
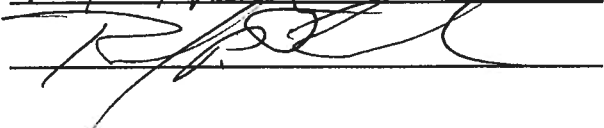


SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: RANDY VRAVISH/ROB GULLBERG Date: 10-26-2010
Location: ROMBER WSP OFFICE Solution Batch Number: 10045

	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: 10-26-10
Reviewer Signature:  Date: 10-26-10

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

QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 10045

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: 0.15 g/210L
DATE PREPARED: 10/06/2010
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Brianne O'Reilly

	BEO	CM	JLK
1	0.192	0.191	0.193
2	0.192	0.192	0.194
3	0.191	0.192	0.191
4	0.193	0.192	0.193
5	0.192	0.192	0.192
C	0.100	0.101	0.100

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.1921 g/100mL PRECISION CV (%): 0.43
STANDARD DEVIATION: 0.00083 NUMBER OF TESTS: 15

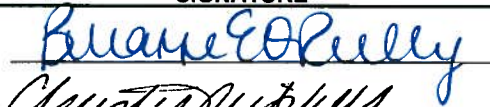
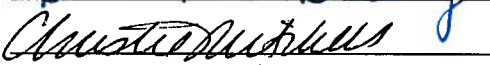
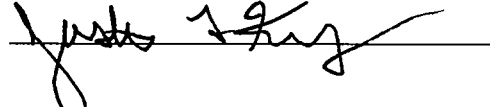
EQUIVALENT VAPOR CONCENTRATION: 0.1562 g/210L

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION


Melissa L. Pemberton Forensic Scientist Supervisor

10-26-10
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
BEO	Brianne E. O'Reilly		10/06/2010
CM	Christie Mitchell		10/08/2010
JLK	Justin L. Knoy		10/11/2010

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

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

QAP Solution Batch #: 10045 Date Prepared: 10/6/2010

Analyst: BEO CM JLK
 Date Tested: 10/6/2010 10/8/2010 10/11/2010

Instrument:	#1	#1	#1
1	0.192	0.191	0.193
2	0.192	0.192	0.194
3	0.191	0.192	0.191
4	0.193	0.192	0.193
5	0.192	0.192	0.192
C	0.100	0.101	0.100

CV ² _{COA}	CV ² _{QAP Solution}	CV ² _{Control}	CV ² _{Bias}	CV ² _{Part Coef}
0.0000084100	0.0000012556	0.0000110374	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: 0.1921 g/100mL
 Standard Deviation: 0.00083 g/100mL
 Precision CV (%): 0.43
 Equivalent Vapor Concentration: 0.1562 g/210L
 Combined Standard Uncertainty (±): 0.0019 g/210L

Calculations performed by: Melissa Lambertson Signature Melissa Lambertson Date 10-15-10
 Calculations verified by: POA Colvard Signature POA Colvard Date 10-26-10
 Method: EXCEL

Tech. review performed by: Melissa Lambertson Signature Melissa Lambertson Date 10-26-10

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	BRO	10-18-10
Brittany Ball		
Christie Mitchell	CM	10/18/10
Christopher Johnston		
Dawn Cox		
Justin Knoy	JK	10-20-10
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson		

Batch # 10045

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 0.15 QAP SOLUTION
CERTIFICATION FOR LOT 10045**

I, Brianne E. O'Reilly, 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 Veterinary Medical Sciences.

The qap solution, Lot Number 10045, was prepared in the Washington State Toxicology Laboratory on 10/6/2010. 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 10/6/2011.

Seattle, WA

Handwritten signature of Brianne E. O'Reilly in blue ink, with the date "10-18-10" written to the right of the signature.

Brianne E. O'Reilly

Date

Forensic Toxicologist

BEO/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 0.15 QAP SOLUTION
CERTIFICATION FOR LOT 10045**


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 10045, was prepared in the Washington State Toxicology Laboratory on 10/6/2010. 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 10/6/2011.

Seattle, WA

 10/18/10

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

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

**DATAMASTER 0.15 QAP SOLUTION
CERTIFICATION FOR LOT 10045**

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 10045, was prepared in the Washington State Toxicology Laboratory on 10/6/2010. 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 10/6/2011.

Seattle, WA

Justin L. Knoy 10-20-10

Justin L. Knoy

Date

Forensic Toxicologist

JLK/ik



Sequence Parameters:

Operator: Brianne E. O'Reilly

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: 101006BO

Part of Methods to run: According to Runtime Checklist

Barcode Reader: not used

Shutdown Cmd/Macro: none

Sequence Comment:
0.04 Control - Lot # A068379 - exp 10/2013
0.10 Control - Lot # A071132 - exp 03/2014
0.20 Control - Lot # A073849 - exp 07/2014

*Calibration in Batch file
for 10042 QAP Solution.
BW 10/7/10*

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CONTROL-BO	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-BO	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-BO	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-BO	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-BO	SIMALC	1	Ctrl Samp		
10	Vial 10	QAP0.04 10042 #1	SIMALC	1	Sample		
11	Vial 11	QAP0.04 10042 #2	SIMALC	1	Sample		
12	Vial 12	QAP0.04 10042 #3	SIMALC	1	Sample		
13	Vial 13	QAP0.04 10042 #4	SIMALC	1	Sample		
14	Vial 14	QAP0.04 10042 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CONTROL-BO	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-BO	SIMALC	1	Ctrl Samp		
17	Vial 17	QAP0.08 10043 #1	SIMALC	1	Sample		
18	Vial 18	QAP0.08 10043 #2	SIMALC	1	Sample		
19	Vial 19	QAP0.08 10043 #3	SIMALC	1	Sample		
20	Vial 20	QAP0.08 10043 #4	SIMALC	1	Sample		
21	Vial 21	QAP0.08 10043 #5	SIMALC	1	Sample		
22	Vial 22	0.10 CONTROL-BO	SIMALC	1	Ctrl Samp		
23	Vial 23	NEG CONTROL-BO	SIMALC	1	Ctrl Samp		
24	Vial 24	QAP0.10 10044 #1	SIMALC	1	Sample		
25	Vial 25	QAP0.10 10044 #2	SIMALC	1	Sample		
26	Vial 26	QAP0.10 10044 #3	SIMALC	1	Sample		
27	Vial 27	QAP0.10 10044 #4	SIMALC	1	Sample		
28	Vial 28	QAP0.10 10044 #5	SIMALC	1	Sample		
29	Vial 29	0.10 CONTROL-BO	SIMALC	1	Ctrl Samp		
30	Vial 30	NEG CONTROL-BO	SIMALC	1	Ctrl Samp		
31	Vial 31	QAP0.15 10045 #1	SIMALC	1	Sample		
32	Vial 32	QAP0.15 10045 #2	SIMALC	1	Sample		

10045

BW

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	QAP0.15 10045 #3	SIMALC	1	Sample		
34	Vial 34	QAP0.15 10045 #4	SIMALC	1	Sample		
35	Vial 35	QAP0.15 10045 #5	SIMALC	1	Sample		
36	Vial 36	0.10 CONTROL-BO	SIMALC	1	Ctrl Samp		
37	Vial 37	NEG CONTROL-BO	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

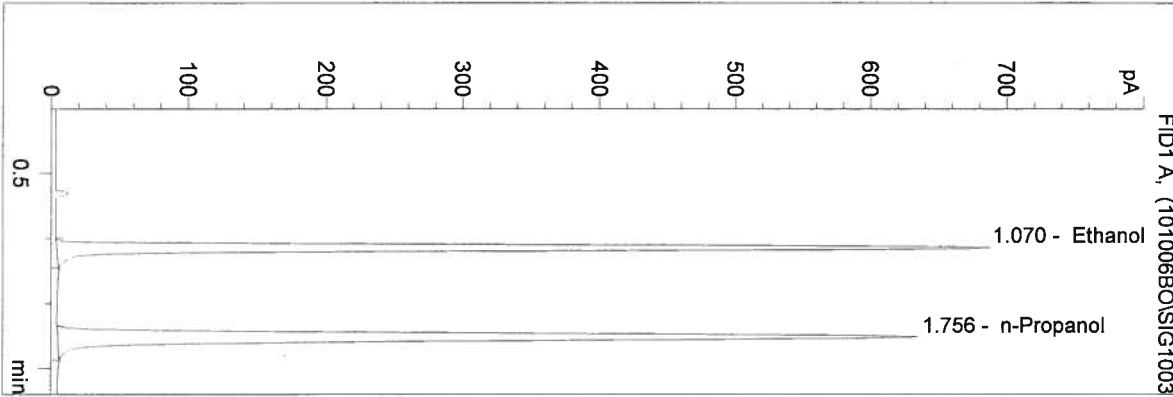
10045

BW

C:\HPCHEM\1\METHODS\SIMALC.M
 10/6/2010 2:35:27 PM
 Instrument 1
 DB ALC 1

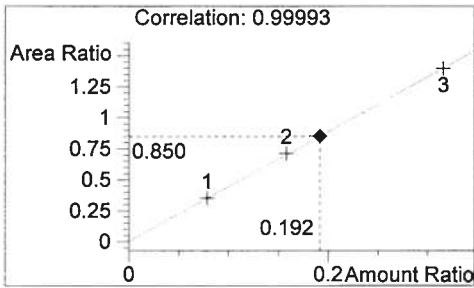
QAP0.15 10045 #1
 Brianne E. O'Reilly

vial # 31



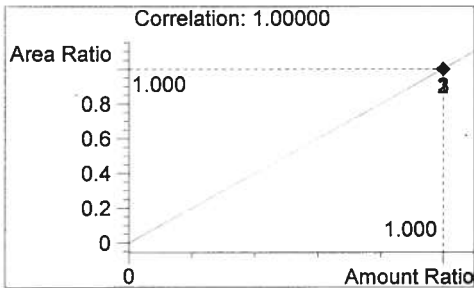
#	Compound	Area	RT
1	Ethanol	2112	1.070
2	n-Propanol	2486	1.756

Tot



Ethanol

0.192 g/100 mL



n-Propanol

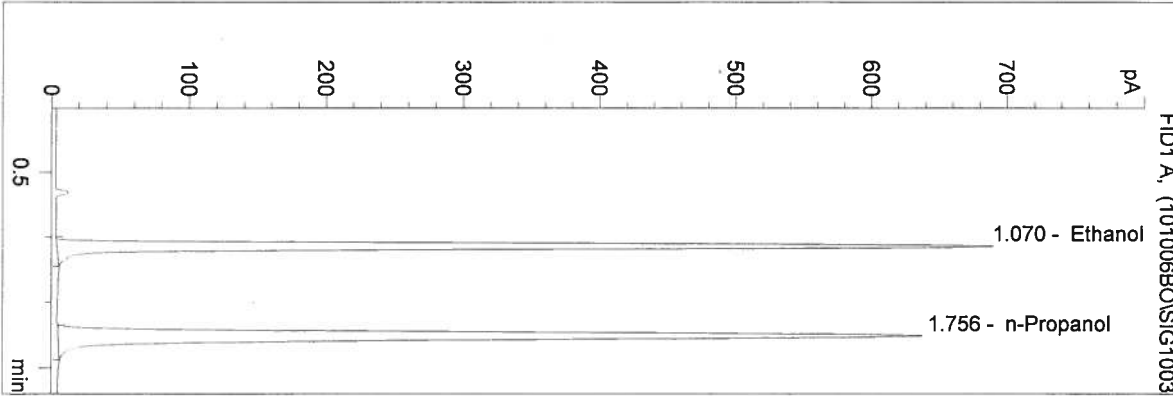
1.000 g/100 mL

BLW

C:\HPCHEM\1\METHODS\SIMALC.M
 10/6/2010 2:38:32 PM
 Instrument 1
 DB ALC 1

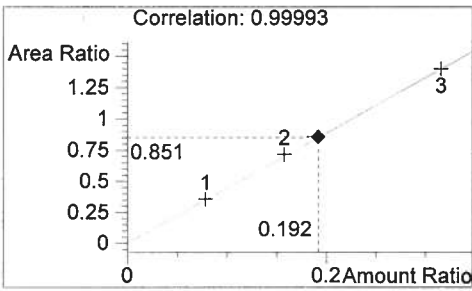
QAP0.15 10045 #2
 Brianne E. O'Reilly

vial # 32



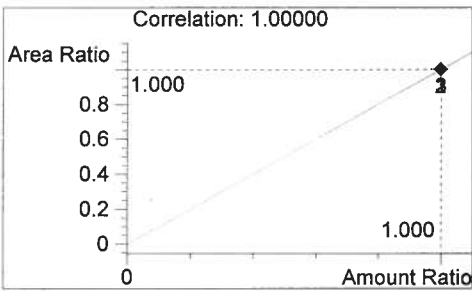
#	Compound	Area	RT
1	Ethanol	2127	1.070
2	n-Propanol	2500	1.756

Tot



Ethanol

0.192 g/100 mL



n-Propanol

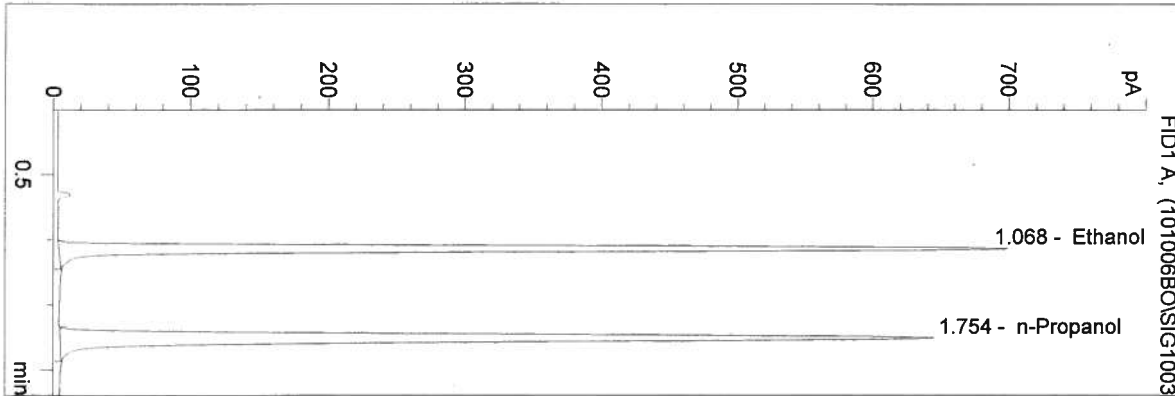
1.000 g/100 mL

BLW

C:\HPCHEM\1\METHODS\SIMALC.M
 10/6/2010 2:41:37 PM
 Instrument 1
 DB ALC 1

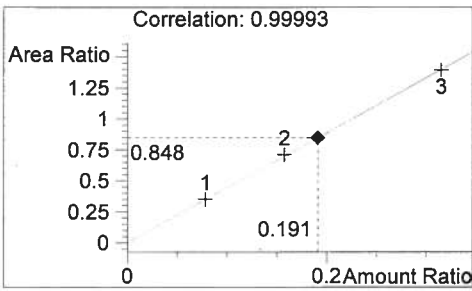
QAP0.15 10045 #3
 Brianne E. O'Reilly

vial # 33



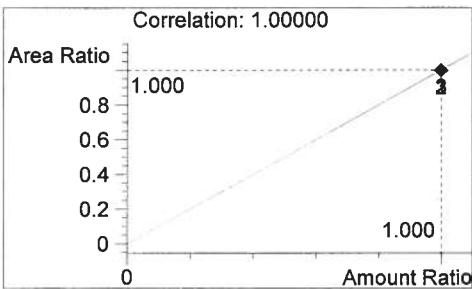
#	Compound	Area	RT
1	Ethanol	2141	1.068
2	n-Propanol	2524	1.754

Tot



Ethanol

0.191 g/100 mL



n-Propanol

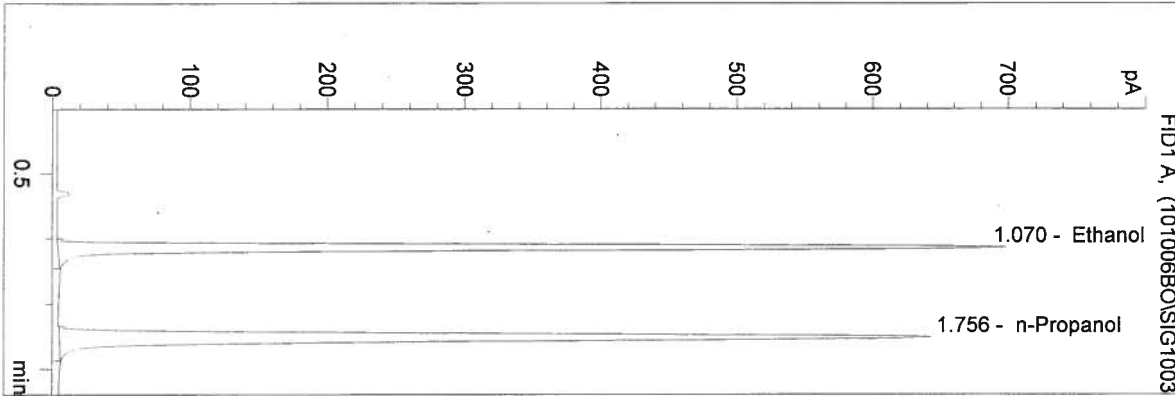
1.000 g/100 mL

BW

C:\HPCHEM\1\METHODS\SIMALC.M
 10/6/2010 2:44:41 PM
 Instrument 1
 DB ALC 1

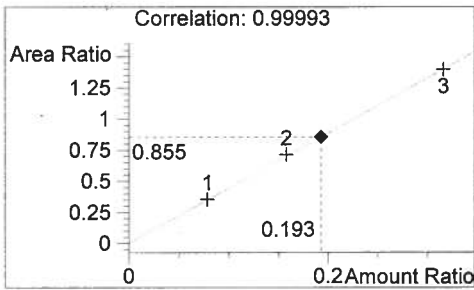
QAP0.15 10045 #4
 Brianne E. O'Reilly

vial # 34



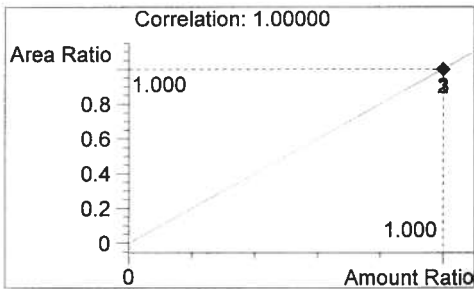
#	Compound	Area	RT
1	Ethanol	2156	1.070
2	n-Propanol	2522	1.756

Tot



Ethanol

0.193 g/100 mL



n-Propanol

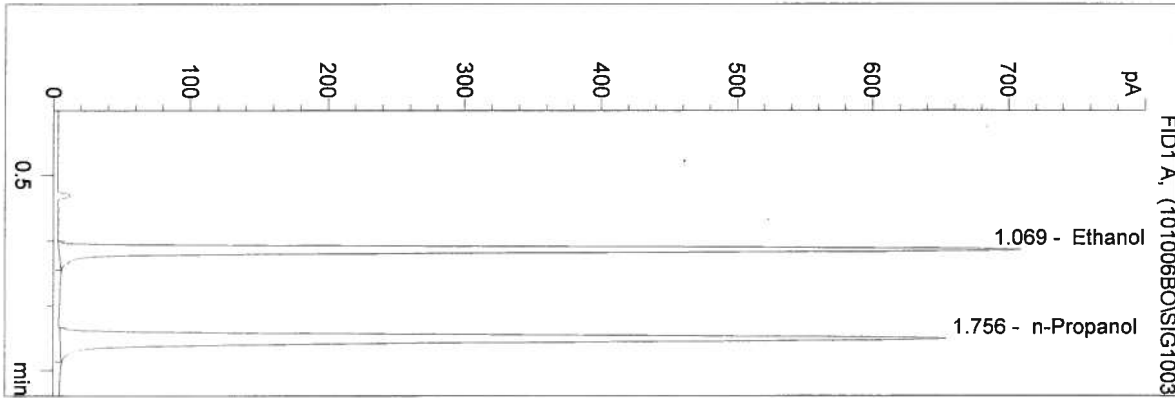
1.000 g/100 mL

Blw

C:\HPCHEM\1\METHODS\SIMALC.M
 10/6/2010 2:47:46 PM
 Instrument 1
 DB ALC 1

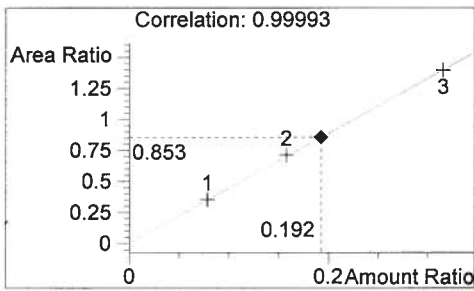
QAP0.15 10045 #5
 Brianne E. O'Reilly

vial # 35



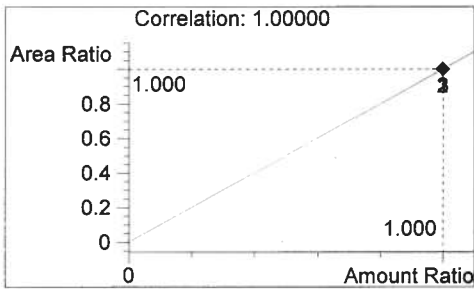
#	Compound	Area	RT
1	Ethanol	2186	1.069
2	n-Propanol	2563	1.756

Tot



Ethanol

.0.192 g/100 mL



n-Propanol

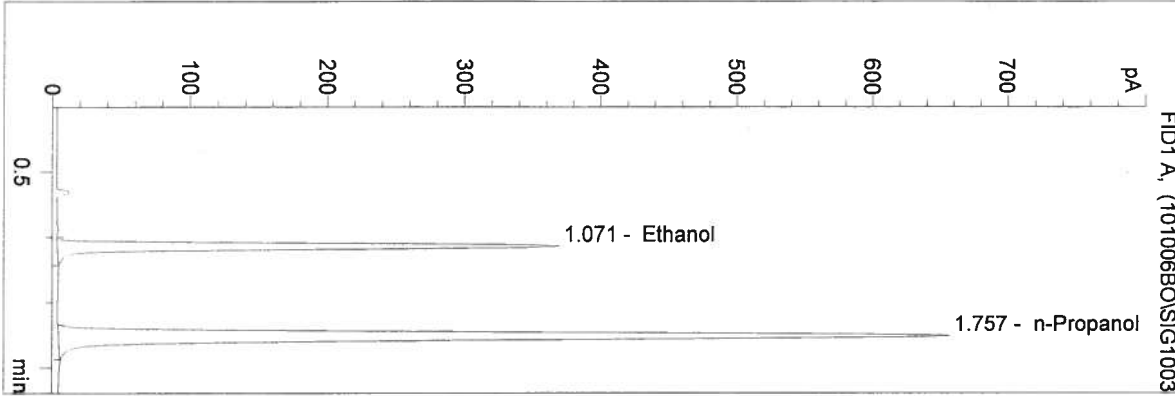
1.000 g/100 mL

BW

C:\HPCHEM\1\METHODS\SIMALC.M
 10/6/2010 2:50:51 PM
 Instrument 1
 DB ALC 1

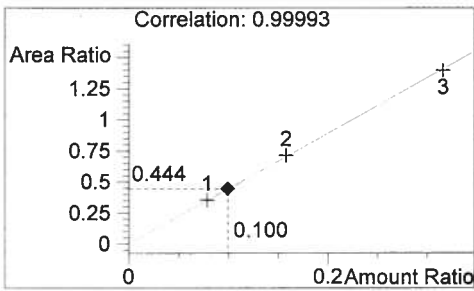
0.10 CONTROL-BO
 Brianne E. O'Reilly

vial # 36



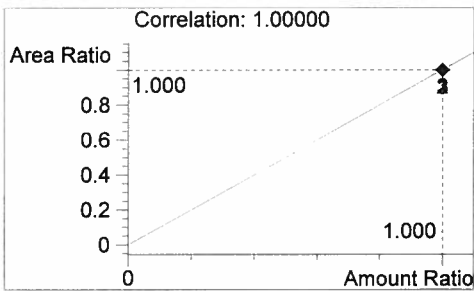
#	Compound	Area	RT
1	Ethanol	1145	1.071
2	n-Propanol	2581	1.757

Tot



Ethanol

0.100 g/100 mL



n-Propanol

1.000 g/100 mL

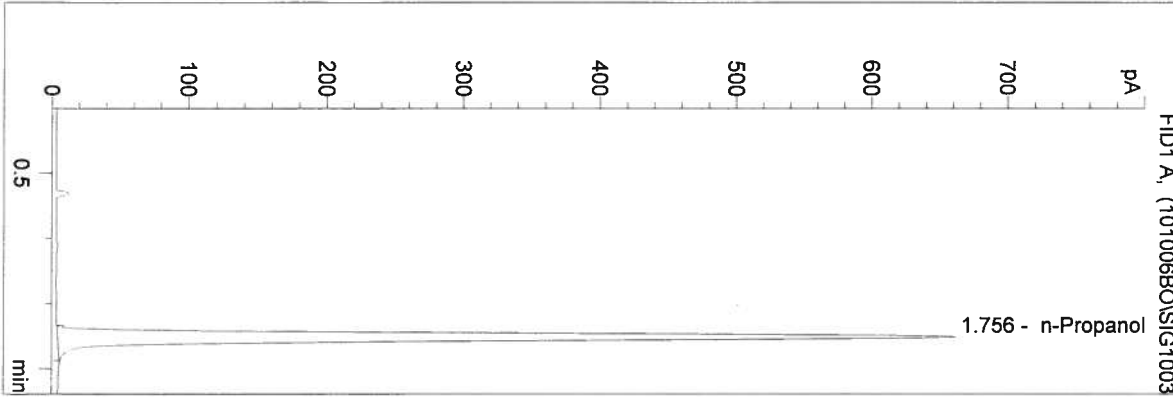
10045

BW

C:\HPCHEM\1\METHODS\SIMALC.M
 10/6/2010 2:53:56 PM
 Instrument 1
 DB ALC 1

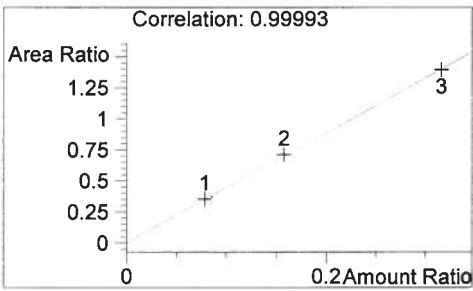
NEG CONTROL-BO
 Brianne E. O'Reilly

vial # 37



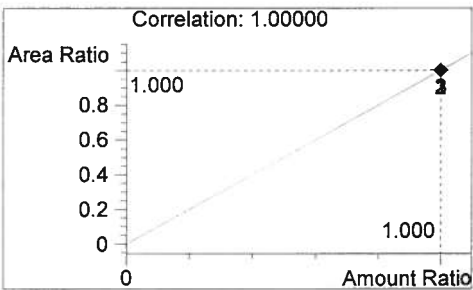
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2598	1.756

Tot



Ethanol

0.000 g/100 mL



n-Propanol

1.000 g/100 mL

10045

BWO

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: 101008CM

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	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL - CM	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL -CM	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC	1	Ctrl Samp		
10	Vial 10	10042 #1	SIMALC	1	Sample		
11	Vial 11	10042 #2	SIMALC	1	Sample		
12	Vial 12	10042 #3	SIMALC	1	Sample		
13	Vial 13	10042 #4	SIMALC	1	Sample		
14	Vial 14	10042 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL - CM	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CM	SIMALC	1	Ctrl Samp		
17	Vial 17	10043 #1	SIMALC	1	Sample		
18	Vial 18	10043 #2	SIMALC	1	Sample		
19	Vial 19	10043 #3	SIMALC	1	Sample		
20	Vial 20	10043 #4	SIMALC	1	Sample		
21	Vial 21	10043 #5	SIMALC	1	Sample		
22	Vial 22	0.10 CTRL - CM	SIMALC	1	Ctrl Samp		
23	Vial 23	NEG CTRL - CM	SIMALC	1	Ctrl Samp		
24	Vial 24	10045 #1	SIMALC	1	Sample		
25	Vial 25	10045 #2	SIMALC	1	Sample		
26	Vial 26	10045 #3	SIMALC	1	Sample		
27	Vial 27	10045 #4	SIMALC	1	Sample		
28	Vial 28	10045 #5	SIMALC	1	Sample		
29	Vial 29	0.10 CTRL - CM	SIMALC	1	Ctrl Samp		
30	Vial 30	NEG CTRL - CM	SIMALC	1	Ctrl Samp		
31	Vial 31	10046 #1	SIMALC	1	Sample		
32	Vial 32	10046 #2	SIMALC	1	Sample		

Calibration in batch file for 10042 QAP solution.

CM 10/8/10

10045

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	10046 #3	SIMALC	1	Sample		
34	Vial 34	10046 #4	SIMALC	1	Sample		
35	Vial 35	10046 #5	SIMALC	1	Sample		
36	Vial 36	0.10 CTRL - CM	SIMALC	1	Ctrl Samp		
37	Vial 37	NEG CTRL - CM	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

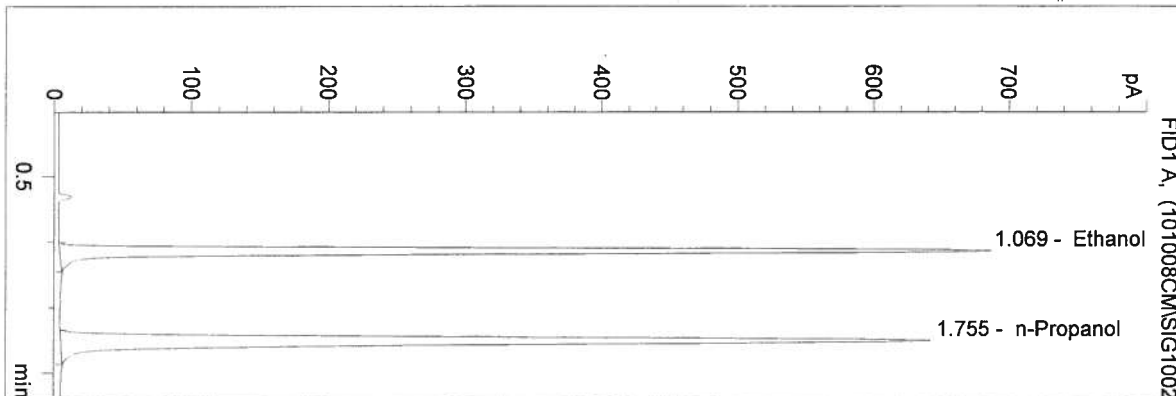
CM

10045

C:\HPCHEM\1\METHODS\SIMALC.M
 10/8/2010 11:10:08 AM
 Instrument 1
 DB ALC 1

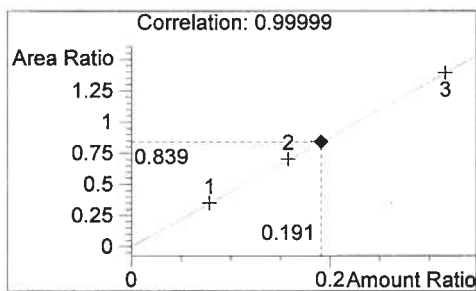
10045 #1
 Christie Mitchell

vial # 24



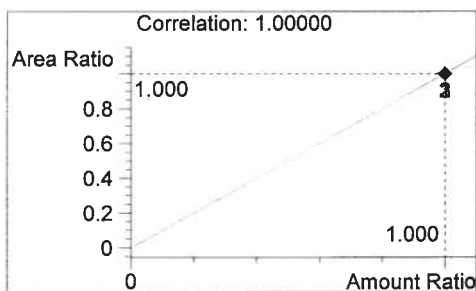
#	Compound	Area	RT
1	Ethanol	2114	1.069
2	n-Propanol	2520	1.755

Tot



Ethanol

0.191 g/100 mL



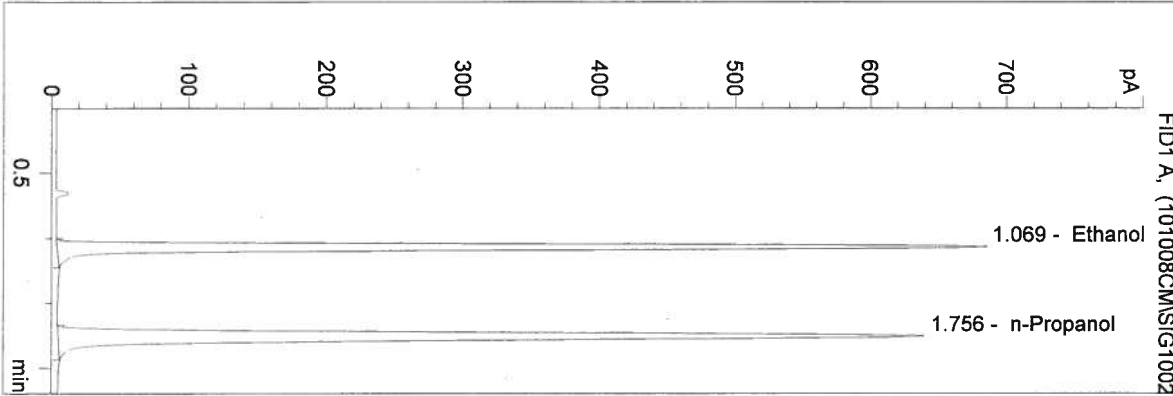
n-Propanol

1.000 g/100 mL

CM

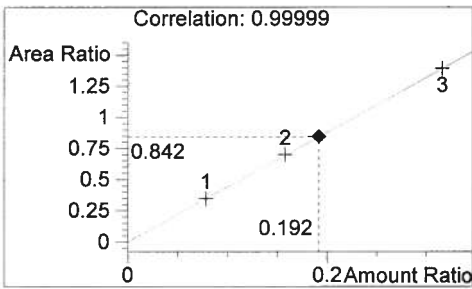
C:\HPCHEM\1\METHODS\SIMALC.M
 10/8/2010 11:13:13 AM
 Instrument 1
 DB ALC 1

10045 #2
 Christie Mitchell
 vial # 25



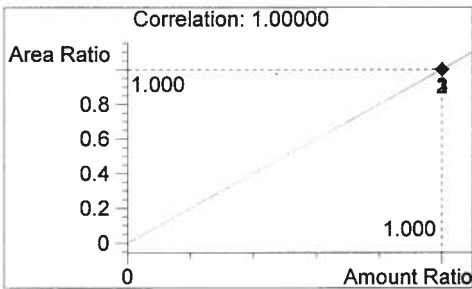
#	Compound	Area	RT
1	Ethanol	2117	1.069
2	n-Propanol	2514	1.756

Tot



Ethanol

0.192 g/100 mL



n-Propanol

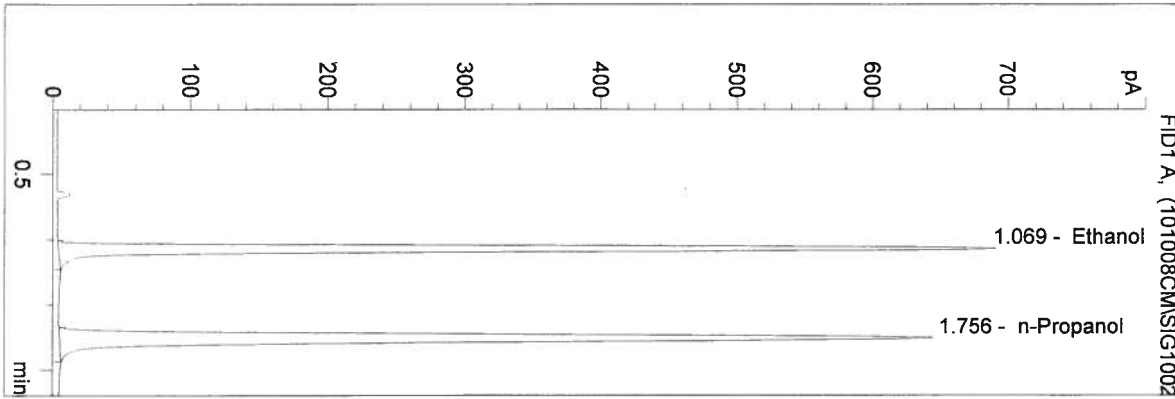
1.000 g/100 mL

CM

C:\HPCHEM\1\METHODS\SIMALC.M
 10/8/2010 11:16:17 AM
 Instrument 1
 DB ALC 1

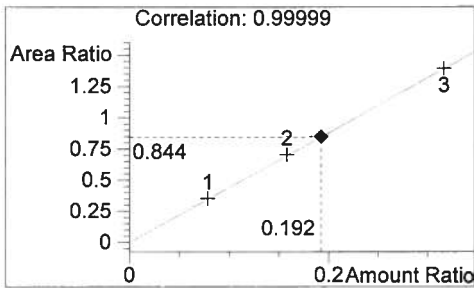
10045 #3
 Christie Mitchell

vial # 26



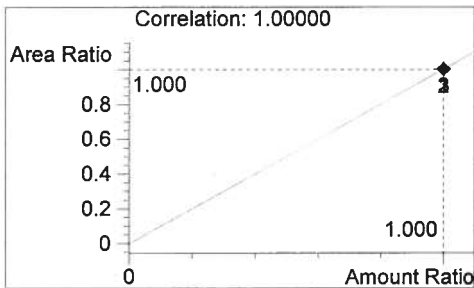
#	Compound	Area	RT
1	Ethanol	2142	1.069
2	n-Propanol	2537	1.756

Tot



Ethanol

0.192 g/100 mL



n-Propanol

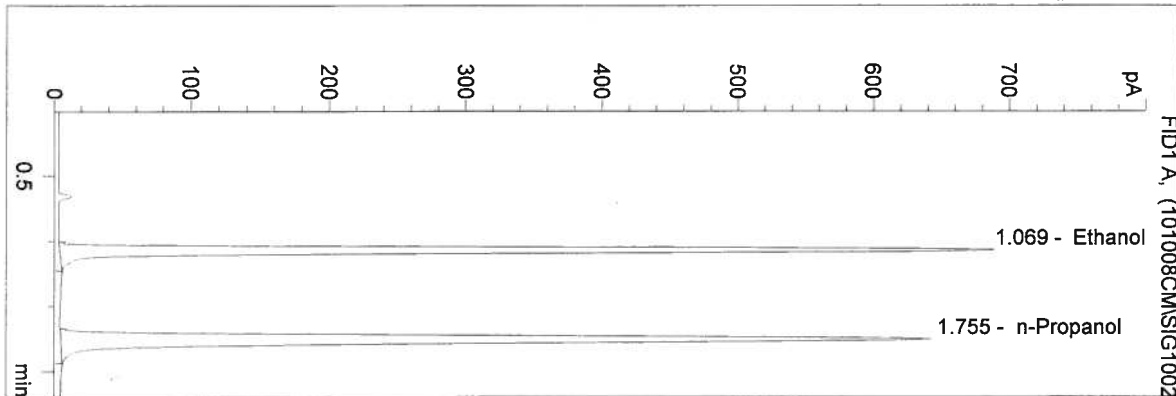
1.000 g/100 mL

CM

C:\HPCHEM\1\METHODS\SIMALC.M
 10/8/2010 11:19:22 AM
 Instrument 1
 DB ALC 1

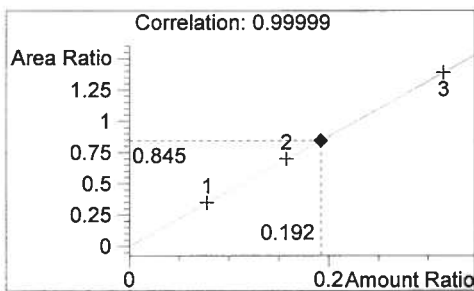
10045 #4
 Christie Mitchell

vial # 27



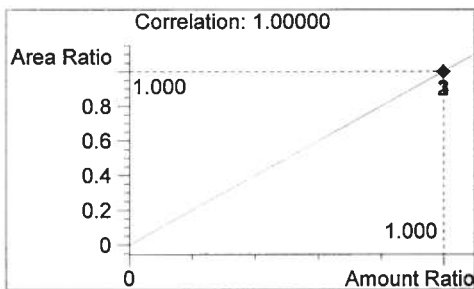
#	Compound	Area	RT
1	Ethanol	2135	1.069
2	n-Propanol	2527	1.755

Tot



Ethanol

0.192 g/100 mL



n-Propanol

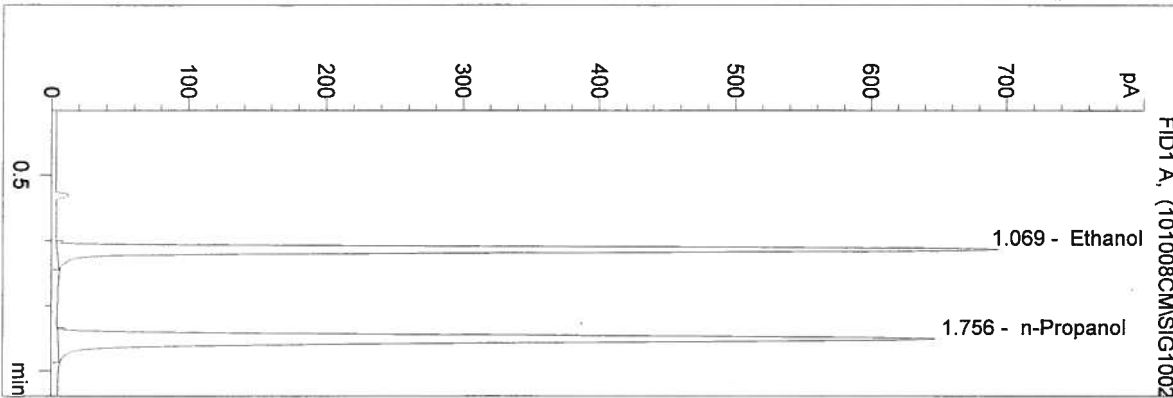
1.000 g/100 mL

CM

C:\HPCHEM\1\METHODS\SIMALC.M
 10/8/2010 11:22:27 AM
 Instrument 1
 DB ALC 1

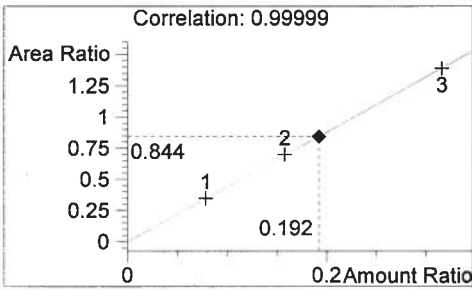
10045 #5
 Christie Mitchell

vial # 28



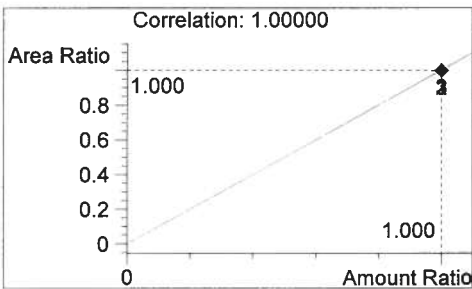
#	Compound	Area	RT
1	Ethanol	2153	1.069
2	n-Propanol	2550	1.756

Tot



Ethanol

0.192 g/100 mL



n-Propanol

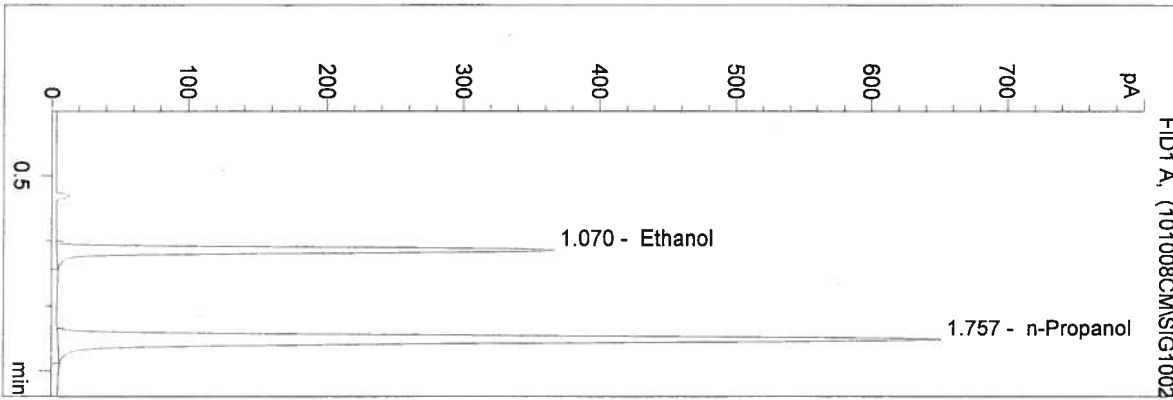
1.000 g/100 mL

CM

C:\HPCHEM\1\METHODS\SIMALC.M
 10/8/2010 11:25:31 AM
 Instrument 1
 DB ALC 1

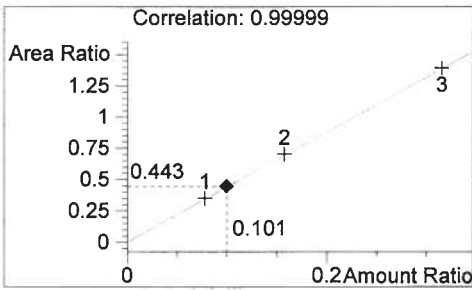
0.10 CTRL - CM
 Christie Mitchell

vial # 29



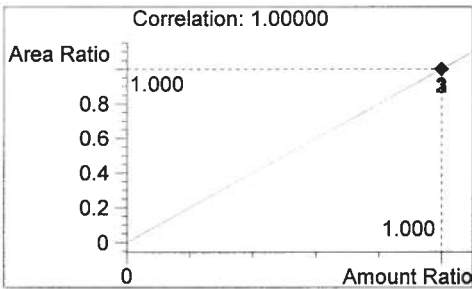
#	Compound	Area	RT
1	Ethanol	1137	1.070
2	n-Propanol	2568	1.757

Tot



Ethanol

0.101 g/100 mL



n-Propanol

1.000 g/100 mL

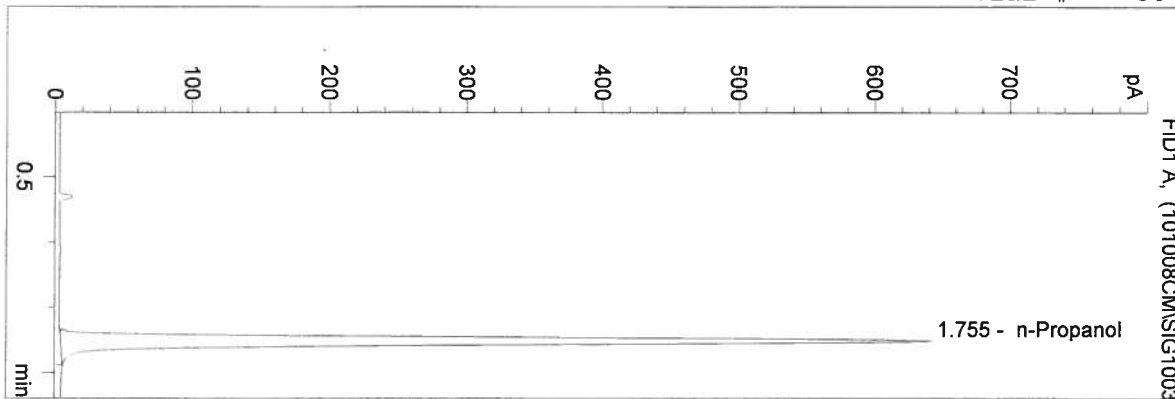
CM

10045

C:\HPCHEM\1\METHODS\SIMALC.M
 10/8/2010 11:28:36 AM
 Instrument 1
 DB ALC 1

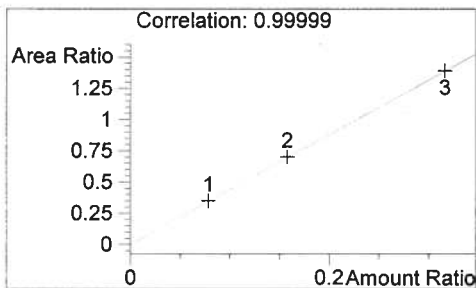
NEG CTRL - CM
 Christie Mitchell

vial # 30



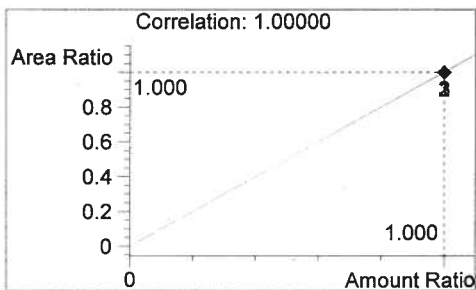
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2528	1.755

Tot



Ethanol

0.000 g/100 mL



n-Propanol

1.000 g/100 mL

CM

10049

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: 101011JK

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 10/2014

07
JK 10-20-10

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - JK	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - JK	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - JK	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC	1	Ctrl Samp		
10	Vial 10	10042-1	SIMALC	1	Sample		
11	Vial 11	10042-2	SIMALC	1	Sample		
12	Vial 12	10042-3	SIMALC	1	Sample		
13	Vial 13	10042-4	SIMALC	1	Sample		
14	Vial 14	10042-5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC	1	Ctrl Samp		
17	Vial 17	10043-1	SIMALC	1	Sample		
18	Vial 18	10043-2	SIMALC	1	Sample		
19	Vial 19	10043-3	SIMALC	1	Sample		
20	Vial 20	10043-4	SIMALC	1	Sample		
21	Vial 21	10043-5	SIMALC	1	Sample		
22	Vial 22	0.10 CTRL JK	SIMALC	1	Ctrl Samp		
23	Vial 23	NEG CTRL JK	SIMALC	1	Ctrl Samp		
24	Vial 24	10045-1	SIMALC	1	Sample		
25	Vial 25	10045-2	SIMALC	1	Sample		
26	Vial 26	10045-3	SIMALC	1	Sample		
27	Vial 27	10045-4	SIMALC	1	Sample		
28	Vial 28	10045-5	SIMALC	1	Sample		
29	Vial 29	0.10 CTRL JK	SIMALC	1	Ctrl Samp		
30	Vial 30	NEG CTRL JK	SIMALC	1	Ctrl Samp		
31	Vial 31	10046-1	SIMALC	1	Sample		
32	Vial 32	10046-2	SIMALC	1	Sample		

10045

JK

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	10046-3	SIMALC	1	Sample		
34	Vial 34	10046-4	SIMALC	1	Sample		
35	Vial 35	10046-5	SIMALC	1	Sample		
36	Vial 36	0.10 CTRL JK	SIMALC	1	Ctrl Samp		
37	Vial 37	NEG CTRL JK	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

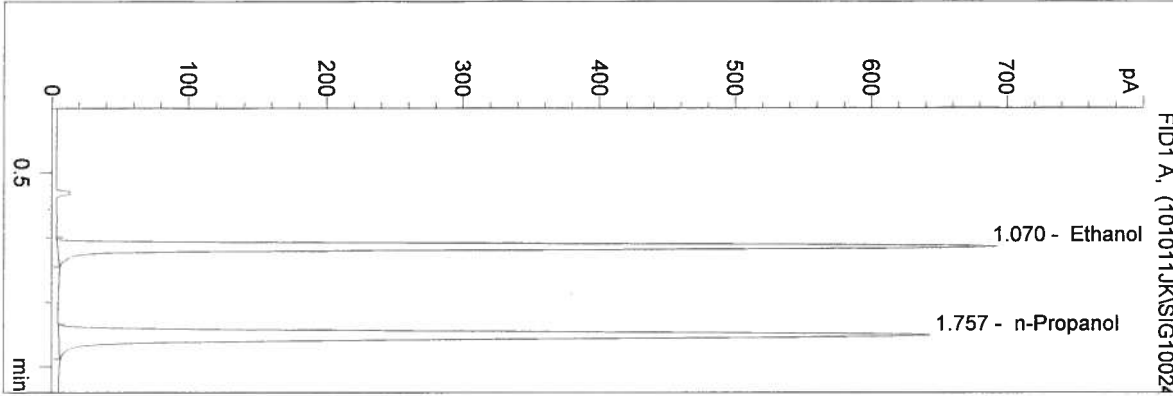
10045

Calibration data with 10042

C:\HPCHEM\1\METHODS\SIMALC.M
 10/11/2010 12:56:08 PM
 Instrument 1
 DB ALC 1

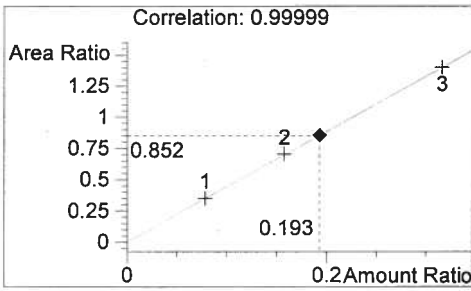
10045-1
 Justin Knoy

vial # 24



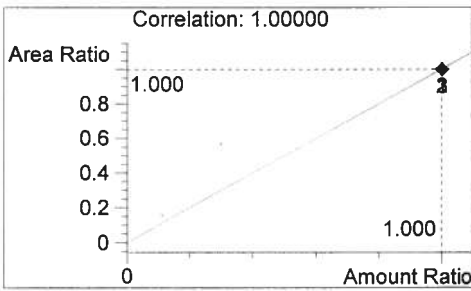
#	Compound	Area	RT
1	Ethanol	2157	1.070
2	n-Propanol	2532	1.757

Tot



Ethanol

0.193 g/100 mL



n-Propanol

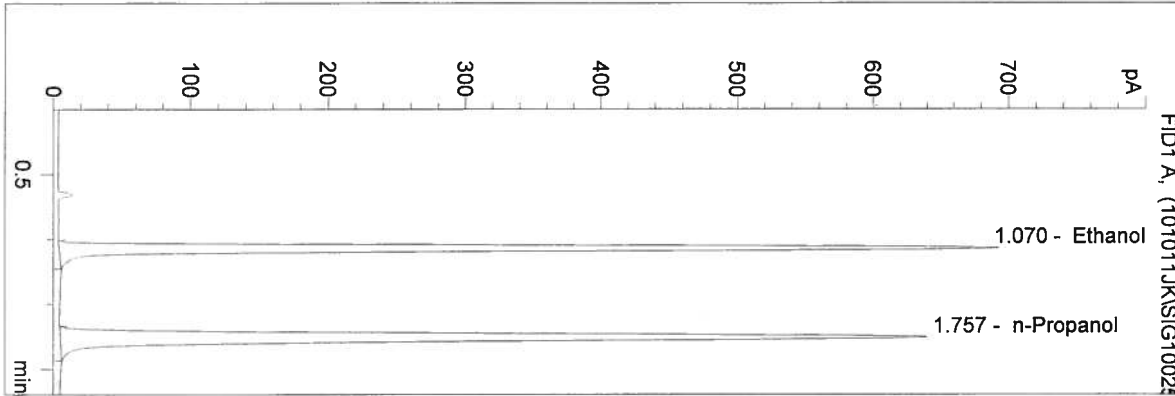
1.000 g/100 mL

Handwritten signature

C:\HPCHEM\1\METHODS\SIMALC.M
 10/11/2010 12:59:13 PM
 Instrument 1
 DB ALC 1

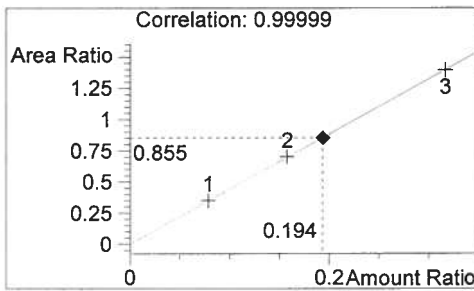
10045-2
 Justin Knoy

vial # 25



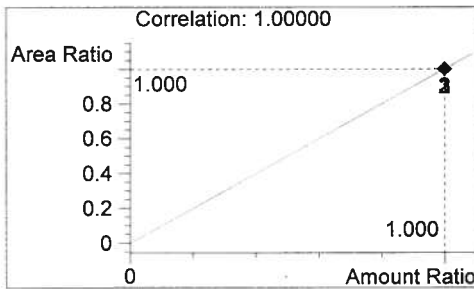
#	Compound	Area	RT
1	Ethanol	2155	1.070
2	n-Propanol	2520	1.757

Tot



Ethanol

0.194 g/100 mL



n-Propanol

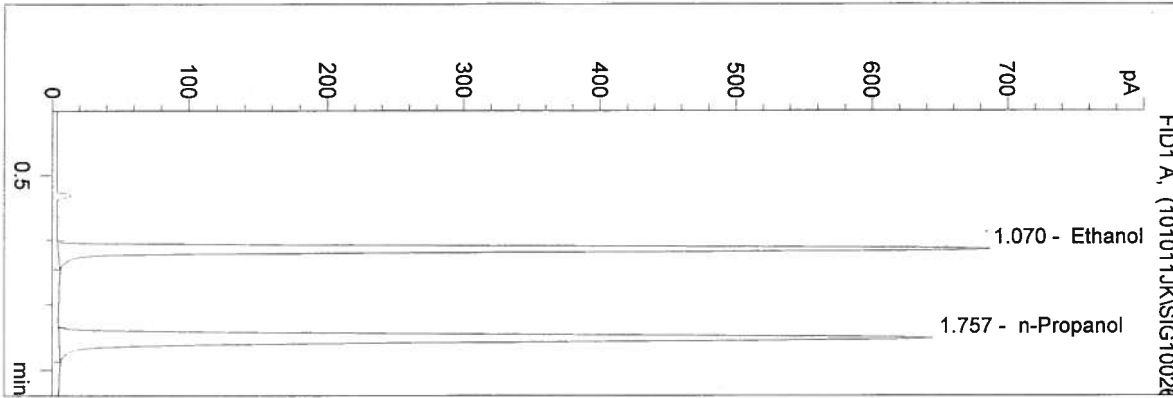
1.000 g/100 mL

JK

C:\HPCHEM\1\METHODS\SIMALC.M
 10/11/2010 1:02:18 PM
 Instrument 1
 DB ALC 1

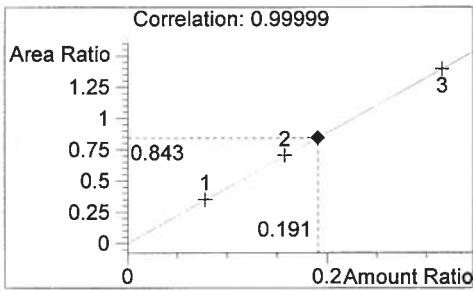
10045-3
 Justin Knoy

vial # 26



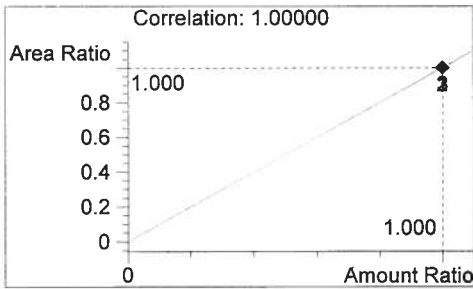
#	Compound	Area	RT
1	Ethanol	2139	1.070
2	n-Propanol	2537	1.757

Tot



Ethanol

0.191 g/100 mL



n-Propanol

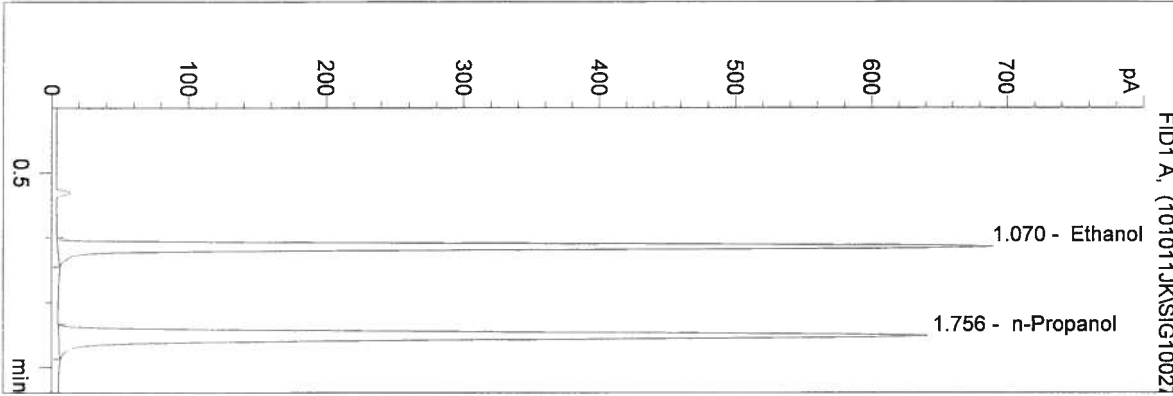
1.000 g/100 mL

OK

C:\HPCHEM\1\METHODS\SIMALC.M
 10/11/2010 1:05:23 PM
 Instrument 1
 DB ALC 1

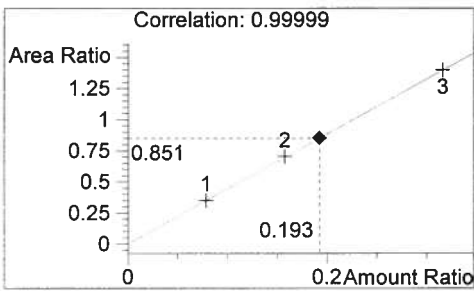
10045-4
 Justin Knoy

vial # 27



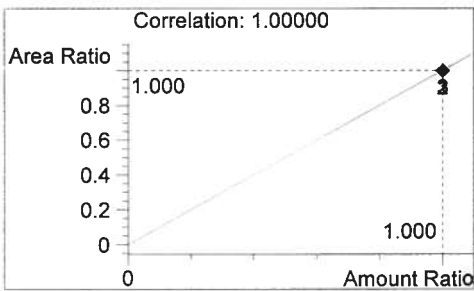
#	Compound	Area	RT
1	Ethanol	2143	1.070
2	n-Propanol	2519	1.756

Tot



Ethanol

0.193 g/100 mL



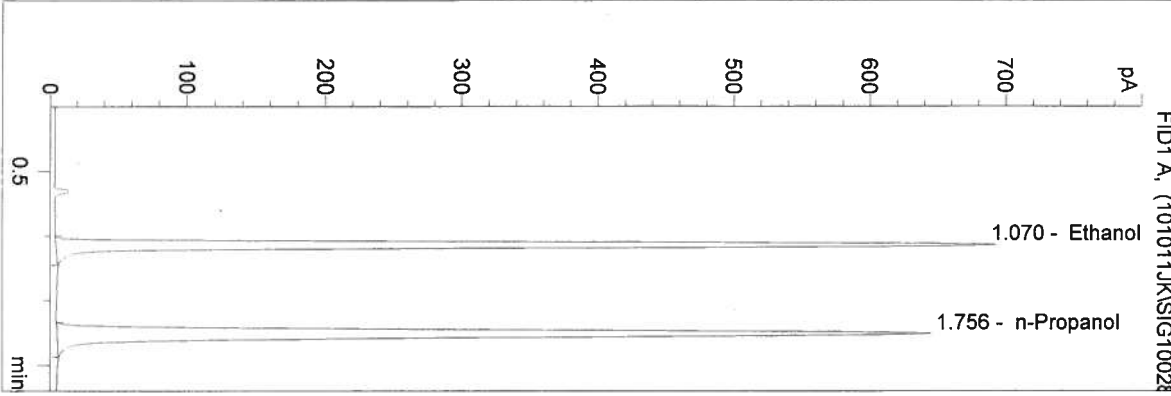
n-Propanol

1.000 g/100 mL

C:\HPCHEM\1\METHODS\SIMALC.M
 10/11/2010 1:08:27 PM
 Instrument 1
 DB ALC 1

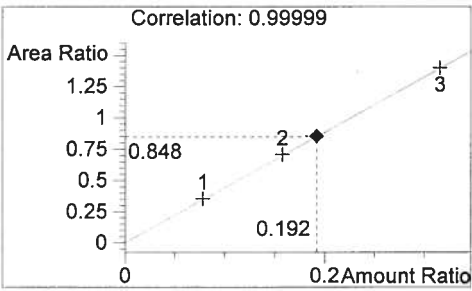
10045-5
 Justin Knoy

vial # 28



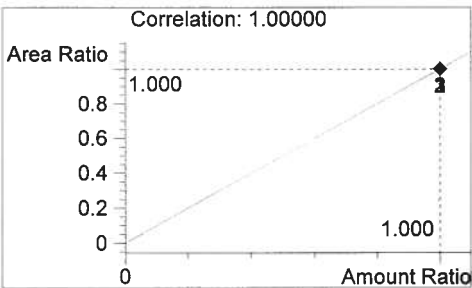
#	Compound	Area	RT
1	Ethanol	2151	1.070
2	n-Propanol	2536	1.756

Tot



Ethanol

0.192 g/100 mL



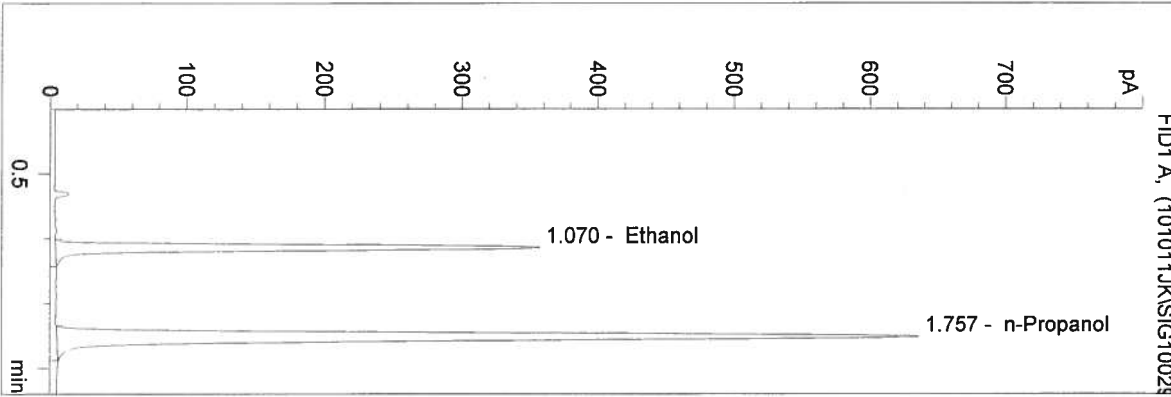
n-Propanol

1.000 g/100 mL

C:\HPCHEM\1\METHODS\SIMALC.M
 10/11/2010 1:11:32 PM
 Instrument 1
 DB ALC 1

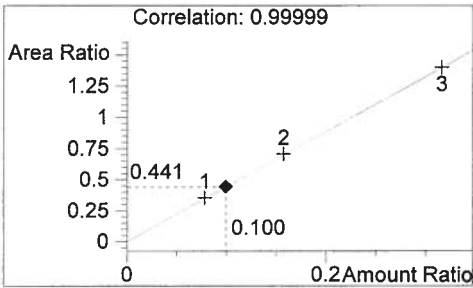
0.10 CTRL JK
 Justin Knoy

vial # 29



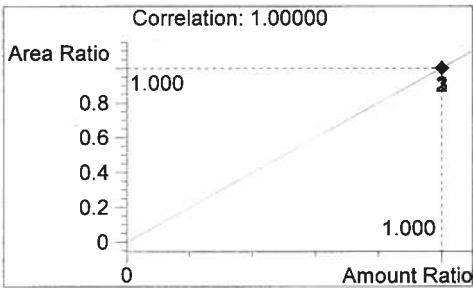
#	Compound	Area	RT
1	Ethanol	1104	1.070
2	n-Propanol	2503	1.757

Tot



Ethanol

0.100 g/100 mL



n-Propanol

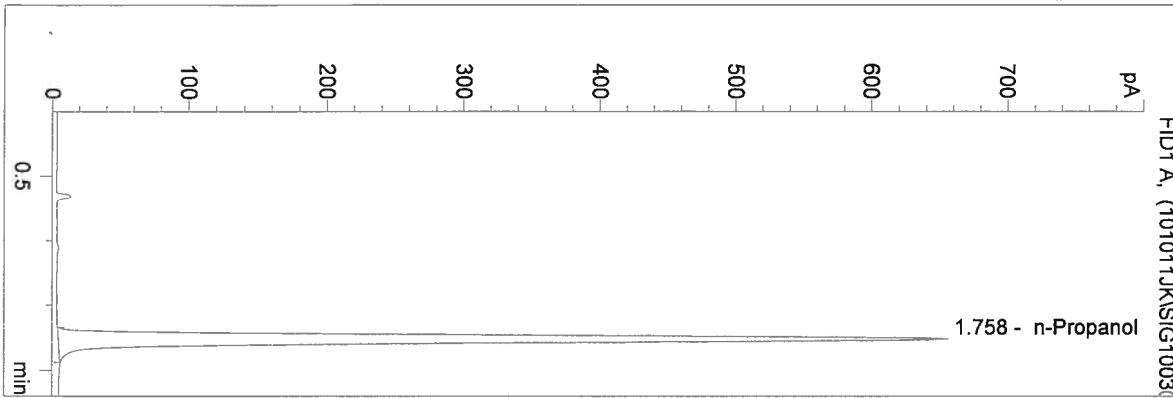
1.000 g/100 mL

10045

C:\HPCHEM\1\METHODS\SIMALC.M
 10/11/2010 1:14:37 PM
 Instrument 1
 DB ALC 1

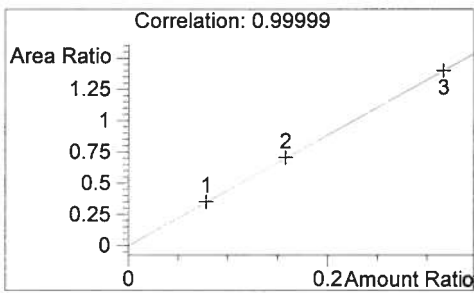
NEG CTRL JK
 Justin Knoy

vial # 30



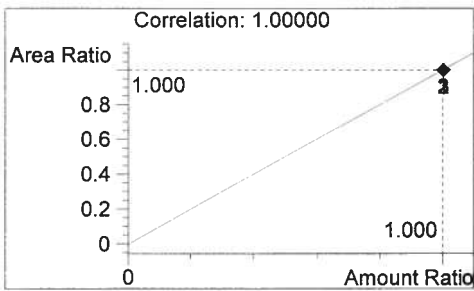
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2593	1.758

Tot



Ethanol

0.000 g/100 mL



n-Propanol

1.000 g/100 mL

1 0 0 4 5

QAP SOLUTION PREPARATION WORKSHEET

Batch #: 10042, 10043, 10044, 10045
Preparer: Bseo
Date Prepared: 10.6.10
Expiration Date: 10.6.11
Lot 200 Proof (100%) Ethanol Used: ZQ0777
Date 200 Proof Ethanol Opened: 9/16/10
(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>10.6.10</u> Date
<u>Brian E. Kelly</u> Analyst			<u>10.6.10</u> Date