



**QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT**

**BATCH REPORT: 11006**

**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: 02/09/2011  
BATCH UNITS: g/100mL

IDENTITY: QAP Solution  
PREPARED BY: Christie Mitchell

	CM	BB	BP
1	0.127	0.125	0.128
2	0.129	0.127	0.128
3	0.129	0.127	0.126
4	0.127	0.128	0.127
5	0.127	0.127	0.127
C	0.099	0.098	0.100

**ETHANOL CONTROL INFORMATION**

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

**RESULTS OF TESTING**

AVERAGE SOLUTION CONCENTRATION: 0.1273 g/100mL PRECISION CV (%): 0.81  
STANDARD DEVIATION: 0.00103 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.1035 g/210L**  
COMBINED STANDARD UNCERTAINTY: ± 0.0013 (k=1, 68% confidence interval)

**WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION**

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

*3-24-11*  
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:			
ANALYST	NAME	SIGNATURE	DATE TESTED
CM	Christie Mitchell	<i>Christie Mitchell</i>	02/09/2011
BB	Brittany Ball	<i>Brittany Ball</i>	02/11/2011
BP	Brianna Peterson	<i>Brianna Peterson</i>	02/14/2011

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

QAP Solution Batch #: 11006 Date Prepared: 2/9/2011

Analyst:	CM	BB	BP
Date Tested:	2/9/2011	2/11/2011	2/14/2011
Instrument:	HS#1	HS#1	HS#1
1	0.127	0.125	0.128
2	0.129	0.127	0.128
3	0.129	0.127	0.126
4	0.127	0.128	0.127
5	0.127	0.127	0.127
C	0.099	0.098	0.100

CV <sup>2</sup> COA	CV <sup>2</sup> QAP Solution	CV <sup>2</sup> Control	CV <sup>2</sup> Part Coef
0.0000084100	0.0000043904	0.0000340101	0.0001016326

Ethanol Control Lot #: A071132  
 Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1273 g/100mL  
 Standard Deviation: 0.00103 g/100mL  
 Precision CV (%): 0.81  
 Equivalent Vapor Concentration: 0.1035 g/210L  
 Combined Standard Uncertainty (±): 0.0013 g/210L

Calculations performed by: Melissa L. Pemberton Signature [Signature] Date 3-15-11

Calculations verified by: DAVID SKLEPON Signature [Signature] Date MARCH 23 2011 Method: HAND CALCULATOR

Tech. review performed by: Melissa L. Pemberton Signature [Signature] Date 3-24-11

# SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: JASON SKLEROV

Date: MARCH 23, 2011

Location: WSP-FLSB; SEATTLE, WA

Solution Batch Number: 11006

	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:  (SKLEROV)

Date: MARCH 23, 2011

Reviewer Signature: N/A (SWS) 3/23/11

Date: \_\_\_\_\_

**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
<b>Amanda Black</b>		
<b>Asa Louis</b>		
<b>Brian Capron</b>		
<b>Brianna Peterson</b>	BB	3/15/11
<b>Brianne O'Reilly</b>		
<b>Brittany Ball</b>	BB	3/15/11
<b>Christie Mitchell</b>	CM	3/15/11
<b>Christopher Johnston</b>		
<b>Dawn Cox</b>		
<b>Justin Knoy</b>		
<b>Lisa Noble</b>		
<b>Melissa Pemberton</b>		
<b>Naziha Nuwayhid</b>		
<b>Rebecca Flaherty</b>		
<b>Sarah Swenson</b>		

Batch # 11006

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 11006**

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, MFS degree in Forensic Science, and over three years experience in forensic toxicology.

The gap solution, Lot Number 11006, was prepared in the Washington State Toxicology Laboratory on 2/9/2011. 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 2/9/2012.

Seattle, WA

*Christie Mitchell* 3/15/2011

Christie Mitchell

Date

Forensic Toxicologist

CM/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 11006**


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 11006, was prepared in the Washington State Toxicology Laboratory on 2/9/2011. 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 2/9/2012.

Seattle, WA

 3/15/11

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 11006**

I, Brianna Peterson, 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 Chemistry, MS degree in Forensic Science, Ph.D. degree in Toxicology, and five years of experience in forensic toxicology.

The qap solution, Lot Number 11006, was prepared in the Washington State Toxicology Laboratory on 2/9/2011. 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 2/9/2012.

Seattle, WA

*Brianna Peterson* 3/15/11

Brianna Peterson

Date

Forensic Toxicologist

BP/ik



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: 110209CM  
 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

*Calibration & controls filed  
 with 11004 data  
 CM  
 2/9/11*

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	11004 #1	SIMALC1	1	Sample		
11	Vial 11	11004 #2	SIMALC1	1	Sample		
12	Vial 12	11004 #3	SIMALC1	1	Sample		
13	Vial 13	11004 #4	SIMALC1	1	Sample		
14	Vial 14	11004 #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	11005 #1	SIMALC1	1	Sample		
18	Vial 18	11005 #2	SIMALC1	1	Sample		
19	Vial 19	11005 #3	SIMALC1	1	Sample		
20	Vial 20	11005 #4	SIMALC1	1	Sample		
21	Vial 21	11005 #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	11006 #1	SIMALC1	1	Sample		
25	Vial 25	11006 #2	SIMALC1	1	Sample		
26	Vial 26	11006 #3	SIMALC1	1	Sample		
27	Vial 27	11006 #4	SIMALC1	1	Sample		
28	Vial 28	11006 #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	11007 #1	SIMALC1	1	Sample		
32	Vial 32	11007 #2	SIMALC1	1	Sample		

*CM*

**11006**



Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	11007 #3	SIMALC1	1	Sample		
34	Vial 34	11007 #4	SIMALC1	1	Sample		
35	Vial 35	11007 #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!

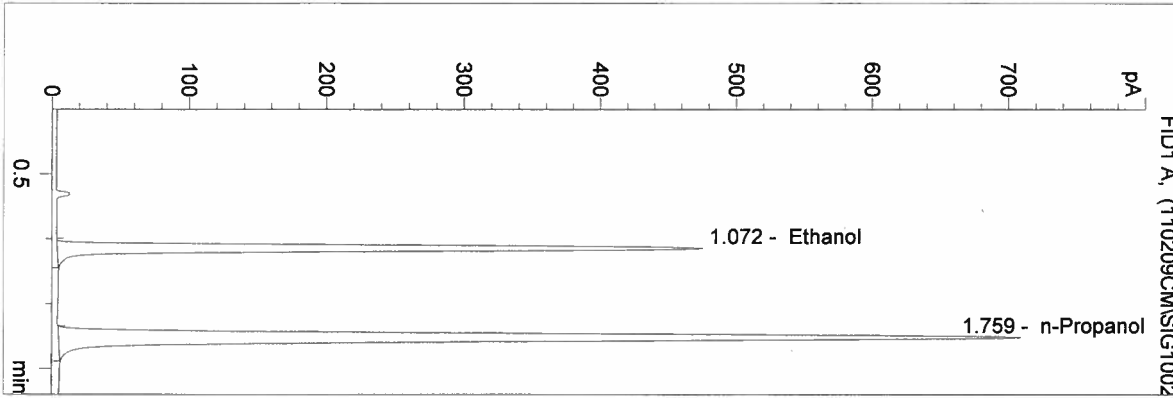
CM

11006

C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/9/2011 11:38:51 AM  
 Instrument 1  
 DB-ALC1

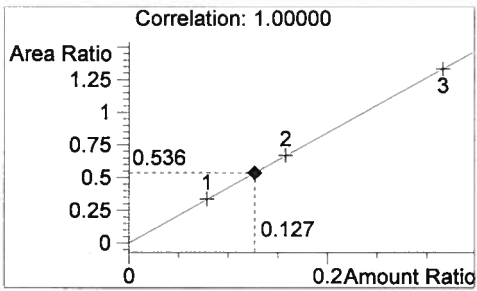
11006 #1  
 Christie Mitchell

vial # 24



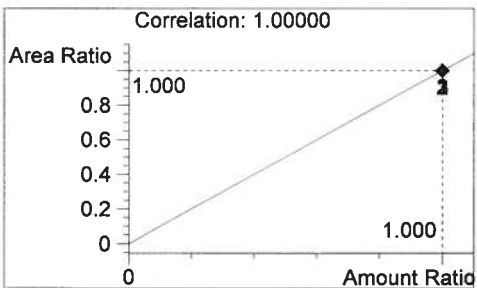
#	Compound	Area	RT
1	Ethanol	1511	1.072
2	n-Propanol	2817	1.759

Tot



Ethanol

0.127 g/100 mL



n-Propanol

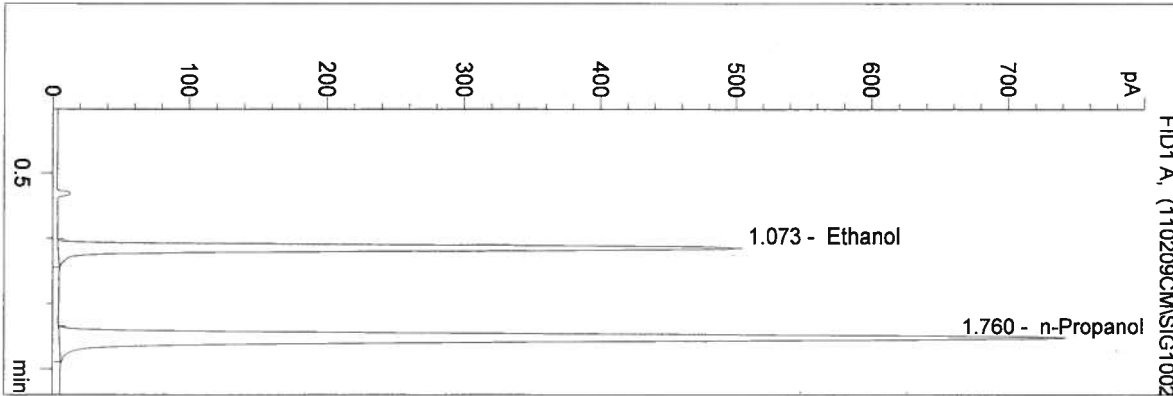
1.000 g/100 mL

CM

C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/9/2011 11:41:55 AM  
 Instrument 1  
 DB-ALC1

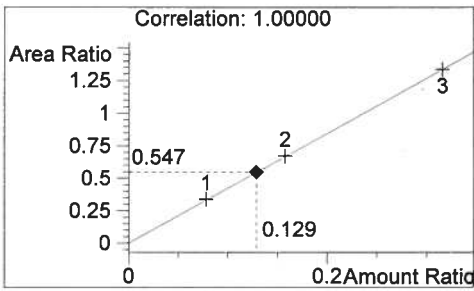
11006 #2  
 Christie Mitchell

vial # 25



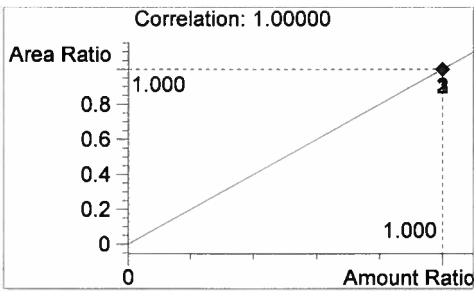
#	Compound	Area	RT
1	Ethanol	1618	1.073
2	n-Propanol	2960	1.760

Tot



Ethanol

0.129 g/100 mL



n-Propanol

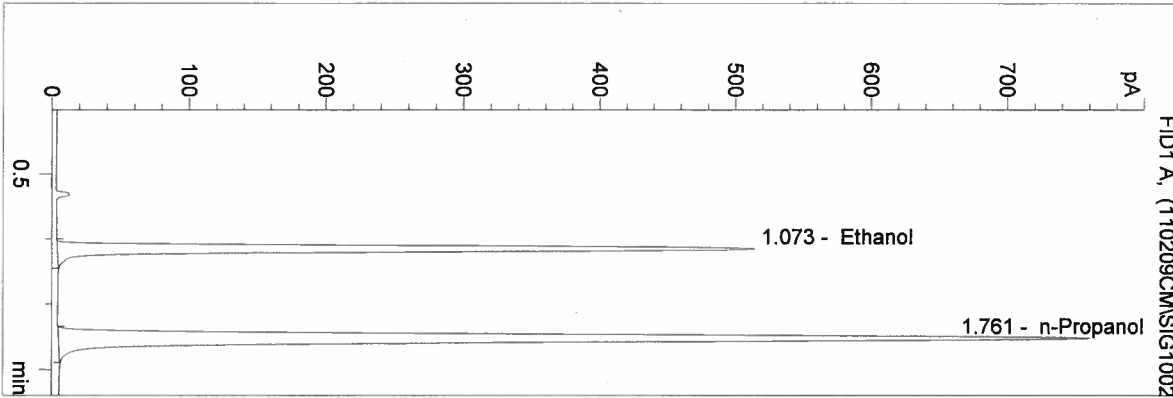
1.000 g/100 mL

*CM*

C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/9/2011 11:45:00 AM  
 Instrument 1  
 DB-ALC1

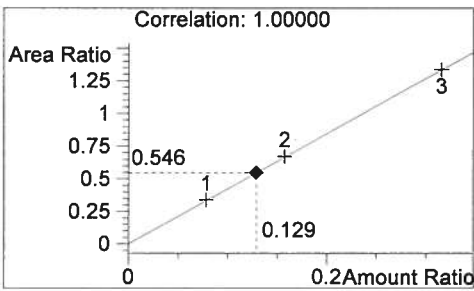
11006 #3  
 Christie Mitchell

vial # 26



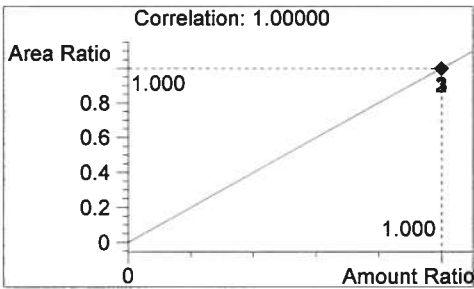
#	Compound	Area	RT
1	Ethanol	1655	1.073
2	n-Propanol	3031	1.761

Tot



Ethanol

0.129 g/100 mL



n-Propanol

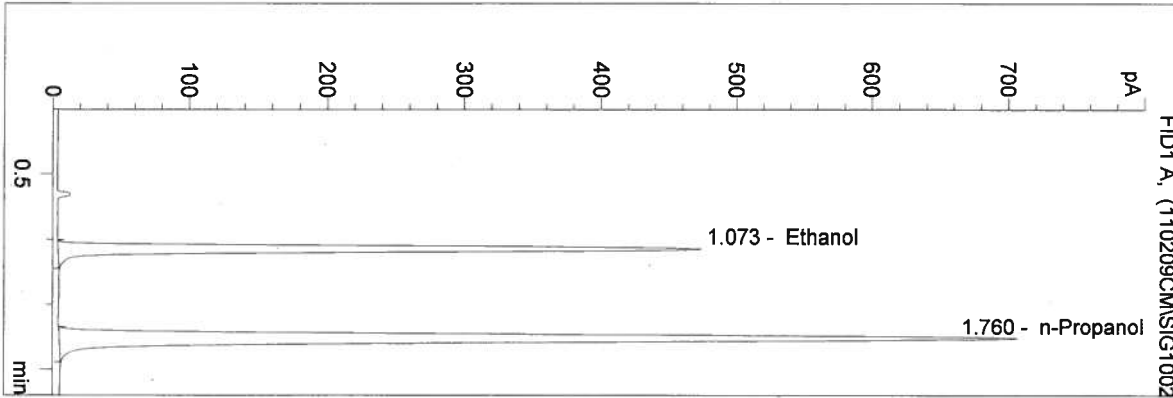
1.000 g/100 mL

CM

C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/9/2011 11:48:05 AM  
 Instrument 1  
 DB-ALC1

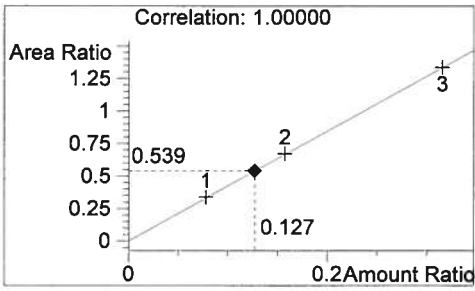
11006 #4  
 Christie Mitchell

vial # 27



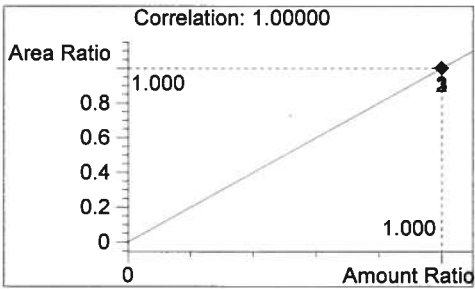
#	Compound	Area	RT
1	Ethanol	1517	1.073
2	n-Propanol	2815	1.760

Tot



Ethanol

0.127 g/100 mL



n-Propanol

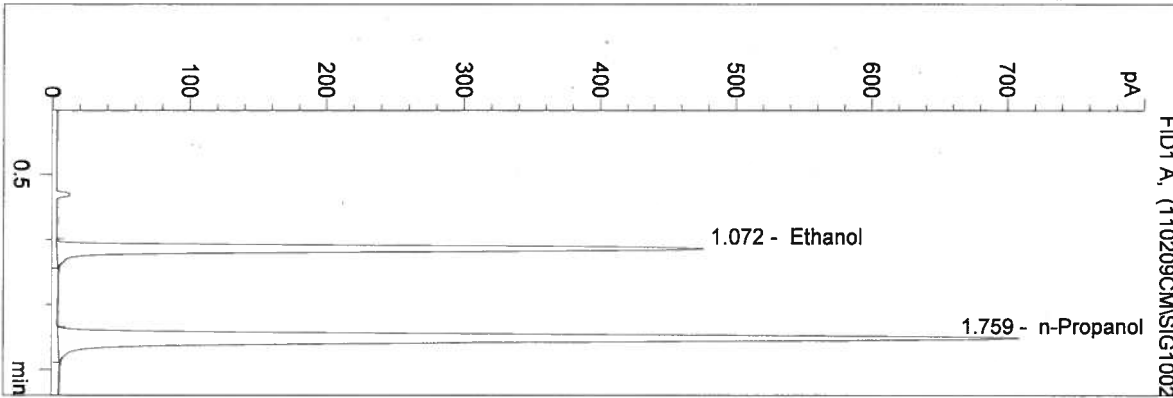
1.000 g/100 mL

CM

C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/9/2011 11:51:10 AM  
 Instrument 1  
 DB-ALC1

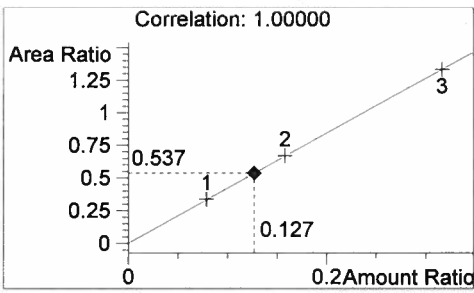
11006 #5  
 Christie Mitchell

vial # 28



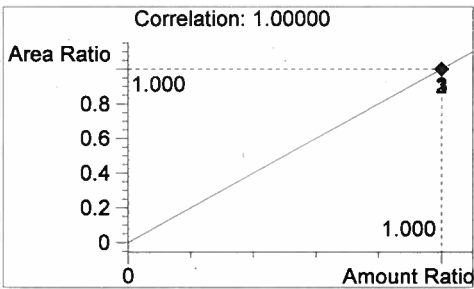
#	Compound	Area	RT
1	Ethanol	1510	1.072
2	n-Propanol	2814	1.759

Tot



Ethanol

0.127 g/100 mL



n-Propanol

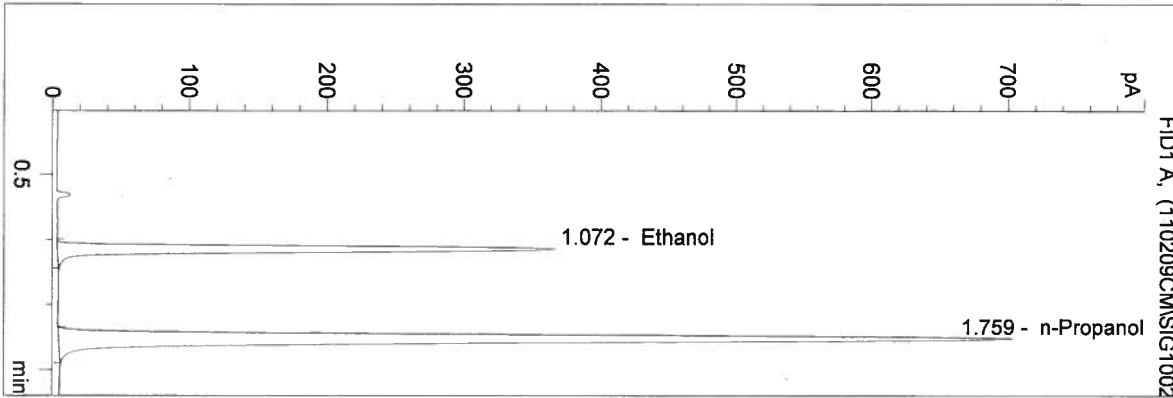
1.000 g/100 mL

CM

C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/9/2011 11:54:14 AM  
 Instrument 1  
 DB-ALC1

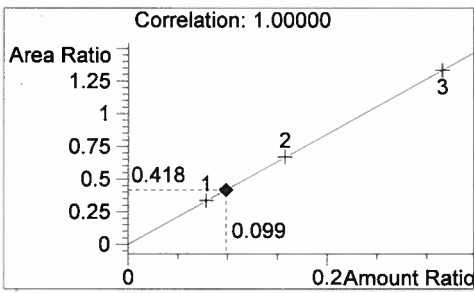
0.10 CTRL - CM  
 Christie Mitchell

vial # 29



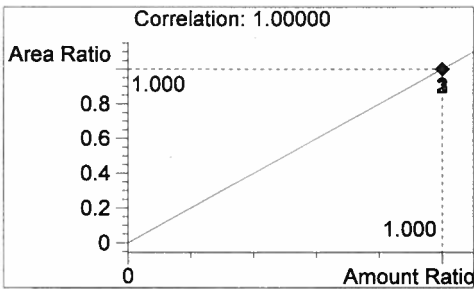
#	Compound	Area	RT
1	Ethanol	1164	1.072
2	n-Propanol	2787	1.759

Tot



Ethanol

0.099 g/100 mL



n-Propanol

1.000 g/100 mL

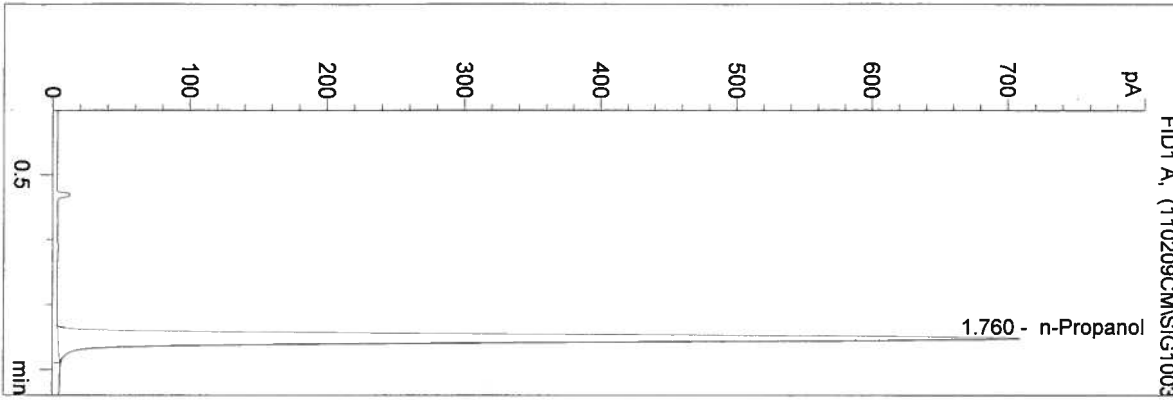
CM

11006

C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/9/2011 11:57:19 AM  
 Instrument 1  
 DB-ALC1

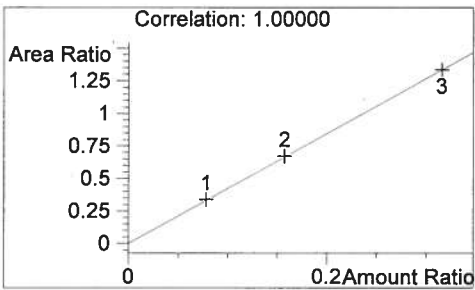
NEG CTRL - CM  
 Christie Mitchell

vial # 30



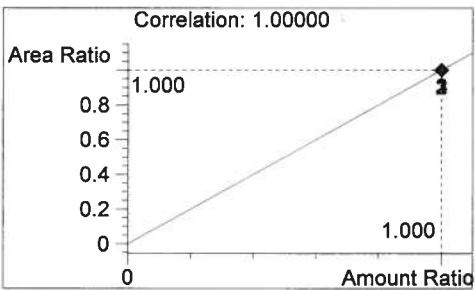
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2827	1.760

Tot



Ethanol

0.000 g/100 mL



n-Propanol

1.000 g/100 mL

CM

11006



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: 110211BB  
 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 11004 #1	SIMALC1	1	Sample		
11	Vial 11	QAP0.04 11004 #2	SIMALC1	1	Sample		
12	Vial 12	QAP0.04 11004 #3	SIMALC1	1	Sample		
13	Vial 13	QAP0.04 11004 #4	SIMALC1	1	Sample		
14	Vial 14	QAP0.04 11004 #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 11005 #1	SIMALC1	1	Sample		
18	Vial 18	QAP0.08 11005 #2	SIMALC1	1	Sample		
19	Vial 19	QAP0.08 11005 #3	SIMALC1	1	Sample		
20	Vial 20	QAP0.08 11005 #4	SIMALC1	1	Sample		
21	Vial 21	QAP0.08 11005 #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 11006 #1	SIMALC1	1	Sample		
25	Vial 25	QAP0.10 11006 #2	SIMALC1	1	Sample		
26	Vial 26	QAP0.10 11006 #3	SIMALC1	1	Sample		
27	Vial 27	QAP0.10 11006 #4	SIMALC1	1	Sample		
28	Vial 28	QAP0.10 11006 #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 11007 #1	SIMALC1	1	Sample		
32	Vial 32	QAP0.15 11007 #2	SIMALC1	1	Sample		

bb

11006

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	QAP0.15 11007 #3	SIMALC1	1	Sample		
34	Vial 34	QAP0.15 11007 #4	SIMALC1	1	Sample		
35	Vial 35	QAP0.15 11007 #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!

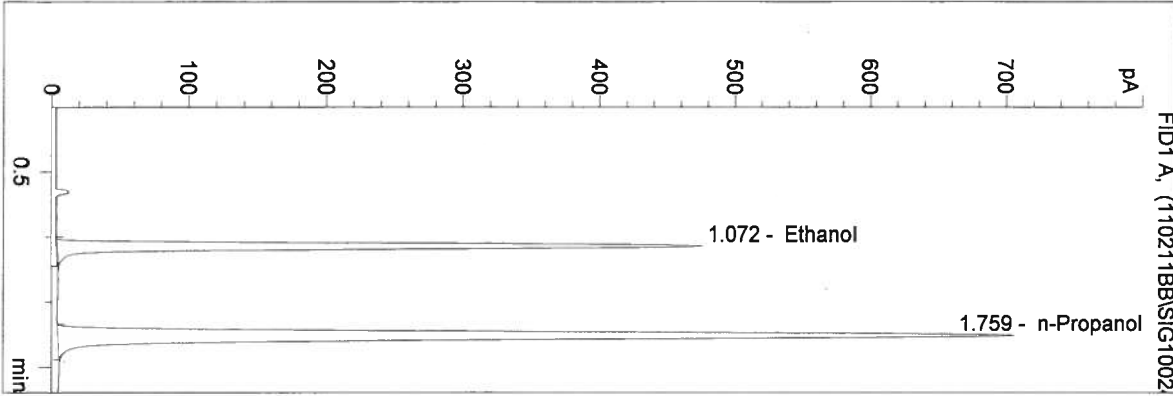
BB

11006

WASHINGTON STATE TOXICOLOGY LABORATORY

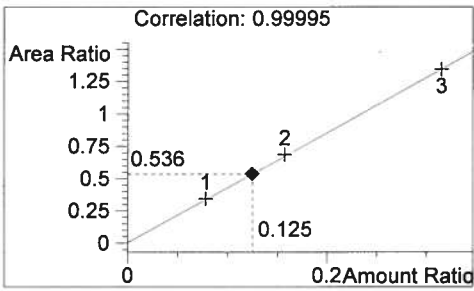
C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/11/2011 3:08:30 PM  
 Instrument 1  
 DB-ALC1

QAP0.10 11006 #1  
 Brittany Ball  
 vial # 24



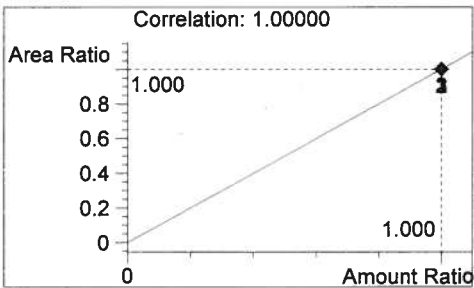
#	Compound	Area	RT
1	Ethanol	1497	1.072
2	n-Propanol	2792	1.759

Tot



Ethanol

0.125 g/100 mL



n-Propanol

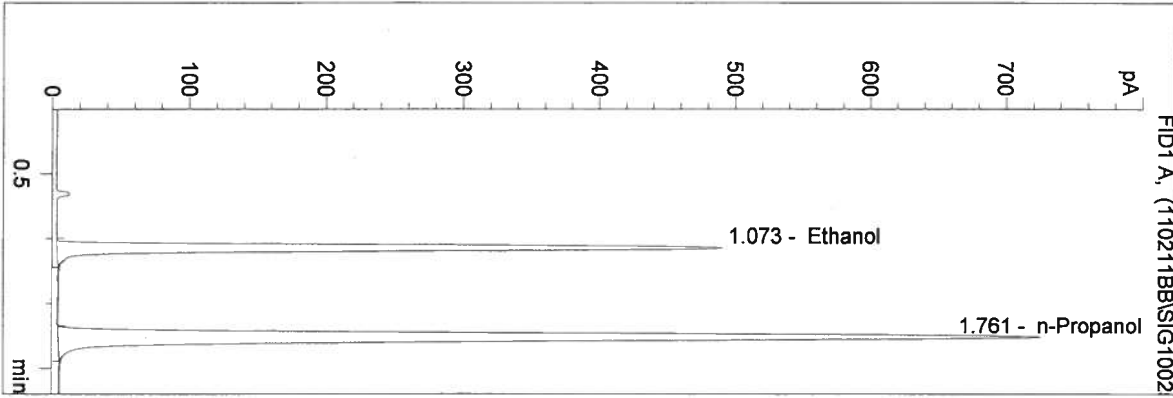
1.000 g/100 mL

BB

WASHINGTON STATE TOXICOLOGY LABORATORY

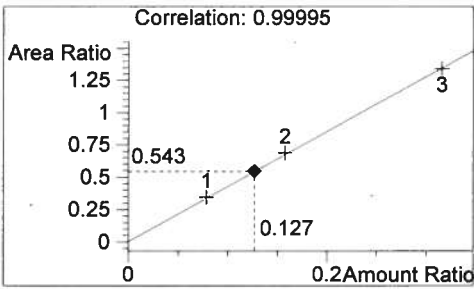
C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/11/2011 3:11:35 PM  
 Instrument 1  
 DB-ALC1

QAP0.10 11006 #2  
 Brittany Ball  
 vial # 25



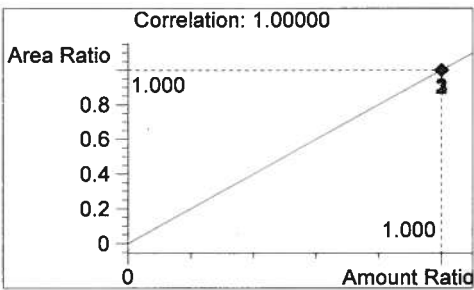
#	Compound	Area	RT
1	Ethanol	1560	1.073
2	n-Propanol	2874	1.761

Tot



Ethanol

0.127 g/100 mL



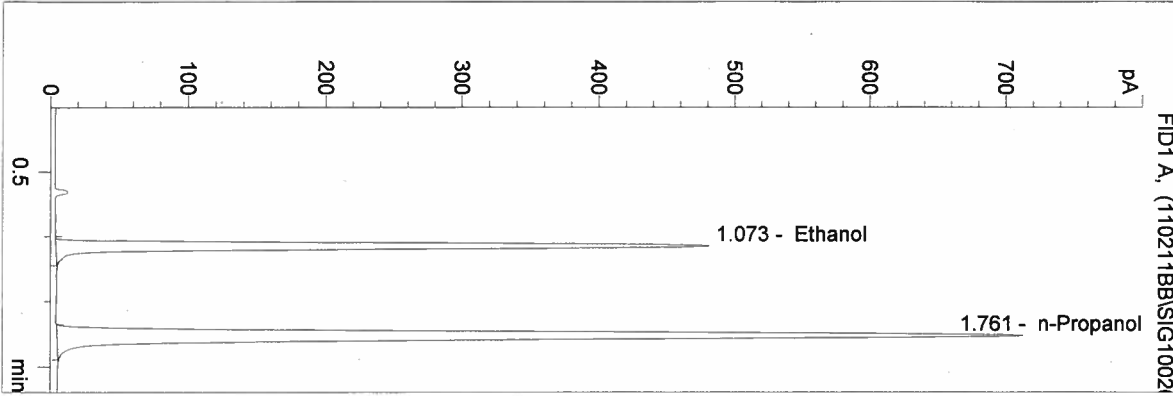
n-Propanol

1.000 g/100 mL

BB

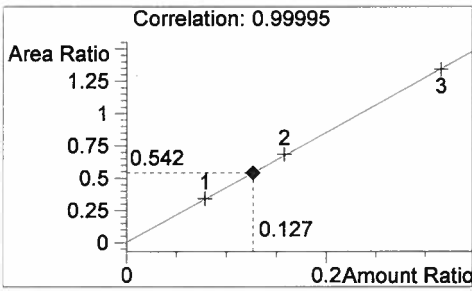
C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/11/2011 3:14:40 PM  
 Instrument 1  
 DB-ALC1

QAP0.10 11006 #3  
 Brittany Ball  
 vial # 26



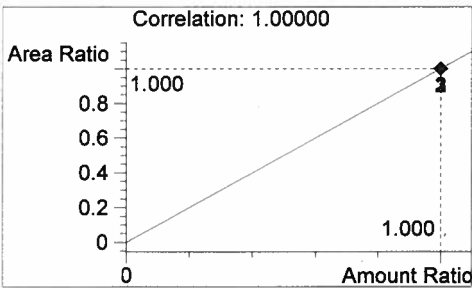
#	Compound	Area	RT
1	Ethanol	1534	1.073
2	n-Propanol	2832	1.761

Tot



Ethanol

0.127 g/100 mL



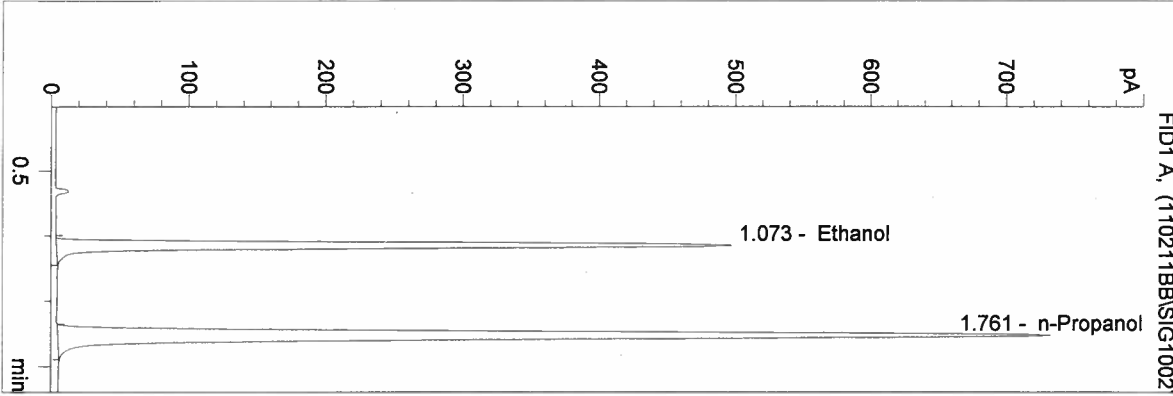
n-Propanol

1.000 g/100 mL

BB

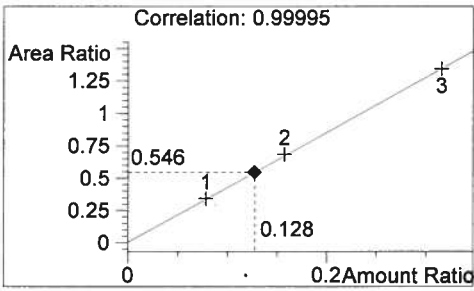
C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/11/2011 3:17:45 PM  
 Instrument 1  
 DB-ALC1

QAP0.10 11006 #4  
 Brittany Ball  
 vial # 27



#	Compound	Area	RT
1	Ethanol	1587	1.073
2	n-Propanol	2908	1.761

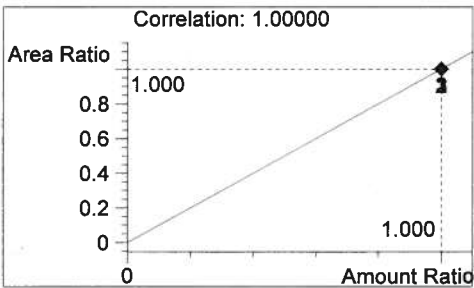
Tot



Ethanol

0.128 g/100 mL

*BB*

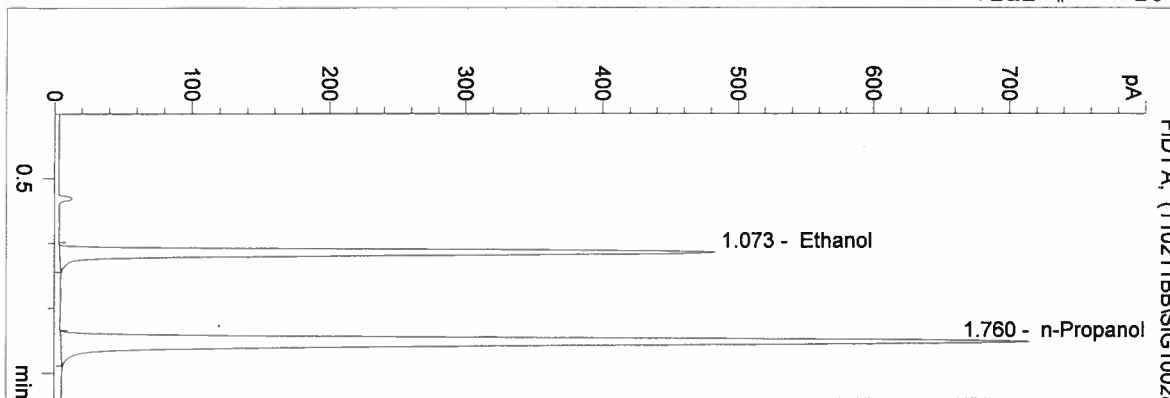


n-Propanol

1.000 g/100 mL

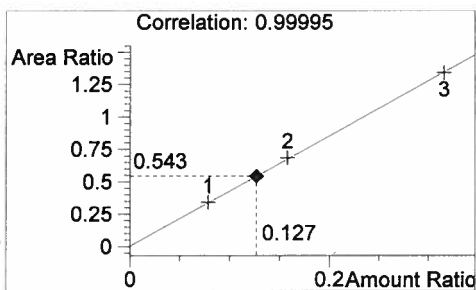
C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/11/2011 3:20:49 PM  
 Instrument 1  
 DB-ALC1

QAP0.10 11006 #5  
 Brittany Ball  
 vial # 28



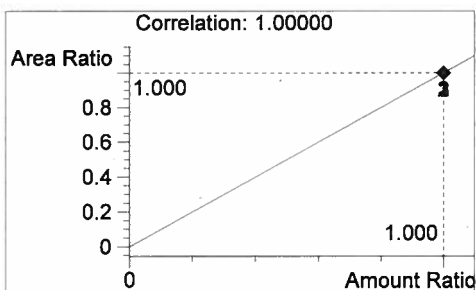
#	Compound	Area	RT
1	Ethanol	1539	1.073
2	n-Propanol	2836	1.760

Tot



Ethanol

0.127 g/100 mL



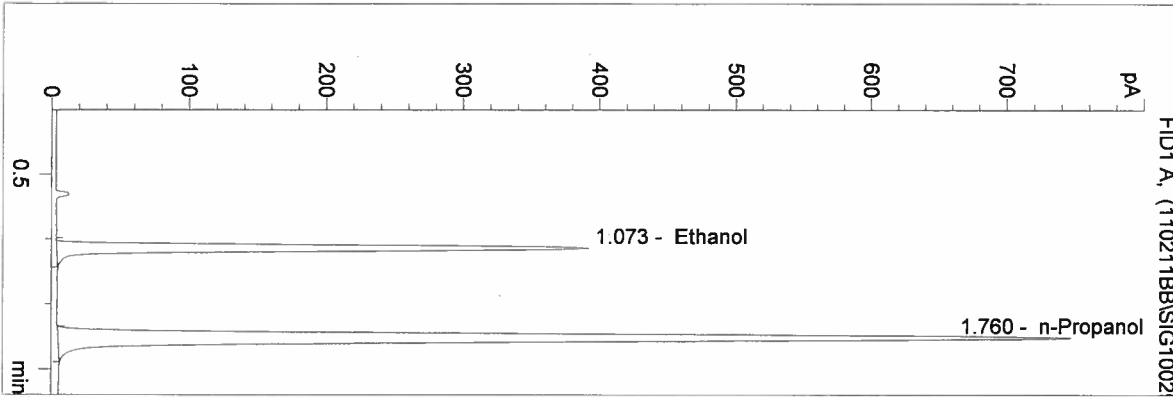
n-Propanol

1.000 g/100 mL

BB

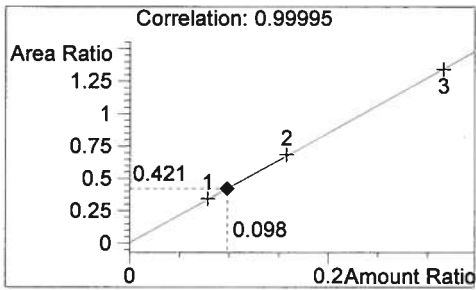
C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/11/2011 3:23:54 PM  
 Instrument 1  
 DB-ALC1

0.10 CTRL-BB  
 Brittany Ball  
 vial # 29



#	Compound	Area	RT
1	Ethanol	1250	1.073
2	n-Propanol	2967	1.760

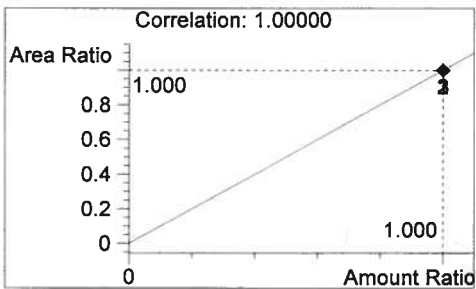
Tot



Ethanol

0.098 g/100 mL

BB



n-Propanol

1.000 g/100 mL

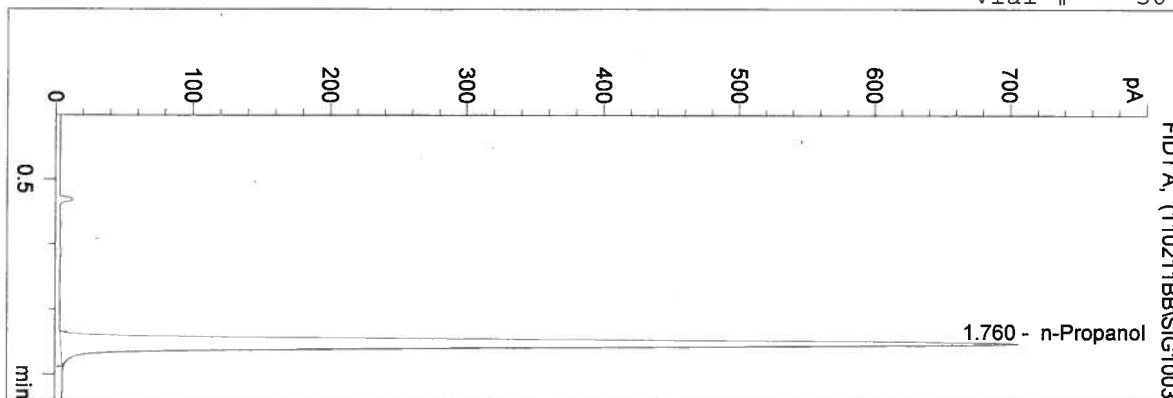
11006



C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/11/2011 3:26:59 PM  
 Instrument 1  
 DB-ALC1

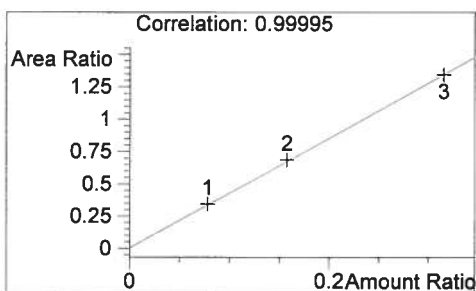
NEG CTRL-BB  
 Brittany Ball

vial # 30



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2800	1.760

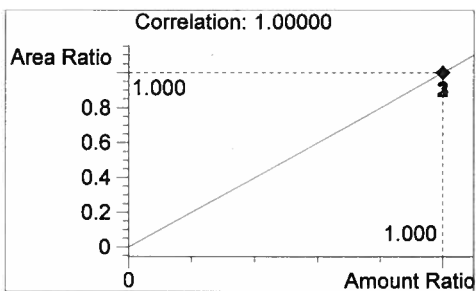
Tot



Ethanol

0.000 g/100 mL

*BB*



n-Propanol

1.000 g/100 mL

11006

Sequence Parameters:

Operator: Brianna Peterson  
 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: 110214BP  
 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 BP	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL BP	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL BP	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL BP	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL BP	SIMALC1	1	Ctrl Samp		
10	Vial 10	QA11004-1	SIMALC1	1	Sample		
11	Vial 11	QA11004-2	SIMALC1	1	Sample		
12	Vial 12	QA11004-3	SIMALC1	1	Sample		
13	Vial 13	QA11004-4	SIMALC1	1	Sample		
14	Vial 14	QA11004-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL BP	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL BP	SIMALC1	1	Ctrl Samp		
17	Vial 17	QA11005-1	SIMALC1	1	Sample		
18	Vial 18	QA11005-2	SIMALC1	1	Sample		
19	Vial 19	QA11005-3	SIMALC1	1	Sample		
20	Vial 20	QA11005-4	SIMALC1	1	Sample		
21	Vial 21	QA11005-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL BP	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL BP	SIMALC1	1	Ctrl Samp		
24	Vial 24	QA11006-1	SIMALC1	1	Sample		
25	Vial 25	QA11006-2	SIMALC1	1	Sample		
26	Vial 26	QA11006-3	SIMALC1	1	Sample		
27	Vial 27	QA11006-4	SIMALC1	1	Sample		
28	Vial 28	QA11006-5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL BP	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL BP	SIMALC1	1	Ctrl Samp		
31	Vial 31	QA11007-1	SIMALC1	1	Sample		
32	Vial 32	QA11007-2	SIMALC1	1	Sample		

CALIBRATION DATA  
 FILED WITH QA11004/S

11006

BP

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	QA11007-3	SIMALC1	1	Sample		
34	Vial 34	QA11007-4	SIMALC1	1	Sample		
35	Vial 35	QA11007-5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL BP	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL BP	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!

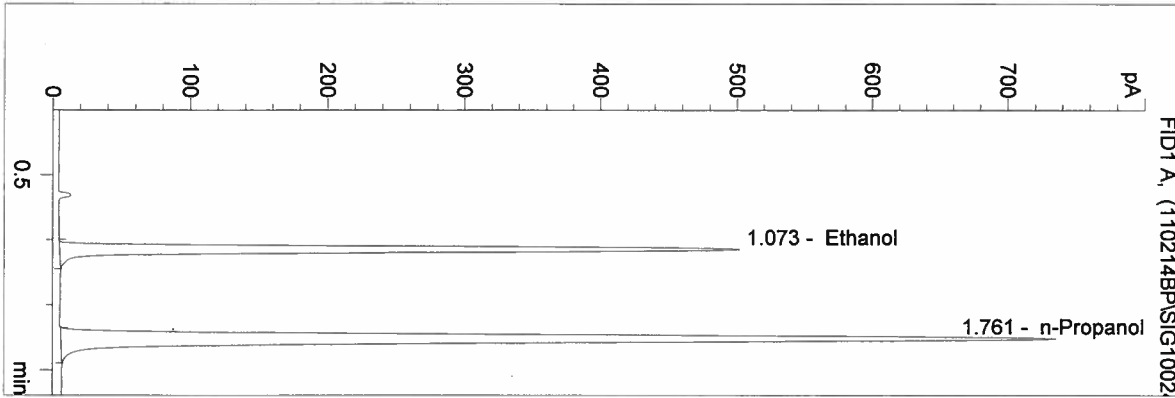
11006

BP

C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/14/2011 11:05:24 AM  
 Instrument 1  
 DB-ALC1

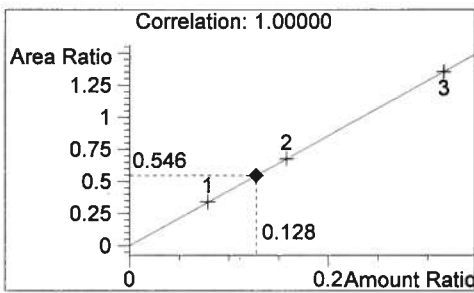
QA11006-1  
 Brianna Peterson

vial # 24



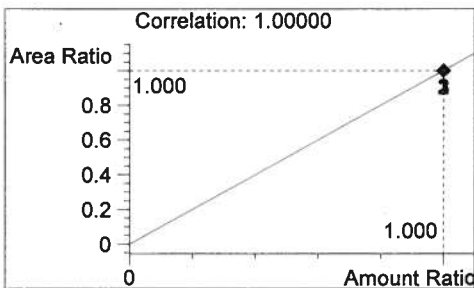
#	Compound	Area	RT
1	Ethanol	1588	1.073
2	n-Propanol	2907	1.761

Tot



Ethanol

0.128 g/100 mL



n-Propanol

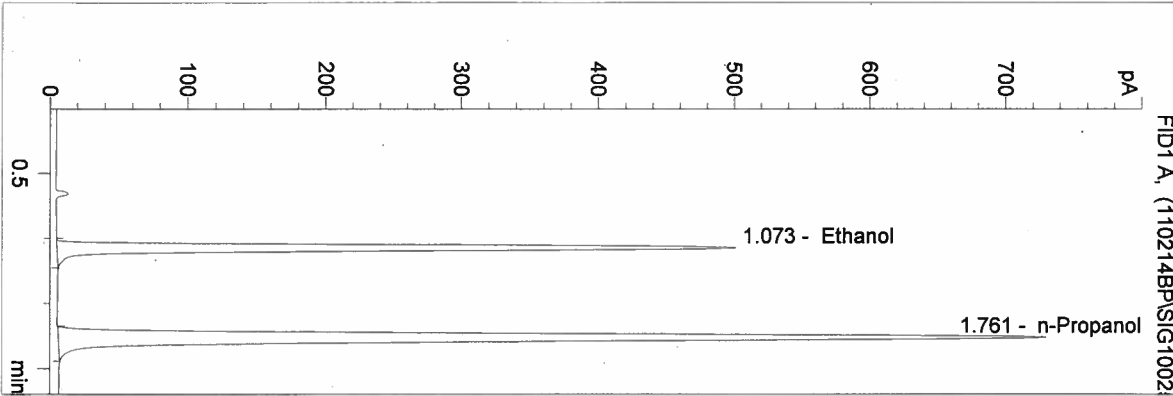
1.000 g/100 mL

*BP*

C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/14/2011 11:08:29 AM  
 Instrument 1  
 DB-ALC1

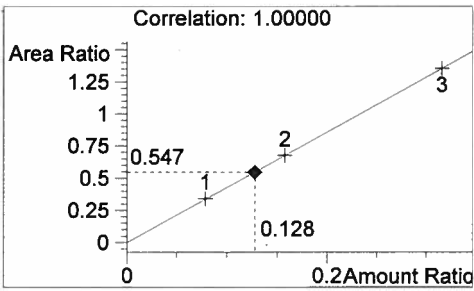
QA11006-2  
 Brianna Peterson

vial # 25



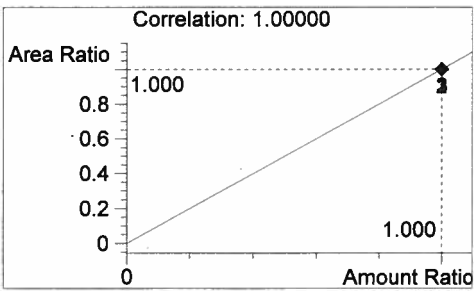
#	Compound	Area	RT
1	Ethanol	1581	1.073
2	n-Propanol	2888	1.761

Tot



Ethanol

0.128 g/100 mL



n-Propanol

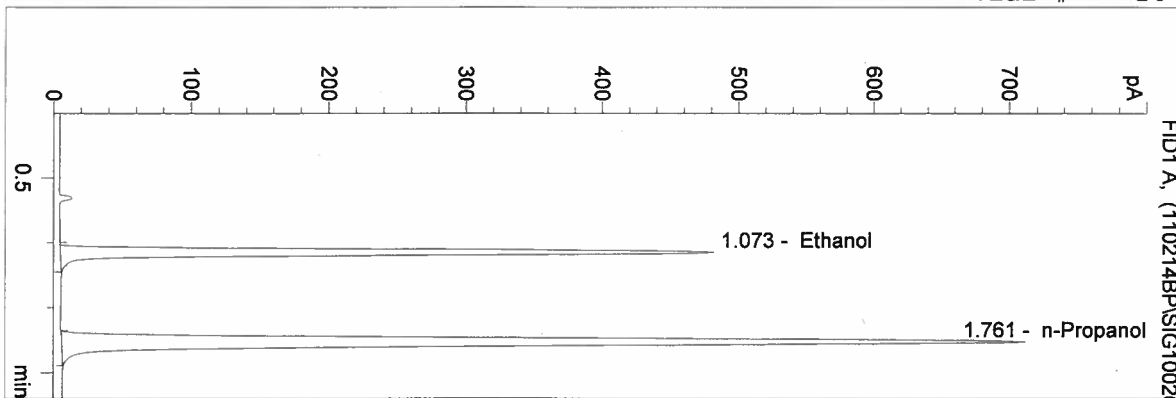
1.000 g/100 mL

BP

C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/14/2011 11:11:33 AM  
 Instrument 1  
 DB-ALC1

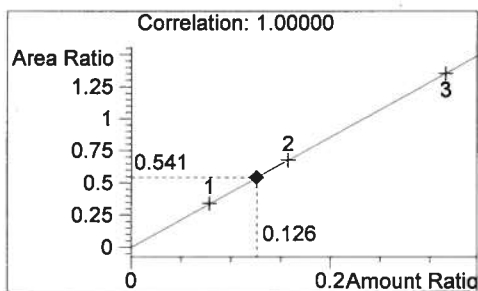
QA11006-3  
 Brianna Peterson

vial # 26



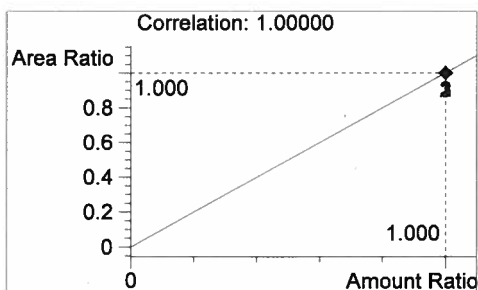
#	Compound	Area	RT
1	Ethanol	1519	1.073
2	n-Propanol	2809	1.761

Tot



Ethanol

0.126 g/100 mL



n-Propanol

1.000 g/100 mL

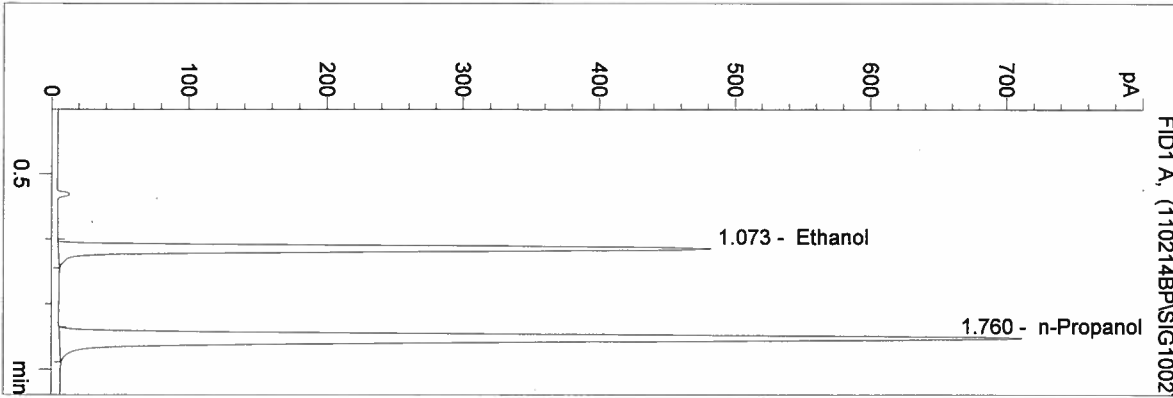
BP

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C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/14/2011 11:14:38 AM  
 Instrument 1  
 DB-ALC1

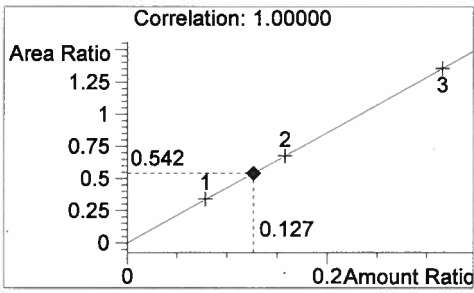
QA11006-4  
 Brianna Peterson

vial # 27



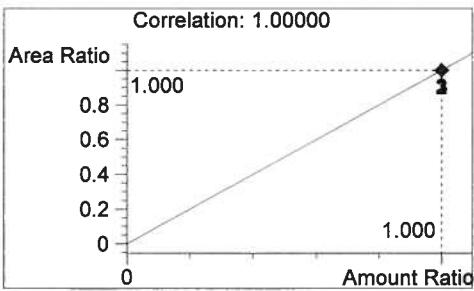
#	Compound	Area	RT
1	Ethanol	1528	1.073
2	n-Propanol	2819	1.760

Tot



Ethanol

0.127 g/100 mL



n-Propanol

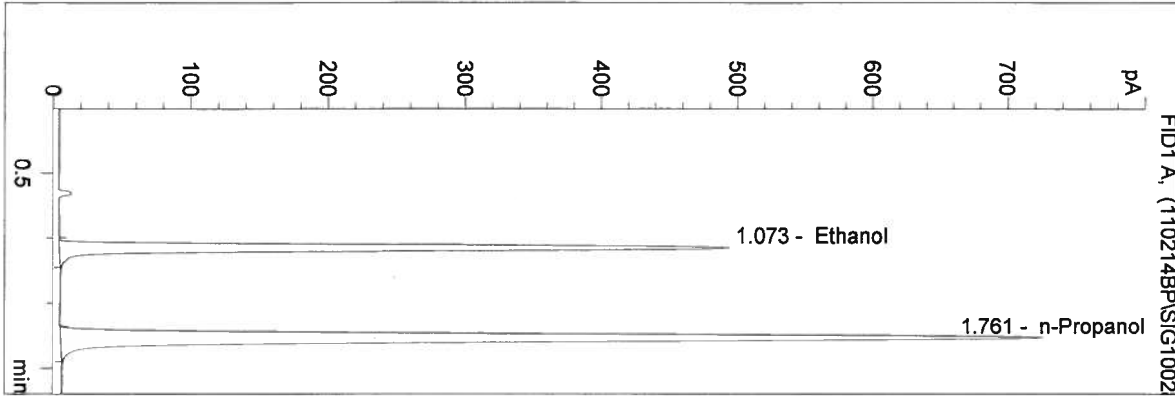
1.000 g/100 mL

BP

C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/14/2011 11:17:42 AM  
 Instrument 1  
 DB-ALC1

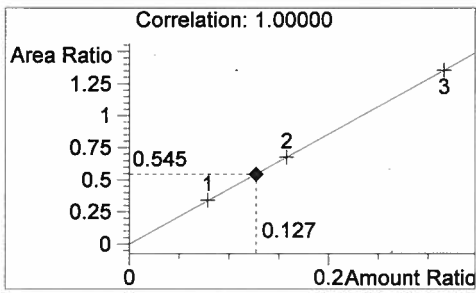
QA11006-5  
 Brianna Peterson

vial # 28



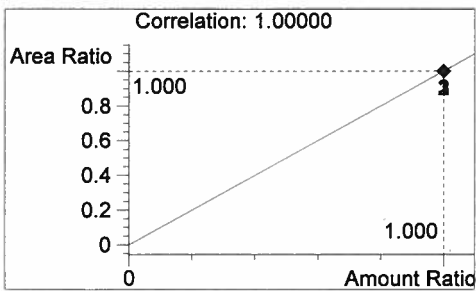
#	Compound	Area	RT
1	Ethanol	1566	1.073
2	n-Propanol	2873	1.761

Tot



Ethanol

0.127 g/100 mL



n-Propanol

1.000 g/100 mL

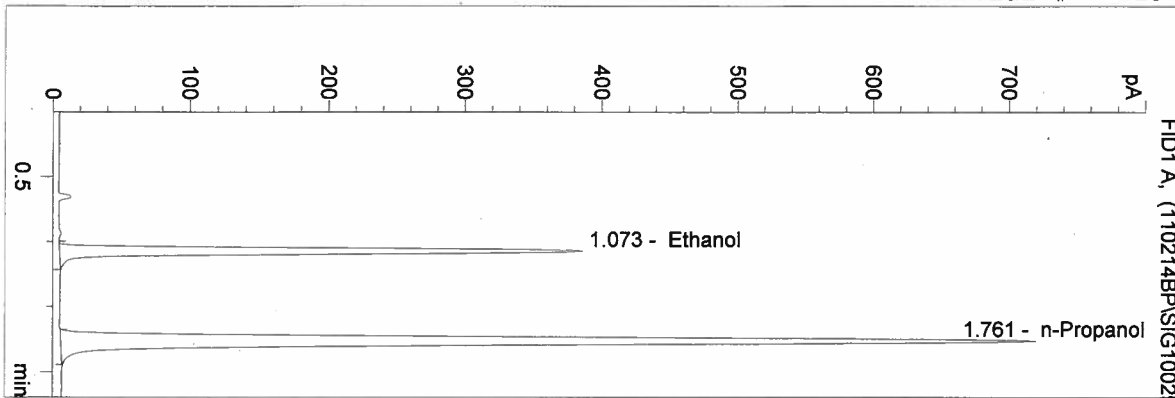
BP



C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/14/2011 11:20:47 AM  
 Instrument 1  
 DB-ALC1

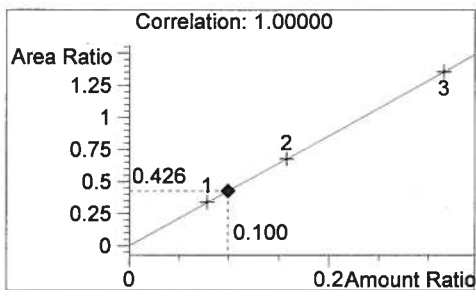
0.10 CTRL BP  
 Brianna Peterson

vial # 29



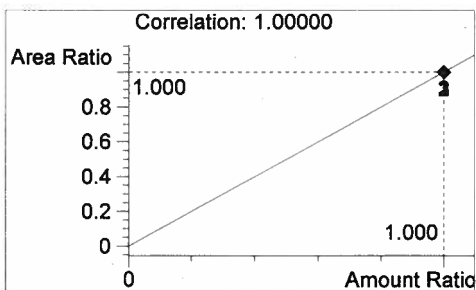
#	Compound	Area	RT
1	Ethanol	1212	1.073
2	n-Propanol	2843	1.761

Tot



Ethanol

0.100 g/100 mL



n-Propanol

1.000 g/100 mL

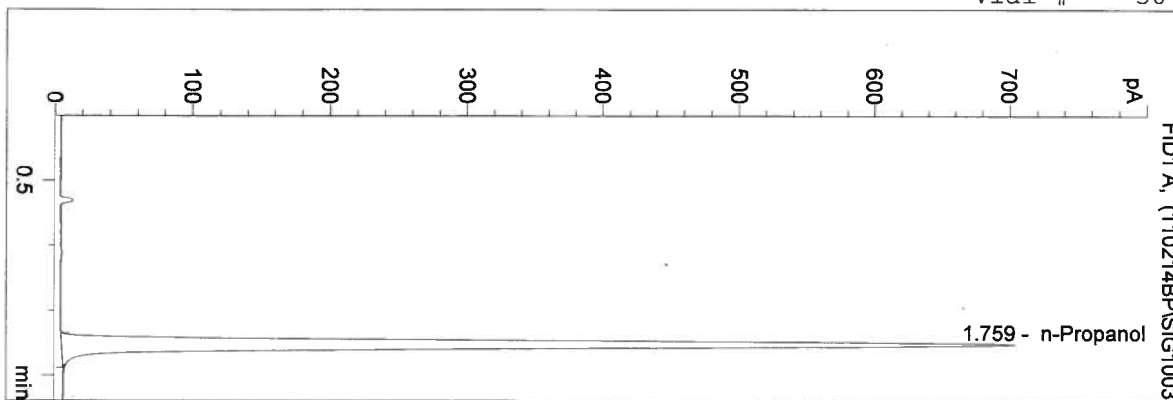
11006

BP

C:\HPCHEM\1\METHODS\SIMALC1.M  
 2/14/2011 11:23:52 AM  
 Instrument 1  
 DB-ALC1

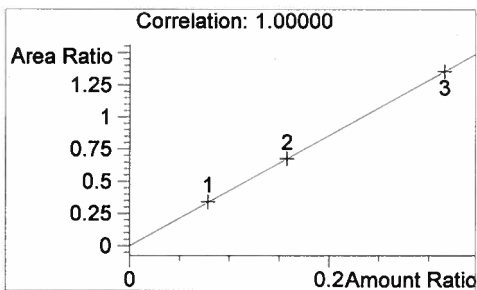
NEG CTRL BP  
 Brianna Peterson

vial # 30



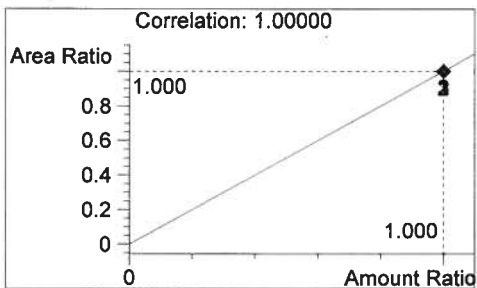
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2776	1.759

Tot



Ethanol

0.000 g/100 mL



n-Propanol

1.000 g/100 mL

11006

BP

**FILE A COPY IN THE BATCH FILE FOR EACH SOLUTION LISTED ON THE WORKSHEET**Preparation Date: 2/9/2011 Initials of Preparer: CMExpiration Date: 2/9/2012Lot # of 200-proof Ethanol used in preparation: ZQ0777Date the 200-proof Ethanol bottle was opened: 2/8/2011

After opening, each bottle of 200-proof Ethanol is approved for use for 6 months unless an extension is approved by the State Toxicologist. This timeframe applies to the 200-proof Ethanol only, not to simulator solutions which have a 1 year expiration.

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	<input checked="" type="checkbox"/>	<u>11004</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>11005</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>11006</u>
QAP 0.15	42.0	18	<input checked="" type="checkbox"/>	<u>11007</u>
ESS	66.5	52	<input type="checkbox"/>	<u>          </u>

Stir bar is rotating Stirred for minimum 30 minutes; 2 hours for ESS Spigot purged Aliquot taken Batch labeled, packaged and sealed 2/9/2011  
Date

If different ethanol lot numbers are used in the preparation of solutions, record them and the corresponding solution batch numbers in the comments section.

Comments:

Christina M. ...  
Analyst Signature

2/9/2011  
Date