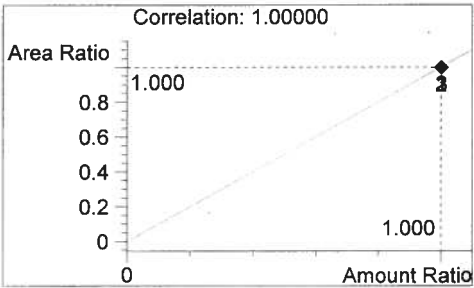
#	Compound	Area	RT
1	Ethanol	1356	1.069
2	n-Propanol	2494	1.755

Tot



Ethanol

0.127 g/100 mL



n-Propanol

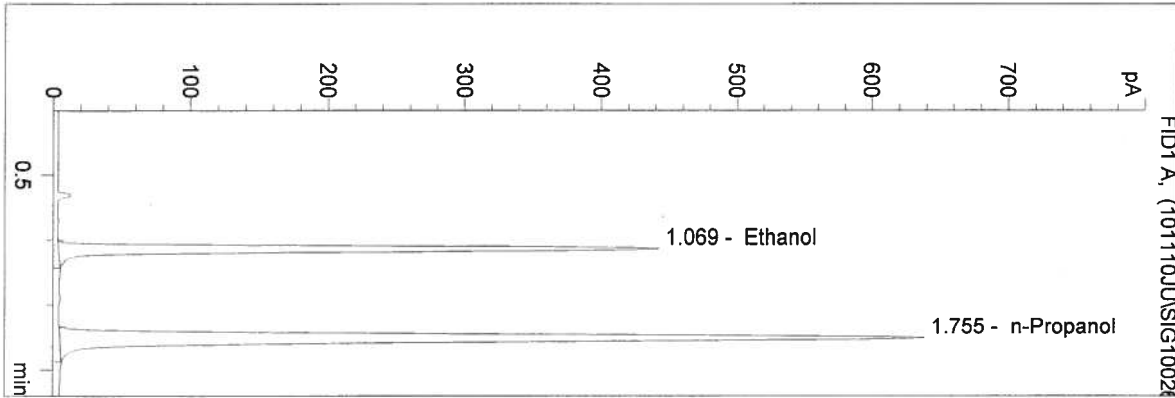
1.000 g/100 mL

JK

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/10/2010 3:00:50 PM
 Instrument 1
 DB ALC 1

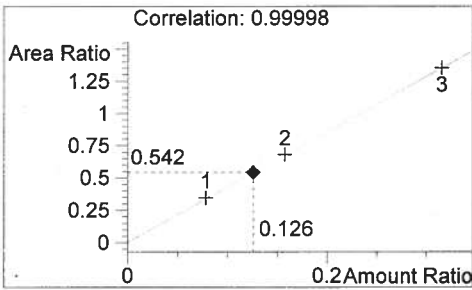
10058-3
 Justin Knoy

vial # 26



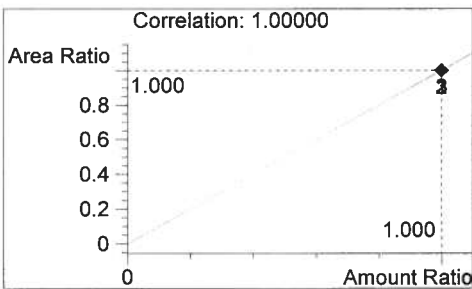
#	Compound	Area	RT
1	Ethanol	1361	1.069
2	n-Propanol	2509	1.755

Tot



Ethanol

0.126 g/100 mL



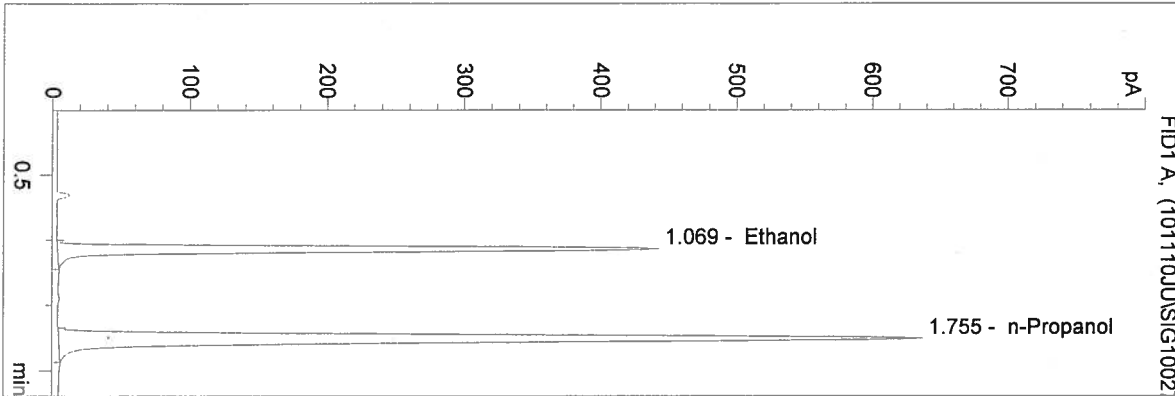
n-Propanol

1.000 g/100 mL

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/10/2010 3:03:55 PM
 Instrument 1
 DB ALC 1

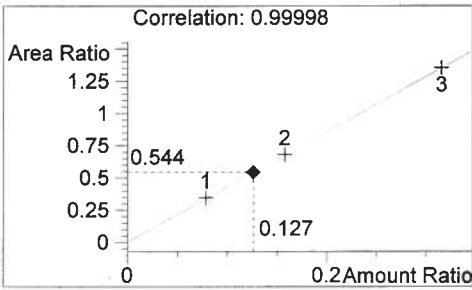
10058-4
 Justin Knoy

vial # 27



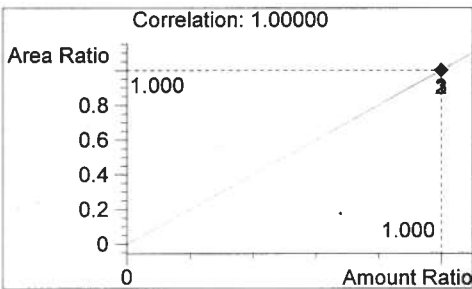
#	Compound	Area	RT
1	Ethanol	1357	1.069
2	n-Propanol	2494	1.755

Tot



Ethanol

0.127 g/100 mL



n-Propanol

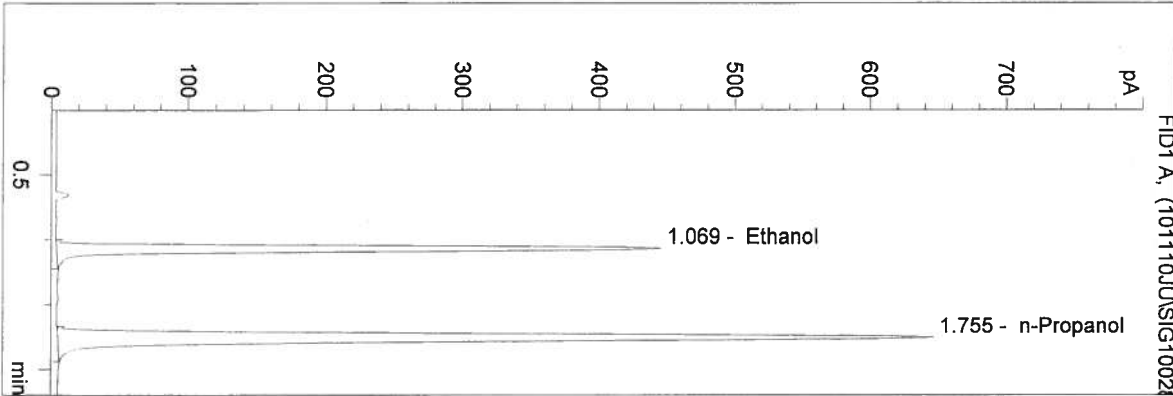
1.000 g/100 mL

JK

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/10/2010 3:06:59 PM
 Instrument 1
 DB ALC 1

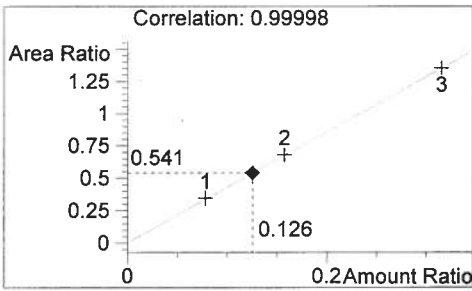
10058-5
 Justin Knoy

vial # 28



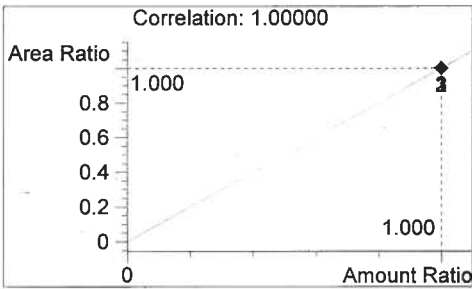
#	Compound	Area	RT
1	Ethanol	1379	1.069
2	n-Propanol	2548	1.755

Tot



Ethanol

0.126 g/100 mL



n-Propanol

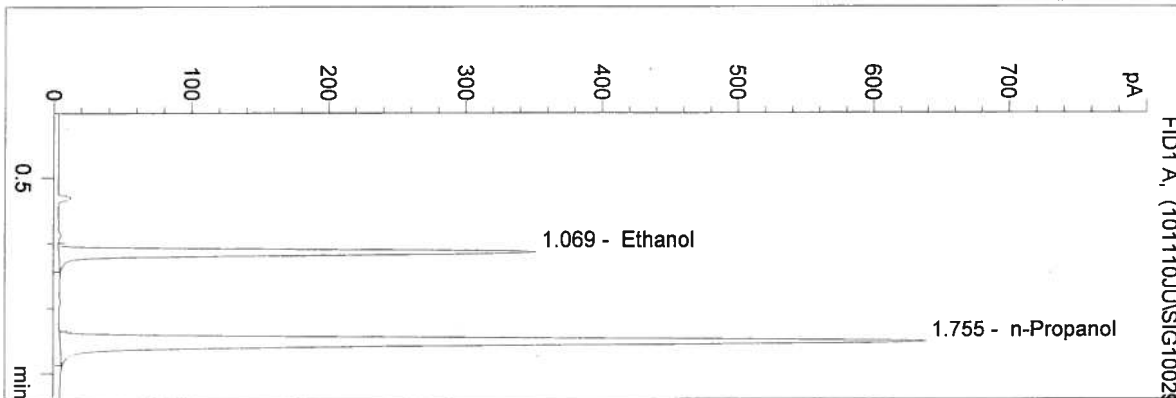
1.000 g/100 mL

JK

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/10/2010 3:10:04 PM
 Instrument 1
 DB ALC 1

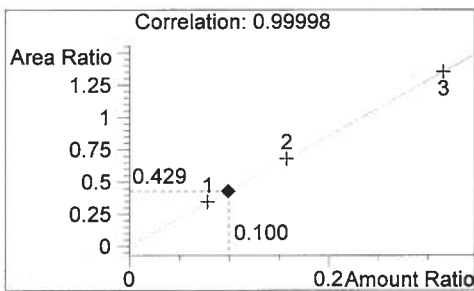
0.10 CTRL JK
 Justin Knoy

vial # 29



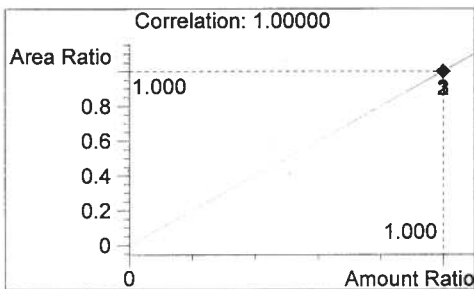
#	Compound	Area	RT
1	Ethanol	1075	1.069
2	n-Propanol	2509	1.755

Tot



Ethanol

0.100 g/100 mL



n-Propanol

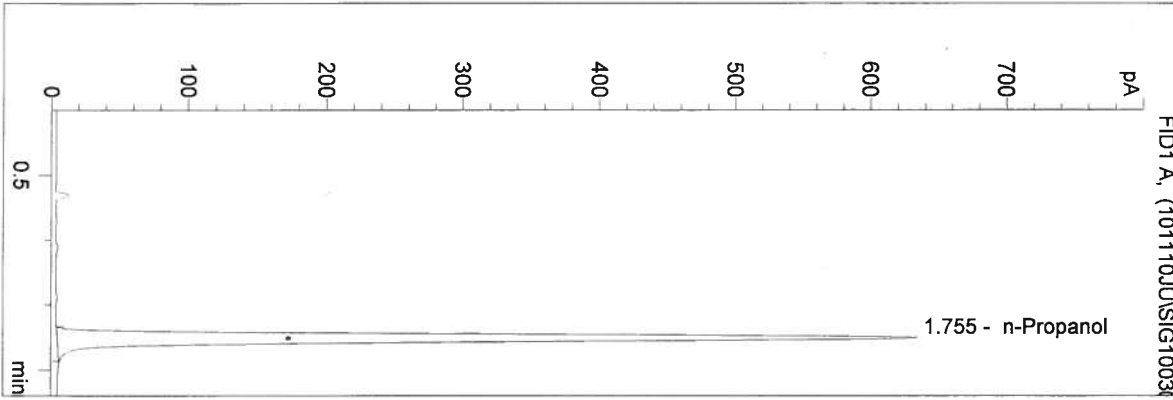
1.000 g/100 mL

10058

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/10/2010 3:13:09 PM
 Instrument 1
 DB ALC 1

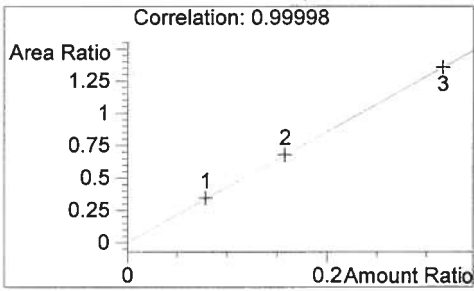
NEG CTRL JK
 Justin Knoy

vial # 30



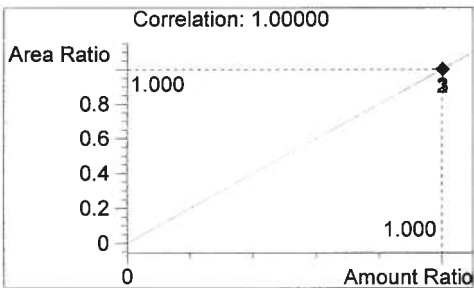
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2492	1.755

Tot



Ethanol

0.000 g/100 mL



n-Propanol

1.000 g/100 mL

10058

OK

Sequence Parameters:

Operator: Christie Mitchell

Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 101117CM
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:
 0.04 Control - Lot # A075264 - exp 10/2014
 0.10 Control - Lot # A071132 - exp 03/2014
 0.20 Control - Lot # A073849 - exp 07/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL -CM	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
10	Vial 10	10056 #1	SIMALC1	1	Sample		
11	Vial 11	10056 #2	SIMALC1	1	Sample		
12	Vial 12	10056 #3	SIMALC1	1	Sample		
13	Vial 13	10056 #4	SIMALC1	1	Sample		
14	Vial 14	10056 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
17	Vial 17	10057 #1	SIMALC1	1	Sample		
18	Vial 18	10057 #2	SIMALC1	1	Sample		
19	Vial 19	10057 #3	SIMALC1	1	Sample		
20	Vial 20	10057 #4	SIMALC1	1	Sample		
21	Vial 21	10057 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
24	Vial 24	10058 #1	SIMALC1	1	Sample		
25	Vial 25	10058 #2	SIMALC1	1	Sample		
26	Vial 26	10058 #3	SIMALC1	1	Sample		
27	Vial 27	10058 #4	SIMALC1	1	Sample		
28	Vial 28	10058 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
31	Vial 31	10059 #1	SIMALC1	1	Sample		
32	Vial 32	10059 #2	SIMALC1	1	Sample		

*Calibrators and controls
 filed with QAP 10056*

10058

CM

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	10059 #3	SIMALC1	1	Sample		
34	Vial 34	10059 #4	SIMALC1	1	Sample		
35	Vial 35	10059 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace		Replace		
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace		Replace		
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace		Replace		

Sequence Table (Back Injector):

No entries - empty table!

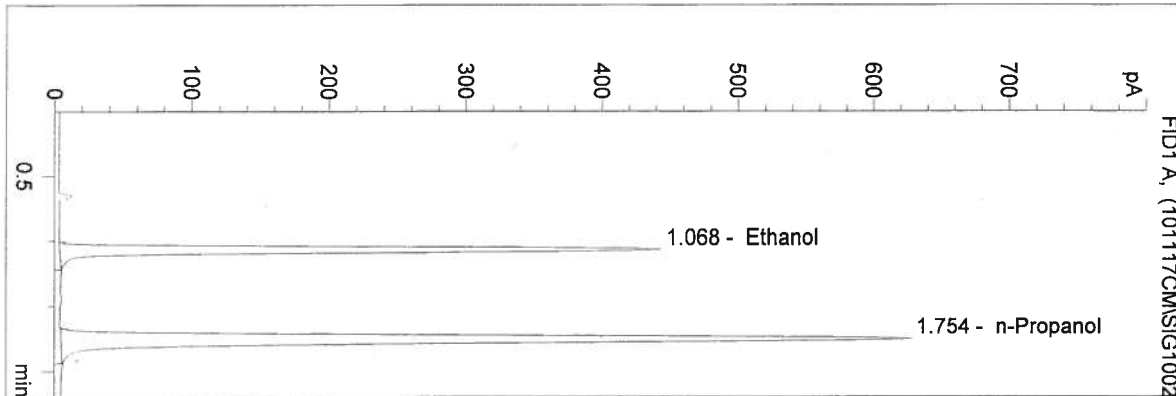
CM

10058

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/17/2010 11:01:48 AM
 Instrument 1
 DB ALC 1

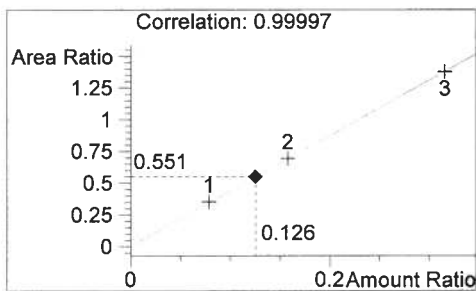
10058 #1
 Christie Mitchell

vial # 24



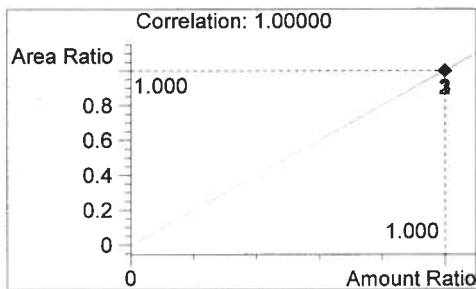
#	Compound	Area	RT
1	Ethanol	1356	1.068
2	n-Propanol	2462	1.754

Tot



Ethanol

0.126 g/100 mL



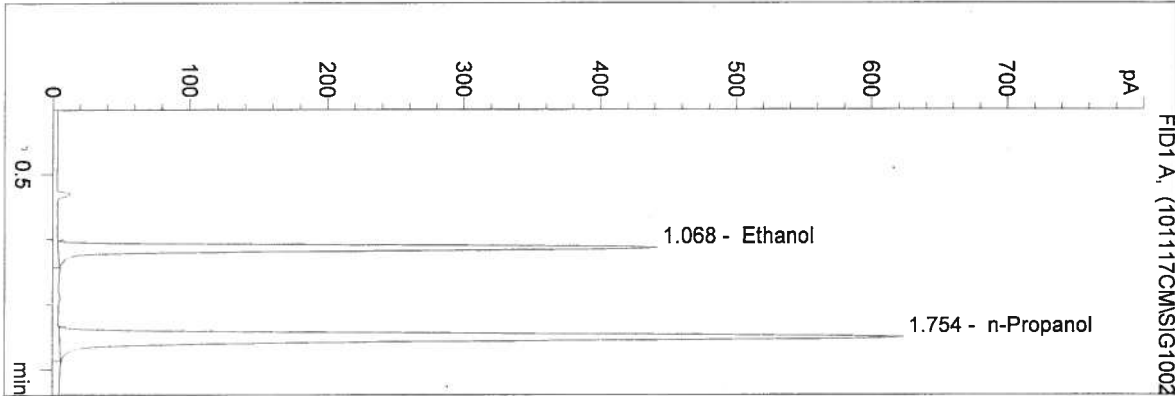
n-Propanol

1.000 g/100 mL

CM

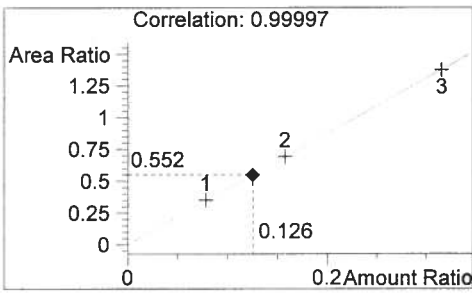
C:\HPCHEM\1\METHODS\SIMALC1.M
 11/17/2010 11:04:53 AM
 Instrument 1
 DB ALC 1

10058 #2
 Christie Mitchell
 vial # 25



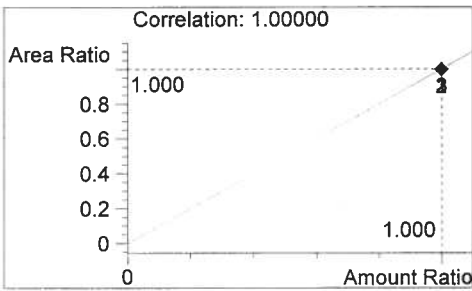
#	Compound	Area	RT
1	Ethanol	1346	1.068
2	n-Propanol	2441	1.754

Tot



Ethanol

0.126 g/100 mL



n-Propanol

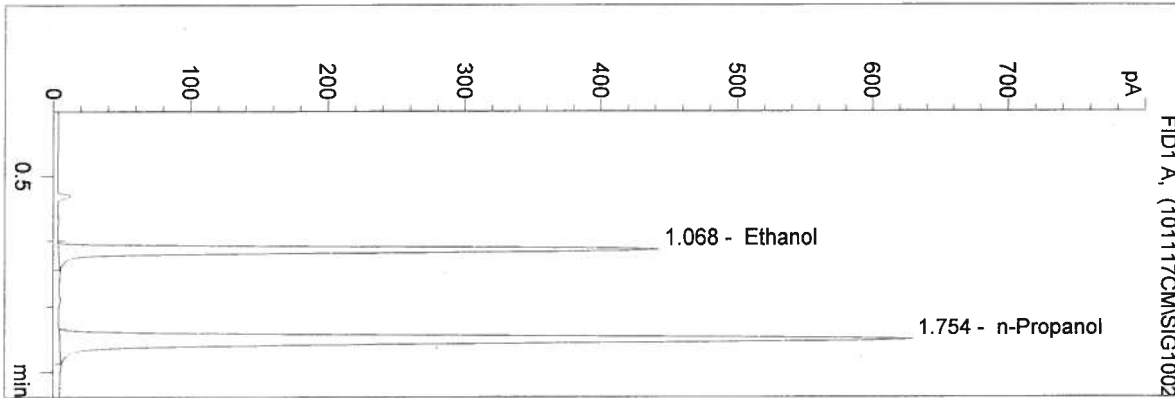
1.000 g/100 mL

CM

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/17/2010 11:07:57 AM
 Instrument 1
 DB ALC 1

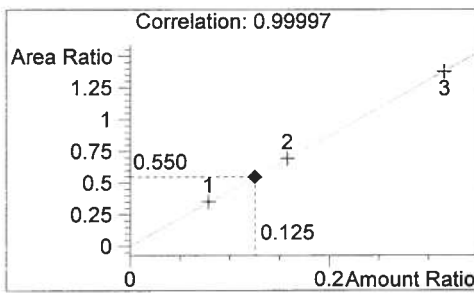
10058 #3
 Christie Mitchell

vial # 26



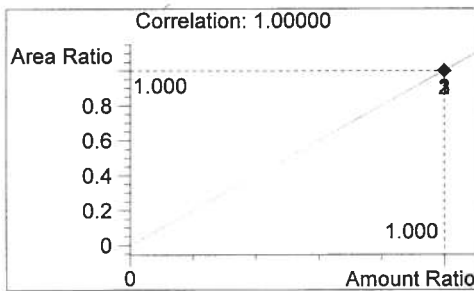
#	Compound	Area	RT
1	Ethanol	1358	1.068
2	n-Propanol	2471	1.754

Tot



Ethanol

0.125 g/100 mL



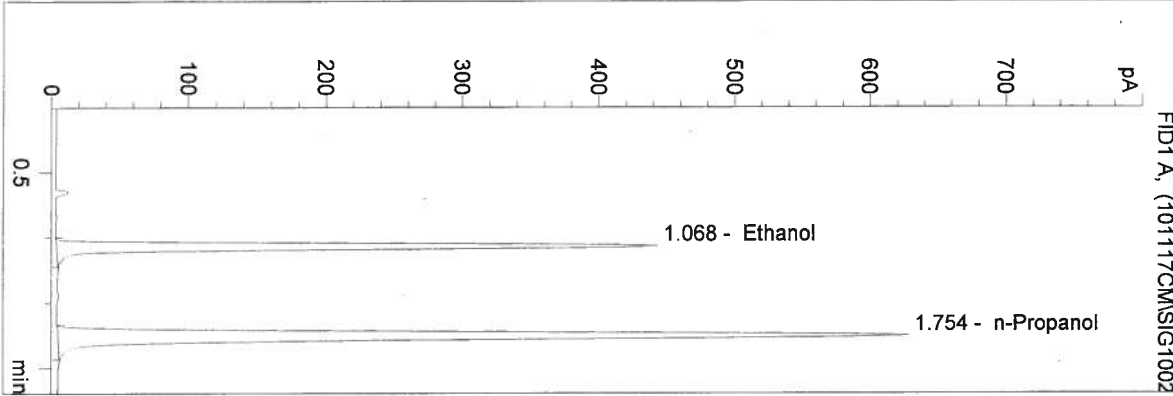
n-Propanol

1.000 g/100 mL

CM

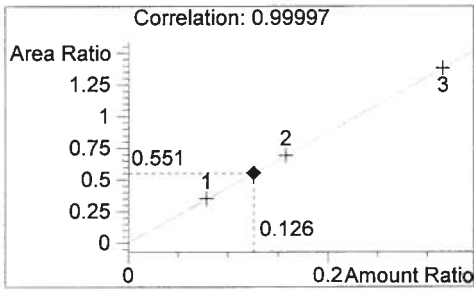
C:\HPCHEM\1\METHODS\SIMALC1.M
 11/17/2010 11:11:02 AM
 Instrument 1
 DB ALC 1

10058 #4
 Christie Mitchell
 vial # 27



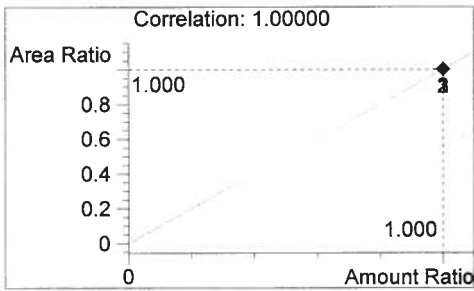
#	Compound	Area	RT
1	Ethanol	1359	1.068
2	n-Propanol	2465	1.754

Tot



Ethanol

0.126 g/100 mL



n-Propanol

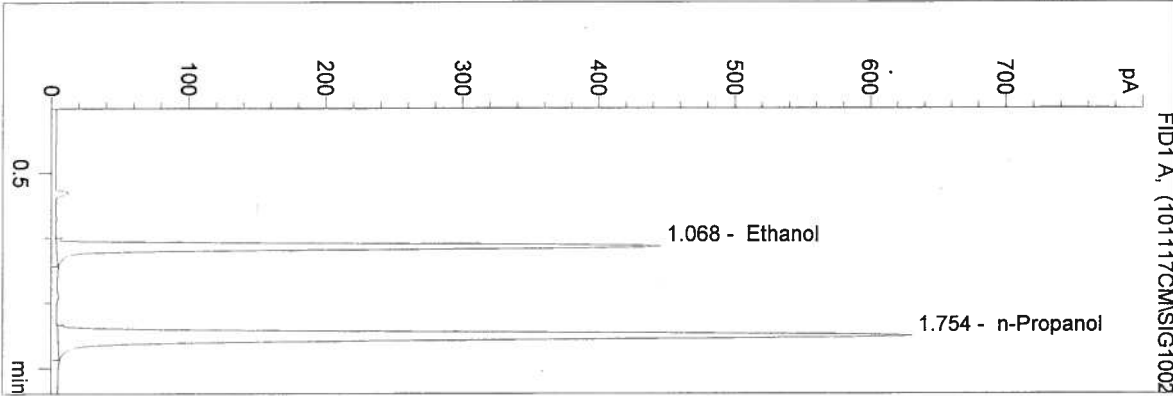
1.000 g/100 mL

CM

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/17/2010 11:14:07 AM
 Instrument 1
 DB ALC 1

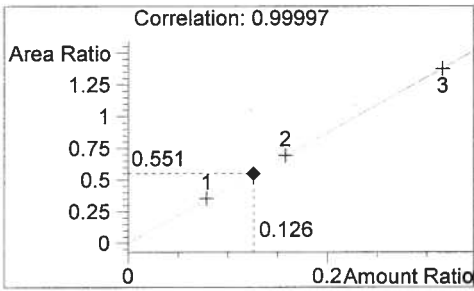
10058 #5
 Christie Mitchell

vial # 28



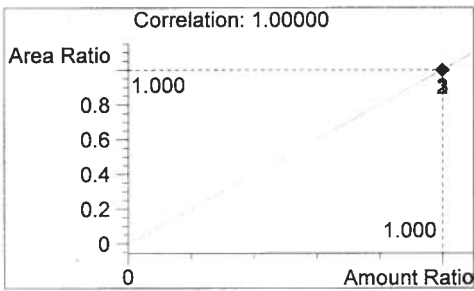
#	Compound	Area	RT
1	Ethanol	1365	1.068
2	n-Propanol	2475	1.754

Tot



Ethanol

0.126 g/100 mL



n-Propanol

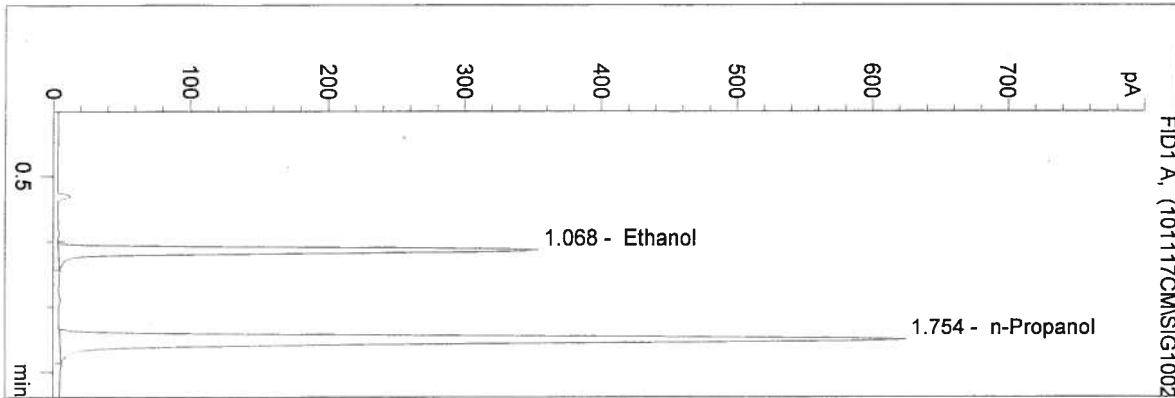
1.000 g/100 mL

cm

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/17/2010 11:17:12 AM
 Instrument 1
 DB ALC 1

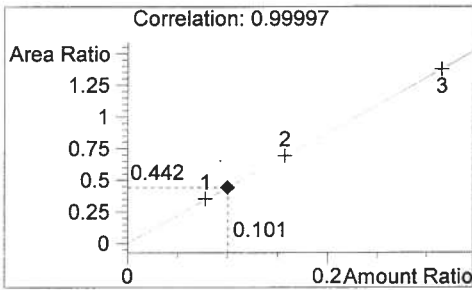
0.10 CTRL - CM
 Christie Mitchell

vial # 29



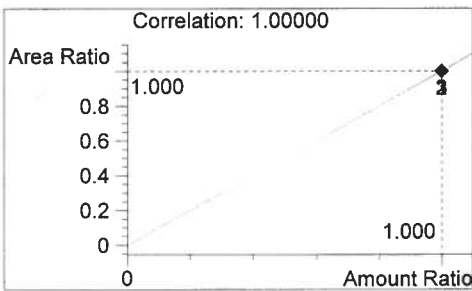
#	Compound	Area	RT
1	Ethanol	1080	1.068
2	n-Propanol	2445	1.754

Tot



Ethanol

0.101 g/100 mL



n-Propanol

1.000 g/100 mL

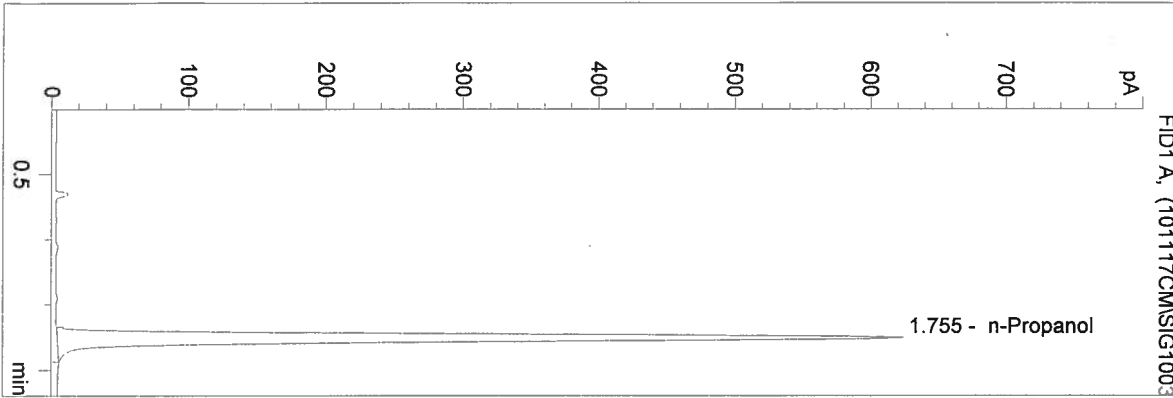
CM

10058

C:\HPCHEM\1\METHODS\SIMALC1.M
 11/17/2010 11:20:17 AM
 Instrument 1
 DB ALC 1

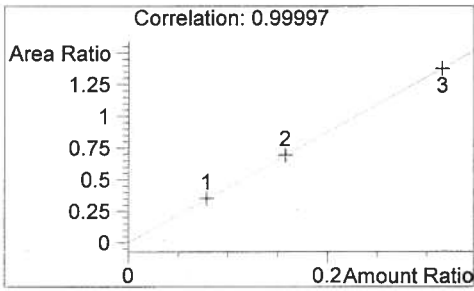
NEG CTRL - CM
 Christie Mitchell

vial # 30



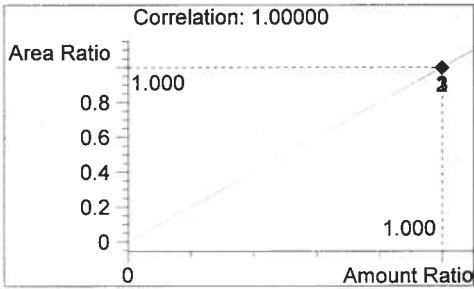
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2453	1.755

Tot



Ethanol

0.000 g/100 mL



n-Propanol

1.000 g/100 mL

CM

10058

QAP SOLUTION PREPARATION WORKSHEET

Batch #: 10056, 10057, 10058, 10059
Preparer: B. Ball
Date Prepared: 11/8/10
Expiration Date: 11/8/11
Lot 200 Proof (100%) Ethanol Used: ZQØ777
Date 200 Proof Ethanol Opened: 11/4/10
(Ethanol standard is approved for use for 6 months after opening unless an extension is approved by the State Toxicologist.)

Vapor Concentration of QAP	Amount of Ethanol	Amount of Deionized Water	
0.04	11.2 mL	18 L	<input checked="" type="checkbox"/>
0.08	22.4 mL	18 L	<input checked="" type="checkbox"/>
0.1	28.1 mL	18 L	<input checked="" type="checkbox"/>
0.15	42.0 mL	18 L	<input checked="" type="checkbox"/>
Stir Bar is Rotating			<input checked="" type="checkbox"/>
Stirred for at least 30 minutes			<input checked="" type="checkbox"/>
Spigot Purged			<input checked="" type="checkbox"/>
Aliquot Taken			<input checked="" type="checkbox"/>
Batch Labeled Packaged and Sealed			<input checked="" type="checkbox"/>
			<u>11/8/10</u> Date

Brittany Ball
Analyst

11/8/10
Date

1 0 0 5 8